

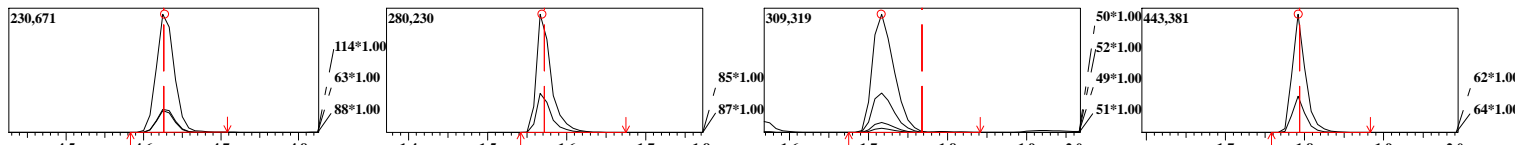
Before Manual Integrations

Analyst: ABO
Method: 8260C
Sample ID: ICAL6
Date: 1/10/2022
Time: 16:59:08
Dilution: 1

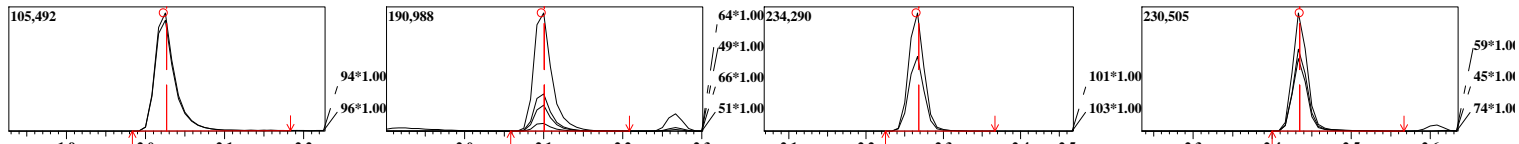
Instr: J1A Trace Number:
Batch:

Data File: C:\GCMSsolution\Data\220110A021.qgd
Method File: C:\GCMSsolution\Data\8260-W-211121A.qgm
Sample Name: ICAL6

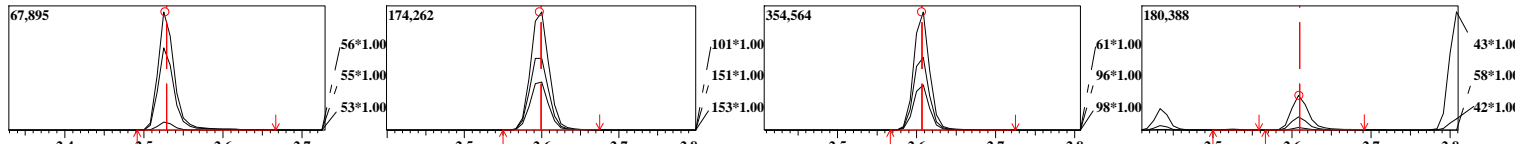
ID#:1 Mass:114.00 R.T:4.627 Area:356445 Conc:50.00000ppm	Name:1,4-Difluorobenzene (IS) Type:ISTD	ID#:2 Mass:85.00 R.T:1.569 Area:349977 Conc:156.79793ppm	Name:Dichlorodifluoromethane Type:Target	ID#:3 Mass:50.00 R.T:1.716 Area:567748 Conc:171.74894ppm	Name:Chloromethane Type:Target	ID#:4 Mass:62.00 R.T:1.792 Area:497692 Conc:108.38112ppm	Name:Vinyl Chloride Type:Target
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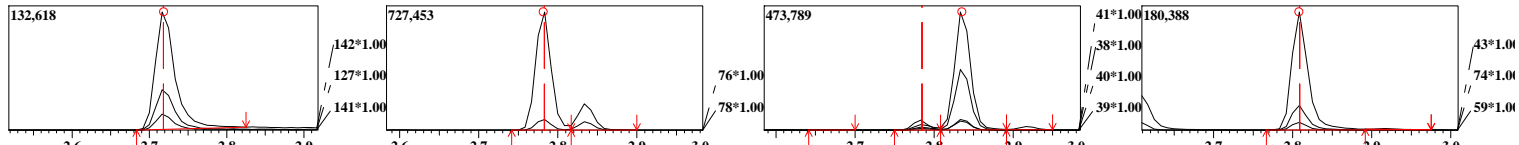
ID#:5 Mass:94.00 R.T:2.023 Area:177153 Conc:206.00821ppm	Name:Bromomethane Type:Target	ID#:6 Mass:64.00 R.T:2.097 Area:293195 Conc:118.08140ppm	Name:Chloroethane Type:Target	ID#:7 Mass:101.00 R.T:2.265 Area:312871 Conc:109.32910ppm	Name:Trichlorofluoromethane Type:Target	ID#:8 Mass:59.00 R.T:2.434 Area:287730 Conc:92.18249ppm	Name:Diethyl Ether Type:Target
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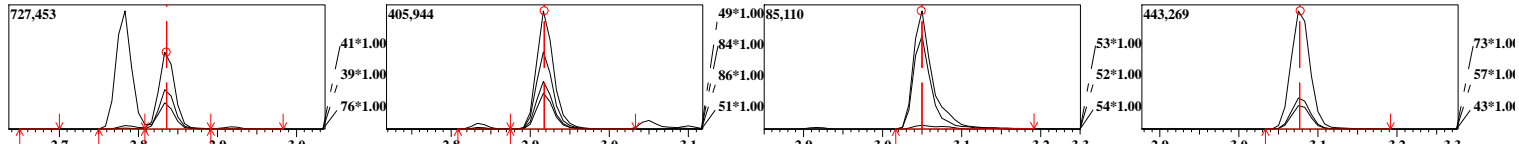
ID#:9 Mass:56.00 R.T:2.527 Area:93172 Conc:492.71579ppm	Name:Acrolein Type:Target	ID#:10 Mass:101.00 R.T:2.597 Area:278741 Conc:98.83325ppm	Name:1,1,2-Trichlorotrifluoroethane Type:Target	ID#:11 Mass:61.00 R.T:2.606 Area:475609 Conc:92.46447ppm	Name:1,1-Dichloroethene Type:Target	ID#:12 Mass:43.00 R.T:2.609 Area:77745 Conc:74.68784ppm	Name:Acetone Type:Target
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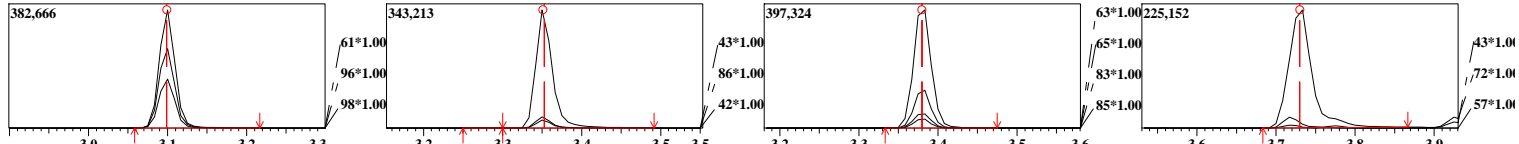
ID#:13 Mass:142.00 R.T:2.719 Area:223674 Conc:138.68940ppm	Name:Idomethane Type:Target	ID#:14 Mass:76.00 R.T:2.781 Area:968073 Conc:96.47402ppm	Name:Carbon Disulfide Type:Target	ID#:15 Mass:41.00 R.T:2.836 Area:637941 Conc:1347.60926ppm	Name:Acetonitrile Type:Target	ID#:16 Mass:43.00 R.T:2.808 Area:250764 Conc:75.29325ppm	Name:Methyl Acetate Type:Target
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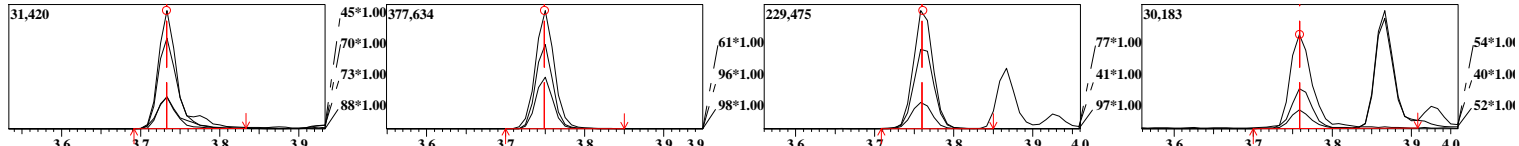
ID#:17 Mass:41.00 R.T:2.836 Area:641822 Conc:104.66496ppm	Name:Allyl Chloride(3-Chloroprene) Type:Target	ID#:18 Mass:49.00 R.T:2.918 Area:588246 Conc:104.77483ppm	Name:Methylene Chloride Type:Target	ID#:19 Mass:53.00 R.T:3.049 Area:138859 Conc:69.31382ppm	Name:Acrylonitrile Type:Target	ID#:20 Mass:73.00 R.T:3.078 Area:725831 Conc:91.04364ppm	Name:MTBE Type:Target
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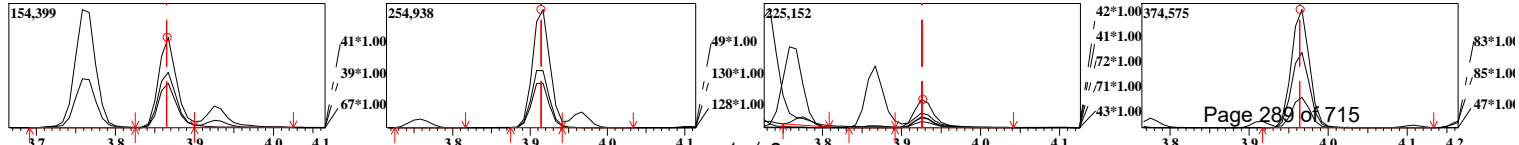
ID#:21 Mass:61.00 R.T:3.099 Area:505198 Conc:99.63818ppm	Name:trans-1,2-Dichloroethene Type:Target	ID#:22 Mass:43.00 R.T:3.351 Area:475964 Conc:149.42388ppm	Name:Vinyl Acetate Type:Target	ID#:23 Mass:63.00 R.T:3.380 Area:608399 Conc:102.75855ppm	Name:1,1-Dichloroethane Type:Target	ID#:24 Mass:43.00 R.T:3.730 Area:439609 Conc:78.32303ppm	Name:2-Butanone(MEK) Type:Target
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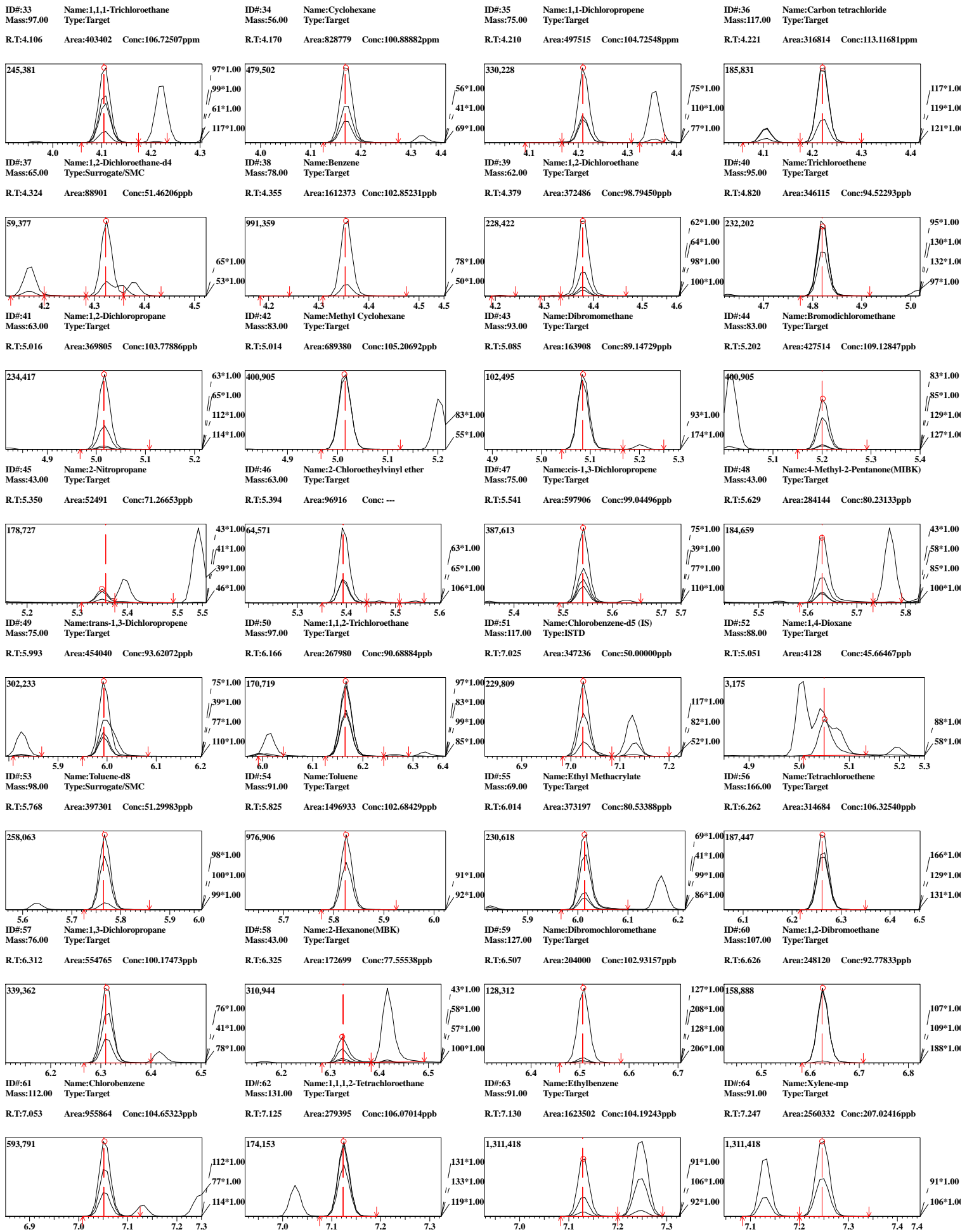


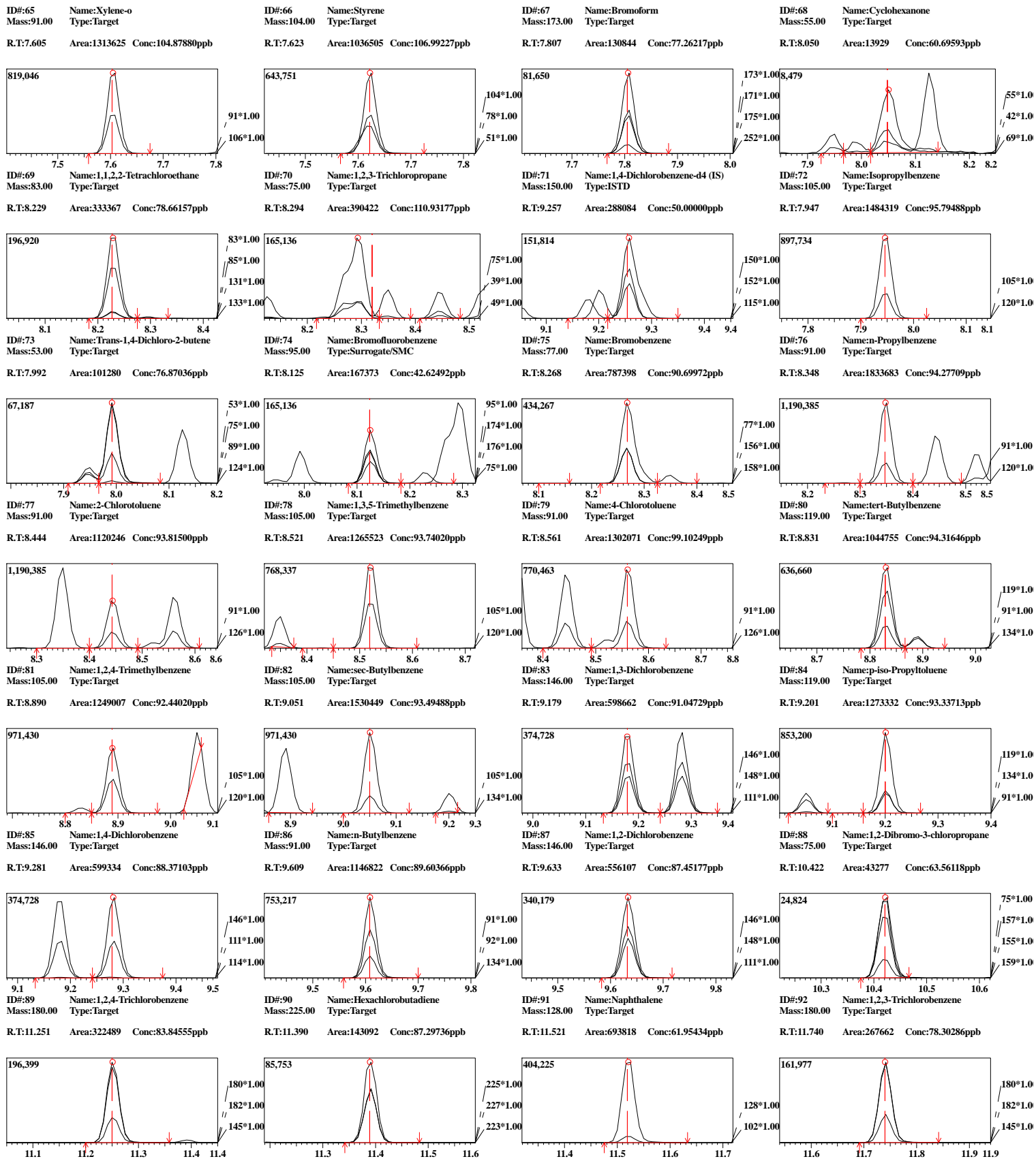
ID#:25 Mass:45.00 R.T:3.733 Area:51551 Conc:80.44873ppm	Name:Ethyl Acetate Type:Target	ID#:26 Mass:61.00 R.T:3.749 Area:598661 Conc:92.34867ppm	Name:cis-1,2-Dichloroethene Type:Target	ID#:27 Mass:77.00 R.T:3.761 Area:380378 Conc:102.56955ppm	Name:2,2-Dichloropropane Type:Target	ID#:28 Mass:54.00 R.T:3.759 Area:45760 Conc:59.70219ppm	Name:Propionitrile(Ethyl cyanide) Type:Target
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ID#:29 Mass:41.00 R.T:3.865 Area:178436 Conc:72.37101ppm	Name:Methacrylonitrile Type:Target	ID#:30 Mass:49.00 R.T:3.914 Area:382239 Conc:100.07226ppm	Name:Bromochloromethane Type:Target	ID#:31 Mass:42.00 R.T:3.927 Area:90727 Conc:59.94535ppm	Name:Tetrahydrofuran Type:Target	ID#:32 Mass:83.00 R.T:3.965 Area:575597 Conc:105.99520ppm	Name:Chloroform Type:Target
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Analyst: ABO Instrument: J1A Trace Number: VOC-B012-F29T

Method: 8260B/C/D

Batch:

Sample ID: ICAL7

Data File: C:\GCMSsolution\Archived Data\2022\01-JAN\220110after\220110A022.qgd

Date: 1/10/2022

Method File: C:\GCMSsolution\Data\8260-W-220110A.qgm

Time: 17:23:33

Sample Name: ICAL7

Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.63	365782	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.02	365079	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.26	288930	50.00

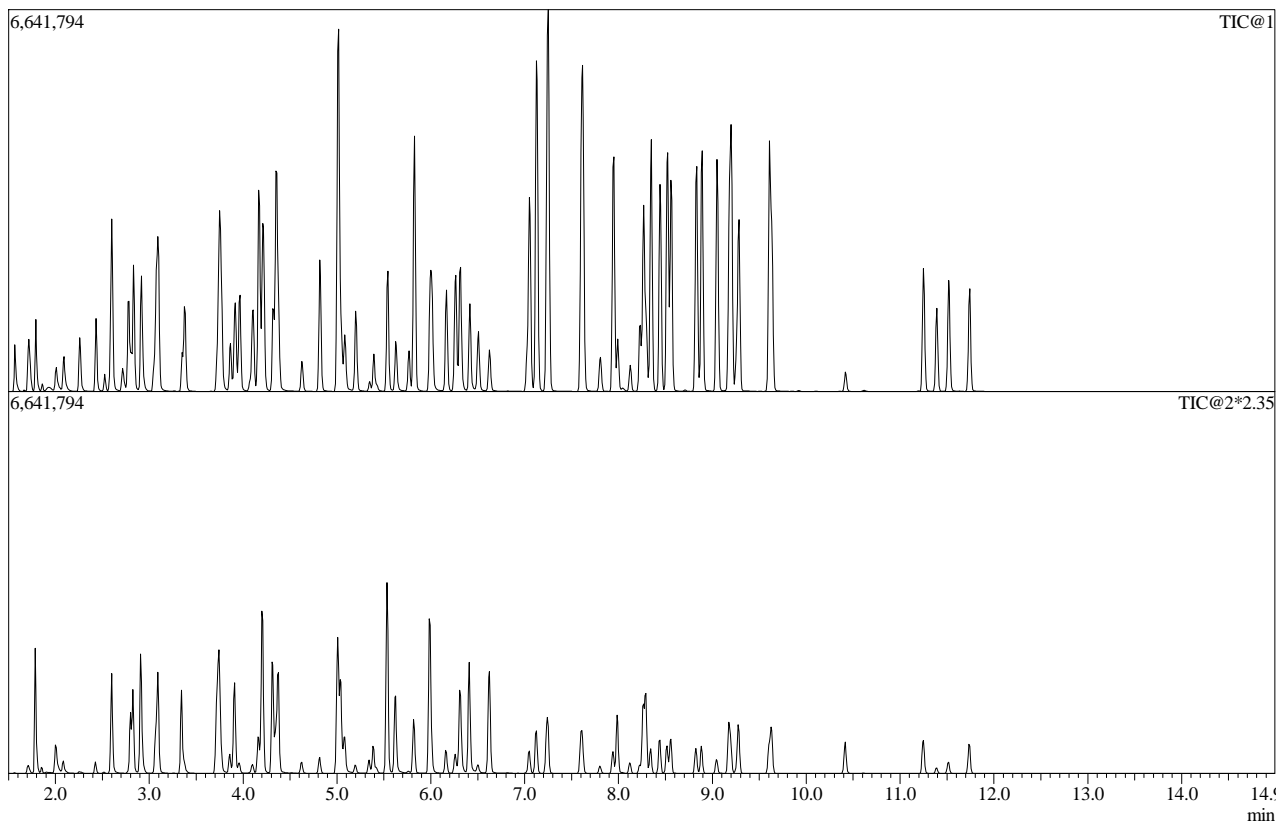
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.32	88401	47.37
53	Toluene-d8	98.00	5.77	418699	50.16
74	Bromofluorobenzene	95.00	8.13	181974	46.31

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	1.57	621419	168.69
3	Chloromethane	50.00	1.72	1089913	180.26
4	Vinyl Chloride	62.00	1.79	962973	186.81
5	Bromomethane	94.00	2.01	316930	202.54
6	Chloroethane	64.00	2.09	570711	190.45
7	Trichlorofluoromethane	101.00	2.26	574034	177.23
8	Diethyl Ether	59.00	2.43	563525	193.86
9	Acrolein	56.00	2.53	196683	1040.60
10	1,1,2-Trichlorotrifluoroethane	101.00	2.59	522161	178.14
11	1,1-Dichloroethene	61.00	2.60	921959	193.54
12	Acetone	43.00	2.61	154031	186.87
13	Idomethane	142.00	2.72	471147	197.66
14	Carbon Disulfide	76.00	2.78	1763511	187.83
15	Acetonitrile	41.00	2.79	65650	195.47
16	Methyl Acetate	43.00	2.81	540330	217.63
17	Allyl Chloride(3-Chloroprene)	41.00	2.83	1228174	194.94
18	Methylene Chloride	49.00	2.92	1081180	179.99
19	Acrylonitrile	53.00	3.05	293153	214.48
20	MTBE	73.00	3.08	1405648	197.54
21	trans-1,2-Dichloroethene	61.00	3.10	997620	195.74
22	Vinyl Acetate	43.00	3.35	760797	172.94
23	1,1-Dichloroethane	63.00	3.38	1190112	195.13
24	2-Butanone(MEK)	43.00	3.73	898035	209.94
25	Ethyl Acetate	45.00	3.73	103920	200.59
26	cis-1,2-Dichloroethene	61.00	3.75	1186275	200.29
27	2,2-Dichloropropane	77.00	3.76	698253	185.37
28	Propionitrile(Ethyl cyanide)	54.00	3.76	97472	199.82
29	Methacrylonitrile	41.00	3.86	370280	223.02
30	Bromochloromethane	49.00	3.91	710265	179.55
31	Tetrahydrofuran	42.00	3.93	185047	206.28
32	Chloroform	83.00	3.96	1073072	186.03
33	1,1,1-Trichloroethane	97.00	4.10	783158	196.00
34	Cyclohexane	56.00	4.17	1651031	207.16
35	1,1-Dichloropropene	75.00	4.21	922916	182.54
36	Carbon tetrachloride	117.00	4.22	587624	183.69
38	Benzene	78.00	4.35	2959782	179.78
39	1,2-Dichloroethane	62.00	4.38	727585	188.02
40	Trichloroethene	95.00	4.82	688179	196.72
41	1,2-Dichloropropane	63.00	5.02	718671	197.48
42	Methyl Cyclohexane	83.00	5.01	1290003	195.64
43	Dibromomethane	93.00	5.08	330656	198.99
44	Bromodichloromethane	83.00	5.20	822068	200.59
45	2-Nitropropane	43.00	5.35	107866	196.20
46	2-Chloroethylvinyl ether	63.00	5.39	227950	200.83
47	cis-1,3-Dichloropropene	75.00	5.54	1153528	212.11
48	4-Methyl-2-Pentanone(MIBK)	43.00	5.63	601984	225.16
49	trans-1,3-Dichloropropene	75.00	5.99	895486	223.58
50	1,1,2-Trichloroethane	97.00	6.17	539317	199.66
52	1,4-Dioxane	88.00	5.05	8892	201.66
54	Toluene	91.00	5.82	2955487	193.59
55	Ethyl Methacrylate	69.00	6.01	778248	198.31

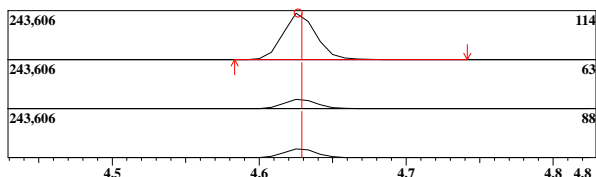
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	6.26	600584	190.26
57	1,3-Dichloropropane	76.00	6.31	1069685	190.04
58	2-Hexanone(MBK)	43.00	6.32	380230	197.22
59	Dibromochloromethane	127.00	6.51	415319	214.27
60	1,2-Dibromoethane	107.00	6.63	494754	199.12
61	Chlorobenzene	112.00	7.05	1838675	181.84
62	1,1,1,2-Tetrachloroethane	131.00	7.12	560317	204.02
63	Ethylbenzene	91.00	7.13	3182947	194.20
64	Xylene-mp	91.00	7.25	4945258	365.80
65	Xylene-o	91.00	7.61	2583542	195.90
66	Styrene	104.00	7.62	2025867	195.59
67	Bromoform	173.00	7.80	284441	221.76
68	Cyclohexanone	55.00	8.05	30858	197.82
69	1,1,2,2-Tetrachloroethane	83.00	8.23	698162	200.96
70	1,2,3-Trichloropropane	75.00	8.29	547226	200.39
72	Isopropylbenzene	105.00	7.95	2900841	174.25
73	Trans-1,4-Dichloro-2-butene	53.00	7.99	225301	207.01
75	Bromobenzene	77.00	8.27	1540894	170.68
76	n-Propylbenzene	91.00	8.35	3729708	184.77
77	2-Chlorotoluene	91.00	8.44	2311171	183.47
78	1,3,5-Trimethylbenzene	105.00	8.52	2486255	171.94
79	4-Chlorotoluene	91.00	8.56	2373064	182.52
80	tert-Butylbenzene	119.00	8.83	2098135	182.81
81	1,2,4-Trimethylbenzene	105.00	8.89	2504442	175.53
82	sec-Butylbenzene	105.00	9.05	3075446	177.40
83	1,3-Dichlorobenzene	146.00	9.18	1219529	173.97
84	p-iso-Propyltoluene	119.00	9.20	2500619	178.96
85	1,4-Dichlorobenzene	146.00	9.28	1240112	171.29
86	n-Butylbenzene	91.00	9.61	2397302	191.18
87	1,2-Dichlorobenzene	146.00	9.63	1140068	169.82
88	1,2-Dibromo-3-chloropropane	75.00	10.42	98380	204.23
89	1,2,4-Trichlorobenzene	180.00	11.25	704954	192.27
90	Hexachlorobutadiene	225.00	11.39	301828	180.70
91	Naphthalene	128.00	11.52	1685422	193.83
92	1,2,3-Trichlorobenzene	180.00	11.74	585245	199.11



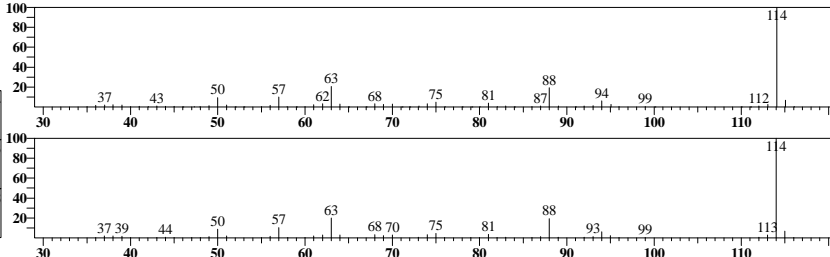
ID#1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

Mass:114.00 R.T:4.627 Area:365782 Conc:50.00000ppm

#	m/z	Area	Ratio	Reference
1	63.00	20925	20.51	23.00
2	88.00	19552	19.16	20.00



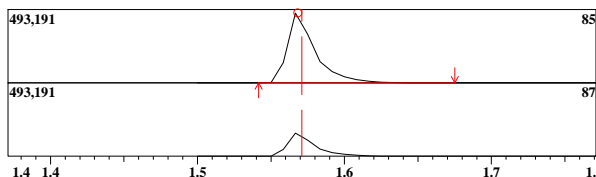
ID#1 R.Time:4.625(Scan#:751)
MassPeaks:66
RawMode:Averaged 4.600-4.650(745-757)
BG Mode:None Group 1 - Event 1 Scan



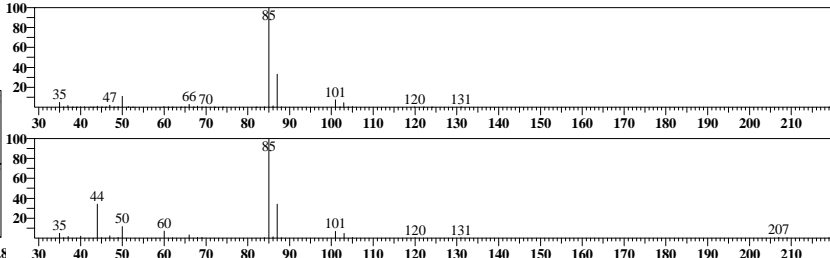
ID#2 Name:Dichlorodifluoromethane Type:Target No Manual Integration

Mass:85.00 R.T:1.568 Area:621419 Conc:168.68812ppm

#	m/z	Area	Ratio	Reference
1	87.00	54919	33.17	33.00



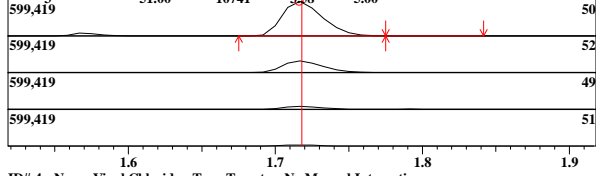
ID#2 R.Time:1.567(Scan#:17)
MassPeaks:46
RawMode:Averaged 1.542-1.592(11-23)
BG Mode:None Group 1 - Event 1 Scan



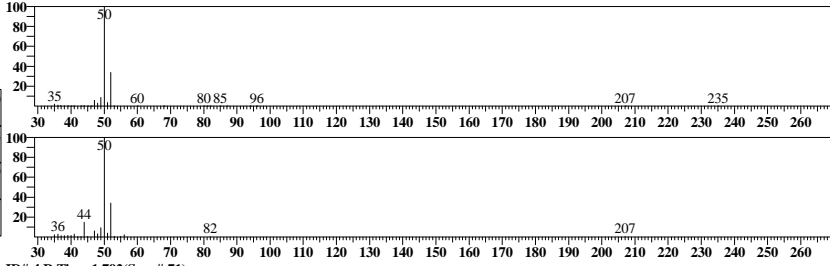
ID#3 Name:Chloromethane Type:Target No Manual Integration

Mass:50.00 R.T:1.716 Area:1089913 Conc:180.26405ppm

#	m/z	Area	Ratio	Reference
1	52.00	101624	33.83	30.00
2	49.00	26242	8.73	10.00
3	51.00	10741	3.28	5.00



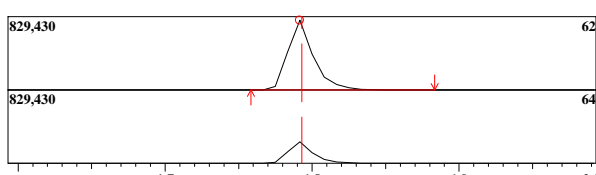
ID#3 R.Time:1.717(Scan#:53)
MassPeaks:30
RawMode:Averaged 1.692-1.742(47-59)
BG Mode:None Group 1 - Event 1 Scan



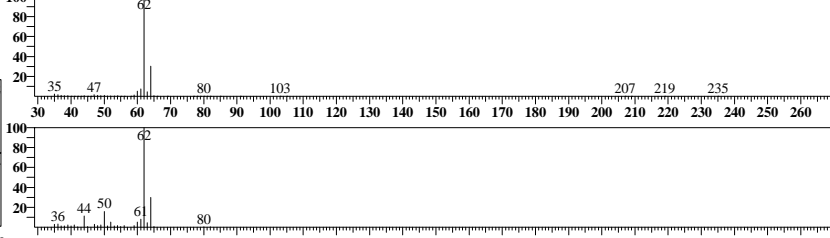
ID#4 Name:Vinyl Chloride Type:Target No Manual Integration

Mass:62.00 R.T:1.791 Area:962973 Conc:186.80823ppm

#	m/z	Area	Ratio	Reference
1	64.00	81396	30.25	31.00



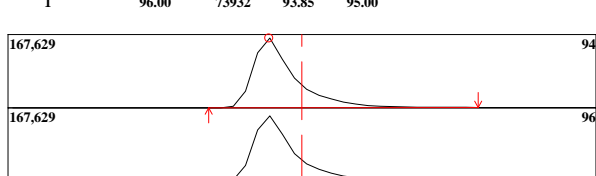
ID#4 R.Time:1.792(Scan#:71)
MassPeaks:47
RawMode:Averaged 1.767-1.817(65-77)
BG Mode:None Group 1 - Event 1 Scan



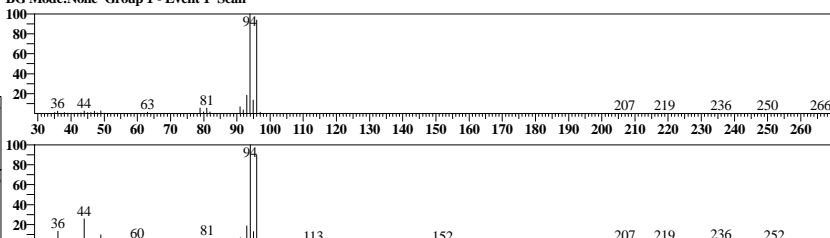
ID#5 Name:Bromomethane Type:Target No Manual Integration

Mass:94.00 R.T:2.007 Area:316930 Conc:202.53527ppm

#	m/z	Area	Ratio	Reference
1	96.00	73932	93.85	95.00



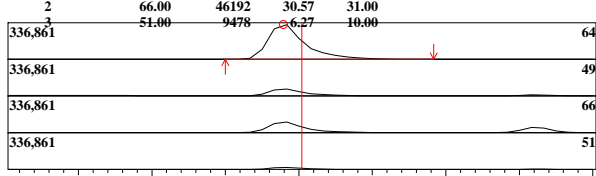
ID#5 R.Time:2.008(Scan#:123)
MassPeaks:58
RawMode:Averaged 1.983-2.033(117-129)
BG Mode:None Group 1 - Event 1 Scan



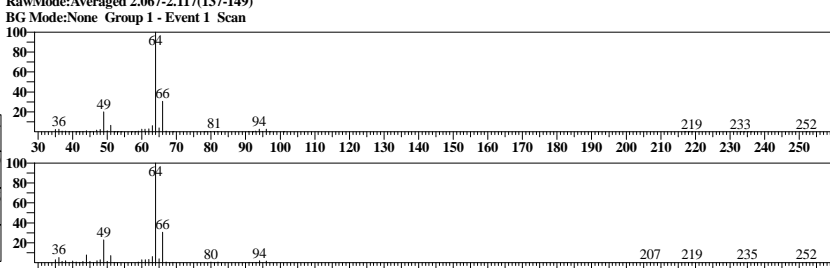
ID#6 Name:Chloroethane Type:Target No Manual Integration

Mass:64.00 R.T:2.090 Area:570711 Conc:190.44664ppm

#	m/z	Area	Ratio	Reference
1	49.00	30040	19.88	25.00
2	66.00	46192	30.57	31.00
3	51.00	9478	6.27	10.00



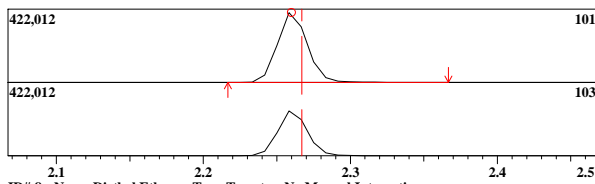
ID#6 R.Time:2.092(Scan#:143)
MassPeaks:53
RawMode:Averaged 2.067-2.117(137-149)
BG Mode:None Group 1 - Event 1 Scan



ID#:7 Name:Trichlorofluoromethane Type:Target No Manual Integration

Mass:101.00 R.T:2.260 Area:574034 Conc:177.22808ppm

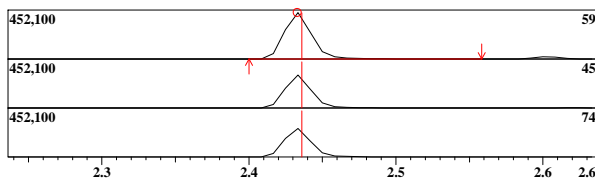
#	m/z	Area	Ratio	Reference
1	103.00	103387	64.16	57.00



ID#8 Name:Diethyl Ether Type:Target No Manual Integration

Mass:59.00 R.T:2.433 Area:563525 Conc:193.86452ppm

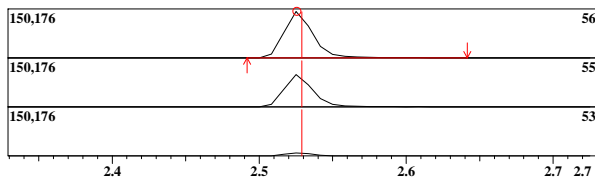
#	m/z	Area	Ratio	Reference
1	45.00	108933	69.48	80.00
2	74.00	96270	61.41	68.00



ID#9 Name:Acrolein Type:Target No Manual Integration

Mass:56.00 R.T:2.526 Area:196683 Conc:1040.59841ppm

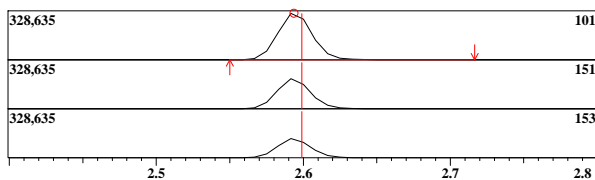
#	m/z	Area	Ratio	Reference
1	55.00	37647	69.56	70.00
2	53.00	3763	6.95	5.00



ID#10 Name:1,1,2-Trichlorotrifluoroethane Type:Target No Manual Integration

Mass:101.00 R.T:2.594 Area:522161 Conc:178.13871ppm

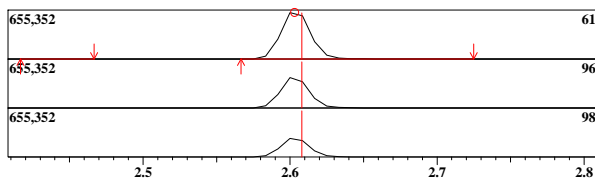
#	m/z	Area	Ratio	Reference
1	151.00	92922	63.97	60.00
2	153.00	59798	41.17	40.00



ID#11 Name:1,1-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:2.603 Area:921959 Conc:193.53880ppm

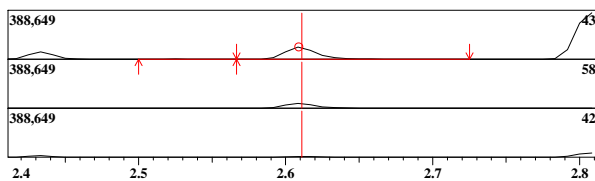
#	m/z	Area	Ratio	Reference
1	96.00	162097	62.77	60.00
2	98.00	99943	38.70	36.00



ID#12 Name:Acetone Type:Target No Manual Integration

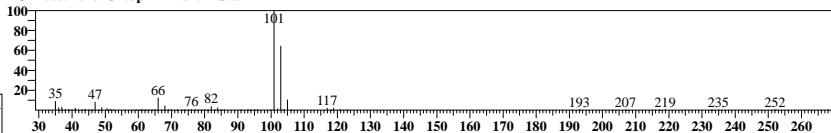
Mass:43.00 R.T:2.609 Area:154031 Conc:186.87235ppm

#	m/z	Area	Ratio	Reference
1	58.00	17140	41.07	30.00
2	42.00	3129	7.50	10.00



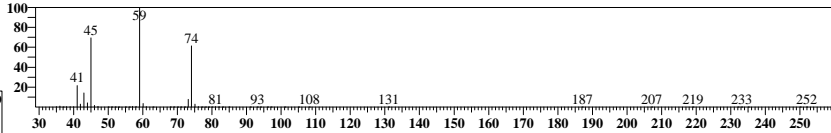
ID#7 R.Time:2.258(Scan#:183)

MassPeaks:71
RawMode:Averaged 2.233-2.283(177-189)
BG Mode:None Group 1 - Event 1 Scan



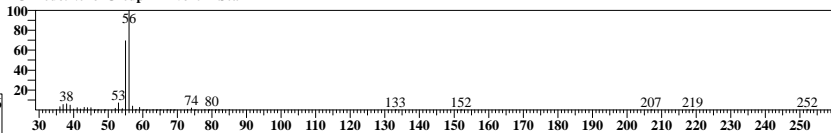
ID#8 R.Time:2.433(Scan#:225)

MassPeaks:59
RawMode:Averaged 2.408-2.458(219-231)
BG Mode:None Group 1 - Event 1 Scan



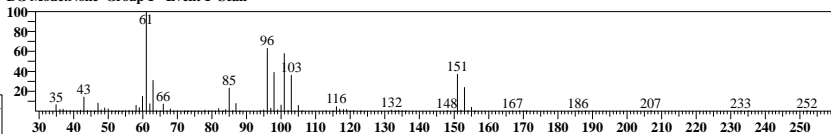
ID#9 R.Time:2.525(Scan#:247)

MassPeaks:45
RawMode:Averaged 2.500-2.550(241-253)
BG Mode:None Group 1 - Event 1 Scan



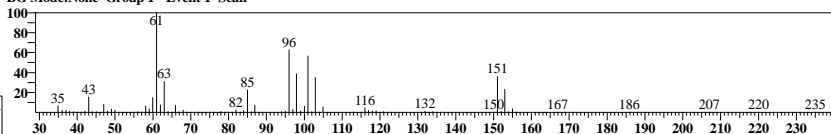
ID#10 R.Time:2.600(Scan#:265)

MassPeaks:98
RawMode:Averaged 2.567-2.617(257-269)
BG Mode:None Group 1 - Event 1 Scan



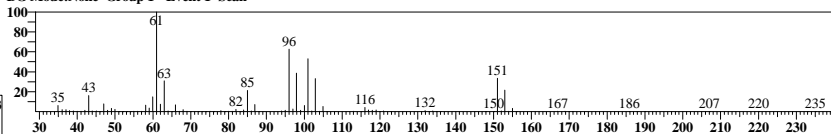
ID#11 R.Time:2.600(Scan#:265)

MassPeaks:98
RawMode:Averaged 2.575-2.625(259-271)
BG Mode:None Group 1 - Event 1 Scan



ID#12 R.Time:2.600(Scan#:265)

MassPeaks:98
RawMode:Averaged 2.583-2.633(261-273)
BG Mode:None Group 1 - Event 1 Scan

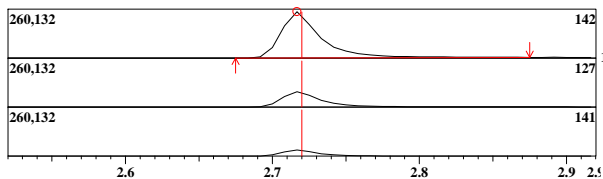


ID#:13 Name:Idomethane Type:Target No Manual Integration

Mass:142.00 R.T:2.717 Area:471147 Conc:197.65534ppm

Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	127.00	39951	33.88	35.00
2	141.00	15648	13.27	13.00

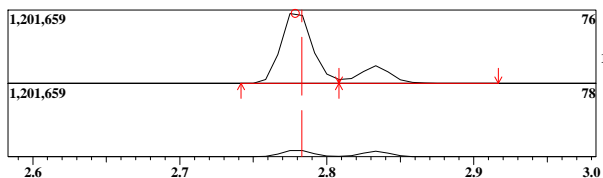


ID#:14 Name:Carbon Disulfide Type:Target No Manual Integration

Mass:76.00 R.T:2.779 Area:1763511 Conc:187.83191ppm

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	78.00	45030	9.11	9.00

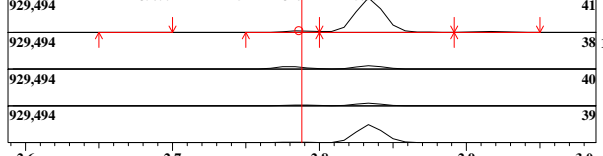


ID#:15 Name:Acetonitrile Type:Target No Manual Integration

Mass:41.00 R.T:2.786 Area:65650 Conc:195.47083ppm

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	38.00	32194	* 143.91	40.00
2	40.00	11419	51.04	20.00
3	39.00	7251	32.41	15.00

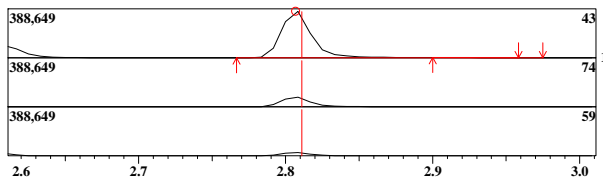


ID#:16 Name:Methyl Acetate Type:Target No Manual Integration

Mass:43.00 R.T:2.807 Area:540330 Conc:217.63175ppm

Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	74.00	31257	21.19	40.00
2	59.00	10969	7.44	20.00

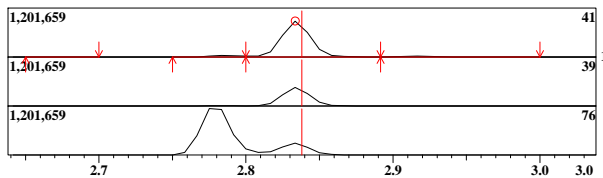


ID#:17 Name:Allyl Chloride(3-Chloroprene) Type:Target No Manual Integration

Mass:41.00 R.T:2.834 Area:1228174 Conc:194.93922ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	39.00	177623	51.31	40.00
2	76.00	129574	37.43	5.00

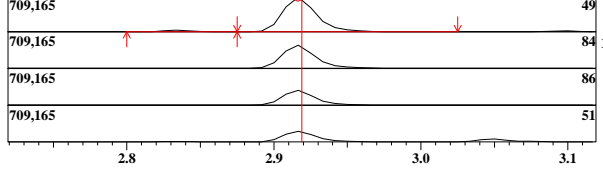


ID#:18 Name:Methylene Chloride Type:Target No Manual Integration

Mass:49.00 R.T:2.917 Area:1081180 Conc:179.99048ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	84.00	198191	66.54	64.00
2	86.00	125422	42.11	40.00
3	51.00	93247	31.31	30.00

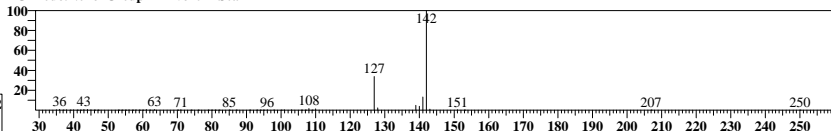


ID#:13 R.Time:2.717(Scan#:293)

MassPeaks:59

RawMode:Averaged 2.692-2.742(287-299)

BG Mode:None Group 1 - Event 1 Scan

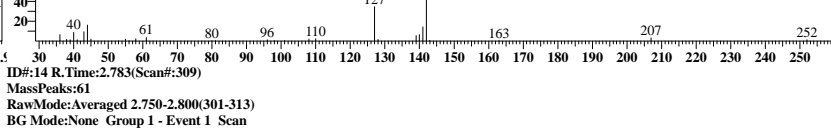


ID#:14 R.Time:2.783(Scan#:309)

MassPeaks:61

RawMode:Averaged 2.750-2.800(301-313)

BG Mode:None Group 1 - Event 1 Scan

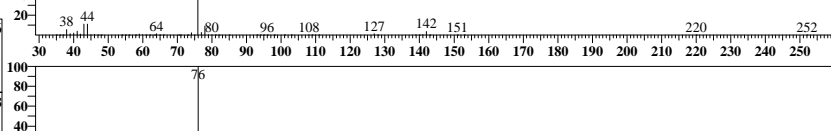


ID#:15 R.Time:2.783(Scan#:309)

MassPeaks:61

RawMode:Averaged 2.750-2.800(301-313)

BG Mode:None Group 1 - Event 1 Scan



ID#:16 R.Time:2.825(Scan#:319)

MassPeaks:64

RawMode:Averaged 2.783-2.833(309-321)

BG Mode:None Group 1 - Event 1 Scan

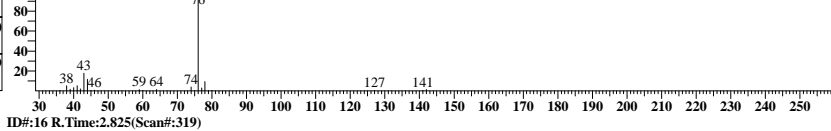


ID#:17 R.Time:2.833(Scan#:321)

MassPeaks:61

RawMode:Averaged 2.808-2.858(315-327)

BG Mode:None Group 1 - Event 1 Scan

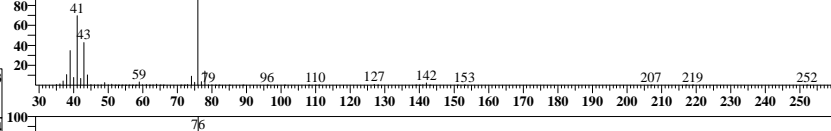


ID#:18 R.Time:2.917(Scan#:341)

MassPeaks:52

RawMode:Averaged 2.892-2.942(335-347)

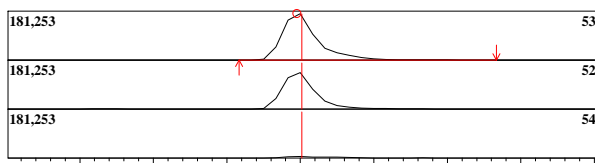
BG Mode:None Group 1 - Event 1 Scan



ID#:19 Name:Acrylonitrile Type:Target No Manual Integration

Mass:53.00 R.T:3.048 Area:293153 Conc:214.47677ppm
Event:1:Scan SI:96

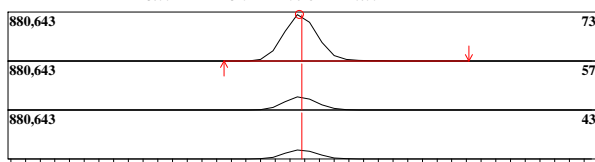
#	m/z	Area	Ratio	Reference
1	52.00	58994	76.08	40.00
2	54.00	3673	4.74	10.00



ID#:20 Name:MTBE Type:Target No Manual Integration

Mass:73.00 R.T:3.077 Area:1405648 Conc:197.53742ppm
Event:1:Scan SI:96

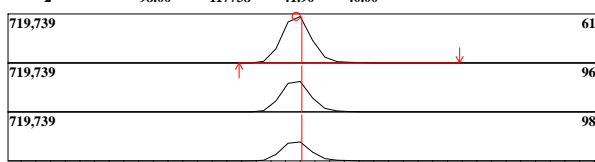
#	m/z	Area	Ratio	Reference
1	57.00	110236	28.17	26.00
2	43.00	77319	19.76	20.00



ID#:21 Name:trans-1,2-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:3.097 Area:997620 Conc:195.74284ppm
Event:1:Scan SI:97

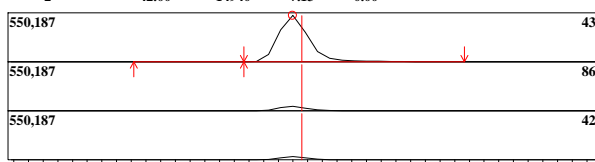
#	m/z	Area	Ratio	Reference
1	96.00	190379	67.76	64.00
2	98.00	117738	41.90	40.00



ID#:22 Name:Vinyl Acetate Type:Target No Manual Integration

Mass:43.00 R.T:3.350 Area:760797 Conc:172.94233ppm
Event:1:Scan SI:94

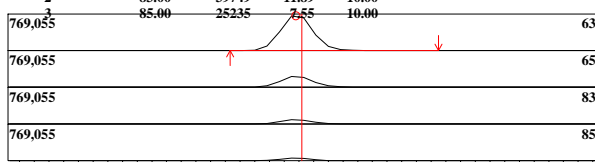
#	m/z	Area	Ratio	Reference
1	86.00	21057	10.05	10.00
2	42.00	14940	7.13	0.00



ID#:23 Name:1,1-Dichloroethane Type:Target No Manual Integration

Mass:63.00 R.T:3.378 Area:1190112 Conc:195.13389ppm
Event:1:Scan SI:97

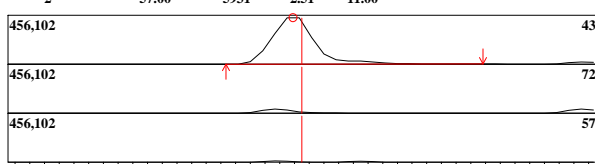
#	m/z	Area	Ratio	Reference
1	65.00	101858	30.48	30.00
2	83.00	39749	11.89	10.00
3	85.00	25235	7.55	10.00



ID#:24 Name:2-Butanone(MEK) Type:Target No Manual Integration

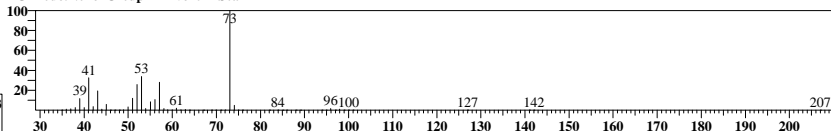
Mass:43.00 R.T:3.729 Area:898035 Conc:209.94288ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	72.00	18498	7.83	30.00
2	57.00	5931	2.51	11.00



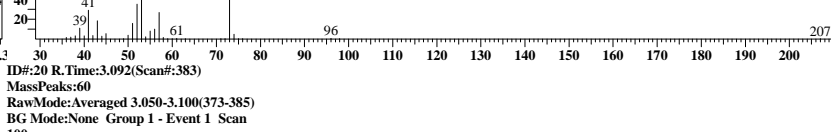
ID#:19 R.Time:3.067(Scan#:377)

MassPeaks:57
RawMode:Averaged 3.025-3.075(367-379)
BG Mode:None Group 1 - Event 1 Scan



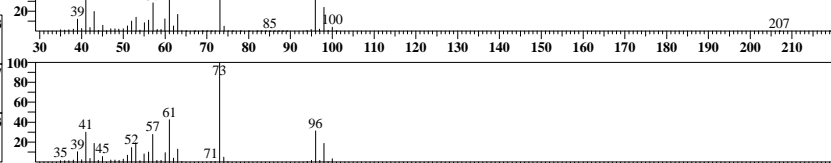
ID#:20 R.Time:3.092(Scan#:383)

MassPeaks:60
RawMode:Averaged 3.050-3.100(373-385)
BG Mode:None Group 1 - Event 1 Scan



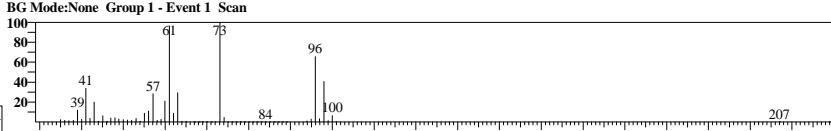
ID#:21 R.Time:3.092(Scan#:383)

MassPeaks:64
RawMode:Averaged 3.075-3.125(379-391)
BG Mode:None Group 1 - Event 1 Scan



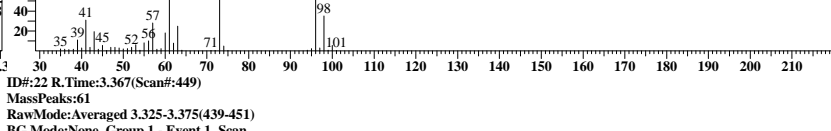
ID#:22 R.Time:3.367(Scan#:449)

MassPeaks:61
RawMode:Averaged 3.325-3.375(439-451)
BG Mode:None Group 1 - Event 1 Scan



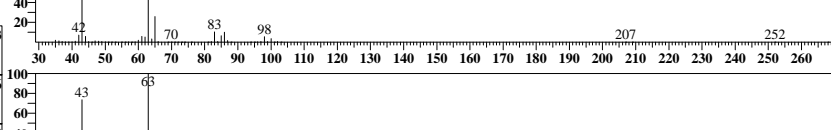
ID#:23 R.Time:3.375(Scan#:451)

MassPeaks:64
RawMode:Averaged 3.350-3.400(445-457)
BG Mode:None Group 1 - Event 1 Scan



ID#:24 R.Time:3.742(Scan#:539)

MassPeaks:65
RawMode:Averaged 3.700-3.750(529-541)
BG Mode:None Group 1 - Event 1 Scan



ID#:24 R.Time:3.742(Scan#:539)

MassPeaks:65
RawMode:Averaged 3.700-3.750(529-541)
BG Mode:None Group 1 - Event 1 Scan

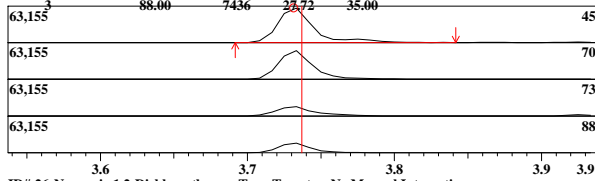


ID#:25 Name:Ethyl Acetate Type:Target No Manual Integration

Mass:45.00 R.T:3.731 Area:103920 Conc:200.58998ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	70.00	22149	82.58	100.00
2	73.00	8164	30.44	45.00
3	88.00	7436	27.72	35.00

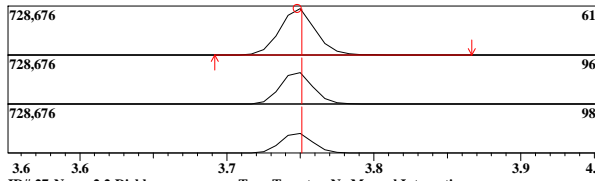


ID#:26 Name:cis-1,2-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:3.748 Area:1186275 Conc:200.28906ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	96.00	210871	63.84	55.00
2	98.00	131620	39.85	35.00

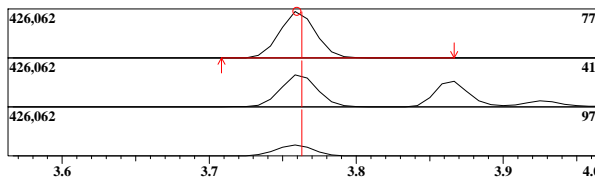


ID#:27 Name:2,2-Dichloropropane Type:Target No Manual Integration

Mass:77.00 R.T:3.760 Area:698253 Conc:185.37245ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	41.00	138919	70.94	80.00
2	97.00	49838	25.45	20.00

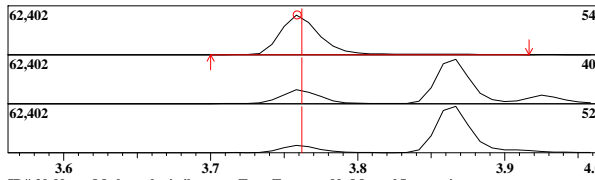


ID#:28 Name:Propionitrile(Ethyl cyanide) Type:Target No Manual Integration

Mass:54.00 R.T:3.759 Area:97472 Conc:199.82279ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	40.00	9130	35.82	30.00
2	52.00	4894	19.20	10.00

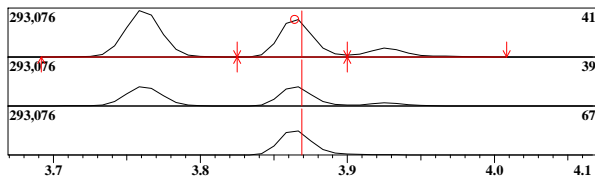


ID#:29 Name:Methacrylonitrile Type:Target No Manual Integration

Mass:41.00 R.T:3.864 Area:370280 Conc:223.02131ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	39.00	53739	51.16	62.00
2	67.00	68010	64.75	62.00

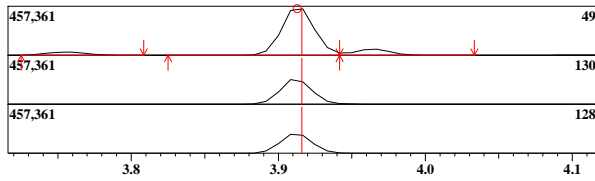


ID#:30 Name:Bromochloromethane Type:Target No Manual Integration

Mass:49.00 R.T:3.913 Area:710265 Conc:179.54965ppm

Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	130.00	103990	51.48	48.00
2	128.00	80915	40.06	38.00

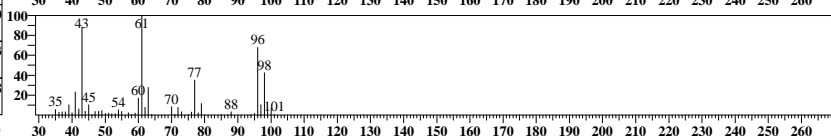
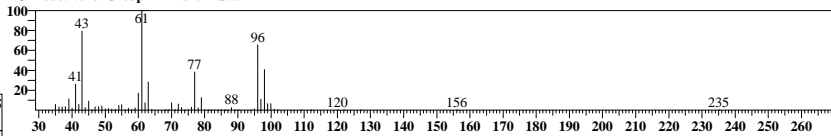


ID#:25 R.Time:3.750(Scan#:541)

MassPeaks:70

RawMode:Averaged 3.708-3.758(531-543)

BG Mode:None Group 1 - Event 1 Scan

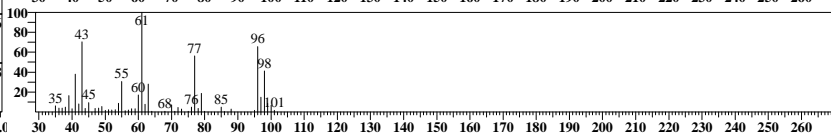
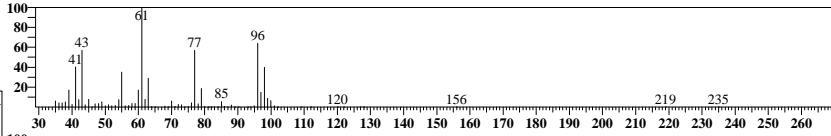


ID#:26 R.Time:3.750(Scan#:541)

MassPeaks:74

RawMode:Averaged 3.725-3.775(535-547)

BG Mode:None Group 1 - Event 1 Scan

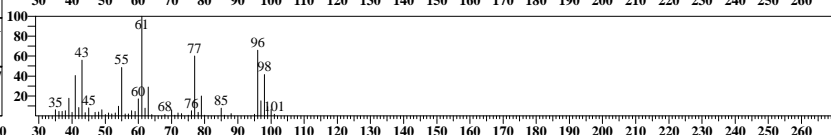
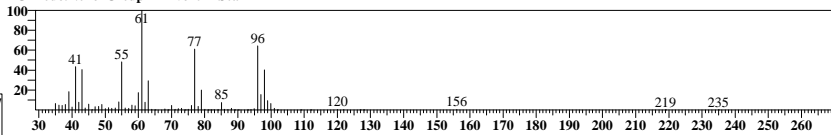


ID#:27 R.Time:3.750(Scan#:541)

MassPeaks:74

RawMode:Averaged 3.733-3.783(537-549)

BG Mode:None Group 1 - Event 1 Scan

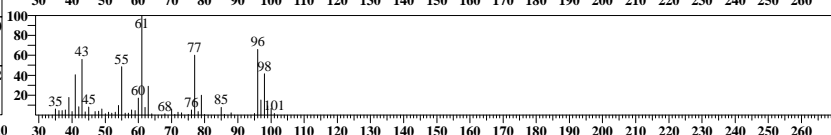
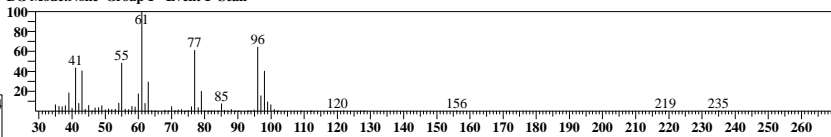


ID#:28 R.Time:3.750(Scan#:541)

MassPeaks:74

RawMode:Averaged 3.733-3.783(537-549)

BG Mode:None Group 1 - Event 1 Scan

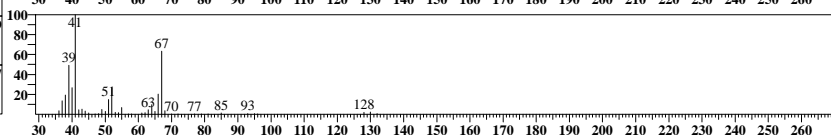
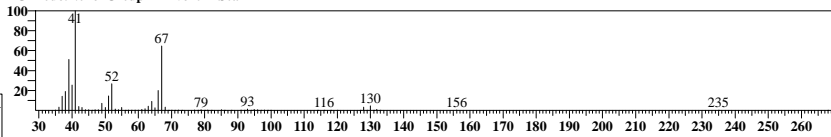


ID#:29 R.Time:3.867(Scan#:569)

MassPeaks:72

RawMode:Averaged 3.842-3.892(563-575)

BG Mode:None Group 1 - Event 1 Scan

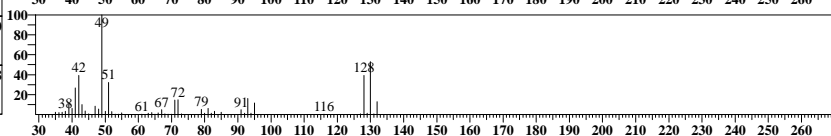
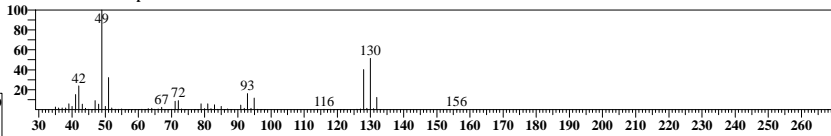


ID#:30 R.Time:3.917(Scan#:581)

MassPeaks:78

RawMode:Averaged 3.892-3.942(575-587)

BG Mode:None Group 1 - Event 1 Scan

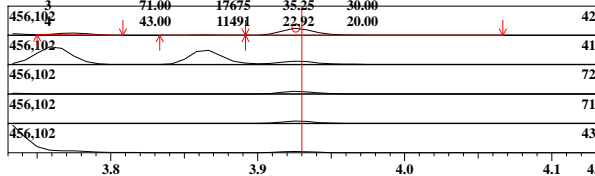


ID#:31 Name:Tetrahydrofuran Type:Target No Manual Integration

Mass:42.00 R.T:3.926 Area:185047 Conc:206.27587ppm

Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	41.00	29041	57.92	50.00
2	72.00	19185	38.27	30.00
3	71.00	17675	35.25	30.00
4	43.00	11491	22.92	20.00

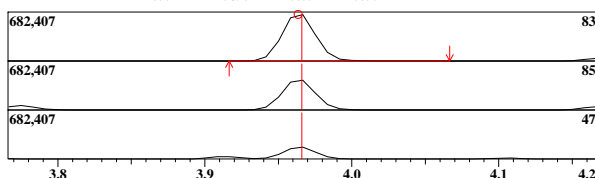


ID#:32 Name:Chloroform Type:Target No Manual Integration

Mass:83.00 R.T:3.964 Area:1073072 Conc:186.02903ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	85.00	195076	64.38	64.00
2	47.00	75895	25.05	25.00

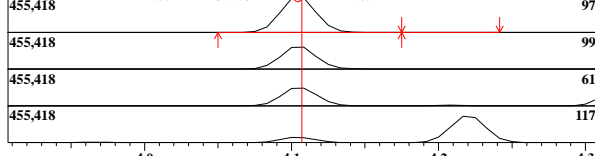


ID#:33 Name:1,1,1-Trichloroethane Type:Target No Manual Integration

Mass:97.00 R.T:4.104 Area:783158 Conc:196.00032ppm

Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	99.00	137436	62.45	64.00
2	61.00	113188	51.43	50.00
3	117.00	32908	14.95	10.00

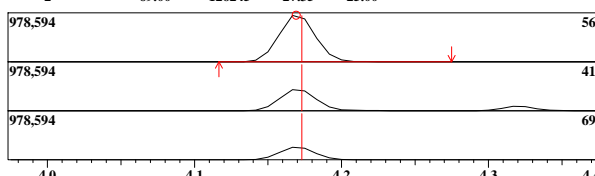


ID#:34 Name:Cyclohexane Type:Target No Manual Integration

Mass:56.00 R.T:4.169 Area:1651031 Conc:207.16069ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	41.00	214379	46.44	60.00
2	69.00	126245	27.35	25.00

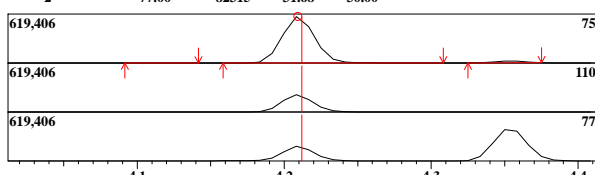


ID#:35 Name:1,1-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:4.209 Area:922916 Conc:182.54008ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	110.00	95535	36.77	34.00
2	77.00	82315	31.68	30.00

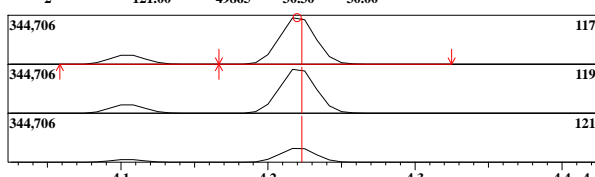


ID#:36 Name:Carbon tetrachloride Type:Target No Manual Integration

Mass:117.00 R.T:4.220 Area:587624 Conc:183.68602ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	119.00	155976	94.77	95.00
2	121.00	49865	30.30	30.00

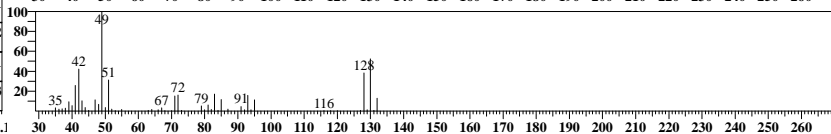
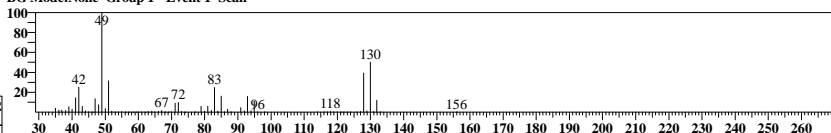


ID#:31 R.Time:3.917(Scan#:581)

MassPeaks:78

RawMode:Averaged 3.900-3.950(577-589)

BG Mode:None Group 1 - Event 1 Scan

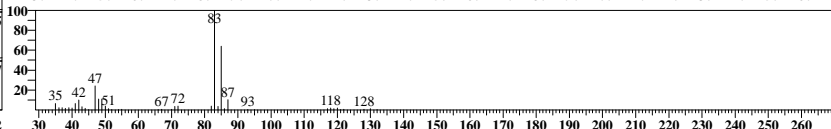
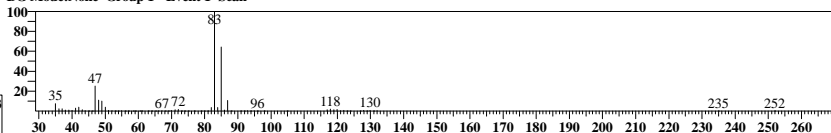


ID#:32 R.Time:3.967(Scan#:593)

MassPeaks:76

RawMode:Averaged 3.942-3.992(587-599)

BG Mode:None Group 1 - Event 1 Scan

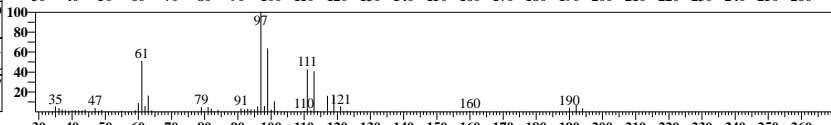
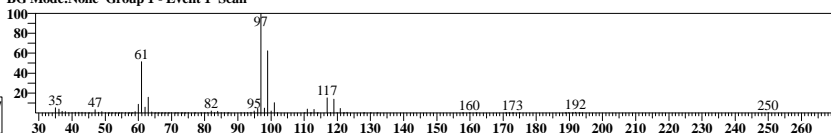


ID#:33 R.Time:4.108(Scan#:627)

MassPeaks:92

RawMode:Averaged 4.083-4.133(621-633)

BG Mode:None Group 1 - Event 1 Scan

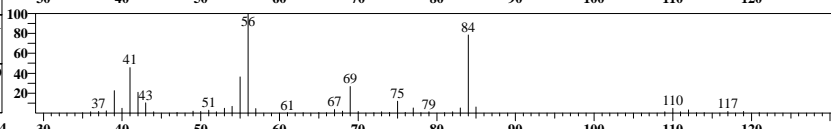
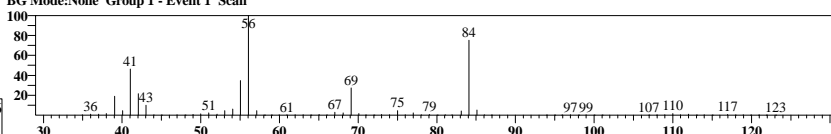


ID#:34 R.Time:4.167(Scan#:641)

MassPeaks:76

RawMode:Averaged 4.142-4.192(635-647)

BG Mode:None Group 1 - Event 1 Scan

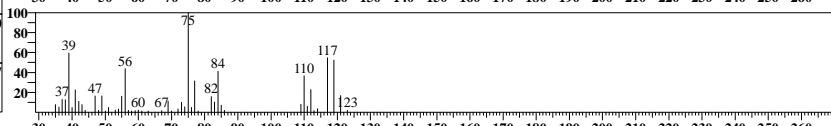
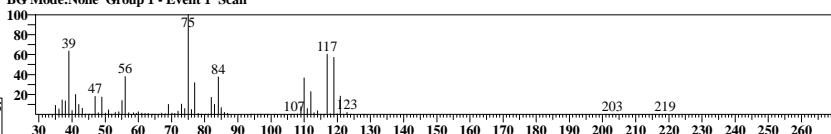


ID#:35 R.Time:4.208(Scan#:651)

MassPeaks:83

RawMode:Averaged 4.183-4.233(645-657)

BG Mode:None Group 1 - Event 1 Scan

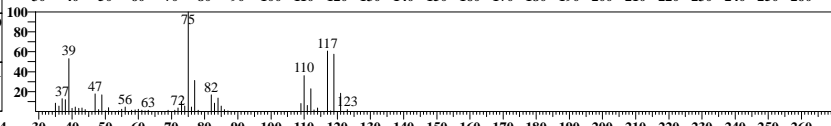
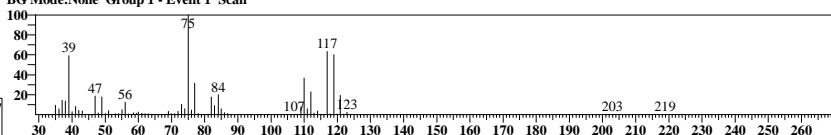


ID#:36 R.Time:4.208(Scan#:651)

MassPeaks:83

RawMode:Averaged 4.192-4.242(647-659)

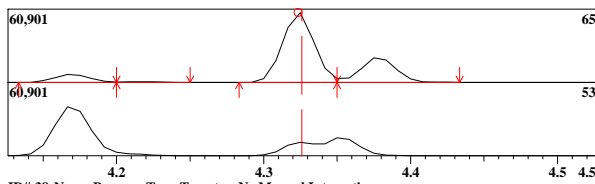
BG Mode:None Group 1 - Event 1 Scan



ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.324 Area:88401 Conc:47.36791ppb
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	53.00	8499	33.64	15.00

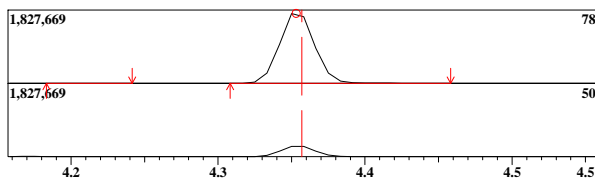


ID#:38 Name:Benzene Type:Target No Manual Integration

Mass:78.00 R.T:4.353 Area:2959782 Conc:179.77669ppb

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	50.00	125306	15.12	16.00

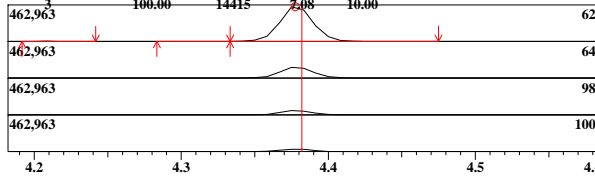


ID#:39 Name:1,2-Dichloroethane Type:Target No Manual Integration

Mass:62.00 R.T:4.378 Area:727585 Conc:188.02441ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	64.00	63294	31.09	30.00
2	98.00	23909	11.74	10.00
3	100.00	14415	7.08	10.00

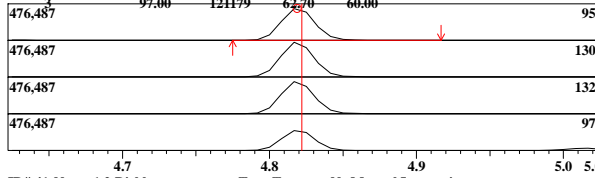


ID#:40 Name:Trichloroethene Type:Target No Manual Integration

Mass:95.00 R.T:4.819 Area:688179 Conc:196.71983ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	130.00	206200	106.70	95.00
2	132.00	191656	99.17	90.00
3	97.00	121179	62.70	60.00

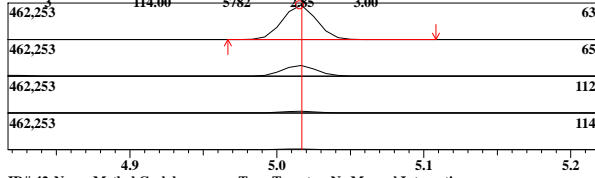


ID#:41 Name:1,2-Dichloropropane Type:Target No Manual Integration

Mass:63.00 R.T:5.016 Area:718671 Conc:197.47509ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	63857	31.49	30.00
2	112.00	10100	4.98	5.00
3	114.00	5782	2.85	3.00

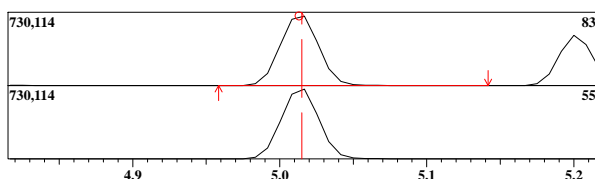


ID#:42 Name:Methyl Cyclohexane Type:Target No Manual Integration

Mass:83.00 R.T:5.013 Area:1290003 Conc:195.63777ppb

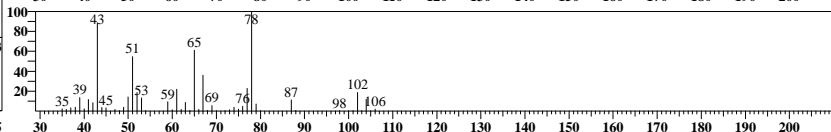
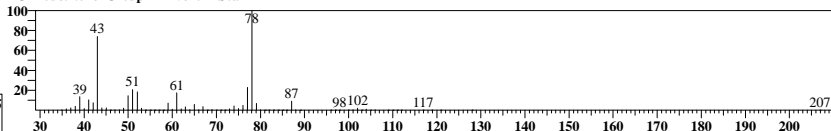
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	55.00	355100	98.18	80.00



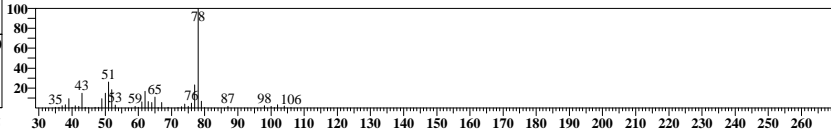
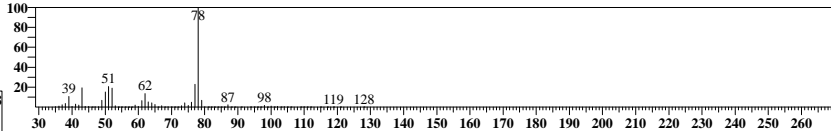
ID#:37 R.Time:4.342(Scan#:683)

MassPeaks:74
RawMode:Averaged 4.300-4.350(673-685)
BG Mode:None Group 1 - Event 1 Scan



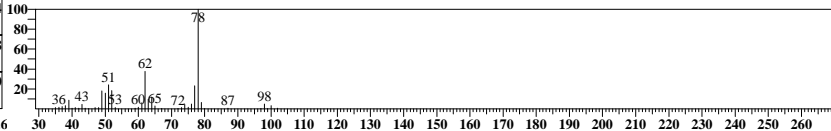
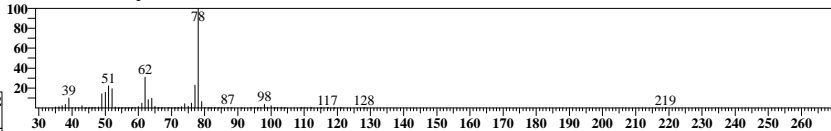
ID#:38 R.Time:4.350(Scan#:685)

MassPeaks:79
RawMode:Averaged 4.325-4.375(679-691)
BG Mode:None Group 1 - Event 1 Scan



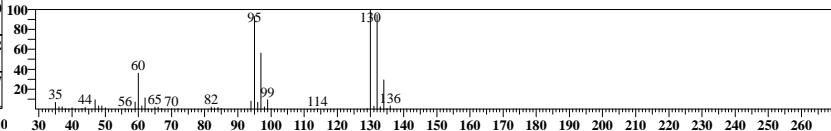
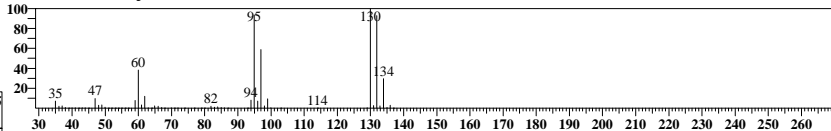
ID#:39 R.Time:4.358(Scan#:687)

MassPeaks:74
RawMode:Averaged 4.350-4.400(685-697)
BG Mode:None Group 1 - Event 1 Scan



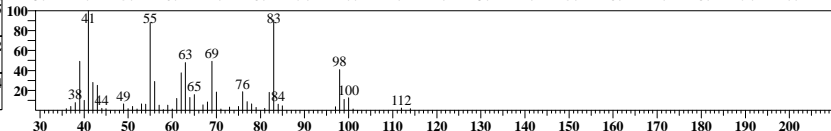
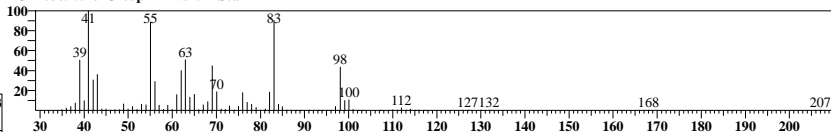
ID#:40 R.Time:4.817(Scan#:797)

MassPeaks:65
RawMode:Averaged 4.792-4.842(791-803)
BG Mode:None Group 1 - Event 1 Scan



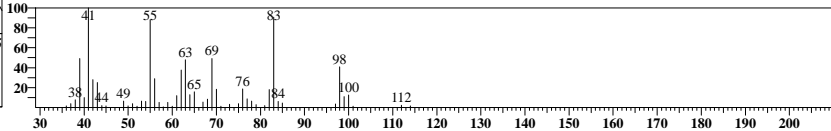
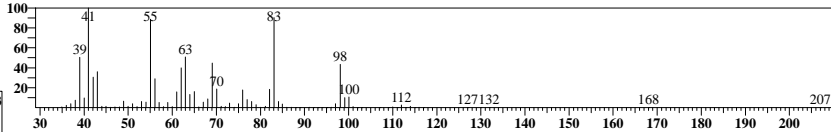
ID#:41 R.Time:5.017(Scan#:845)

MassPeaks:83
RawMode:Averaged 4.992-5.042(839-851)
BG Mode:None Group 1 - Event 1 Scan



ID#:42 R.Time:5.017(Scan#:845)

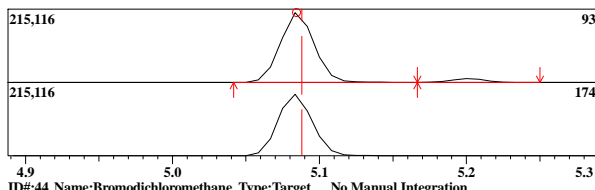
MassPeaks:83
RawMode:Averaged 4.992-5.042(839-851)
BG Mode:None Group 1 - Event 1 Scan



ID#:43 Name:Dibromomethane Type:Target No Manual Integration

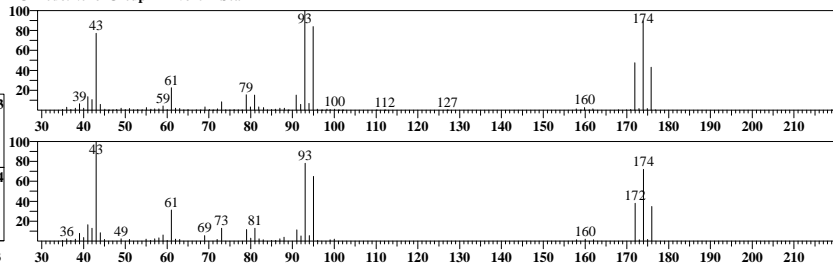
Mass:93.00 R.T:5.085 Area:330656 Conc:198.99485ppb

#	m/z	Area	Ratio	Reference
1	174.00	83431	89.82	30.00



ID#:43 R.Time:5.083(Scan#:861)

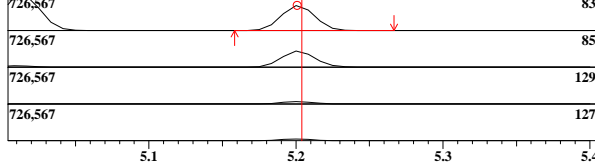
MassPeaks:84 RawMode:Averaged 5.058-5.108(855-867) BG Mode:None Group 1 - Event 1 Scan



ID#:44 Name:Bromodichloromethane Type:Target No Manual Integration

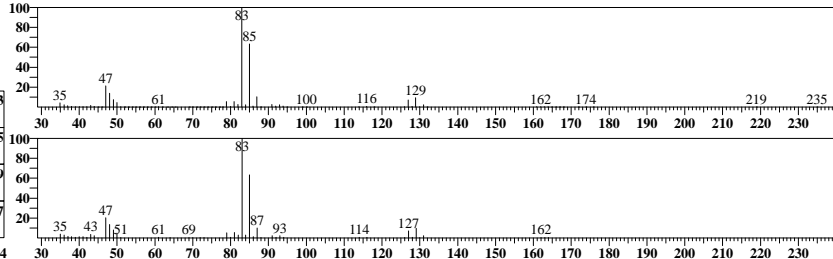
Mass:83.00 R.T:5.201 Area:822068 Conc:200.59004ppb

#	m/z	Area	Ratio	Reference
1	85.00	147519	63.35	63.00
2	129.00	21567	9.26	10.00
3	127.00	16721	7.38	5.00



ID#:44 R.Time:5.200(Scan#:889)

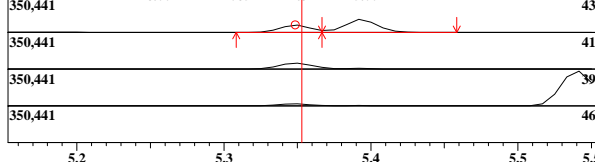
MassPeaks:81 RawMode:Averaged 5.175-5.225(883-895) BG Mode:None Group 1 - Event 1 Scan



ID#:45 Name:2-Nitropropane Type:Target No Manual Integration

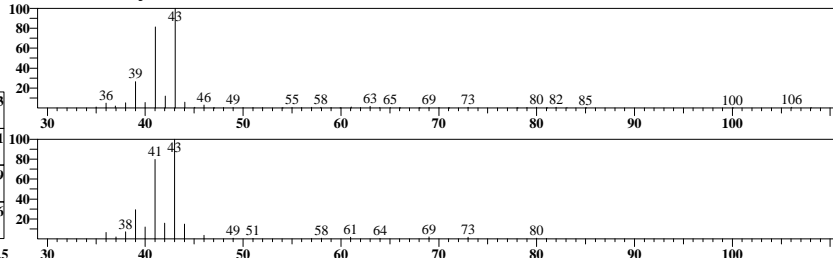
Mass:43.00 R.T:5.349 Area:107866 Conc:196.19598ppb

#	m/z	Area	Ratio	Reference
1	41.00	30571	*81.37	30.00
2	39.00	9867	26.26	15.00
3	46.00	1065	2.84	5.00



ID#:45 R.Time:5.350(Scan#:925)

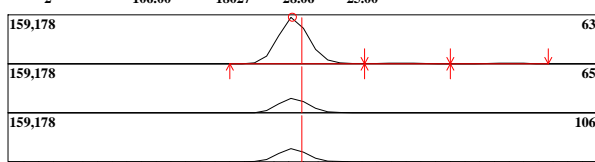
MassPeaks:46 RawMode:Averaged 5.325-5.367(919-929) BG Mode:None Group 1 - Event 1 Scan



ID#:46 Name:2-Chloroethylvinyl ether Type:Target No Manual Integration

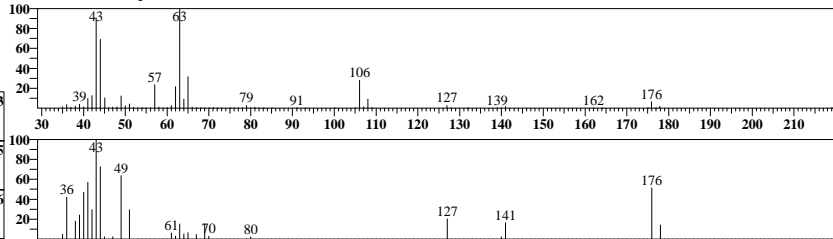
Mass:63.00 R.T:5.393 Area:227950 Conc:200.82817ppb

#	m/z	Area	Ratio	Reference
1	65.00	20301	31.60	30.00
2	106.00	18027	28.06	25.00



ID#:46 R.Time:5.392(Scan#:935)

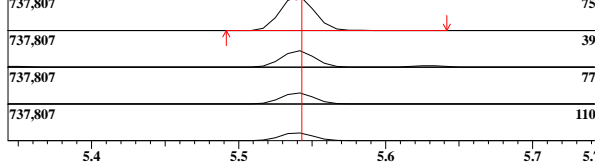
MassPeaks:70 RawMode:Averaged 5.367-5.417(929-941) BG Mode:None Group 1 - Event 1 Scan



ID#:47 Name:cis-1,3-Dichloropropene Type:Target No Manual Integration

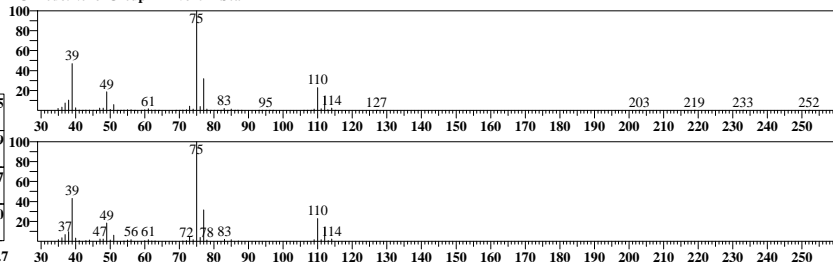
Mass:75.00 R.T:5.540 Area:1153528 Conc:212.11315ppb

#	m/z	Area	Ratio	Reference
1	39.00	152259	46.87	60.00
2	77.00	102982	31.70	31.00
3	110.00	73788	22.71	20.00



ID#:47 R.Time:5.542(Scan#:971)

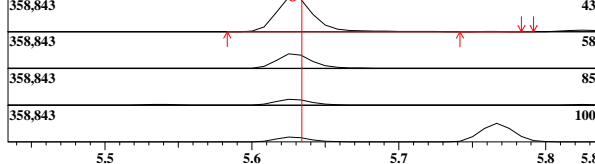
MassPeaks:69 RawMode:Averaged 5.517-5.567(965-977) BG Mode:None Group 1 - Event 1 Scan



ID#:48 Name:4-Methyl-2-Pentanone(MIBK) Type:Target No Manual Integration

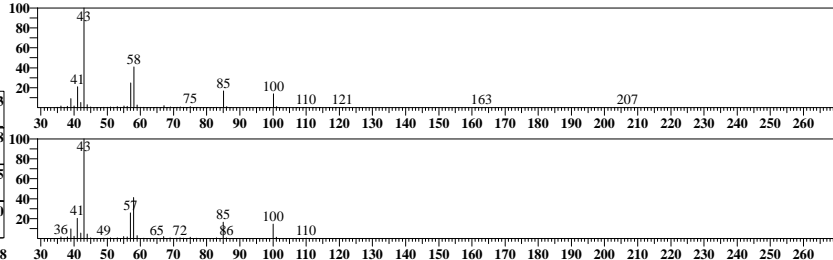
Mass:43.00 R.T:5.628 Area:601984 Conc:225.16460ppb

#	m/z	Area	Ratio	Reference
1	58.00	66819	40.92	40.00
2	85.00	27341	16.74	15.00
3	100.00	22568	13.82	15.00



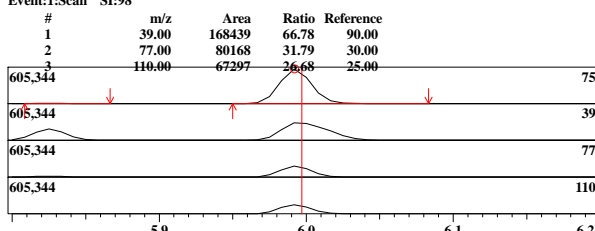
ID#:48 R.Time:5.625(Scan#:991)

MassPeaks:70 RawMode:Averaged 5.600-5.650(985-997) BG Mode:None Group 1 - Event 1 Scan



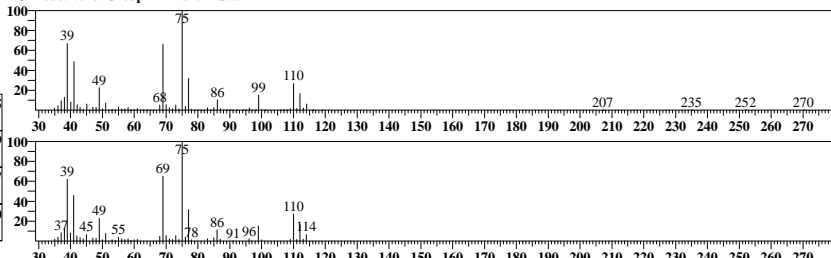
ID#:49 Name:trans-1,3-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:5.992 Area:895486 Conc:223.58198ppb
Event:1:Scan SI:98



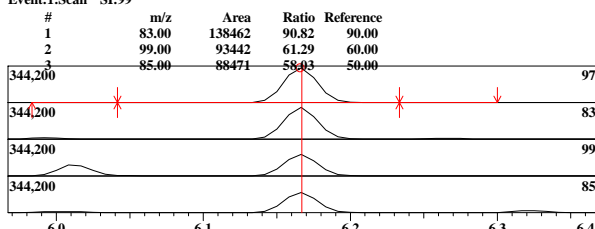
ID#:49 R.Time:6.000(Scan#:1081)

MassPeaks:82
RawMode:Averaged 5.967-6.017(1073-1085)
BG Mode:None Group 1 - Event 1 Scan



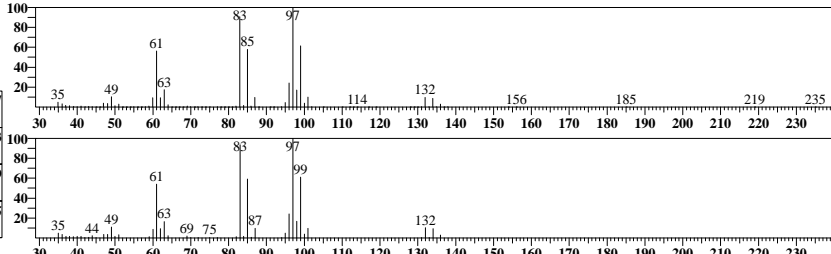
ID#:50 Name:1,1,2-Trichloroethane Type:Target No Manual Integration

Mass:97.00 R.T:6.166 Area:539317 Conc:199.65555ppb
Event:1:Scan SI:99



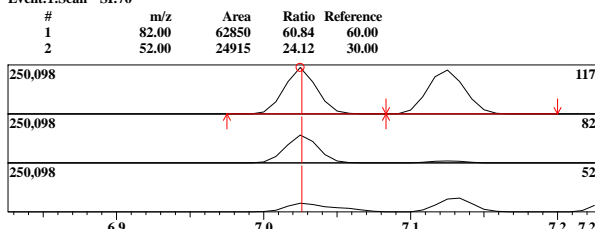
ID#:50 R.Time:6.167(Scan#:1121)

MassPeaks:87
RawMode:Averaged 6.142-6.192(1115-1127)
BG Mode:None Group 1 - Event 1 Scan



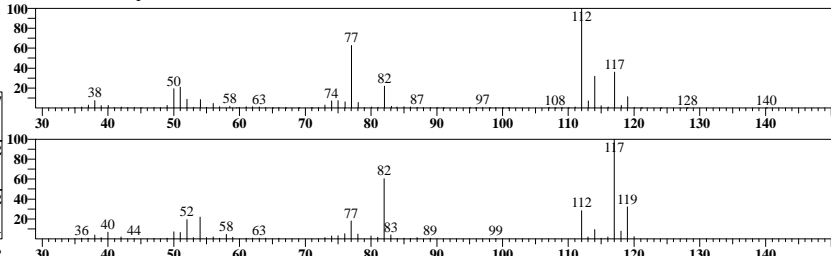
ID#:51 Name:Chlorobenzene-d5 (IS) Type:ISTD No Manual Integration

Mass:117.00 R.T:7.025 Area:365079 Conc:50.00000ppb
Event:1:Scan SI:76



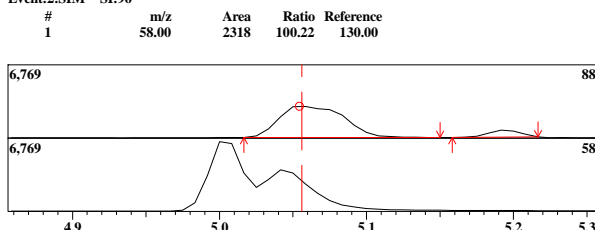
ID#:51 R.Time:7.042(Scan#:1331)

MassPeaks:79
RawMode:Averaged 7.000-7.050(1321-1333)
BG Mode:None Group 1 - Event 1 Scan



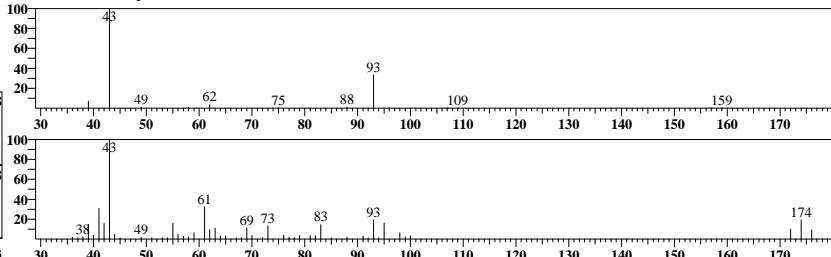
ID#:52 Name:1,4-Dioxane Type:Target No Manual Integration

Mass:88.00 R.T:5.055 Area:8892 Conc:201.65965ppb
Event:2:SIM SI:96



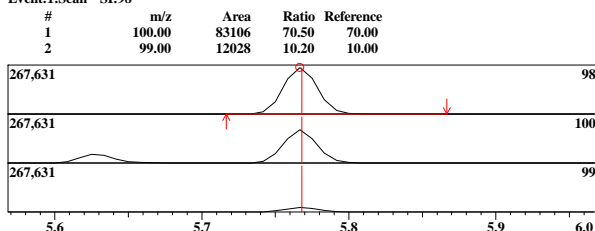
ID#:52 R.Time:5.042(Scan#:852)

MassPeaks:13
RawMode:Averaged 5.033-5.083(850-862)
BG Mode:None Group 1 - Event 2 SIM



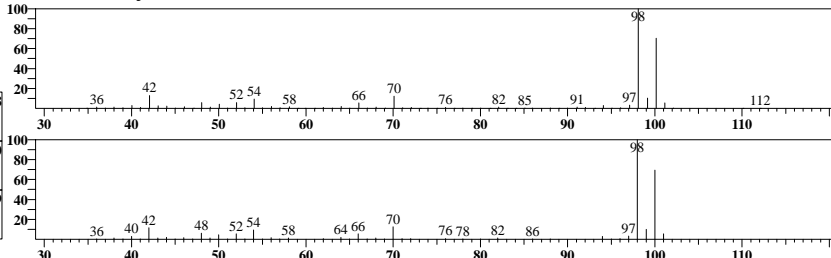
ID#:53 Name:Toluene-d8 Type:Surrogate/SMC No Manual Integration

Mass:98.00 R.T:5.767 Area:418699 Conc:50.16333ppb
Event:1:Scan SI:98



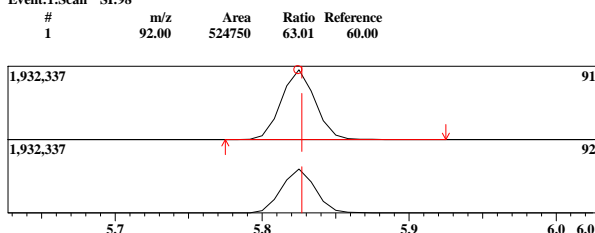
ID#:53 R.Time:5.767(Scan#:1025)

MassPeaks:69
RawMode:Averaged 5.742-5.792(1019-1031)
BG Mode:None Group 1 - Event 1 Scan



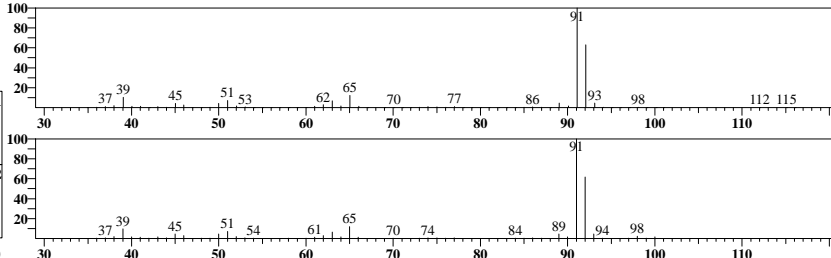
ID#:54 Name:Toluene Type:Target No Manual Integration

Mass:91.00 R.T:5.824 Area:2955487 Conc:193.59313ppb
Event:1:Scan SI:98



ID#:54 R.Time:5.825(Scan#:1039)

MassPeaks:69
RawMode:Averaged 5.800-5.850(1033-1045)
BG Mode:None Group 1 - Event 1 Scan

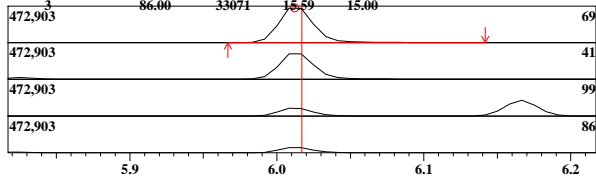


ID#:55 Name:Ethyl Methacrylate Type:Target No Manual Integration

Mass:69.00 R.T:6.012 Area:778248 Conc:198.30925ppb

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	41.00	157376	74.18	80.00
2	99.00	47758	22.51	20.00
3	86.00	33071	15.59	15.00

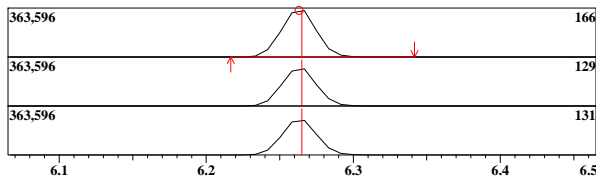


ID#:56 Name:Tetrachloroethene Type:Target No Manual Integration

Mass:166.00 R.T:6.263 Area:600584 Conc:190.26297ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	129.00	135287	79.99	85.00
2	131.00	126864	75.01	80.00

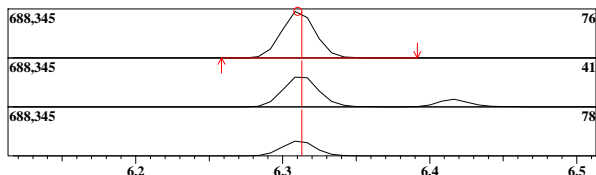


ID#:57 Name:1,3-Dichloropropane Type:Target No Manual Integration

Mass:76.00 R.T:6.310 Area:1069685 Conc:190.03883ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	41.00	208232	69.03	85.00
2	78.00	97486	32.32	30.00

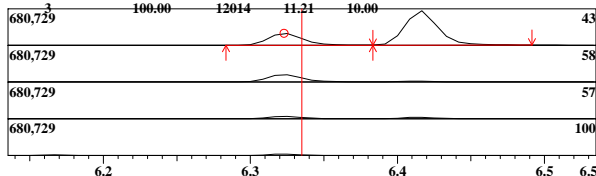


ID#:58 Name:2-Hexanone(MBK) Type:Target No Manual Integration

Mass:43.00 R.T:6.323 Area:380230 Conc:197.22061ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	58.00	63718	59.47	50.00
2	57.00	21341	19.92	20.00
3	100.00	12014	11.21	10.00

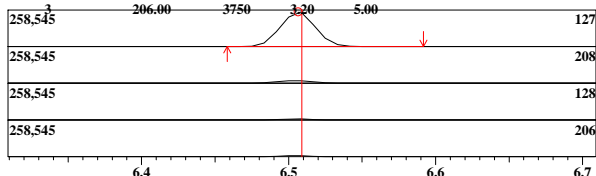


ID#:59 Name:Dibromochloromethane Type:Target No Manual Integration

Mass:127.00 R.T:6.507 Area:415319 Conc:214.26978ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	208.00	8545	7.29	7.00
2	128.00	3320	2.83	5.00
3	206.00	3750	3.20	5.00

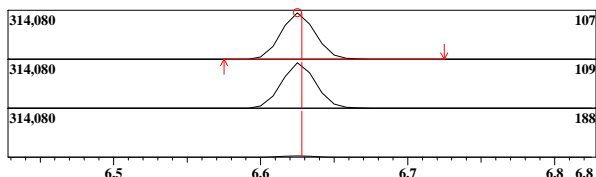


ID#:60 Name:1,2-Dibromoethane Type:Target No Manual Integration

Mass:107.00 R.T:6.625 Area:494754 Conc:199.12005ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	109.00	135539	97.34	90.00
2	188.00	4396	3.16	5.00

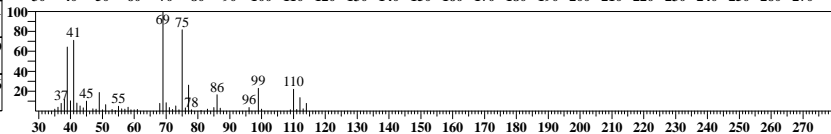
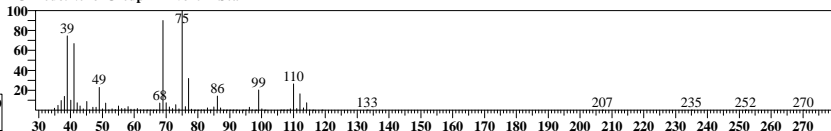


ID#:55 R.Time:6.000(Scan#:1081)

MassPeaks:83

RawMode:Averaged 5.983-6.033(1077-1089)

BG Mode:None Group 1 - Event 1 Scan

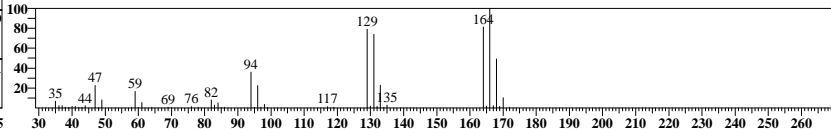
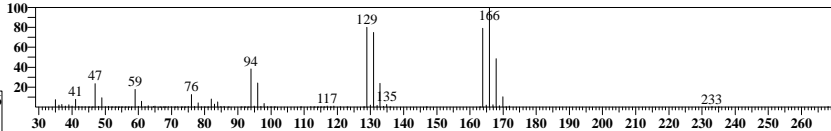


ID#:56 R.Time:6.267(Scan#:1145)

MassPeaks:99

RawMode:Averaged 6.242-6.292(1139-1151)

BG Mode:None Group 1 - Event 1 Scan

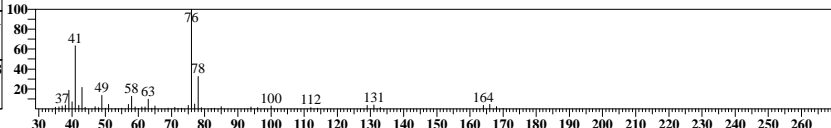
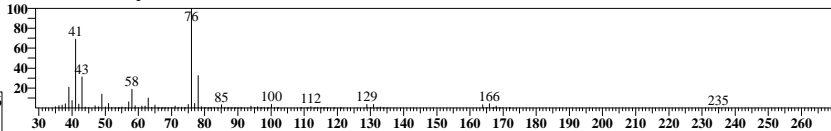


ID#:57 R.Time:6.317(Scan#:1157)

MassPeaks:92

RawMode:Averaged 6.283-6.333(1149-1161)

BG Mode:None Group 1 - Event 1 Scan

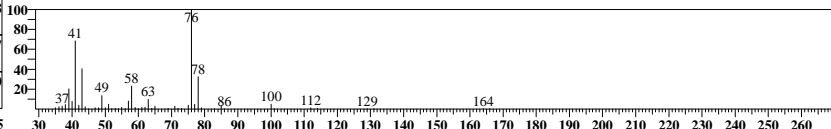
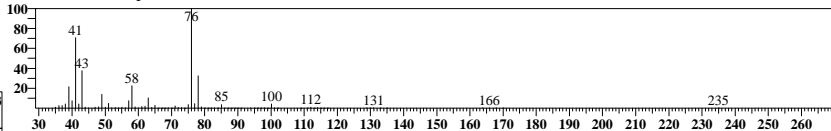


ID#:58 R.Time:6.317(Scan#:1157)

MassPeaks:84

RawMode:Averaged 6.300-6.350(1153-1165)

BG Mode:None Group 1 - Event 1 Scan

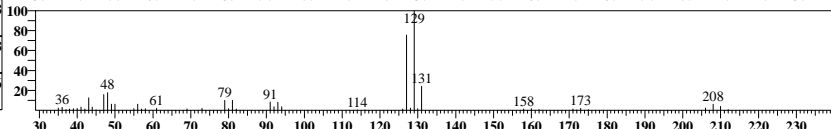
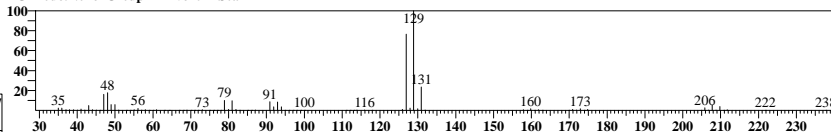


ID#:59 R.Time:6.508(Scan#:1203)

MassPeaks:92

RawMode:Averaged 6.483-6.533(1197-1209)

BG Mode:None Group 1 - Event 1 Scan

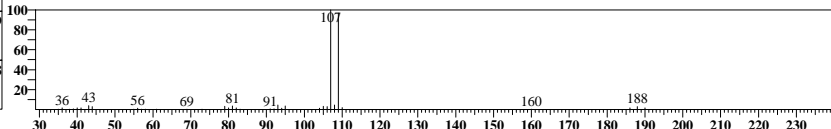
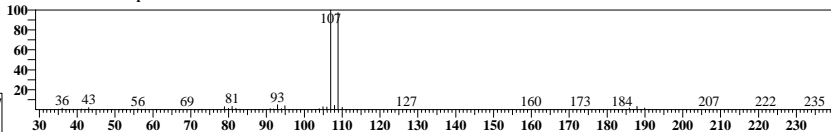


ID#:60 R.Time:6.625(Scan#:1231)

MassPeaks:75

RawMode:Averaged 6.600-6.650(1225-1237)

BG Mode:None Group 1 - Event 1 Scan

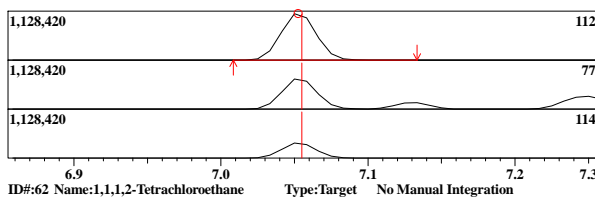


ID#:61 Name:Chlorobenzene Type:Target No Manual Integration

Mass:112.00 R.T:7.052 Area:1838675 Conc:181.84392ppb

Event:1:Scan SI:82

#	m/z	Area	Ratio	Reference
1	77.00	334475	64.60	65.00
2	114.00	165517	31.97	30.00

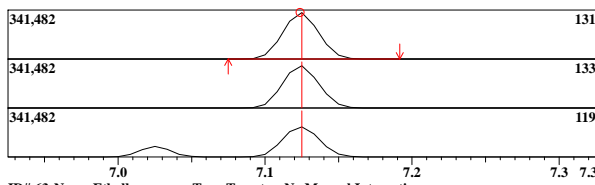


ID#:62 Name:1,1,1,2-Tetrachloroethane Type:Target No Manual Integration

Mass:131.00 R.T:7.124 Area:560317 Conc:204.01829ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	133.00	146682	92.60	90.00
2	119.00	106796	67.42	70.00

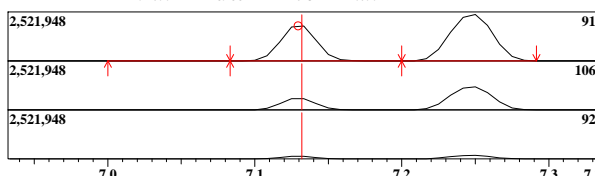


ID#:63 Name:Ethylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:7.130 Area:3182947 Conc:194.19912ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	106.00	295733	32.80	33.00
2	92.00	69667	7.73	10.00

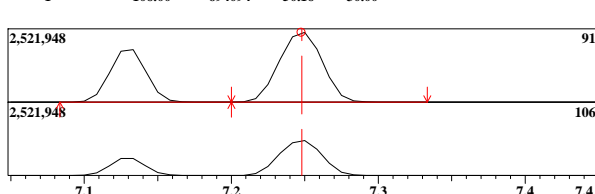


ID#:64 Name:Xylene-mp Type:Target No Manual Integration

Mass:91.00 R.T:7.248 Area:4945258 Conc:365.79802ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	106.00	694094	50.16	30.00

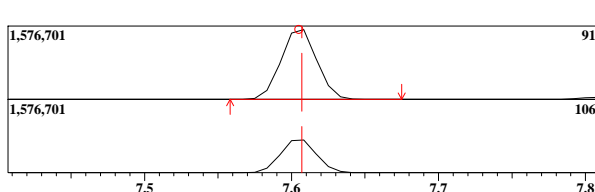


ID#:65 Name:Xylene-o Type:Target No Manual Integration

Mass:91.00 R.T:7.605 Area:2583542 Conc:195.90171ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	106.00	350014	47.74	50.00

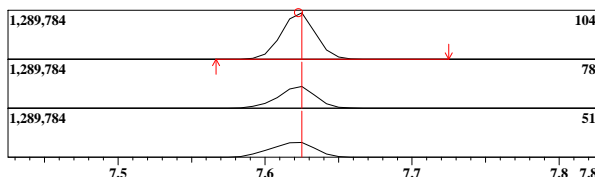


ID#:66 Name:Styrene Type:Target No Manual Integration

Mass:104.00 R.T:7.623 Area:2025867 Conc:195.58907ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	78.00	287048	50.38	50.00
2	51.00	229645	40.31	40.00

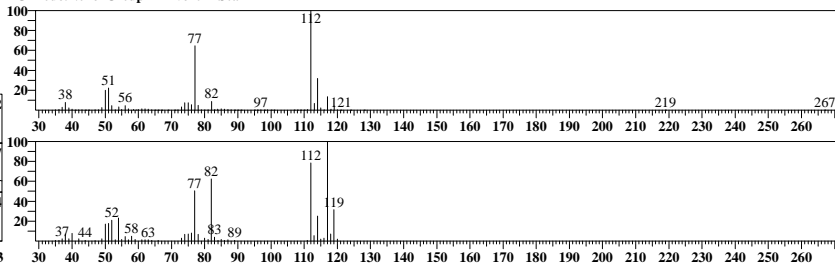


ID#:61 R.Time:7.050(Scan#:1333)

MassPeaks:80

RawMode:Averaged 7.025-7.075(1327-1339)

BG Mode:None Group 1 - Event 1 Scan

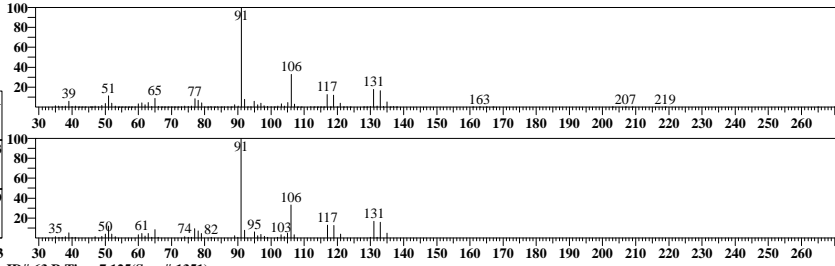


ID#:62 R.Time:7.125(Scan#:1351)

MassPeaks:109

RawMode:Averaged 7.100-7.150(1345-1357)

BG Mode:None Group 1 - Event 1 Scan

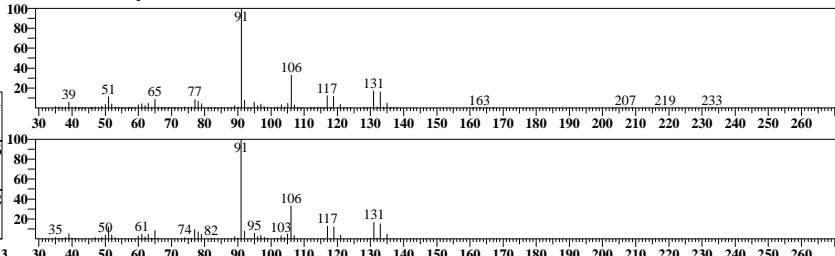


ID#:63 R.Time:7.125(Scan#:1351)

MassPeaks:110

RawMode:Averaged 7.108-7.158(1347-1359)

BG Mode:None Group 1 - Event 1 Scan

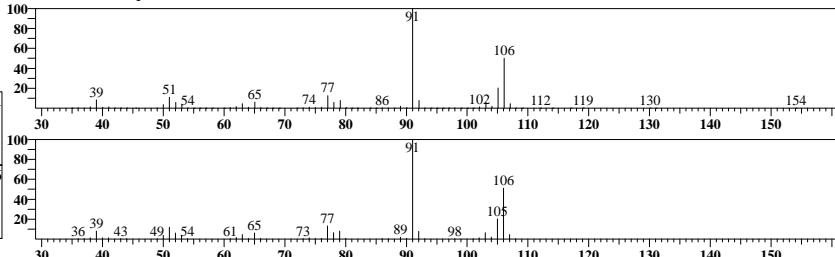


ID#:64 R.Time:7.250(Scan#:1381)

MassPeaks:75

RawMode:Averaged 7.225-7.275(1375-1387)

BG Mode:None Group 1 - Event 1 Scan

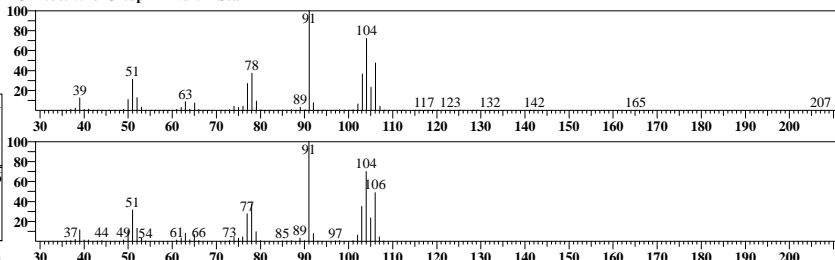


ID#:65 R.Time:7.617(Scan#:1469)

MassPeaks:89

RawMode:Averaged 7.583-7.633(1461-1473)

BG Mode:None Group 1 - Event 1 Scan

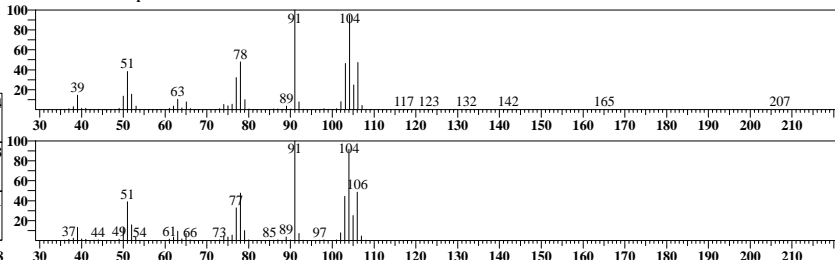


ID#:66 R.Time:7.617(Scan#:1469)

MassPeaks:88

RawMode:Averaged 7.600-7.650(1465-1477)

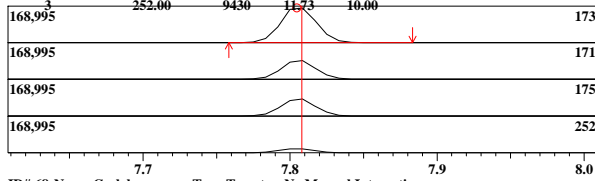
BG Mode:None Group 1 - Event 1 Scan



ID#:67 Name:Bromoform Type:Target No Manual Integration

Mass:173.00 R.T:7.805 Area:284441 Conc:221.75728ppb
Event:1:Scan SI:97

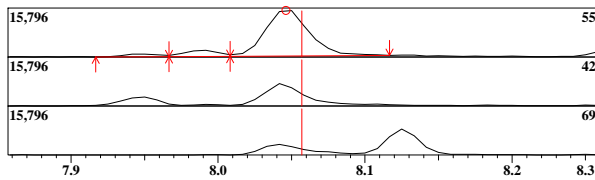
#	m/z	Area	Ratio	Reference
1	171.00	41651	51.81	50.00
2	175.00	38047	47.33	50.00
3	252.00	9430	11.73	10.00



ID#:68 Name:Cyclohexanone Type:Target No Manual Integration

Mass:55.00 R.T:8.046 Area:30858 Conc:197.82063ppb
Event:1:Scan SI:90

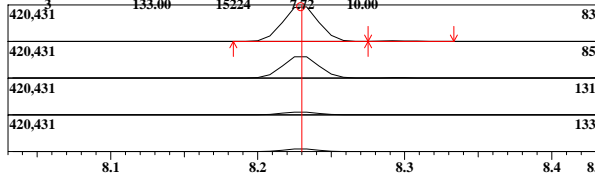
#	m/z	Area	Ratio	Reference
1	42.00	3838	43.58	40.00
2	69.00	2050	23.28	20.00



ID#:69 Name:1,1,2,2-Tetrachloroethane Type:Target No Manual Integration

Mass:83.00 R.T:8.229 Area:698162 Conc:200.96108ppb
Event:1:Scan SI:95

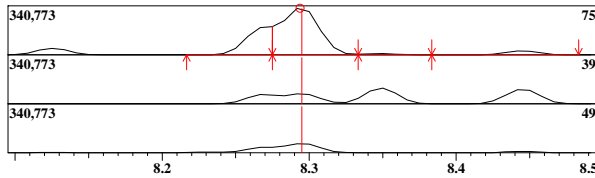
#	m/z	Area	Ratio	Reference
1	85.00	123084	62.43	60.00
2	131.00	16633	8.44	10.00
3	133.00	15224	7.72	10.00



ID#:70 Name:1,2,3-Trichloropropane Type:Target Manual Integration Performed
Manual Reason: Split Peak ABO 02/08/22

Mass:75.00 R.T:8.294 Area:547226 Conc:200.38548ppb
Event:1:Scan SI:99

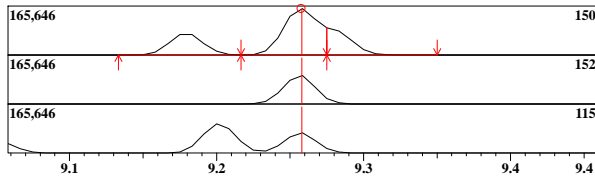
#	m/z	Area	Ratio	Reference
1	39.00	50677	23.81	45.00
2	49.00	42859	20.13	16.00



ID#:71 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split Peak ABO 02/08/22

Mass:150.00 R.T:9.258 Area:288930 Conc:50.00000ppb
Event:1:Scan SI:81

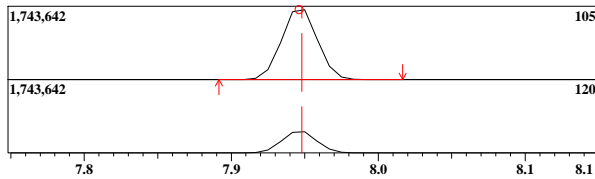
#	m/z	Area	Ratio	Reference
1	152.00	50469	52.51	40.00
2	115.00	35885	37.34	25.00



ID#:72 Name:Isopropylbenzene Type:Target No Manual Integration

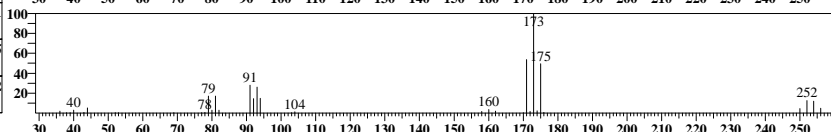
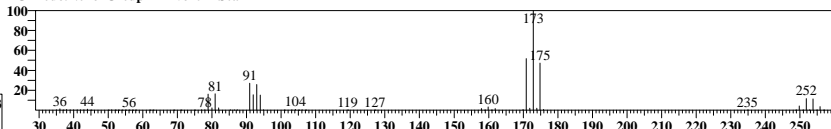
Mass:105.00 R.T:7.946 Area:2900841 Conc:174.25069ppb
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	120.00	250251	30.43	30.00



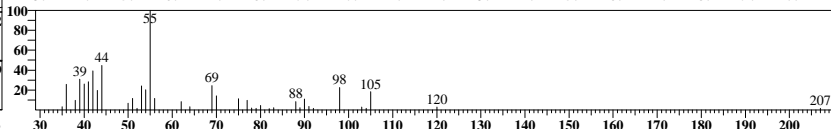
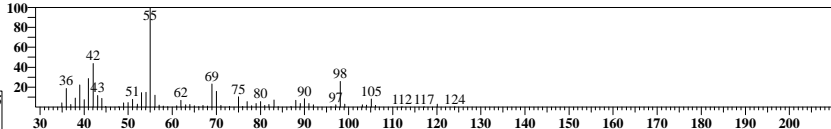
ID#:67 R.Time:7.808(Scan#:1515)

MassPeaks:69
RawMode:Averaged 7.783-7.833(1509-1521)
BG Mode:None Group 1 - Event 1 Scan



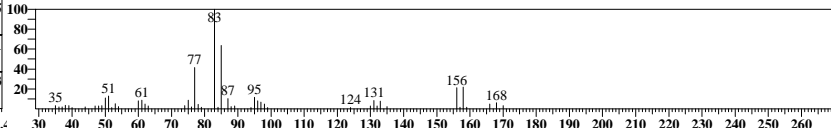
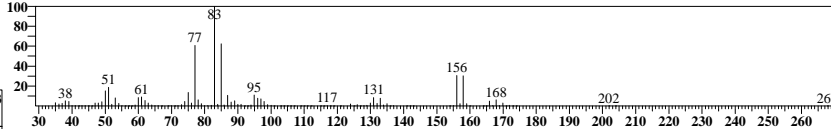
ID#:68 R.Time:8.042(Scan#:1571)

MassPeaks:63
RawMode:Averaged 8.025-8.075(1567-1579)
BG Mode:None Group 1 - Event 1 Scan



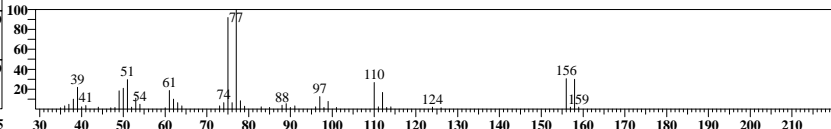
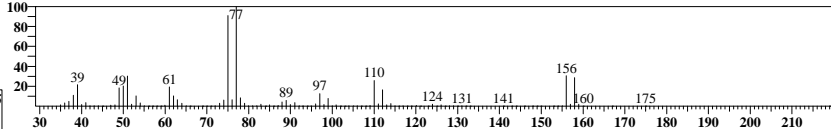
ID#:69 R.Time:8.233(Scan#:1617)

MassPeaks:119
RawMode:Averaged 8.208-8.258(1611-1623)
BG Mode:None Group 1 - Event 1 Scan



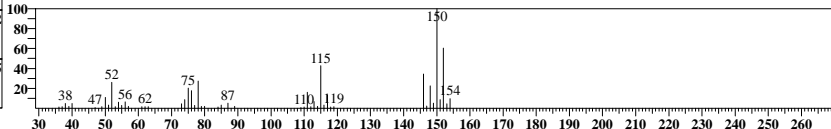
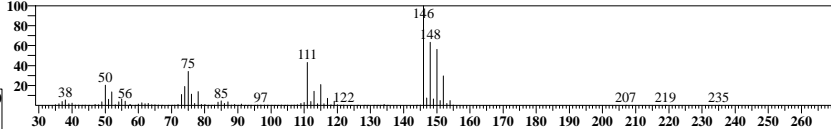
ID#:70 R.Time:8.283(Scan#:1629)

MassPeaks:113
RawMode:Averaged 8.275-8.317(1627-1637)
BG Mode:None Group 1 - Event 1 Scan



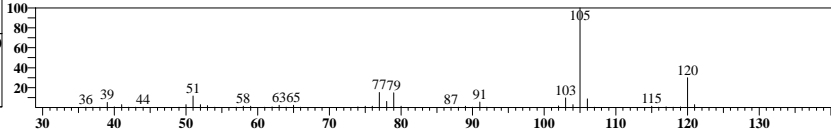
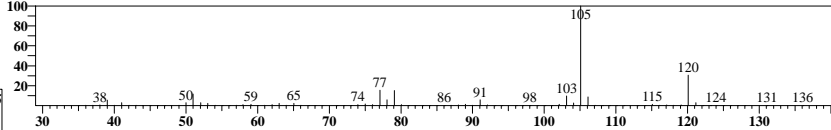
ID#:71 R.Time:9.267(Scan#:1865)

MassPeaks:111
RawMode:Averaged 9.233-9.275(1857-1867)
BG Mode:None Group 1 - Event 1 Scan



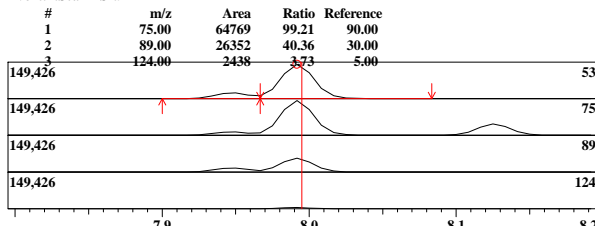
ID#:72 R.Time:7.950(Scan#:1549)

MassPeaks:93
RawMode:Averaged 7.925-7.975(1543-1555)
BG Mode:None Group 1 - Event 1 Scan



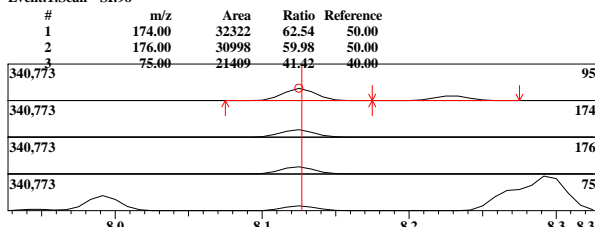
ID#:73 Name:Trans-1,4-Dichloro-2-butene Type:Target No Manual Integration

Mass:53.00 R.T:7.992 Area:225301 Conc:207.00529ppb
Event:1:Scan SI:97



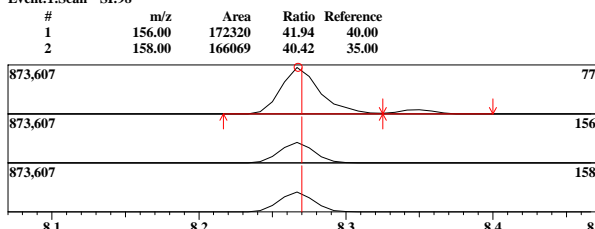
ID#:74 Name:Bromofluorobenzene Type:Surrogate/SMC No Manual Integration

Mass:95.00 R.T:8.125 Area:181974 Conc:46.30926ppb
Event:1:Scan SI:98



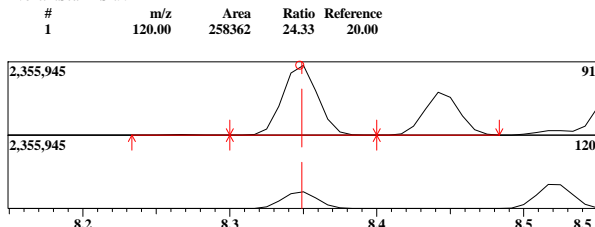
ID#:75 Name:Bromobenzene Type:Target No Manual Integration

Mass:77.00 R.T:8.268 Area:1540894 Conc:170.67661ppb
Event:1:Scan SI:98



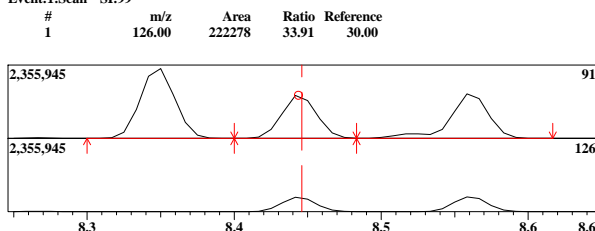
ID#:76 Name:n-Propylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:8.348 Area:3729708 Conc:184.76793ppb
Event:1:Scan SI:99



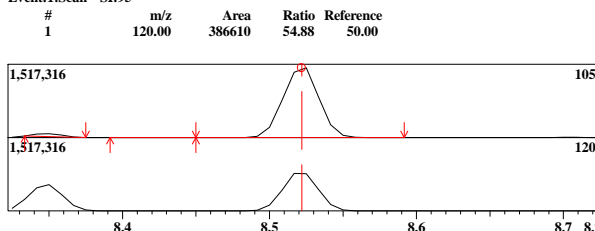
ID#:77 Name:2-Chlorotoluene Type:Target No Manual Integration

Mass:91.00 R.T:8.444 Area:2311171 Conc:183.47310ppb
Event:1:Scan SI:99



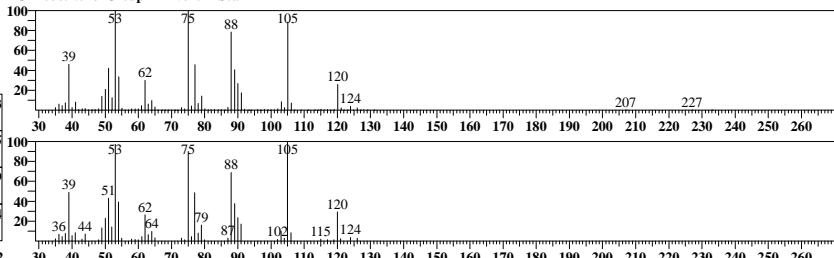
ID#:78 Name:1,3,5-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.522 Area:2486255 Conc:171.93711ppb
Event:1:Scan SI:95



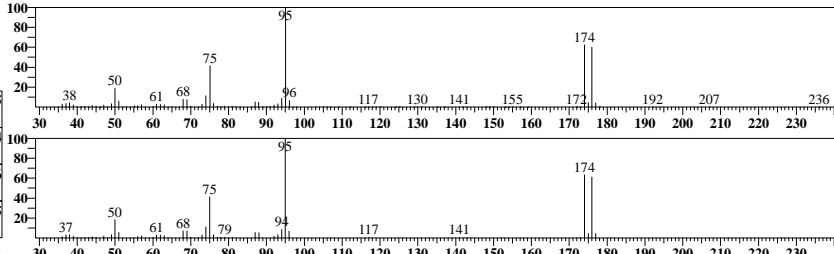
ID#:73 R.Time:7.992(Scan#:1559)

MassPeaks:96
RawMode:Averaged 7.967-8.017(1553-1565)
BG Mode:None Group 1 - Event 1 Scan



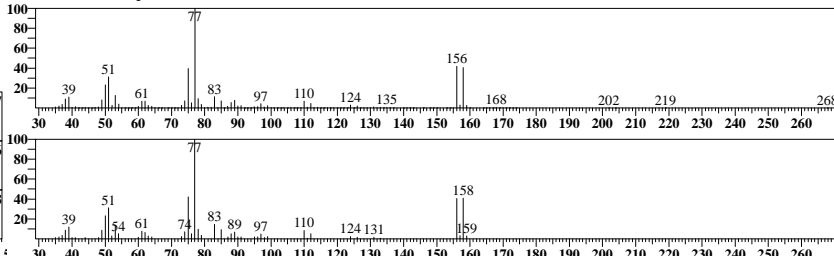
ID#:74 R.Time:8.125(Scan#:1591)

MassPeaks:100
RawMode:Averaged 8.100-8.150(1585-1597)
BG Mode:None Group 1 - Event 1 Scan



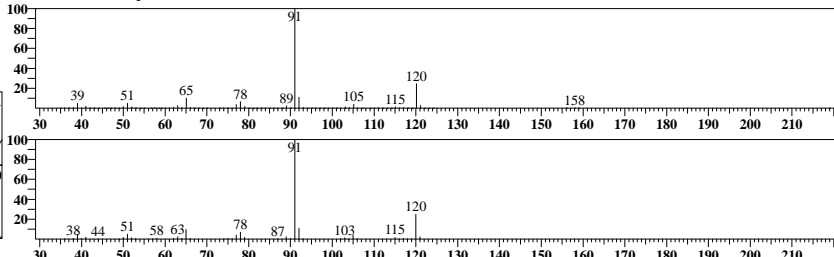
ID#:75 R.Time:8.267(Scan#:1625)

MassPeaks:134
RawMode:Averaged 8.242-8.292(1619-1631)
BG Mode:None Group 1 - Event 1 Scan



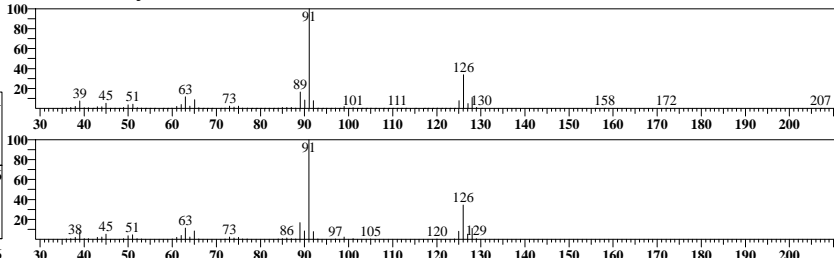
ID#:76 R.Time:8.350(Scan#:1645)

MassPeaks:91
RawMode:Averaged 8.325-8.375(1639-1651)
BG Mode:None Group 1 - Event 1 Scan



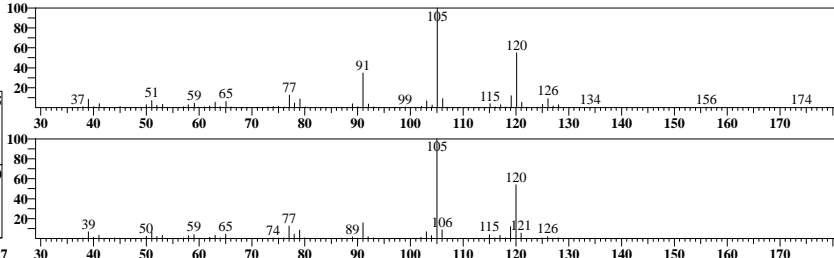
ID#:77 R.Time:8.442(Scan#:1667)

MassPeaks:95
RawMode:Averaged 8.417-8.467(1661-1673)
BG Mode:None Group 1 - Event 1 Scan



ID#:78 R.Time:8.525(Scan#:1687)

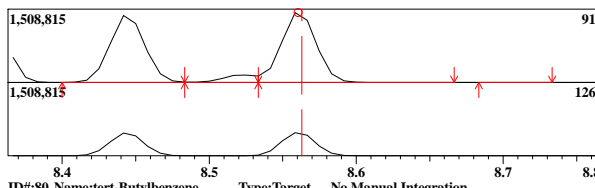
MassPeaks:101
RawMode:Averaged 8.500-8.550(1681-1693)
BG Mode:None Group 1 - Event 1 Scan



ID#:79 Name:4-Chlorotoluene Type:Target Manual Integration Performed
Manual Reason: Split Peak ABO 02/08/22

Mass:91.00 R.T:8.561 Area:2373064 Conc:182.51999ppb
Event:1:Scan SI:99

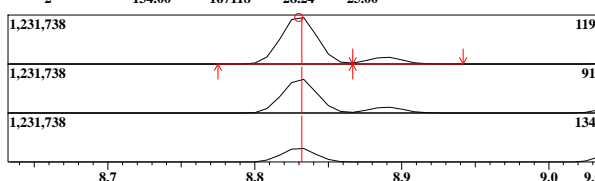
#	m/z	Area	Ratio	Reference
1	126.00	226925	32.80	30.00



ID#:80 Name:tert-Butylbenzene Type:Target No Manual Integration

Mass:119.00 R.T:8.830 Area:2098135 Conc:182.80501ppb
Event:1:Scan SI:98

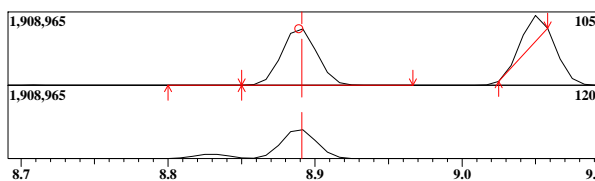
#	m/z	Area	Ratio	Reference
1	91.00	412310	69.68	70.00
2	134.00	167118	28.24	25.00



ID#:81 Name:1,2,4-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.889 Area:2504442 Conc:175.53254ppb
Event:1:Scan SI:99

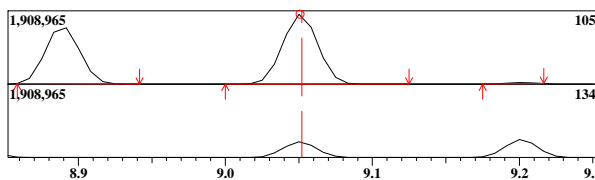
#	m/z	Area	Ratio	Reference
1	120.00	367490	51.70	45.00



ID#:82 Name:sec-Butylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.051 Area:3075446 Conc:177.40085ppb
Event:1:Scan SI:99

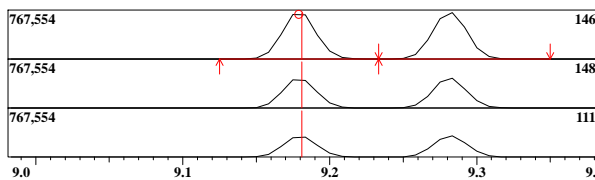
#	m/z	Area	Ratio	Reference
1	134.00	191182	21.91	20.00



ID#:83 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.179 Area:1219529 Conc:173.96577ppb
Event:1:Scan SI:94

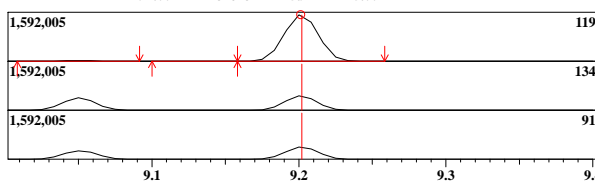
#	m/z	Area	Ratio	Reference
1	148.00	218058	63.45	60.00
2	111.00	154161	44.86	45.00



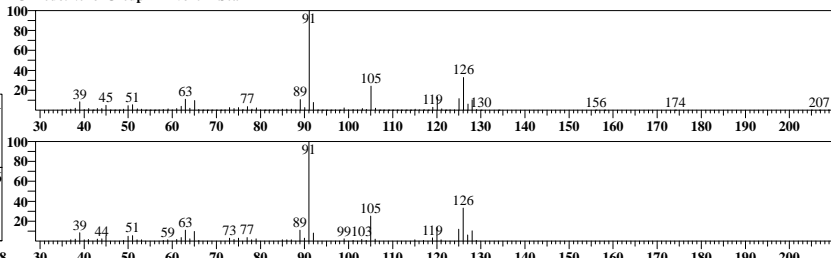
ID#:84 Name:p-iso-Propyltoluene Type:Target No Manual Integration

Mass:119.00 R.T:9.201 Area:2500619 Conc:178.95958ppb
Event:1:Scan SI:99

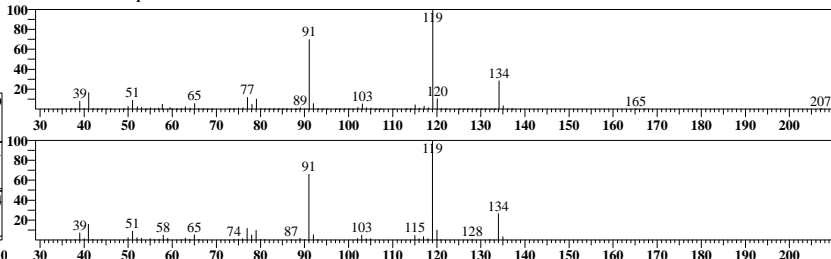
#	m/z	Area	Ratio	Reference
1	134.00	213681	30.05	30.00
2	91.00	184678	25.97	25.00



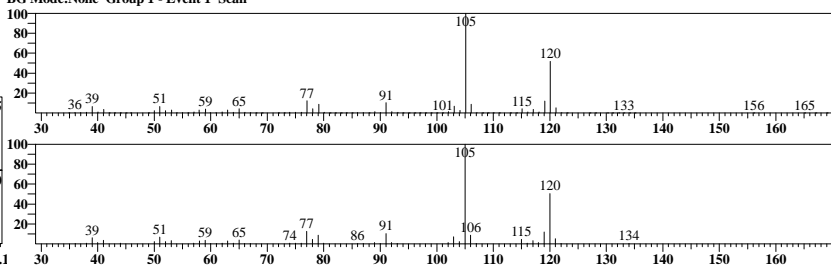
ID#:79 R.Time:8.558(Scan#:1695)
MassPeaks:103
RawMode:Averaged 8.533-8.583(1689-1701)
BG Mode:None Group 1 - Event 1 Scan



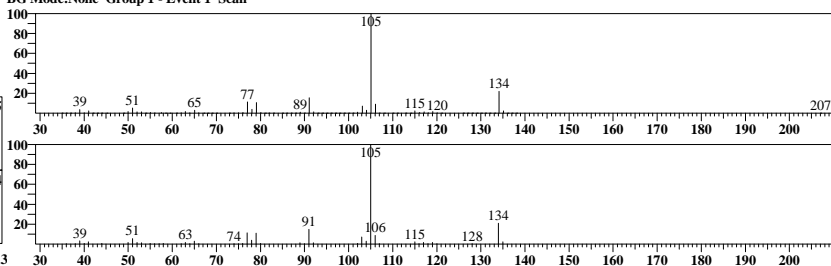
ID#:80 R.Time:8.833(Scan#:1761)
MassPeaks:94
RawMode:Averaged 8.808-8.858(1755-1767)
BG Mode:None Group 1 - Event 1 Scan



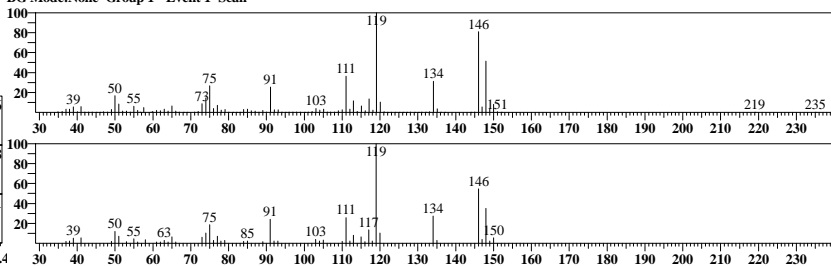
ID#:81 R.Time:8.892(Scan#:1775)
MassPeaks:96
RawMode:Averaged 8.867-8.917(1769-1781)
BG Mode:None Group 1 - Event 1 Scan



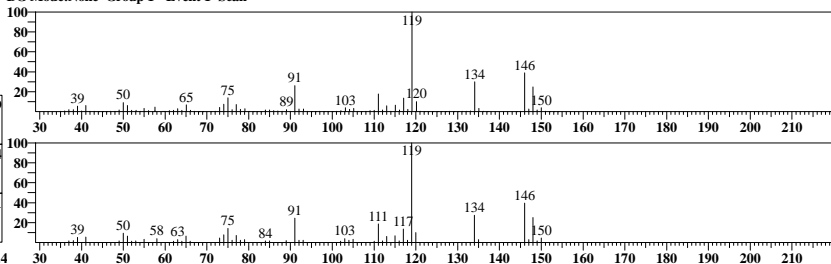
ID#:82 R.Time:9.050(Scan#:1813)
MassPeaks:92
RawMode:Averaged 9.025-9.075(1807-1819)
BG Mode:None Group 1 - Event 1 Scan



ID#:83 R.Time:9.192(Scan#:1847)
MassPeaks:113
RawMode:Averaged 9.150-9.200(1837-1849)
BG Mode:None Group 1 - Event 1 Scan



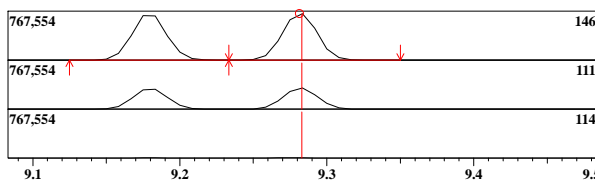
ID#:84 R.Time:9.200(Scan#:1849)
MassPeaks:114
RawMode:Averaged 9.175-9.225(1843-1855)
BG Mode:None Group 1 - Event 1 Scan



ID#:85 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.281 Area:1240112 Conc:171.29458ppb

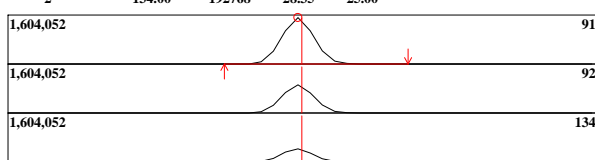
#	m/z	Area	Ratio	Reference
1	111.00	158151	44.95	44.00
2	114.00	4368	1.24	2.00



ID#:86 Name:n-Butylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:9.608 Area:2397302 Conc:191.18322ppb

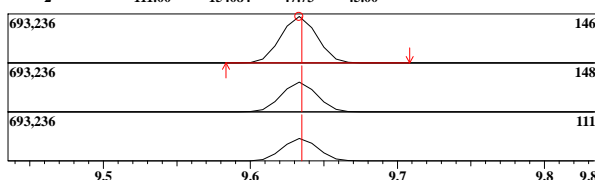
#	m/z	Area	Ratio	Reference
1	92.00	415737	61.15	60.00
2	134.00	192768	28.35	25.00



ID#:87 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.633 Area:1140068 Conc:169.82298ppb

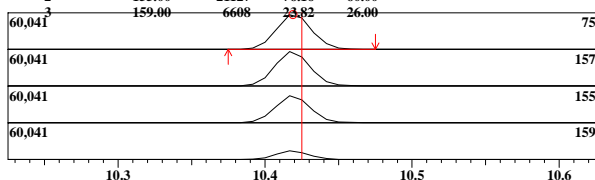
#	m/z	Area	Ratio	Reference
1	148.00	204747	63.42	60.00
2	111.00	154084	47.73	45.00



ID#:88 Name:1,2-Dibromo-3-chloropropane Type:Target No Manual Integration

Mass:75.00 R.T:10.419 Area:98380 Conc:204.23365ppb

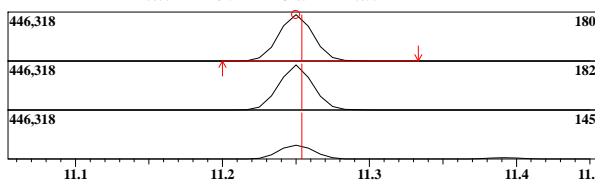
#	m/z	Area	Ratio	Reference
1	157.00	27028	97.43	80.00
2	155.00	21127	76.16	60.00
3	159.00	6608	23.82	26.00



ID#:89 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.250 Area:704954 Conc:192.26897ppb

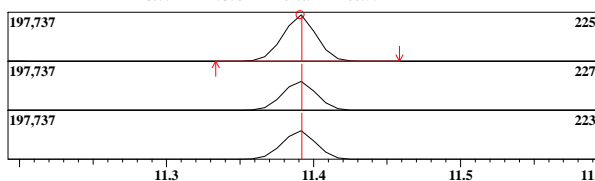
#	m/z	Area	Ratio	Reference
1	182.00	189952	95.34	90.00
2	145.00	61914	31.07	40.00



ID#:90 Name:Hexachlorobutadiene Type:Target No Manual Integration

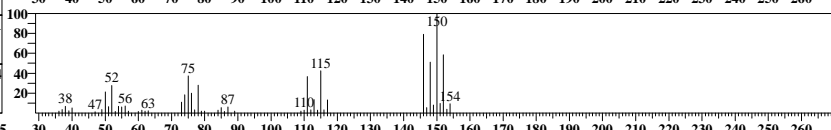
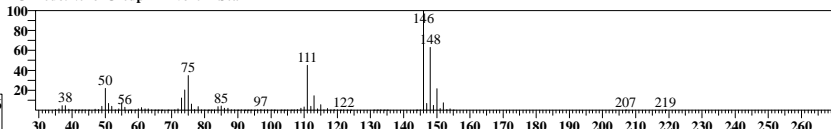
Mass:225.00 R.T:11.391 Area:301828 Conc:180.70478ppb

#	m/z	Area	Ratio	Reference
1	227.00	54821	64.14	66.00
2	223.00	53582	62.69	66.00



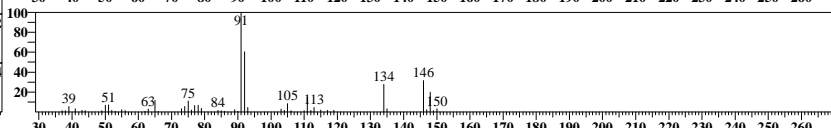
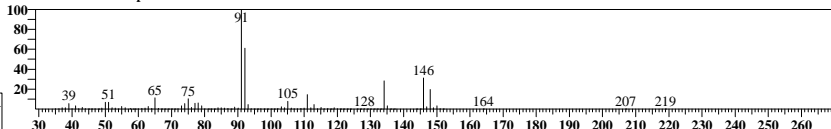
ID#:85 R.Time:9.283(Scan#:1869)

MassPeaks:106 RawMode:Averaged 9.258-9.308(1863-1875) BG Mode:None Group 1 - Event 1 Scan



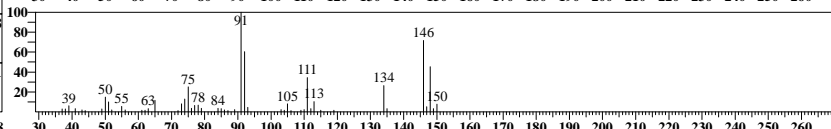
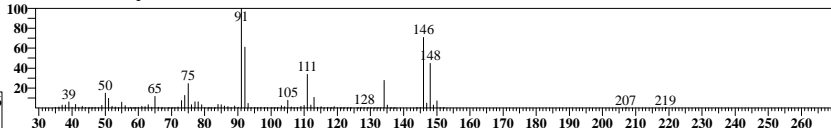
ID#:86 R.Time:9.608(Scan#:1947)

MassPeaks:115 RawMode:Averaged 9.583-9.633(1941-1953) BG Mode:None Group 1 - Event 1 Scan



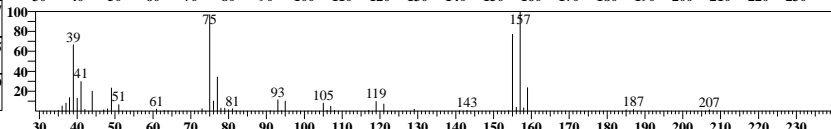
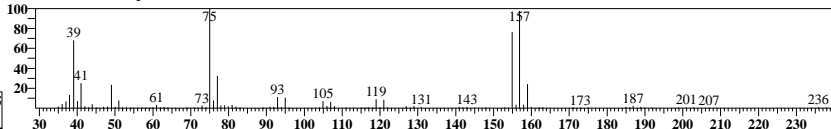
ID#:87 R.Time:9.617(Scan#:1949)

MassPeaks:113 RawMode:Averaged 9.608-9.658(1947-1959) BG Mode:None Group 1 - Event 1 Scan



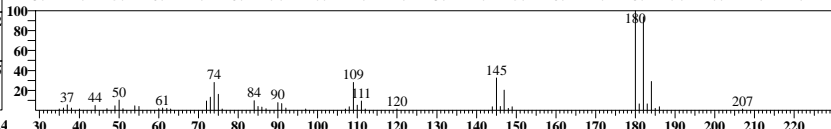
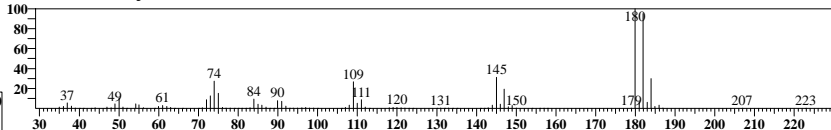
ID#:88 R.Time:10.417(Scan#:2141)

MassPeaks:101 RawMode:Averaged 10.392-10.442(2135-2147) BG Mode:None Group 1 - Event 1 Scan



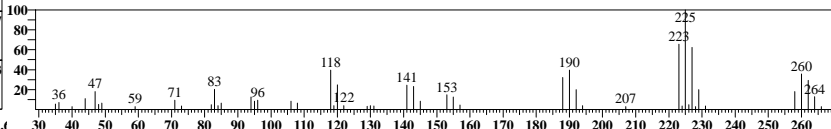
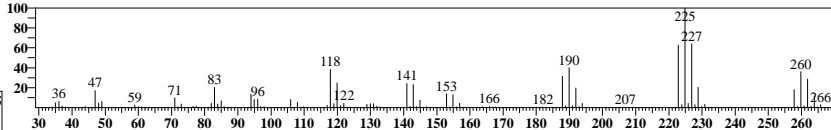
ID#:89 R.Time:11.250(Scan#:2341)

MassPeaks:102 RawMode:Averaged 11.225-11.275(2335-2347) BG Mode:None Group 1 - Event 1 Scan



ID#:90 R.Time:11.392(Scan#:2375)

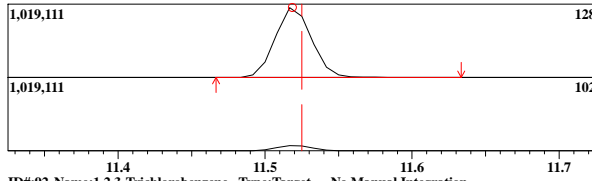
MassPeaks:135 RawMode:Averaged 11.367-11.417(2369-2381) BG Mode:None Group 1 - Event 1 Scan



ID#:91 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:11.519 Area:1685422 Conc:193.83169ppb

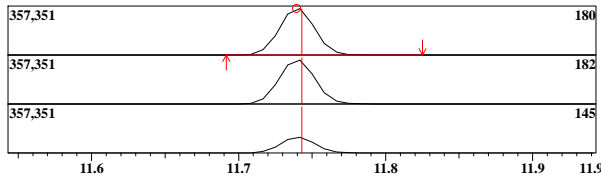
#	m/z	Area	Ratio	Reference
1	102.00	37115	7.86	2.00



ID#:92 Name:1,2,3-Trichlorobenzene Type:Target No Manual Integration

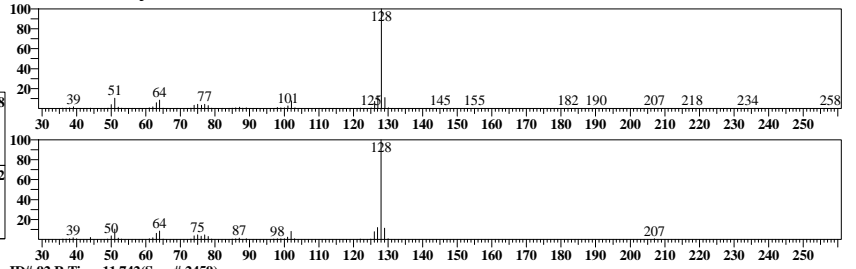
Mass:180.00 R.T:11.740 Area:585245 Conc:199.10572ppb

#	m/z	Area	Ratio	Reference
1	182.00	158995	96.28	90.00
2	145.00	55844	33.81	40.00



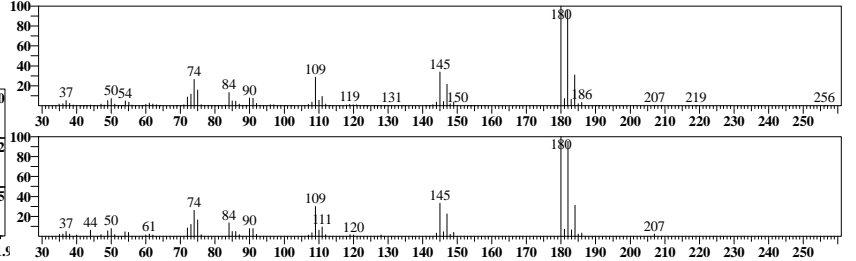
ID#:91 R.Time:11.517(Scan#:2405)

MassPeaks:104
RawMode:Averaged 11.492-11.542(2399-2411)
BG Mode:None Group 1 - Event 1 Scan



ID#:92 R.Time:11.742(Scan#:2459)

MassPeaks:116
RawMode:Averaged 11.717-11.767(2453-2465)
BG Mode:None Group 1 - Event 1 Scan

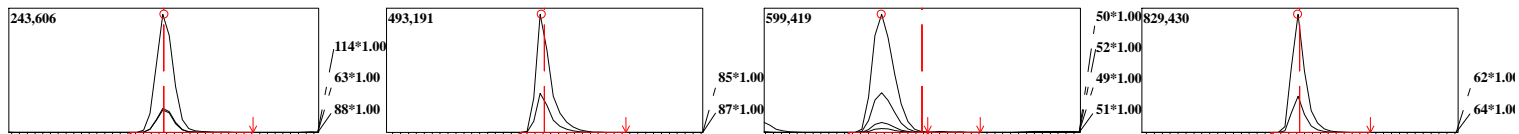


Analyst: ABO
Method: 8260C
Sample ID: ICAL7
Date: 1/10/2022
Time: 17:23:33
Dilution: 1

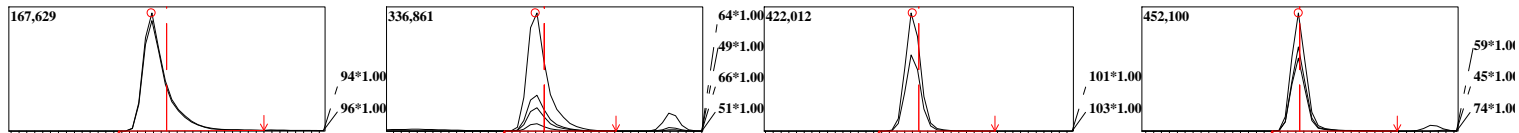
Instr: J1A Trace Number:
Batch:

Data File: C:\GCMSsolution\Data\220110A022.qgd
Method File: C:\GCMSsolution\Data\8260-W-211121A.qgm
Sample Name: ICAL7

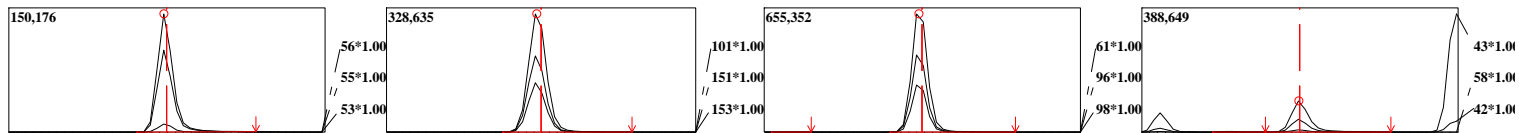
ID#:1 Mass:114.00 R.T:4.627 Area:365782 Conc:50.00000ppm	Name:1,4-Difluorobenzene (IS) Type:ISTD	ID#:2 Mass:85.00 R.T:1.568 Area:621419 Conc:262.92191ppm	Name:Dichlorodifluoromethane Type:Target	ID#:3 Mass:50.00 R.T:1.716 Area:1089913 Conc:321.29241ppm	Name:Chloromethane Type:Target	ID#:4 Mass:62.00 R.T:1.791 Area:962973 Conc:203.89343ppm	Name:Vinyl Chloride Type:Target
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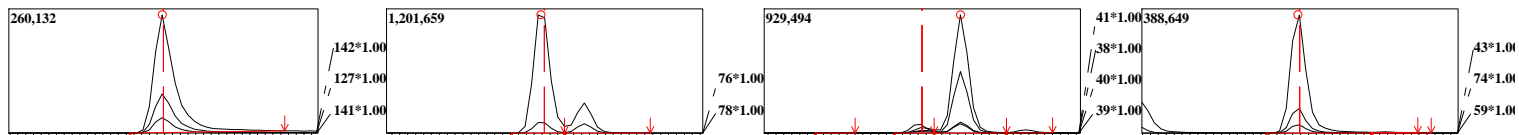
ID#:5 Mass:94.00 R.T:2.007 Area:316930 Conc:359.14479ppm	Name:Bromomethane Type:Target	ID#:6 Mass:64.00 R.T:2.090 Area:570711 Conc:223.98110ppm	Name:Chloroethane Type:Target	ID#:7 Mass:101.00 R.T:2.260 Area:574034 Conc:195.22628ppm	Name:Trichlorofluoromethane Type:Target	ID#:8 Mass:59.00 R.T:2.433 Area:563525 Conc:175.93274ppm	Name:Diethyl Ether Type:Target
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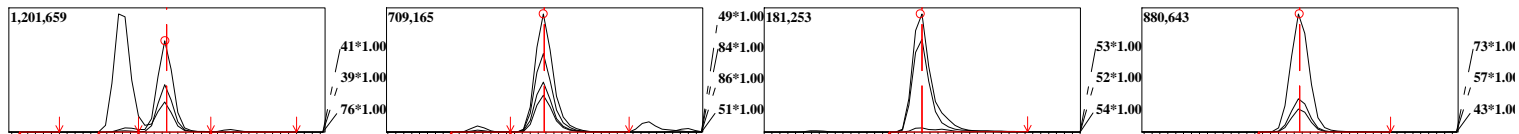
ID#:9 Mass:56.00 R.T:2.526 Area:196683 Conc:1010.03974ppm	Name:Acrolein Type:Target	ID#:10 Mass:101.00 R.T:2.594 Area:522161 Conc:180.41674ppm	Name:1,1,2-Trichlorotrifluoroethane Type:Target	ID#:11 Mass:61.00 R.T:2.603 Area:921959 Conc:169.90068ppm	Name:1,1-Dichloroethene Type:Target	ID#:12 Mass:43.00 R.T:2.609 Area:154031 Conc:144.74361ppm	Name:Acetone Type:Target
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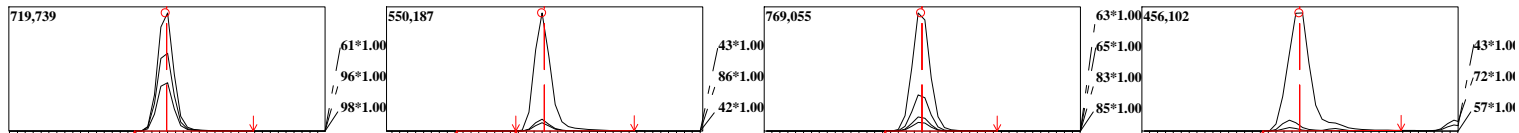
ID#:13 Mass:142.00 R.T:2.717 Area:471147 Conc:217.21901ppm	Name:Idomethane Type:Target	ID#:14 Mass:76.00 R.T:2.779 Area:1763511 Conc:169.58557ppm	Name:Carbon Disulfide Type:Target	ID#:15 Mass:41.00 R.T:2.834 Area:1221252 Conc:2513.96344ppm	Name:Acetonitrile Type:Target	ID#:16 Mass:43.00 R.T:2.807 Area:540330 Conc:158.09574ppm	Name:Methyl Acetate Type:Target
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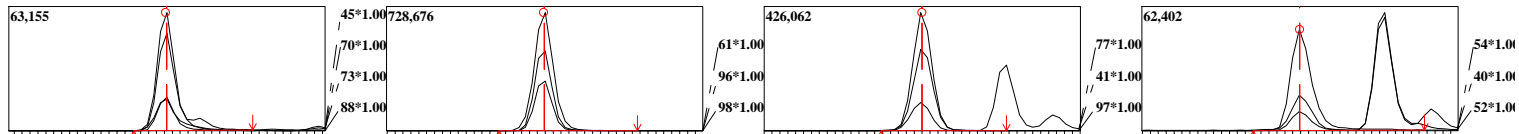
ID#:17 Mass:41.00 R.T:2.834 Area:1228174 Conc:195.17168ppm	Name:Allyl Chloride(3-Chloroprene) Type:Target	ID#:18 Mass:49.00 R.T:2.917 Area:1081180 Conc:187.92284ppm	Name:Methylene Chloride Type:Target	ID#:19 Mass:53.00 R.T:3.048 Area:293153 Conc:142.59699ppm	Name:Acrylonitrile Type:Target	ID#:20 Mass:73.00 R.T:3.077 Area:1405648 Conc:171.81491ppm	Name:MTBE Type:Target
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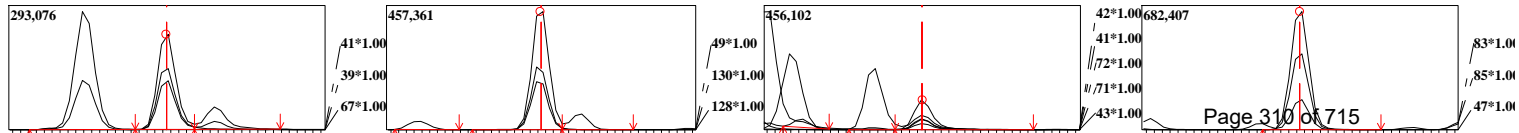
ID#:21 Mass:61.00 R.T:3.097 Area:997620 Conc:191.73417ppm	Name:trans-1,2-Dichloroethene Type:Target	ID#:22 Mass:43.00 R.T:3.350 Area:760797 Conc:232.74744ppm	Name:Vinyl Acetate Type:Target	ID#:23 Mass:63.00 R.T:3.378 Area:1190112 Conc:195.87884ppm	Name:1,1-Dichloroethane Type:Target	ID#:24 Mass:43.00 R.T:3.729 Area:898035 Conc:155.91445ppm	Name:2-Butanone(MEK) Type:Target
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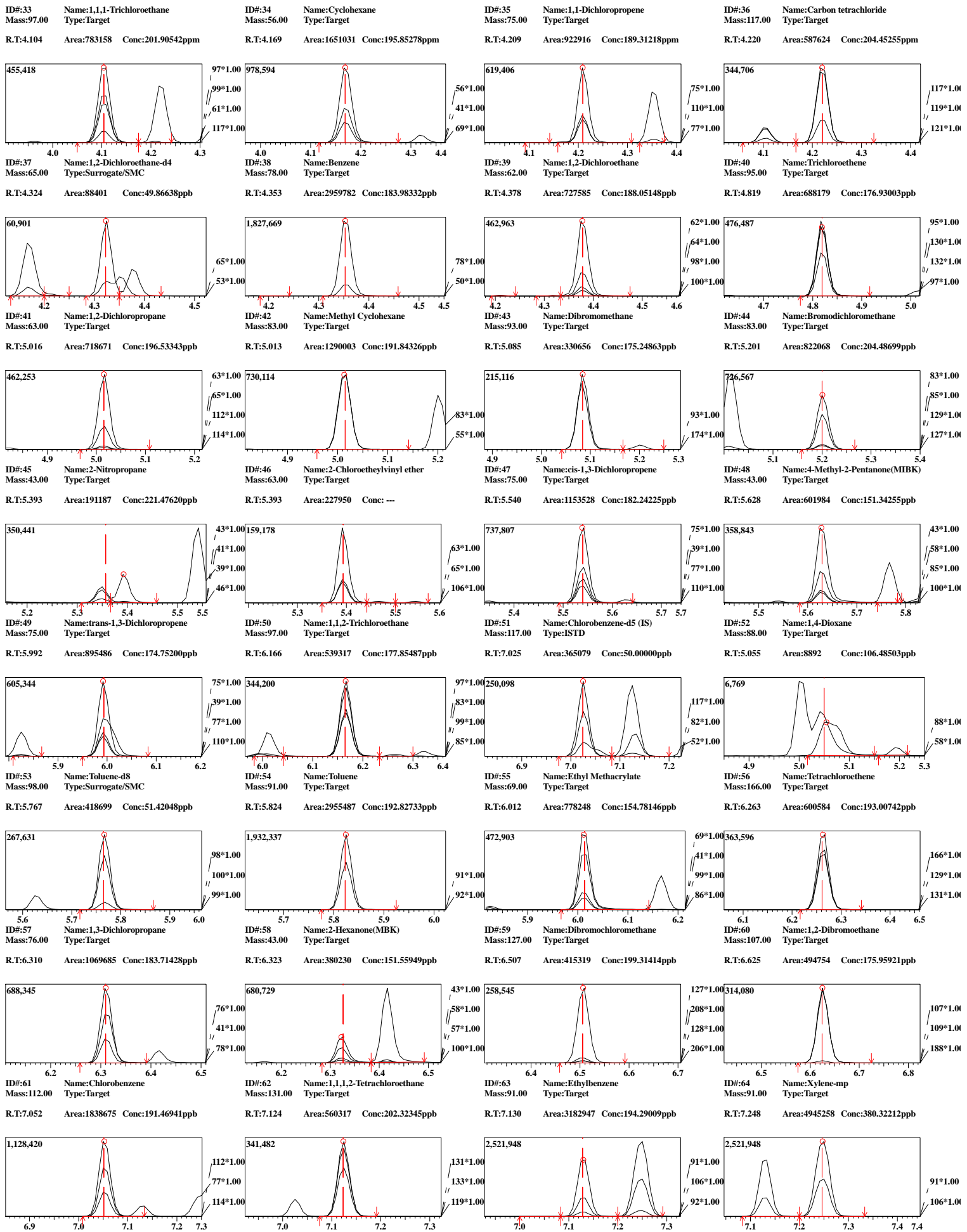


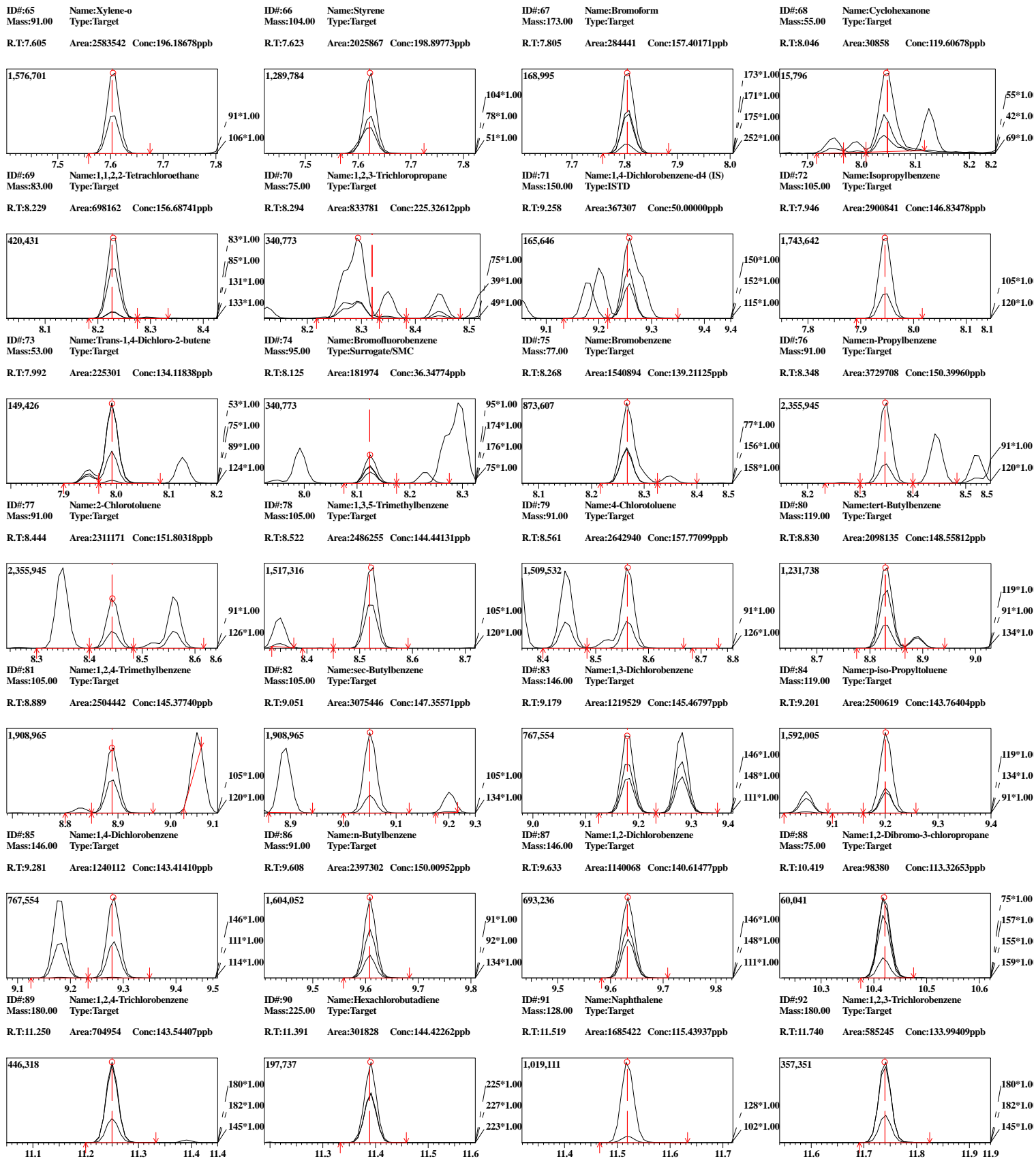
ID#:25 Mass:45.00 R.T:3.731 Area:103920 Conc:158.03433ppm	Name:Ethyl Acetate Type:Target	ID#:26 Mass:61.00 R.T:3.748 Area:1186275 Conc:173.51600ppm	Name:cis-1,2-Dichloroethene Type:Target	ID#:27 Mass:77.00 R.T:3.760 Area:698253 Conc:183.47888ppm	Name:2,2-Dichloropropane Type:Target	ID#:28 Mass:54.00 R.T:3.759 Area:97472 Conc:121.88307ppm	Name:Propionitrile(Ethyl cyanide) Type:Target
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ID#:29 Mass:41.00 R.T:3.864 Area:370280 Conc:141.69222ppm	Name:Methacrylonitrile Type:Target	ID#:30 Mass:49.00 R.T:3.913 Area:710265 Conc:181.20464ppm	Name:Bromochloromethane Type:Target	ID#:31 Mass:42.00 R.T:3.926 Area:185047 Conc:126.89191ppm	Name:Tetrahydrofuran Type:Target	ID#:32 Mass:83.00 R.T:3.964 Area:1073072 Conc:192.56030ppm	Name:Chloroform Type:Target
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Advanced Environmental Laboratories, Inc.

Initial Calibration Verification Summary Report

FORM 6B
SW-846 8260C

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 1/11/2022 10:18

Lab File ID: 220110A036.qad

Instrument ID: J1A

Lab Sample ID: ICV1

Parameter	Spike Added	ICV Result	ICV %D	QC Limits	
				Q	% D
Benzene	20.0	20.5	2.4		20
1,2-Dichloroethane-d4	50.0	53.8	7.7		20
Bromofluorobenzene	50.0	54.0	8.0		20
Toluene-d8	50.0	51.1	2.3		20

Analyst: ABO Instrument: J1A Trace Number: VOC-B012-F29U

Method: 8260B/C/D

Batch:

Sample ID: ICV1

Data File: C:\GCMSsolution\Archived Data\2022\01-JAN\220110after\220110A036.qgd

Date: 1/11/2022

Method File: C:\GCMSsolution\Data\8260-W-220110A.qgm

Time: 10:18:03

Sample Name: ICV1

Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.62	362139	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.02	349071	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.25	239146	50.00

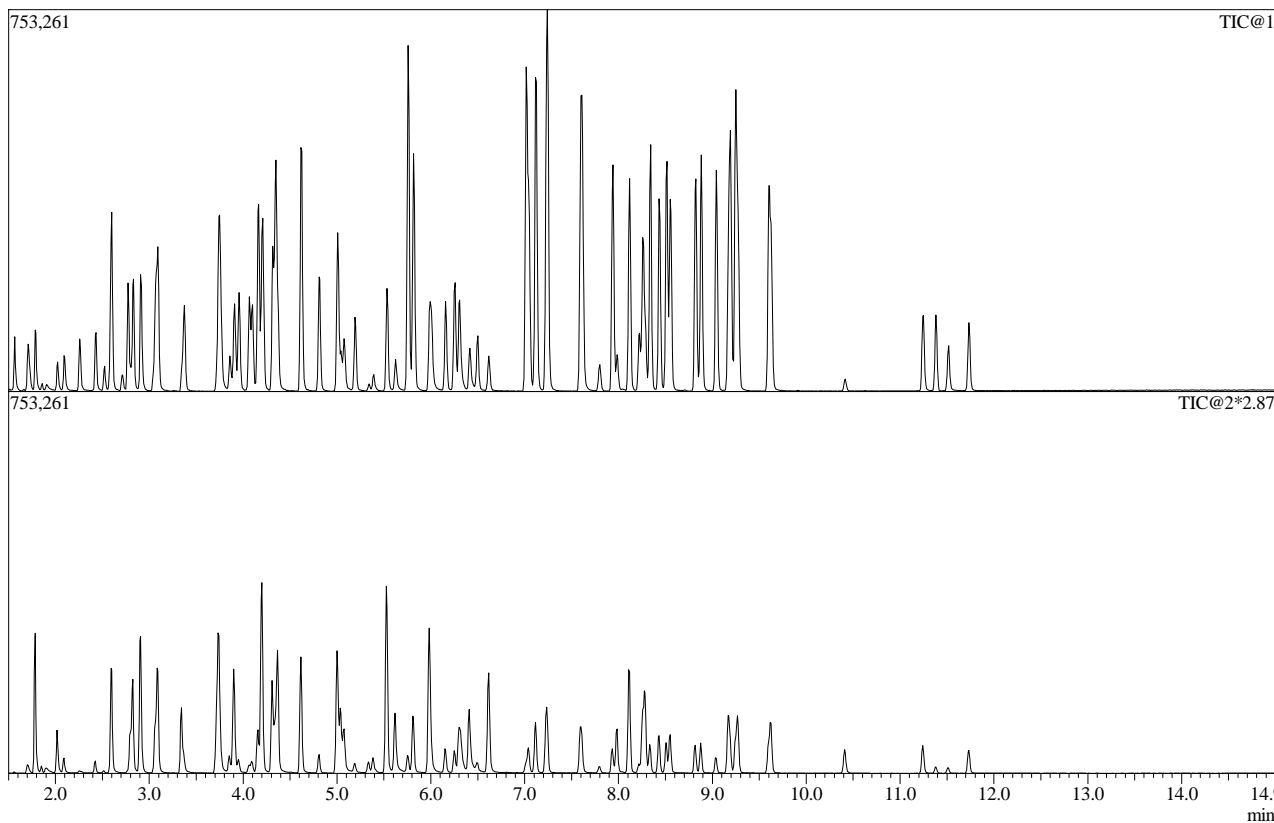
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.32	99474	53.84
53	Toluene-d8	98.00	5.76	408018	51.13
74	Bromofluorobenzene	95.00	8.12	175660	54.01

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	1.57	74456	20.41
3	Chloromethane	50.00	1.71	107839	18.02
4	Vinyl Chloride	62.00	1.79	103610	20.30
5	Bromomethane	94.00	2.02	31614	20.41
6	Chloroethane	64.00	2.10	58059	19.57
7	Trichlorofluoromethane	101.00	2.26	62588	19.52
8	Diethyl Ether	59.00	2.43	58522	20.34
9	Acrolein	56.00	2.52	36373	194.38
10	1,1,2-Trichlorotrifluoroethane	101.00	2.59	63275	21.80
11	1,1-Dichloroethene	61.00	2.60	108432	22.99
12	Acetone	43.00	2.60	14699	17.41
13	Idomethane	142.00	2.71	36141	19.84
14	Carbon Disulfide	76.00	2.77	215020	23.13
15	Acetonitrile	41.00	2.78	6021	17.33
16	Methyl Acetate	43.00	2.80	39732	16.16
17	Allyl Chloride(3-Chloroprene)	41.00	2.83	132516	21.24
18	Methylene Chloride	49.00	2.91	120196	19.68
19	Acrylonitrile	53.00	3.04	26777	19.79
20	MTBE	73.00	3.07	152520	21.65
21	trans-1,2-Dichloroethene	61.00	3.09	112547	22.30
22	Vinyl Acetate	43.00	3.35	66207	15.20
23	1,1-Dichloroethane	63.00	3.37	130267	21.57
24	2-Butanone(MEK)	43.00	3.73	70026	16.54
25	Ethyl Acetate	45.00	3.73	8434	17.42
26	cis-1,2-Dichloroethene	61.00	3.74	126894	21.64
27	2,2-Dichloropropane	77.00	3.75	83583	22.41
28	Propionitrile(Ethyl cyanide)	54.00	3.76	8908	20.65
29	Methacrylonitrile	41.00	3.86	30443	18.52
30	Bromochloromethane	49.00	3.91	76946	19.65
31	Tetrahydrofuran	42.00	3.92	19479	15.35
32	Chloroform	83.00	3.96	119279	20.89
33	1,1,1-Trichloroethane	97.00	4.10	84938	21.47
34	Cyclohexane	56.00	4.16	174968	22.17
35	1,1-Dichloropropene	75.00	4.20	101717	20.32
36	Carbon tetrachloride	117.00	4.21	67608	21.35
38	Benzene	78.00	4.35	333935	20.49
39	1,2-Dichloroethane	62.00	4.37	81095	21.17
40	Trichloroethene	95.00	4.81	70007	20.21
41	1,2-Dichloropropane	63.00	5.01	73695	20.45
42	Methyl Cyclohexane	83.00	-	---	N.D.(Peak)
43	Dibromomethane	93.00	5.08	33899	20.61
44	Bromodichloromethane	83.00	5.19	88519	21.82
45	2-Nitropropane	43.00	5.34	9122	21.19
46	2-Chloroethylvinyl ether	63.00	5.39	11952	16.19
47	cis-1,3-Dichloropropene	75.00	5.53	111273	20.67
48	4-Methyl-2-Pentanone(MIBK)	43.00	5.63	44743	16.90
49	trans-1,3-Dichloropropene	75.00	5.99	81182	20.47
50	1,1,2-Trichloroethane	97.00	6.16	53251	19.91
52	1,4-Dioxane	88.00	5.05	728	17.27
54	Toluene	91.00	5.82	315980	21.65
55	Ethyl Methacrylate	69.00	6.01	70082	20.18

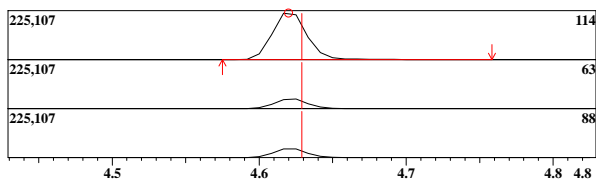
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	6.25	63088	20.90
57	1,3-Dichloropropane	76.00	6.30	106791	19.84
58	2-Hexanone(MBK)	43.00	6.33	23970	17.84
59	Dibromochloromethane	127.00	6.50	41790	22.55
60	1,2-Dibromoethane	107.00	6.62	48537	20.43
61	Chlorobenzene	112.00	7.04	198075	20.49
62	1,1,1,2-Tetrachloroethane	131.00	7.12	58480	22.27
63	Ethylbenzene	91.00	7.12	340544	21.73
64	Xylene-mp	91.00	7.24	552116	42.71
65	Xylene-o	91.00	7.60	269990	21.41
66	Styrene	104.00	7.62	215525	21.76
67	Bromoform	173.00	7.80	25916	21.13
68	Cyclohexanone	55.00	8.04	2330	23.14
69	1,1,2,2-Tetrachloroethane	83.00	8.22	68787	20.71
70	1,2,3-Trichloropropane	75.00	8.29	54035	19.80
72	Isopropylbenzene	105.00	7.94	300147	21.78
73	Trans-1,4-Dichloro-2-butene	53.00	7.99	20112	22.68
75	Bromobenzene	77.00	8.26	159247	21.31
76	n-Propylbenzene	91.00	8.34	392354	23.48
77	2-Chlorotoluene	91.00	8.44	239920	23.01
78	1,3,5-Trimethylbenzene	105.00	8.51	264490	22.10
79	4-Chlorotoluene	91.00	8.55	245365	22.80
80	tert-Butylbenzene	119.00	8.82	215712	22.71
81	1,2,4-Trimethylbenzene	105.00	8.88	260602	22.07
82	sec-Butylbenzene	105.00	9.04	318551	22.20
83	1,3-Dichlorobenzene	146.00	9.17	124915	21.53
84	p-iso-Propyltoluene	119.00	9.19	269825	23.33
85	1,4-Dichlorobenzene	146.00	9.27	129242	21.57
86	n-Butylbenzene	91.00	9.60	233546	22.89
87	1,2-Dichlorobenzene	146.00	9.63	115704	20.82
88	1,2-Dibromo-3-chloropropane	75.00	10.42	7882	19.77
89	1,2,4-Trichlorobenzene	180.00	11.24	54372	21.75
90	Hexachlorobutadiene	225.00	11.38	31690	22.92
91	Naphthalene	128.00	11.52	81670	19.84
92	1,2,3-Trichlorobenzene	180.00	11.73	42274	19.31



ID#1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

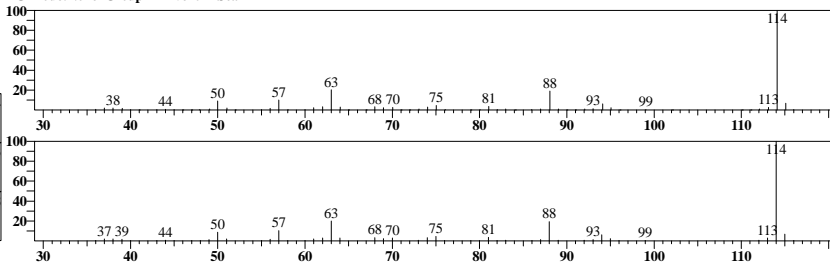
Mass:114.00 R.T:4.620 Area:362139 Conc:50.00000ppm

#	m/z	Area	Ratio	Reference
1	63.00	20326	20.35	23.00
2	88.00	19066	19.09	20.00



ID#1 R.Time:4.617(Scan#:749)

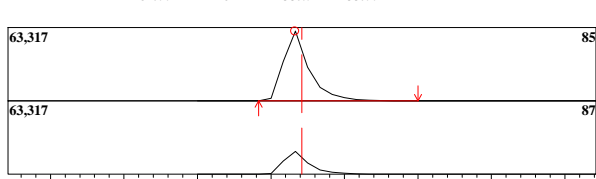
MassPeaks:62
RawMode:Averaged 4.592-4.642(743-755)
BG Mode:None Group 1 - Event 1 Scan



ID#2 Name:Dichlorodifluoromethane Type:Target No Manual Integration

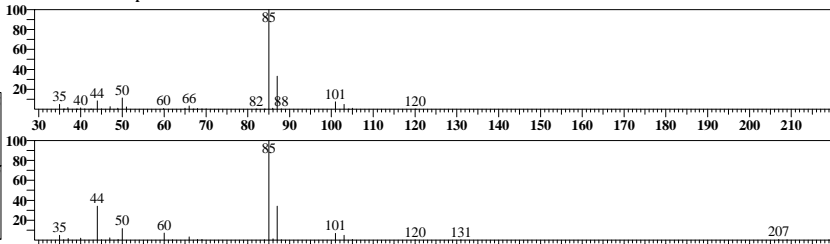
Mass:85.00 R.T:1.566 Area:74456 Conc:20.41487ppm

#	m/z	Area	Ratio	Reference
1	87.00	6774	33.09	33.00



ID#2 R.Time:1.567(Scan#:17)

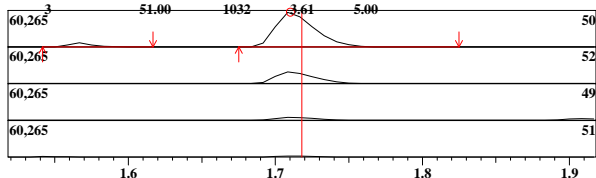
MassPeaks:31
RawMode:Averaged 1.542-1.592(11-23)
BG Mode:None Group 1 - Event 1 Scan



ID#3 Name:Chloromethane Type:Target No Manual Integration

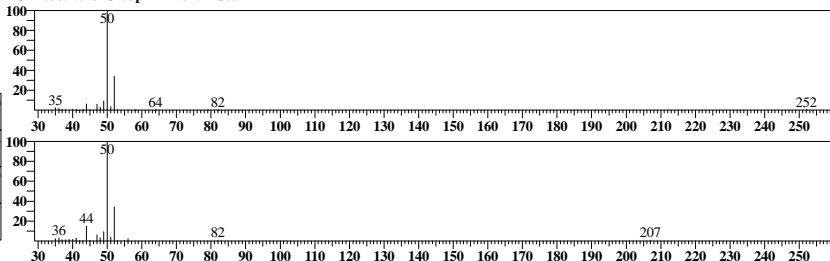
Mass:50.00 R.T:1.710 Area:107839 Conc:18.01524ppm

#	m/z	Area	Ratio	Reference
1	52.00	9631	33.70	30.00
2	49.00	2530	8.85	10.00
3	51.00	1032	3.61	5.00



ID#3 R.Time:1.708(Scan#:51)

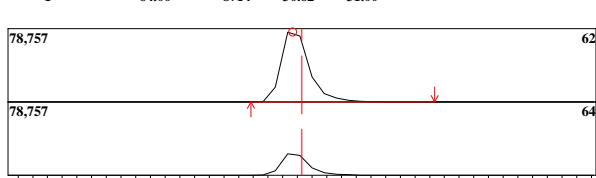
MassPeaks:21
RawMode:Averaged 1.683-1.733(45-57)
BG Mode:None Group 1 - Event 1 Scan



ID#4 Name:Vinyl Chloride Type:Target No Manual Integration

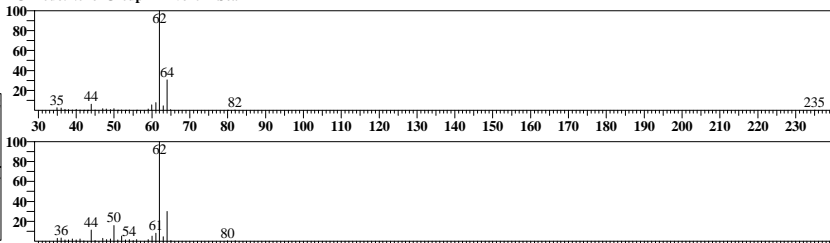
Mass:62.00 R.T:1.787 Area:103610 Conc:20.30162ppm

#	m/z	Area	Ratio	Reference
1	64.00	8714	30.62	31.00



ID#4 R.Time:1.783(Scan#:69)

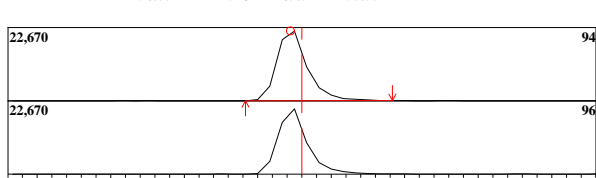
MassPeaks:30
RawMode:Averaged 1.758-1.808(63-75)
BG Mode:None Group 1 - Event 1 Scan



ID#5 Name:Bromomethane Type:Target No Manual Integration

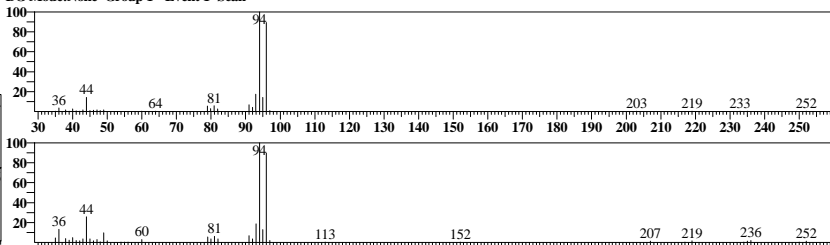
Mass:94.00 R.T:2.022 Area:31614 Conc:20.40628ppm

#	m/z	Area	Ratio	Reference
1	96.00	7943	89.54	95.00



ID#5 R.Time:2.025(Scan#:127)

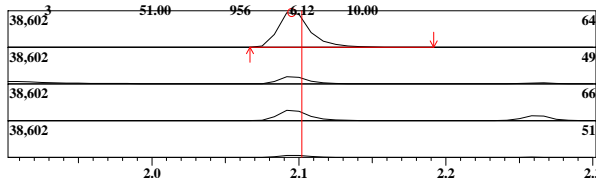
MassPeaks:32
RawMode:Averaged 2.000-2.050(121-133)
BG Mode:None Group 1 - Event 1 Scan



ID#6 Name:Chloroethane Type:Target No Manual Integration

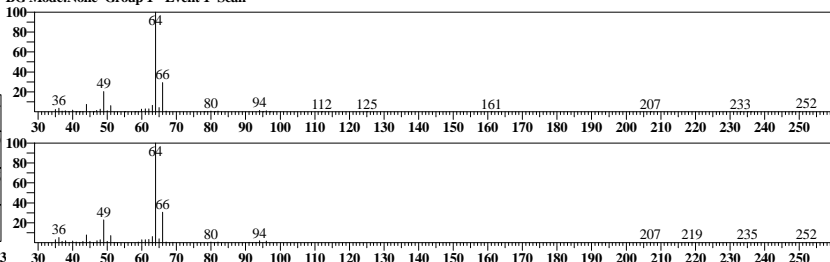
Mass:64.00 R.T:2.095 Area:58059 Conc:19.56923ppm

#	m/z	Area	Ratio	Reference
1	49.00	3147	20.16	25.00
2	66.00	4582	29.35	31.00
3	51.00	956	6.12	10.00



ID#6 R.Time:2.092(Scan#:143)

MassPeaks:47
RawMode:Averaged 2.067-2.117(137-149)
BG Mode:None Group 1 - Event 1 Scan

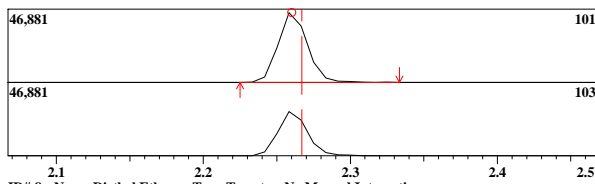


ID#7 Name:Trichlorofluoromethane Type:Target No Manual Integration

Mass:101.00 R.T:2.260 Area:62588 Conc:19.51790ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	103.00	11175	63.65	57.00

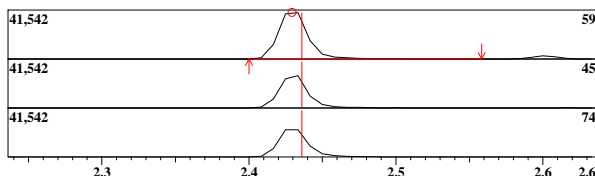


ID#8 Name:Diethyl Ether Type:Target No Manual Integration

Mass:59.00 R.T:2.430 Area:58522 Conc:20.33534ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	45.00	10818	66.91	80.00
2	74.00	9642	59.64	68.00

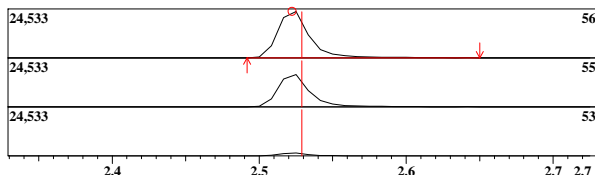


ID#9 Name:Acrolein Type:Target No Manual Integration

Mass:56.00 R.T:2.523 Area:36373 Conc:194.37593ppm

Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	55.00	6841	70.35	70.00
2	53.00	628	6.46	5.00

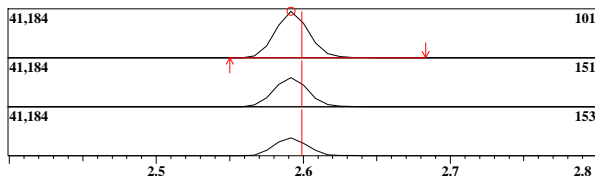


ID#10 Name:1,1,2-Trichlorotrifluoroethane Type:Target No Manual Integration

Mass:101.00 R.T:2.592 Area:63275 Conc:21.80384ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	151.00	11550	65.35	60.00
2	153.00	6980	39.49	40.00

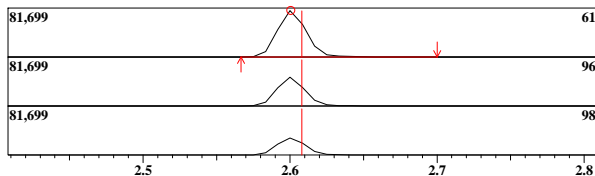


ID#11 Name:1,1-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:2.600 Area:108432 Conc:22.99116ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	96.00	18548	61.34	60.00
2	98.00	11305	37.39	36.00

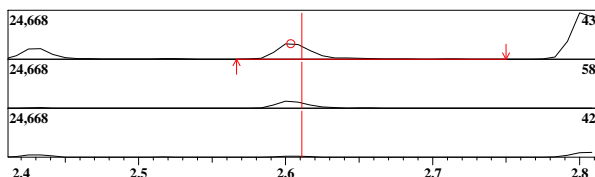


ID#12 Name:Acetone Type:Target No Manual Integration

Mass:43.00 R.T:2.603 Area:14699 Conc:17.40748ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	58.00	1582	43.09	30.00
2	42.00	283	7.71	10.00

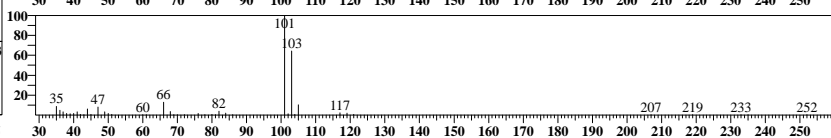
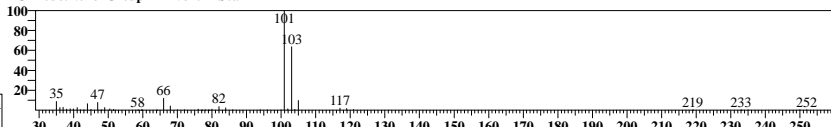


ID#7 R.Time:2.258(Scan#:183)

MassPeaks:49

RawMode:Averaged 2.233-2.283(177-189)

BG Mode:None Group 1 - Event 1 Scan

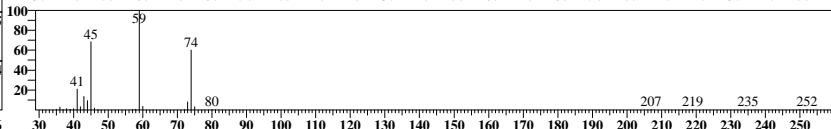
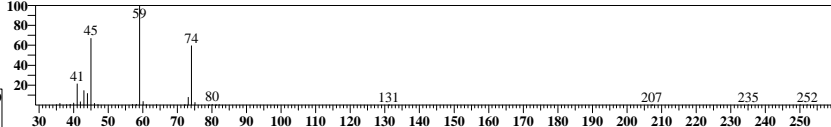


ID#8 R.Time:2.433(Scan#:225)

MassPeaks:31

RawMode:Averaged 2.408-2.458(219-231)

BG Mode:None Group 1 - Event 1 Scan

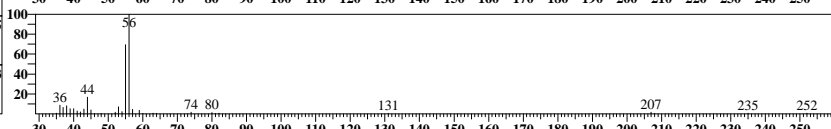
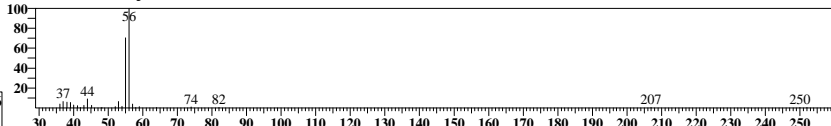


ID#9 R.Time:2.525(Scan#:247)

MassPeaks:25

RawMode:Averaged 2.500-2.550(241-253)

BG Mode:None Group 1 - Event 1 Scan

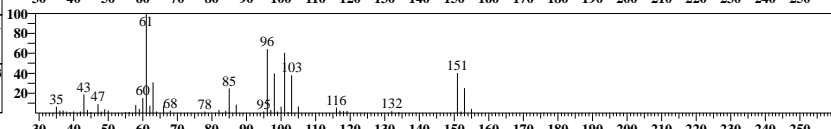
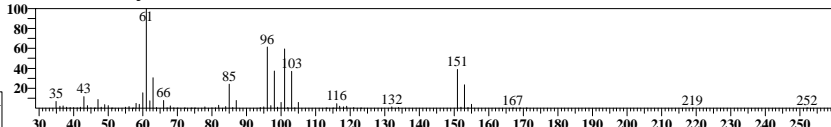


ID#10 R.Time:2.600(Scan#:265)

MassPeaks:75

RawMode:Averaged 2.567-2.617(257-269)

BG Mode:None Group 1 - Event 1 Scan

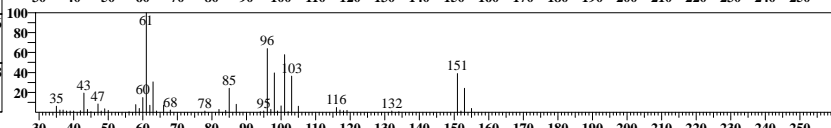
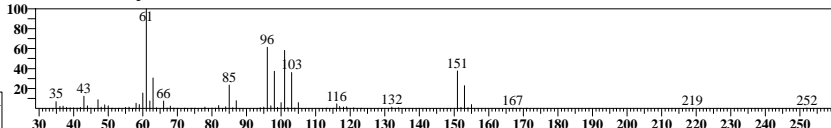


ID#11 R.Time:2.600(Scan#:265)

MassPeaks:75

RawMode:Averaged 2.575-2.625(259-271)

BG Mode:None Group 1 - Event 1 Scan

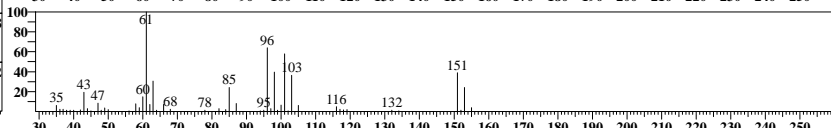
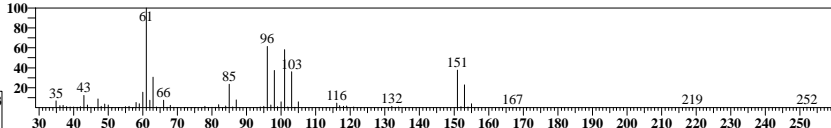


ID#12 R.Time:2.600(Scan#:265)

MassPeaks:75

RawMode:Averaged 2.575-2.625(259-271)

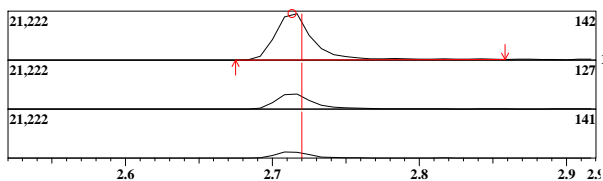
BG Mode:None Group 1 - Event 1 Scan



ID#:13 Name:Idomethane Type:Target No Manual Integration

Mass:142.00 R.T:2.714 Area:36141 Conc:19.83517ppm

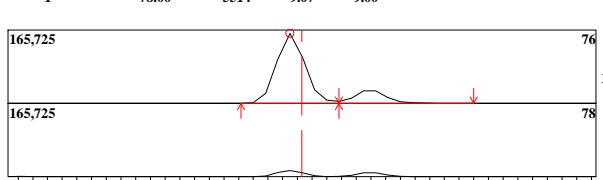
#	m/z	Area	Ratio	Reference
1	127.00	3245	33.49	35.00
2	141.00	1293	13.34	13.00



ID#:14 Name:Carbon Disulfide Type:Target No Manual Integration

Mass:76.00 R.T:2.775 Area:215020 Conc:23.13221ppm

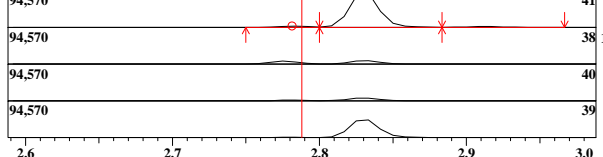
#	m/z	Area	Ratio	Reference
1	78.00	5514	9.07	9.00



ID#:15 Name:Acetonitrile Type:Target No Manual Integration

Mass:41.00 R.T:2.781 Area:6021 Conc:17.33416ppm

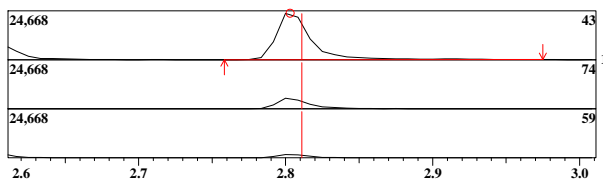
#	m/z	Area	Ratio	Reference
1	38.00	3559	* 175.84	40.00
2	40.00	1243	61.41	20.00
3	39.00	802	39.63	15.00



ID#:16 Name:Methyl Acetate Type:Target No Manual Integration

Mass:43.00 R.T:2.803 Area:39732 Conc:16.16407ppm

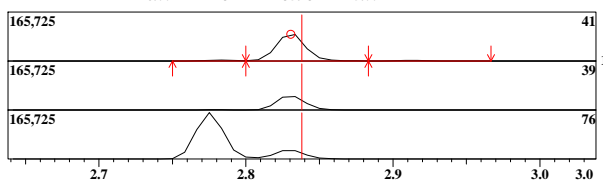
#	m/z	Area	Ratio	Reference
1	74.00	2218	22.04	40.00
2	59.00	729	7.24	20.00



ID#:17 Name:Allyl Chloride(3-Chloroprene) Type:Target No Manual Integration

Mass:41.00 R.T:2.831 Area:132516 Conc:21.24490ppm

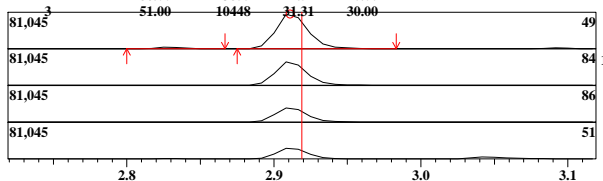
#	m/z	Area	Ratio	Reference
1	39.00	19573	52.37	40.00
2	76.00	13242	35.43	5.00



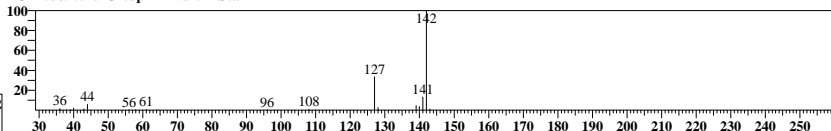
ID#:18 Name:Methylene Chloride Type:Target No Manual Integration

Mass:49.00 R.T:2.911 Area:120196 Conc:19.67613ppm

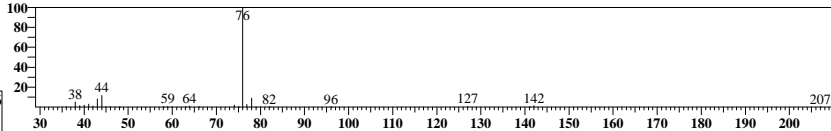
#	m/z	Area	Ratio	Reference
1	84.00	22305	66.85	64.00
2	86.00	13855	41.52	40.00
3	51.00	10448	31.31	30.00



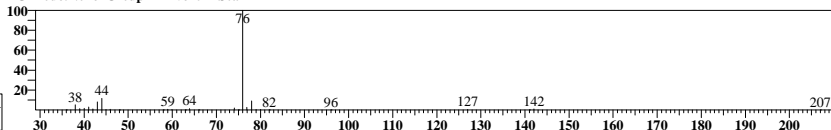
ID#:13 R.Time:2.717(Scan#:293)
MassPeaks:20
RawMode:Averaged 2.692-2.742(287-299)
BG Mode:None Group 1 - Event 1 Scan



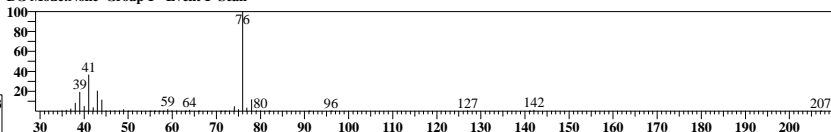
ID#:14 R.Time:2.775(Scan#:307)
MassPeaks:30
RawMode:Averaged 2.750-2.800(301-313)
BG Mode:None Group 1 - Event 1 Scan



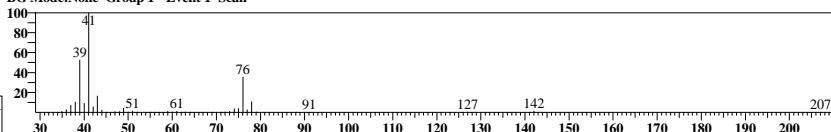
ID#:15 R.Time:2.775(Scan#:307)
MassPeaks:30
RawMode:Averaged 2.758-2.800(303-313)
BG Mode:None Group 1 - Event 1 Scan



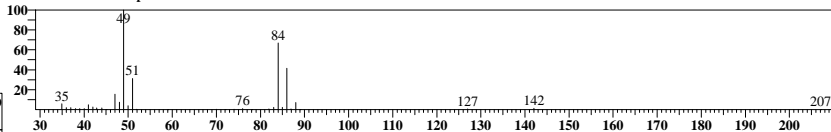
ID#:16 R.Time:2.783(Scan#:309)
MassPeaks:44
RawMode:Averaged 2.775-2.825(307-319)
BG Mode:None Group 1 - Event 1 Scan



ID#:17 R.Time:2.833(Scan#:321)
MassPeaks:41
RawMode:Averaged 2.808-2.858(315-327)
BG Mode:None Group 1 - Event 1 Scan



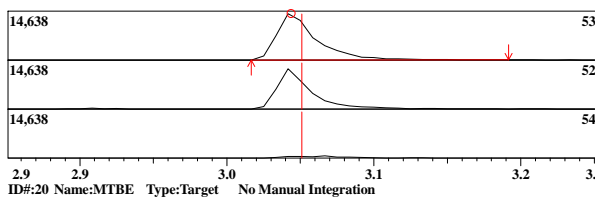
ID#:18 R.Time:2.908(Scan#:339)
MassPeaks:34
RawMode:Averaged 2.883-2.933(333-345)
BG Mode:None Group 1 - Event 1 Scan



ID#:19 Name:Acrylonitrile Type:Target No Manual Integration

Mass:53.00 R.T:3.044 Area:26777 Conc:19.78768ppm

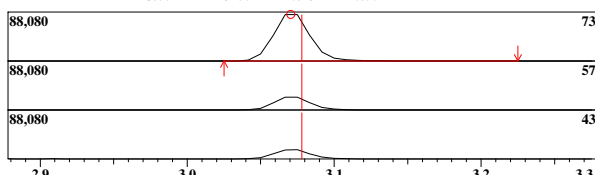
#	m/z	Area	Ratio	Reference
1	52.00	4959	76.14	40.00
2	54.00	342	5.25	10.00



ID#:20 Name:MTBE Type:Target No Manual Integration

Mass:73.00 R.T:3.071 Area:152520 Conc:21.64944ppm

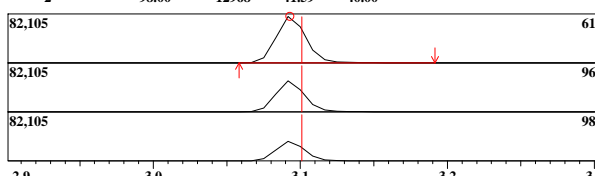
#	m/z	Area	Ratio	Reference
1	57.00	11637	27.93	26.00
2	43.00	8400	20.16	20.00



ID#:21 Name:trans-1,2-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:3.093 Area:112547 Conc:22.30497ppm

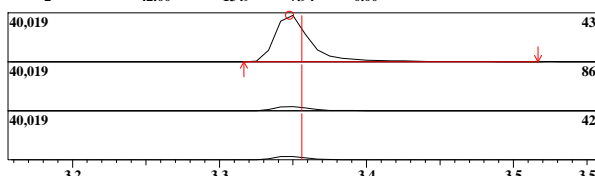
#	m/z	Area	Ratio	Reference
1	96.00	20476	65.67	64.00
2	98.00	12968	41.59	40.00



ID#:22 Name:Vinyl Acetate Type:Target Manual Integration Performed
Manual Reason: Baseline Smoothing ABO 02/08/22

Mass:43.00 R.T:3.348 Area:66207 Conc:15.20140ppm

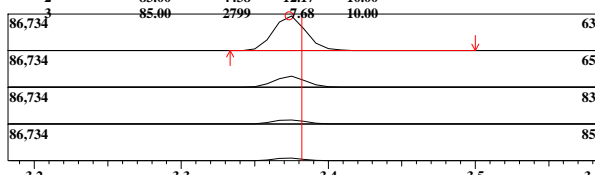
#	m/z	Area	Ratio	Reference
1	86.00	1735	10.21	10.00
2	42.00	1349	7.94	0.00



ID#:23 Name:1,1-Dichloroethane Type:Target No Manual Integration

Mass:63.00 R.T:3.373 Area:130267 Conc:21.57378ppm

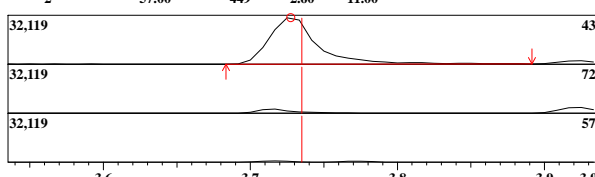
#	m/z	Area	Ratio	Reference
1	65.00	11408	31.29	30.00
2	83.00	4438	12.17	10.00
3	85.00	2799	7.68	10.00



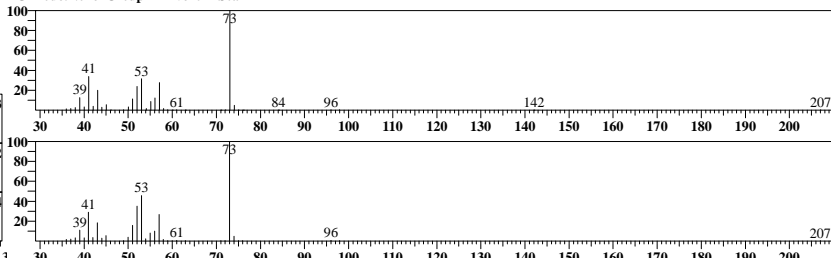
ID#:24 Name:2-Butanone(MEK) Type:Target No Manual Integration

Mass:43.00 R.T:3.728 Area:70026 Conc:16.53538ppm

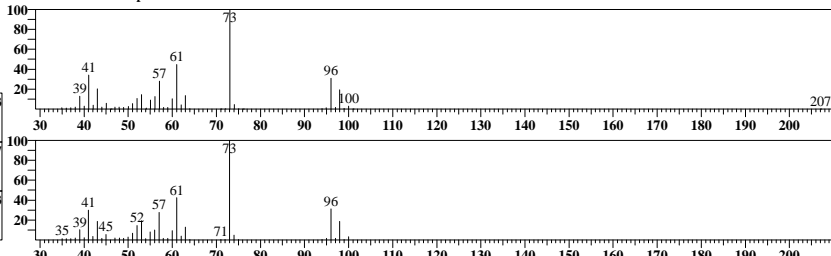
#	m/z	Area	Ratio	Reference
1	72.00	1415	8.20	30.00
2	57.00	449	2.60	11.00



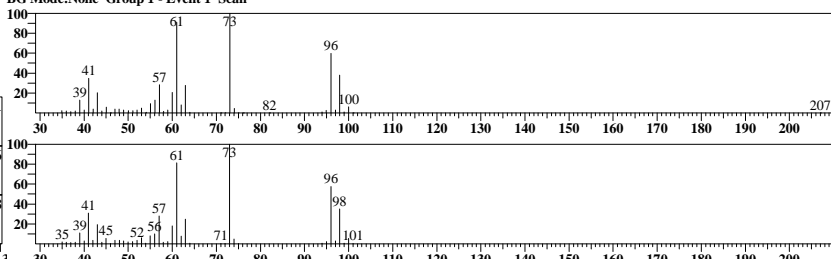
ID#:19 R.Time:3.058(Scan#:375)
MassPeaks:36
RawMode:Averaged 3.017-3.067(365-377)
BG Mode:None Group 1 - Event 1 Scan



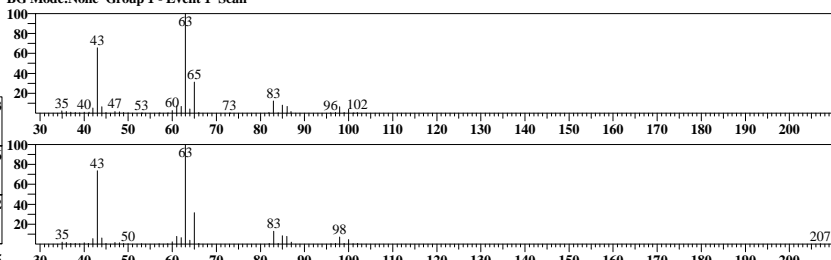
ID#:20 R.Time:3.083(Scan#:381)
MassPeaks:45
RawMode:Averaged 3.042-3.092(371-383)
BG Mode:None Group 1 - Event 1 Scan



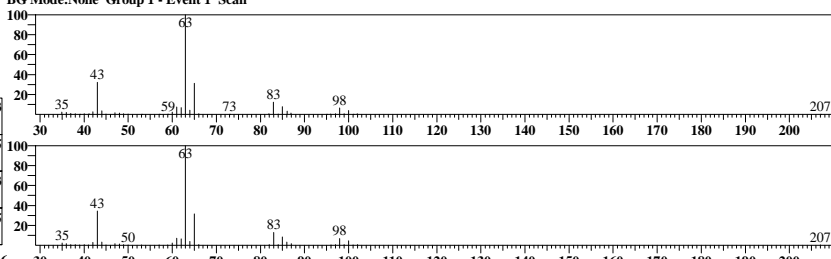
ID#:21 R.Time:3.092(Scan#:383)
MassPeaks:46
RawMode:Averaged 3.067-3.117(377-389)
BG Mode:None Group 1 - Event 1 Scan



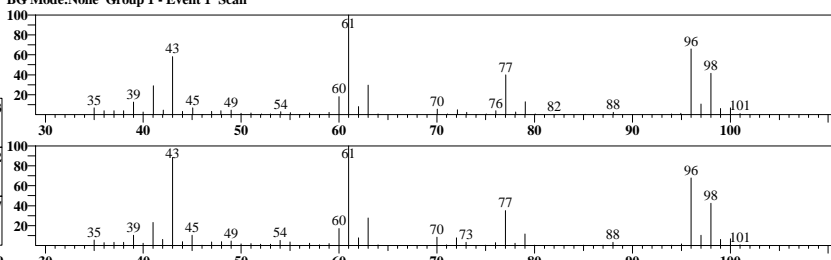
ID#:22 R.Time:3.367(Scan#:449)
MassPeaks:39
RawMode:Averaged 3.325-3.375(439-451)
BG Mode:None Group 1 - Event 1 Scan



ID#:23 R.Time:3.375(Scan#:451)
MassPeaks:41
RawMode:Averaged 3.350-3.400(445-457)
BG Mode:None Group 1 - Event 1 Scan



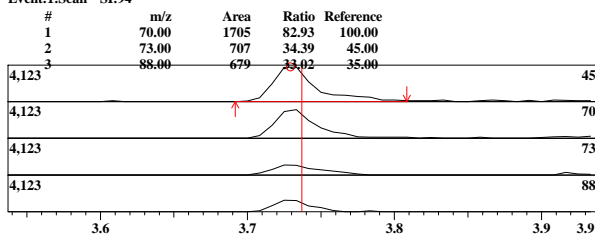
ID#:24 R.Time:3.742(Scan#:539)
MassPeaks:54
RawMode:Averaged 3.700-3.750(529-541)
BG Mode:None Group 1 - Event 1 Scan



ID#:25 Name:Ethyl Acetate Type:Target No Manual Integration

Mass:45.00 R.T:3.729 Area:8434 Conc:17.42270ppm

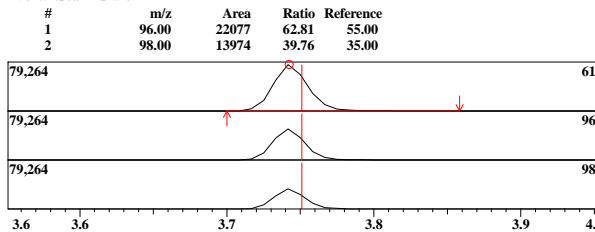
Event:1:Scan SI:94



ID#:26 Name:cis-1,2-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:3.743 Area:126894 Conc:21.64013ppm

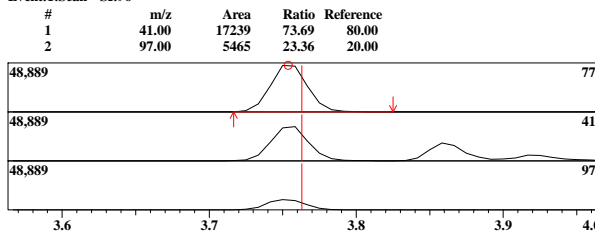
Event:1:Scan SI:96



ID#:27 Name:2,2-Dichloropropane Type:Target No Manual Integration

Mass:77.00 R.T:3.754 Area:83583 Conc:22.41286ppm

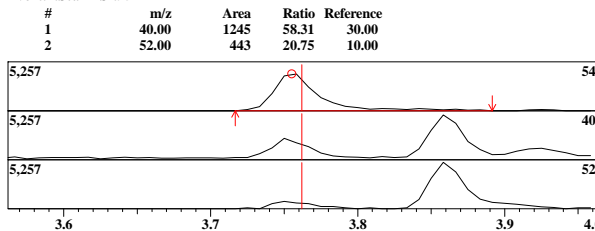
Event:1:Scan SI:96



ID#:28 Name:Propionitrile(Ethyl cyanide) Type:Target No Manual Integration

Mass:54.00 R.T:3.755 Area:8908 Conc:20.64783ppm

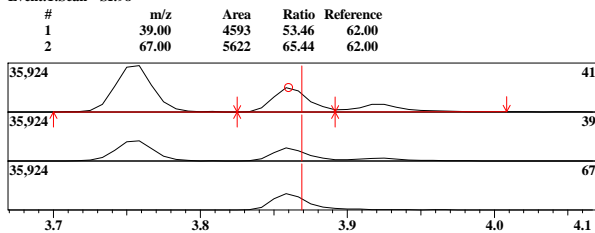
Event:1:Scan SI:95



ID#:29 Name:Methacrylonitrile Type:Target No Manual Integration

Mass:41.00 R.T:3.860 Area:30443 Conc:18.52041ppm

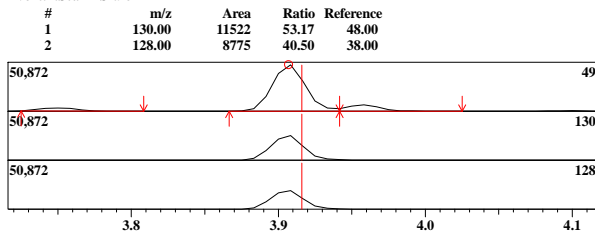
Event:1:Scan SI:98



ID#:30 Name:Bromochloromethane Type:Target No Manual Integration

Mass:49.00 R.T:3.907 Area:76946 Conc:19.64704ppm

Event:1:Scan SI:96

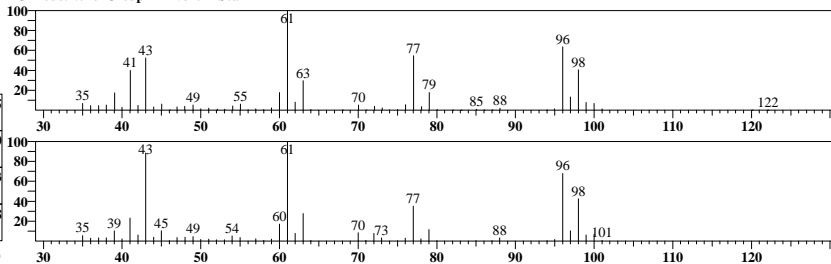


ID#:25 R.Time:3.750(Scan#:541)

MassPeaks:58

RawMode:Averaged 3.708-3.758(531-543)

BG Mode:None Group 1 - Event 1 Scan

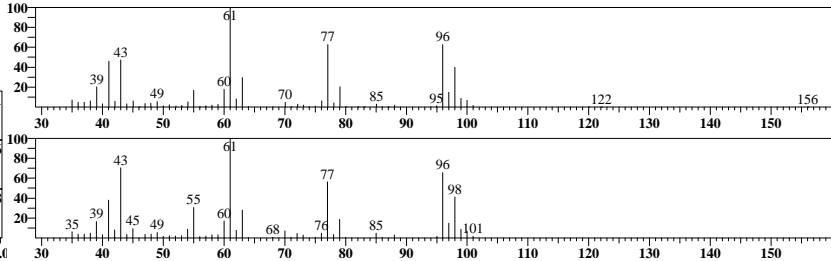


ID#:26 R.Time:3.750(Scan#:541)

MassPeaks:59

RawMode:Averaged 3.717-3.767(533-545)

BG Mode:None Group 1 - Event 1 Scan

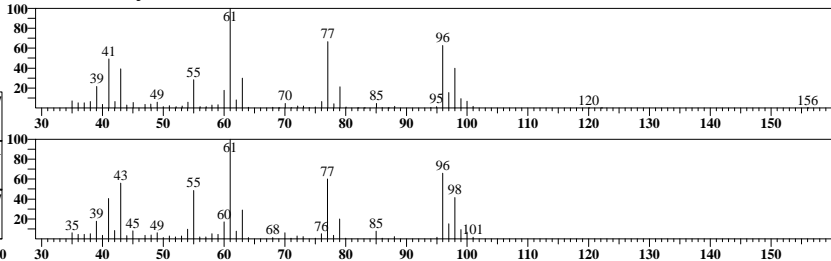


ID#:27 R.Time:3.750(Scan#:541)

MassPeaks:59

RawMode:Averaged 3.725-3.775(535-547)

BG Mode:None Group 1 - Event 1 Scan

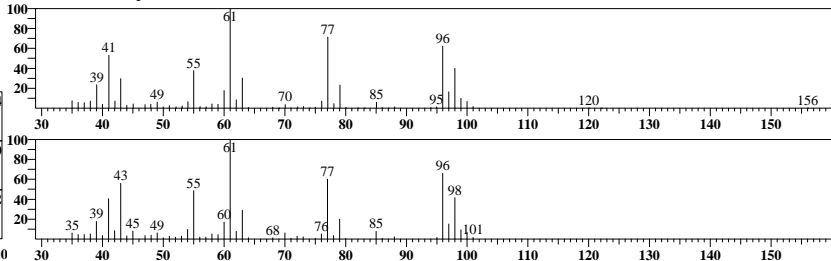


ID#:28 R.Time:3.750(Scan#:541)

MassPeaks:59

RawMode:Averaged 3.733-3.783(537-549)

BG Mode:None Group 1 - Event 1 Scan

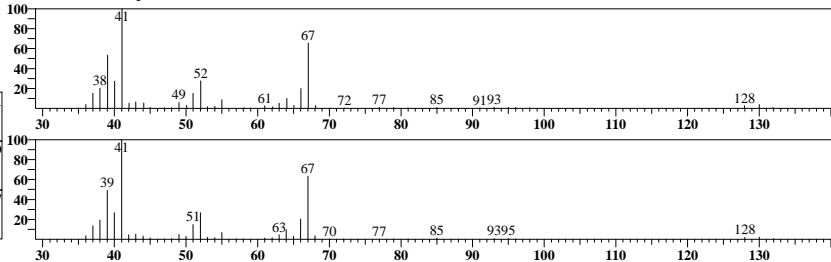


ID#:29 R.Time:3.858(Scan#:567)

MassPeaks:46

RawMode:Averaged 3.833-3.883(561-573)

BG Mode:None Group 1 - Event 1 Scan

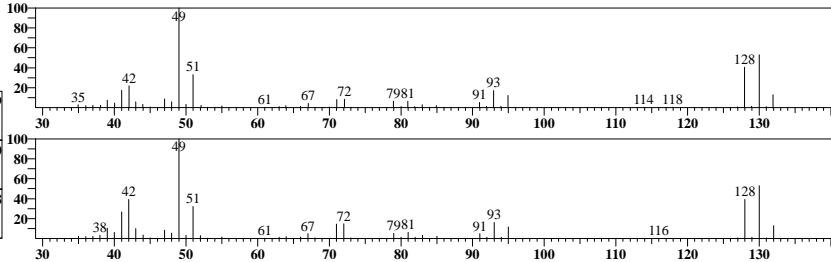


ID#:30 R.Time:3.908(Scan#:579)

MassPeaks:59

RawMode:Averaged 3.883-3.933(573-585)

BG Mode:None Group 1 - Event 1 Scan

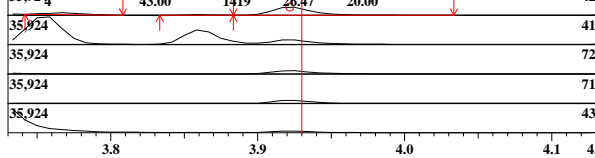


ID#:31 Name:Tetrahydrofuran Type:Target No Manual Integration

Mass:42.00 R.T:3.922 Area:19479 Conc:15.34725ppm

Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	41.00	3362	62.71	50.00
2	72.00	2136	39.84	30.00
3	71.00	1967	36.69	30.00
4	43.00	1419	26.47	20.00

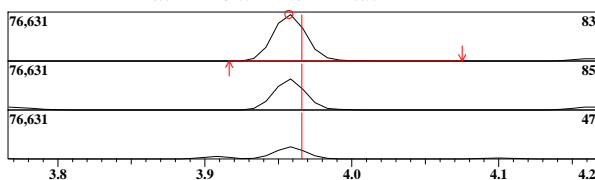


ID#:32 Name:Chloroform Type:Target No Manual Integration

Mass:83.00 R.T:3.957 Area:119279 Conc:20.88637ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	85.00	21419	64.28	64.00
2	47.00	8400	25.21	25.00

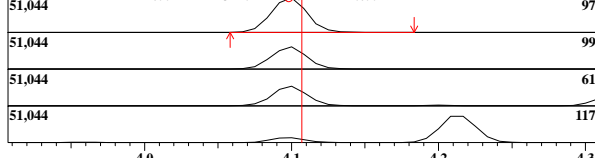


ID#:33 Name:1,1,1-Trichloroethane Type:Target No Manual Integration

Mass:97.00 R.T:4.098 Area:84938 Conc:21.47121ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	99.00	14903	62.78	64.00
2	61.00	13158	55.43	50.00
3	117.00	3420	14.41	10.00

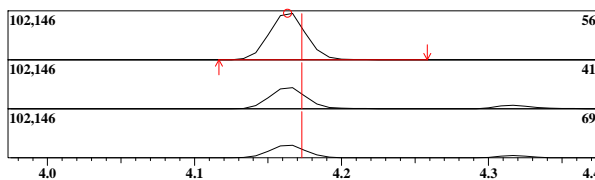


ID#:34 Name:Cyclohexane Type:Target No Manual Integration

Mass:56.00 R.T:4.163 Area:174968 Conc:22.17470ppm

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	41.00	22409	45.80	60.00
2	69.00	13332	27.25	25.00

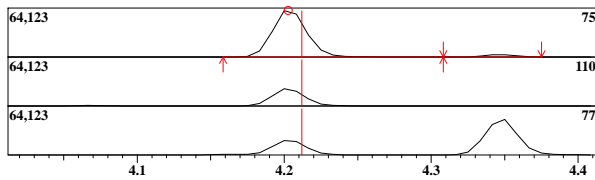


ID#:35 Name:1,1-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:4.203 Area:101717 Conc:20.32061ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	110.00	10295	36.41	34.00
2	77.00	9095	32.17	30.00

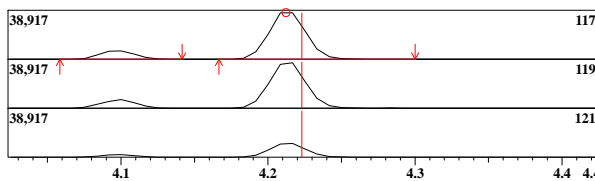


ID#:36 Name:Carbon tetrachloride Type:Target No Manual Integration

Mass:117.00 R.T:4.212 Area:67608 Conc:21.34625ppm

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	119.00	18100	96.02	95.00
2	121.00	5533	29.35	30.00

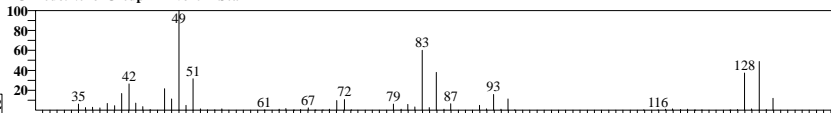


ID#:31 R.Time:3.908(Scan#:579)

MassPeaks:62

RawMode:Averaged 3.900-3.950(577-589)

BG Mode:None Group 1 - Event 1 Scan

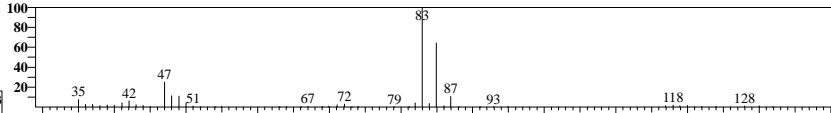


ID#:32 R.Time:3.958(Scan#:591)

MassPeaks:51

RawMode:Averaged 3.933-3.983(585-597)

BG Mode:None Group 1 - Event 1 Scan

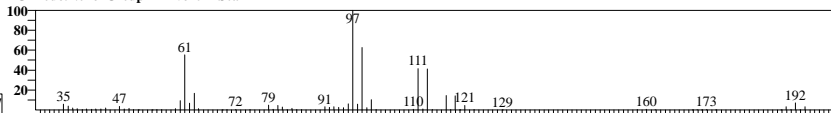


ID#:33 R.Time:4.100(Scan#:625)

MassPeaks:74

RawMode:Averaged 4.075-4.125(619-631)

BG Mode:None Group 1 - Event 1 Scan

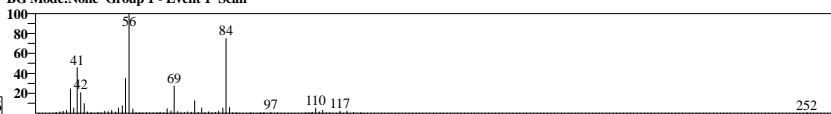


ID#:34 R.Time:4.167(Scan#:641)

MassPeaks:70

RawMode:Averaged 4.142-4.192(635-647)

BG Mode:None Group 1 - Event 1 Scan

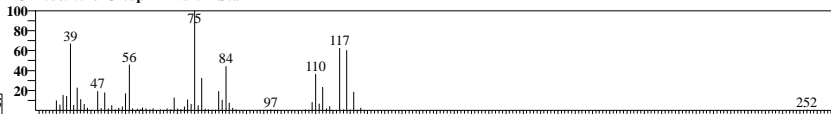


ID#:35 R.Time:4.208(Scan#:651)

MassPeaks:73

RawMode:Averaged 4.175-4.225(643-655)

BG Mode:None Group 1 - Event 1 Scan

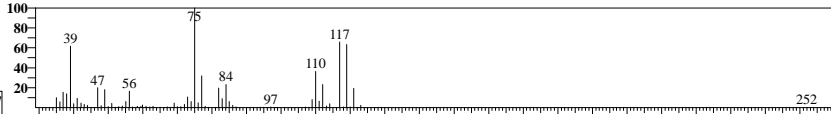


ID#:36 R.Time:4.208(Scan#:651)

MassPeaks:72

RawMode:Averaged 4.183-4.233(645-657)

BG Mode:None Group 1 - Event 1 Scan

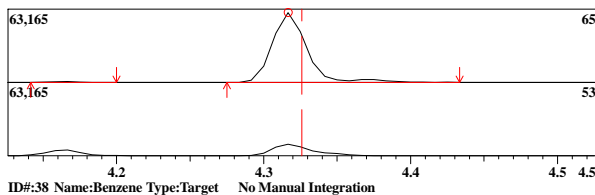


ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.317 Area:99474 Conc:53.83734ppb

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	53.00	4994	18.77	15.00

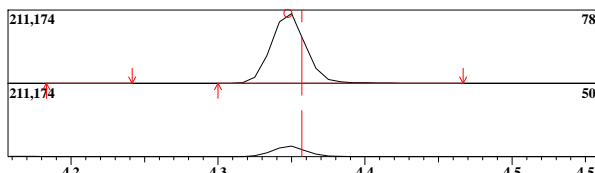


ID#:38 Name:Benzene Type:Target No Manual Integration

Mass:78.00 R.T:4.348 Area:333935 Conc:20.48720ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	50.00	14427	15.46	16.00

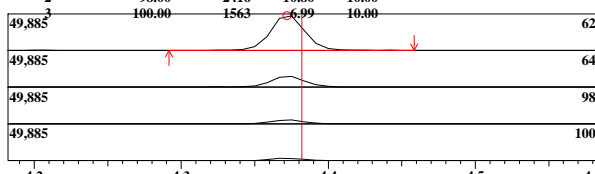


ID#:39 Name:1,2-Dichloroethane Type:Target No Manual Integration

Mass:62.00 R.T:4.372 Area:81095 Conc:21.16760ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	64.00	6865	30.68	30.00
2	98.00	2416	10.80	10.00
3	100.00	1563	6.99	10.00

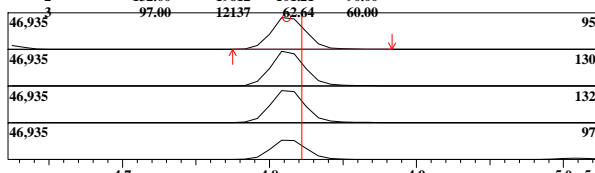


ID#:40 Name:Trichloroethene Type:Target No Manual Integration

Mass:95.00 R.T:4.812 Area:70007 Conc:20.21321ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	130.00	20644	106.54	95.00
2	132.00	19612	101.21	90.00
3	97.00	12137	62.64	60.00

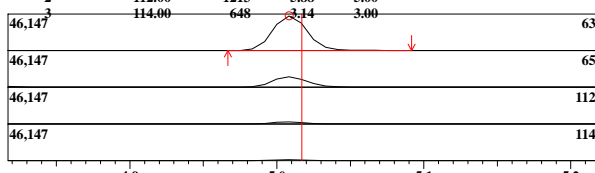


ID#:41 Name:1,2-Dichloropropane Type:Target No Manual Integration

Mass:63.00 R.T:5.008 Area:73695 Conc:20.45348ppb

Event:1:Scan SI:80

#	m/z	Area	Ratio	Reference
1	65.00	6199	30.03	30.00
2	112.00	1213	5.88	5.00
3	114.00	648	3.14	3.00

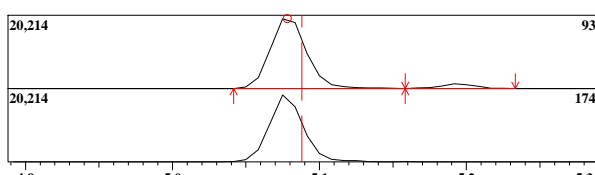


ID#:43 Name:Dibromomethane Type:Target No Manual Integration

Mass:93.00 R.T:5.078 Area:33899 Conc:20.60627ppb

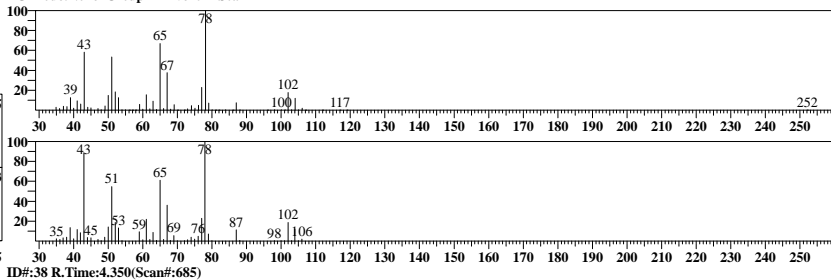
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	174.00	8291	89.02	30.00



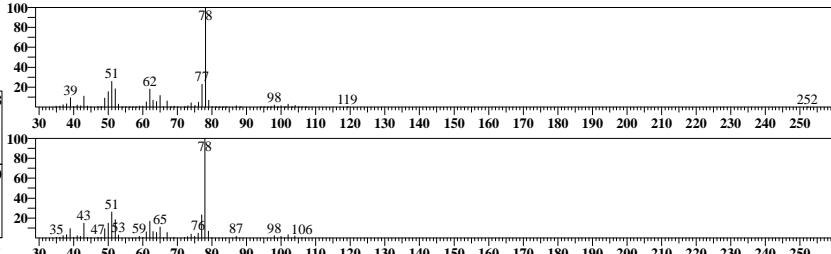
ID#:37 R.Time:4.317(Scan#:677)

MassPeaks:64
RawMode:Averaged 4.292-4.342(671-683)
BG Mode:None Group 1 - Event 1 Scan



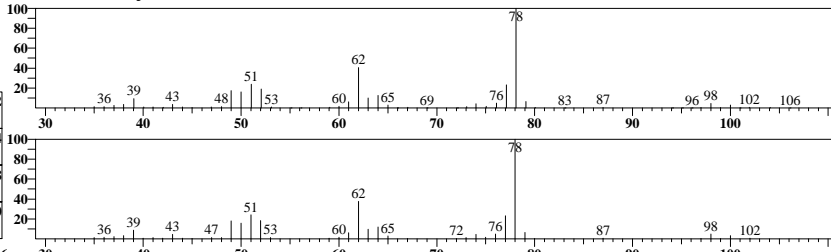
ID#:38 R.Time:4.350(Scan#:685)

MassPeaks:66
RawMode:Averaged 4.325-4.375(679-691)
BG Mode:None Group 1 - Event 1 Scan



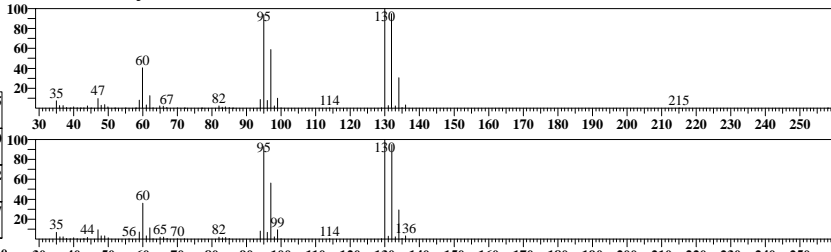
ID#:39 R.Time:4.358(Scan#:687)

MassPeaks:52
RawMode:Averaged 4.350-4.400(685-697)
BG Mode:None Group 1 - Event 1 Scan



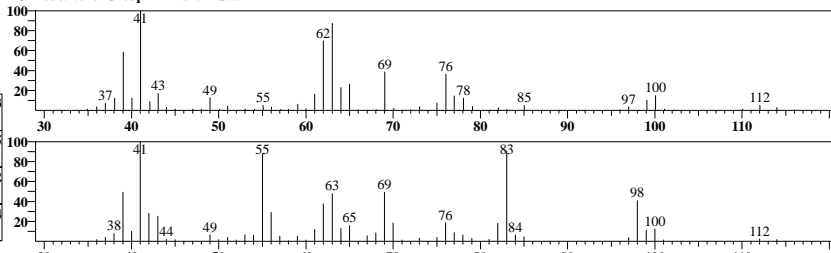
ID#:40 R.Time:4.808(Scan#:795)

MassPeaks:52
RawMode:Averaged 4.783-4.833(789-801)
BG Mode:None Group 1 - Event 1 Scan



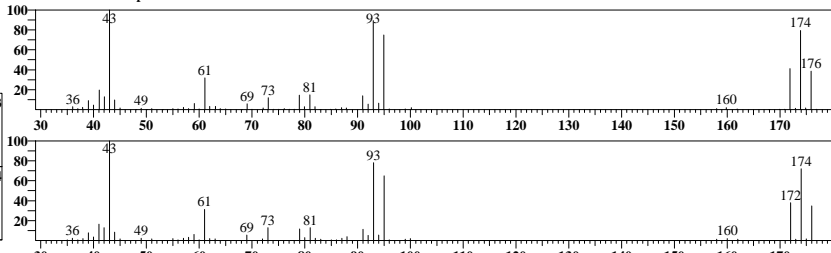
ID#:41 R.Time:5.008(Scan#:843)

MassPeaks:63
RawMode:Averaged 4.983-5.033(837-849)
BG Mode:None Group 1 - Event 1 Scan



ID#:43 R.Time:5.075(Scan#:859)

MassPeaks:66
RawMode:Averaged 5.050-5.100(853-865)
BG Mode:None Group 1 - Event 1 Scan

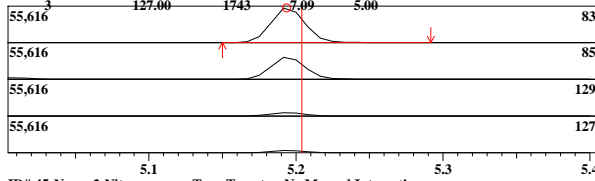


ID#:44 Name:Bromodichloromethane Type:Target No Manual Integration

Mass:83.00 R.T:5.194 Area:88519 Conc:21.81650ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	85.00	15534	63.16	63.00
2	129.00	2387	9.71	10.00
3	127.00	1743	7.09	5.00

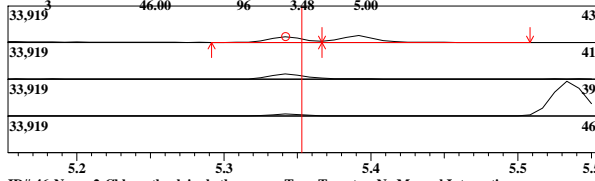


ID#:45 Name:2-Nitropropane Type:Target No Manual Integration

Mass:43.00 R.T:5.342 Area:9122 Conc:21.19400ppb

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	41.00	2312	* 83.86	30.00
2	39.00	859	31.16	15.00
3	46.00	96	3.48	5.00

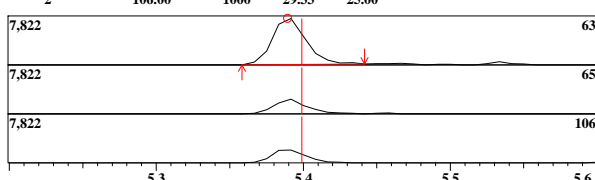


ID#:46 Name:2-Chloroethylvinyl ether Type:Target No Manual Integration

Mass:63.00 R.T:5.390 Area:11952 Conc:16.18961ppb

Event:1:Scan SI:70

#	m/z	Area	Ratio	Reference
1	65.00	1051	30.83	30.00
2	106.00	1000	29.33	25.00

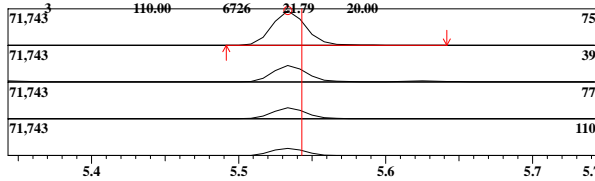


ID#:47 Name:cis-1,3-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:5.534 Area:111273 Conc:20.66695ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	39.00	14802	47.96	60.00
2	77.00	9822	31.83	31.00
3	110.00	6726	21.79	20.00

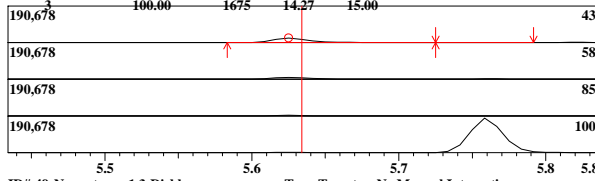


ID#:48 Name:4-Methyl-2-Pentanone(MIBK) Type:Target No Manual Integration

Mass:43.00 R.T:5.625 Area:44743 Conc:16.90391ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	58.00	4885	41.62	40.00
2	85.00	2004	17.08	15.00
3	100.00	1675	14.27	15.00

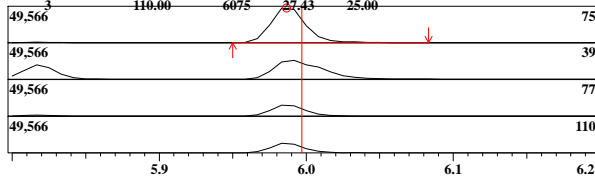


ID#:49 Name:trans-1,3-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:5.987 Area:81182 Conc:20.47316ppb

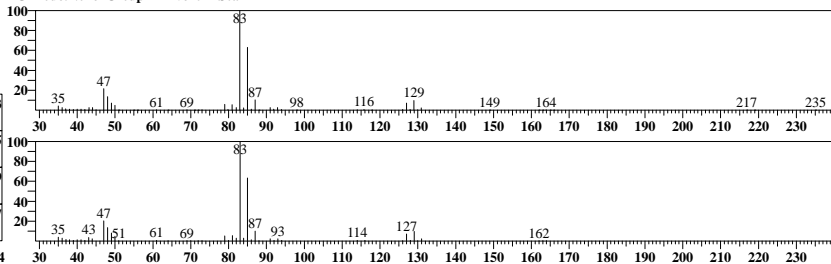
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	39.00	14203	64.14	90.00
2	77.00	7079	31.97	30.00
3	110.00	6075	27.43	25.00



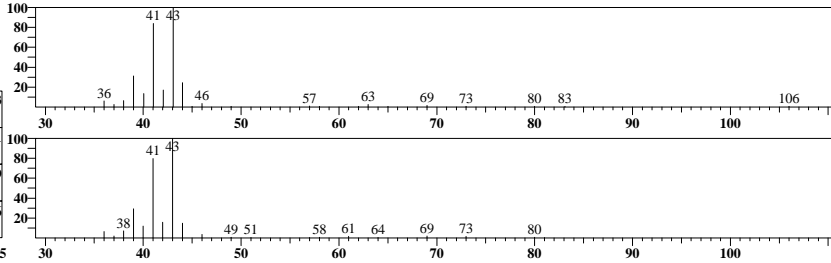
ID#:44 R.Time:5.192(Scan#:887)

MassPeaks:57
RawMode:Averaged 5.167-5.217(881-893)
BG Mode:None Group 1 - Event 1 Scan



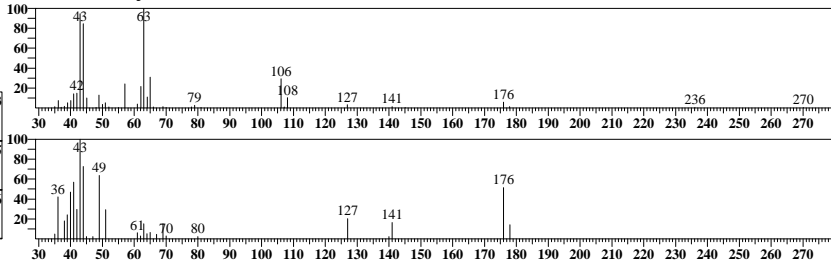
ID#:45 R.Time:5.342(Scan#:923)

MassPeaks:22
RawMode:Averaged 5.317-5.367(917-929)
BG Mode:None Group 1 - Event 1 Scan



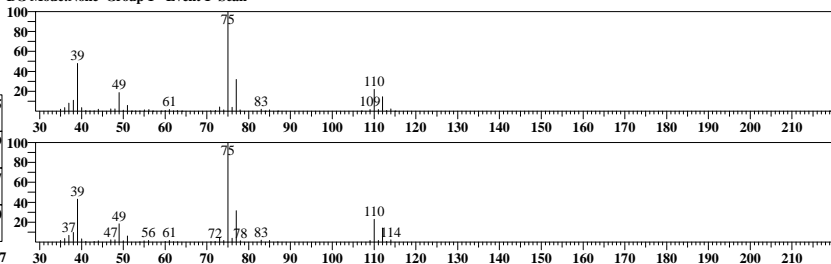
ID#:46 R.Time:5.392(Scan#:935)

MassPeaks:39
RawMode:Averaged 5.367-5.417(929-941)
BG Mode:None Group 1 - Event 1 Scan



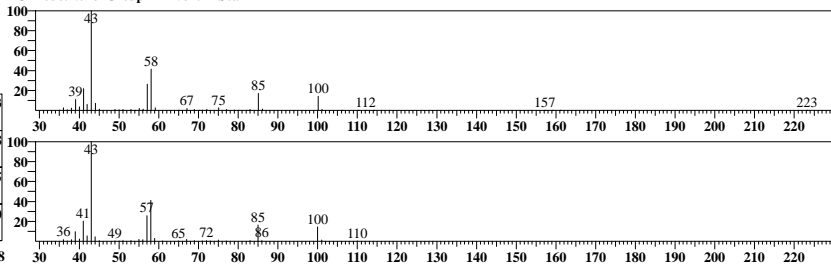
ID#:47 R.Time:5.533(Scan#:969)

MassPeaks:48
RawMode:Averaged 5.508-5.558(963-975)
BG Mode:None Group 1 - Event 1 Scan



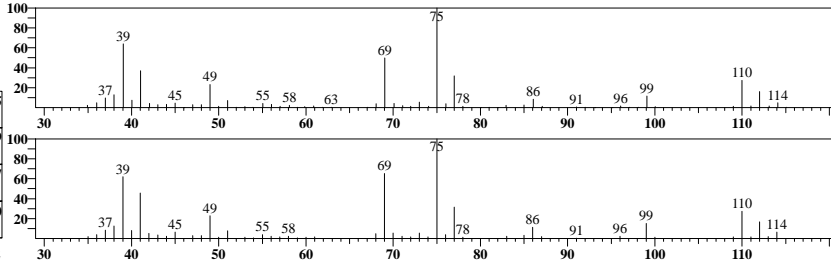
ID#:48 R.Time:5.625(Scan#:991)

MassPeaks:45
RawMode:Averaged 5.600-5.650(985-997)
BG Mode:None Group 1 - Event 1 Scan



ID#:49 R.Time:5.992(Scan#:1079)

MassPeaks:64
RawMode:Averaged 5.958-6.008(1071-1083)
BG Mode:None Group 1 - Event 1 Scan

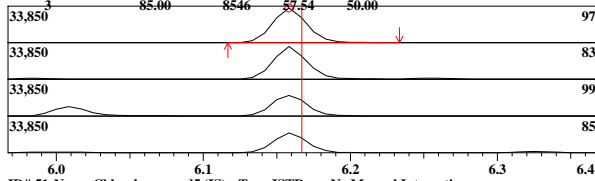


ID#:50 Name:1,1,2-Trichloroethane Type:Target No Manual Integration

Mass:97.00 R.T:6.158 Area:53251 Conc:19.91187ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	83.00	13863	93.34	90.00
2	99.00	9191	61.88	60.00
3	85.00	8546	57.54	50.00

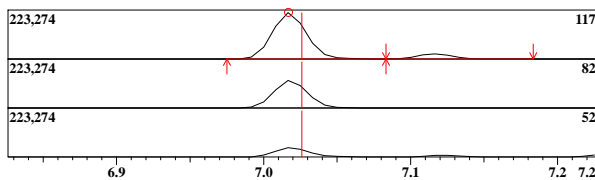


ID#:51 Name:Chlorobenzene-d5 (IS) Type:ISTD No Manual Integration

Mass:117.00 R.T:7.017 Area:349071 Conc:50.00000ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	82.00	58274	59.60	60.00
2	52.00	20010	20.47	30.00

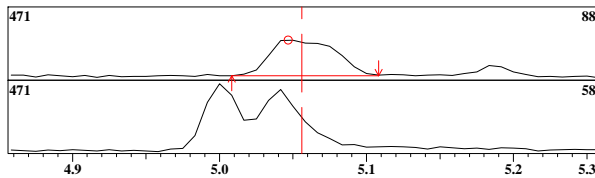


ID#:52 Name:1,4-Dioxane Type:Target Manual Integration Performed
Manual Reason: Peak Not Found ABO 02/08/22

Mass:88.00 R.T:5.047 Area:728 Conc:17.26728ppb

Event:2:SIM SI:90

#	m/z	Area	Ratio	Reference
1	58.00	246	120.00	130.00

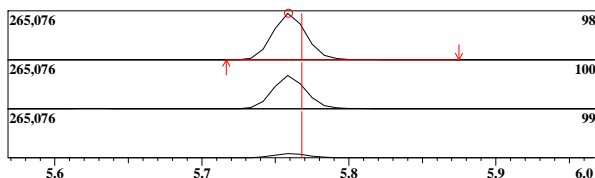


ID#:53 Name:Toluene-d8 Type:Surrogate/SMC No Manual Integration

Mass:98.00 R.T:5.759 Area:408018 Conc:51.12541ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	100.00	81179	71.23	70.00
2	99.00	11143	9.78	10.00

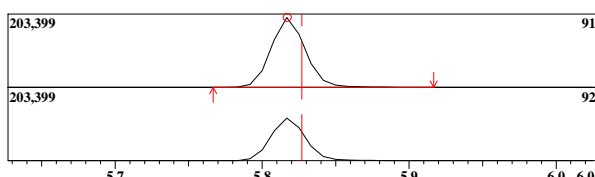


ID#:54 Name:Toluene Type:Target No Manual Integration

Mass:91.00 R.T:5.817 Area:315980 Conc:21.64679ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	92.00	54304	61.71	60.00

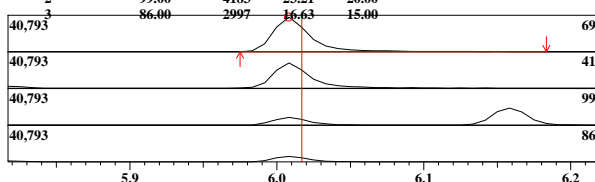


ID#:55 Name:Ethyl Methacrylate Type:Target No Manual Integration

Mass:69.00 R.T:6.008 Area:70082 Conc:20.18162ppb

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	41.00	13272	73.64	80.00
2	99.00	4183	23.21	20.00
3	86.00	2997	16.63	15.00

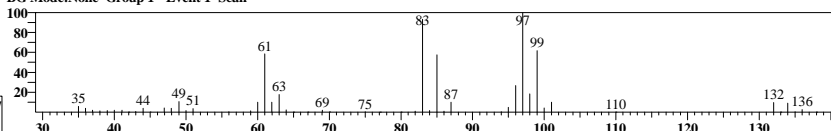


ID#:50 R.Time:6.158(Scan#:1119)

MassPeaks:51

RawMode:Averaged 6.133-6.183(1113-1125)

BG Mode:None Group 1 - Event 1 Scan

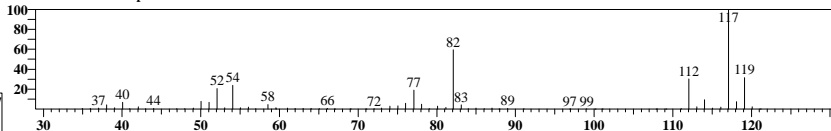


ID#:51 R.Time:7.017(Scan#:1325)

MassPeaks:69

RawMode:Averaged 6.992-7.042(1319-1331)

BG Mode:None Group 1 - Event 1 Scan

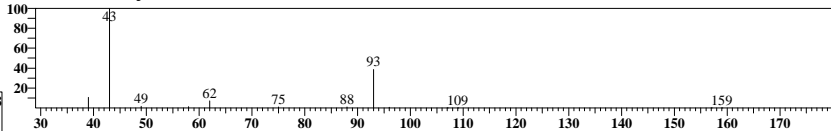


ID#:52 R.Time:5.033(Scan#:850)

MassPeaks:13

RawMode:Averaged 5.025-5.075(848-860)

BG Mode:None Group 1 - Event 2 SIM

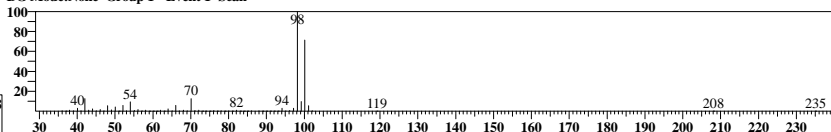


ID#:53 R.Time:5.758(Scan#:1023)

MassPeaks:69

RawMode:Averaged 5.733-5.783(1017-1029)

BG Mode:None Group 1 - Event 1 Scan

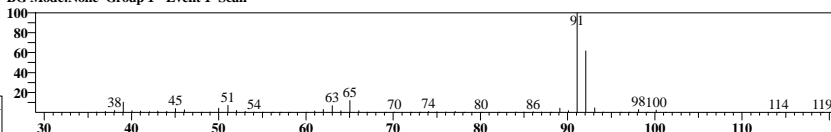


ID#:54 R.Time:5.817(Scan#:1037)

MassPeaks:60

RawMode:Averaged 5.792-5.842(1031-1043)

BG Mode:None Group 1 - Event 1 Scan

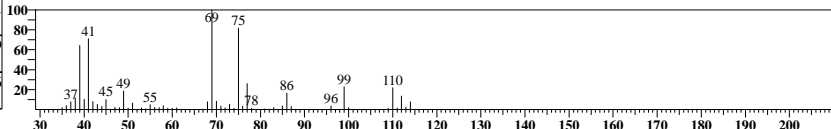
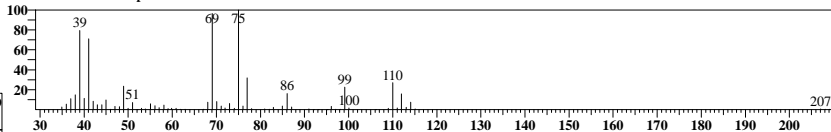


ID#:55 R.Time:5.992(Scan#:1079)

MassPeaks:67

RawMode:Averaged 5.983-6.033(1077-1089)

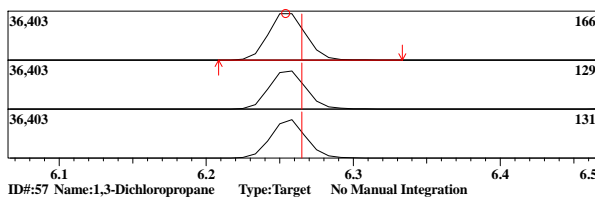
BG Mode:None Group 1 - Event 1 Scan



ID#:56 Name:Tetrachloroethene Type:Target No Manual Integration

Mass:166.00 R.T:6.254 Area:63088 Conc:20.90260ppb
Event:1:Scan SI:98

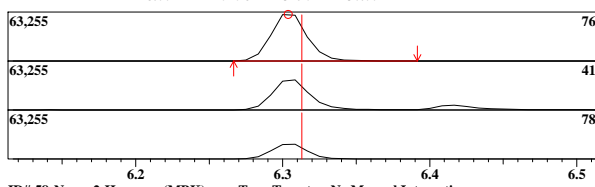
#	m/z	Area	Ratio	Reference
1	129.00	13994	80.14	85.00
2	131.00	13415	76.82	80.00



ID#:57 Name:1,3-Dichloropropane Type:Target No Manual Integration

Mass:76.00 R.T:6.304 Area:106791 Conc:19.84240ppb
Event:1:Scan SI:97

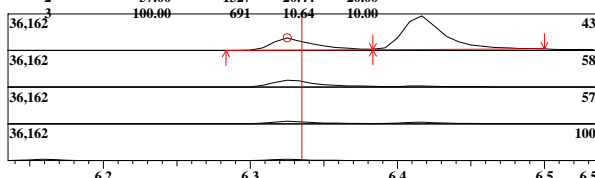
#	m/z	Area	Ratio	Reference
1	41.00	19307	65.65	85.00
2	78.00	9496	32.29	30.00



ID#:58 Name:2-Hexanone(MBK) Type:Target No Manual Integration

Mass:43.00 R.T:6.325 Area:23970 Conc:17.83642ppb
Event:1:Scan SI:97

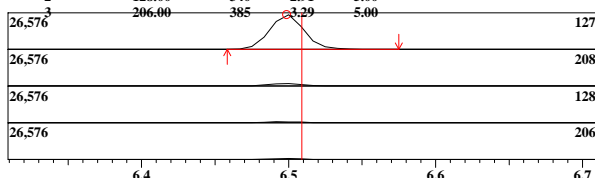
#	m/z	Area	Ratio	Reference
1	58.00	3658	56.35	50.00
2	57.00	1327	20.44	20.00
3	100.00	691	10.64	10.00



ID#:59 Name:Dibromochloromethane Type:Target No Manual Integration

Mass:127.00 R.T:6.499 Area:41790 Conc:22.54886ppb
Event:1:Scan SI:99

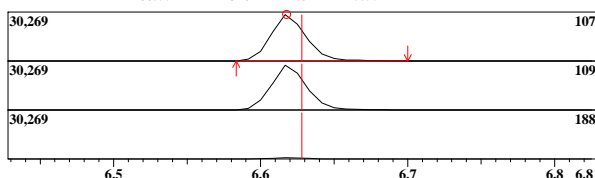
#	m/z	Area	Ratio	Reference
1	208.00	813	6.95	7.00
2	128.00	340	2.91	5.00
3	206.00	385	3.29	5.00



ID#:60 Name:1,2-Dibromoethane Type:Target No Manual Integration

Mass:107.00 R.T:6.618 Area:48537 Conc:20.43016ppb
Event:1:Scan SI:99

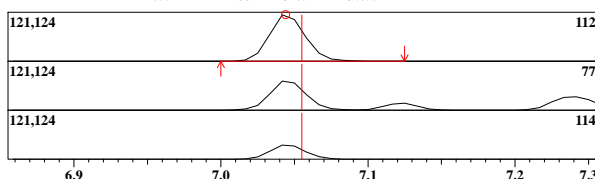
#	m/z	Area	Ratio	Reference
1	109.00	13022	96.96	90.00
2	188.00	378	2.81	5.00



ID#:61 Name:Chlorobenzene Type:Target No Manual Integration

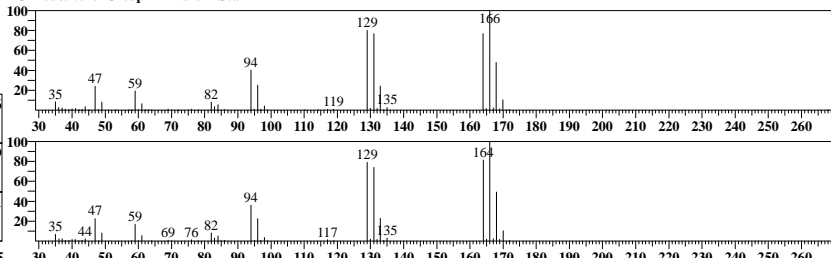
Mass:112.00 R.T:7.044 Area:198075 Conc:20.48786ppb
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	77.00	35481	64.22	65.00
2	114.00	17166	31.07	30.00



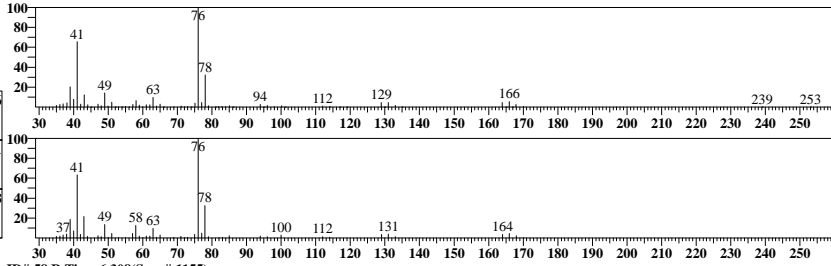
ID#:56 R.Time:6.258(Scan#:1143)

MassPeaks:62
RawMode:Averaged 6.225-6.275(1135-1147)
BG Mode:None Group 1 - Event 1 Scan



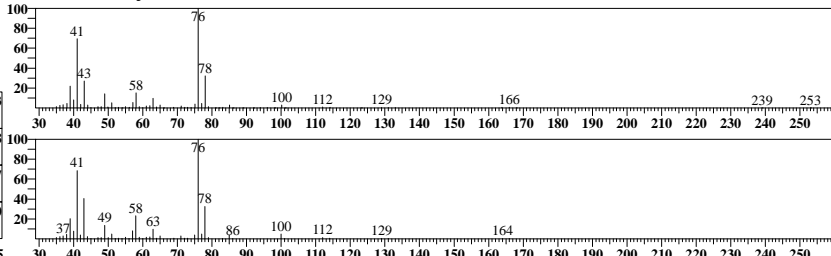
ID#:57 R.Time:6.308(Scan#:1155)

MassPeaks:70
RawMode:Averaged 6.275-6.325(1147-1159)
BG Mode:None Group 1 - Event 1 Scan



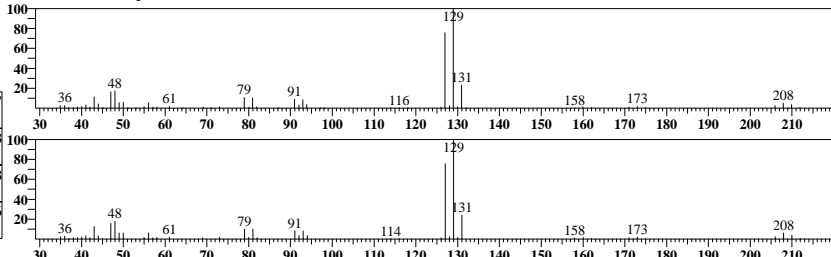
ID#:58 R.Time:6.308(Scan#:1155)

MassPeaks:64
RawMode:Averaged 6.300-6.350(1153-1165)
BG Mode:None Group 1 - Event 1 Scan



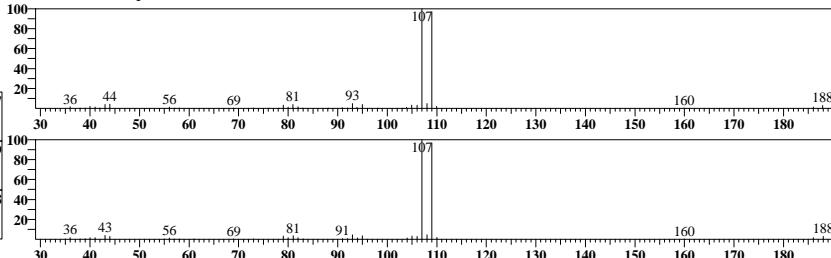
ID#:59 R.Time:6.500(Scan#:1201)

MassPeaks:58
RawMode:Averaged 6.475-6.525(1195-1207)
BG Mode:None Group 1 - Event 1 Scan



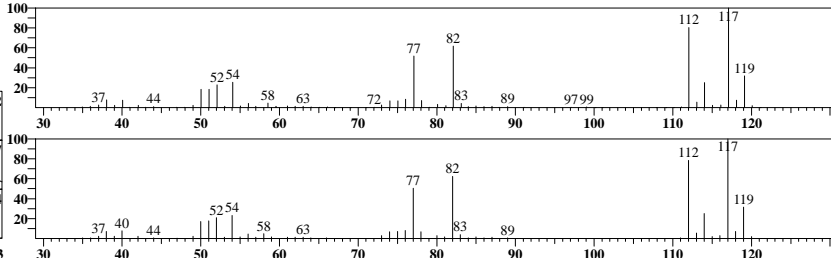
ID#:60 R.Time:6.617(Scan#:1229)

MassPeaks:39
RawMode:Averaged 6.592-6.642(1223-1235)
BG Mode:None Group 1 - Event 1 Scan



ID#:61 R.Time:7.025(Scan#:1327)

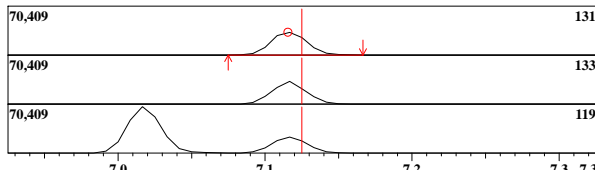
MassPeaks:70
RawMode:Averaged 7.017-7.067(1325-1337)
BG Mode:None Group 1 - Event 1 Scan



ID#:62 Name:1,1,1,2-Tetrachloroethane Type:Target No Manual Integration

Mass:131.00 R.T:7.116 Area:58480 Conc:22.26977ppb

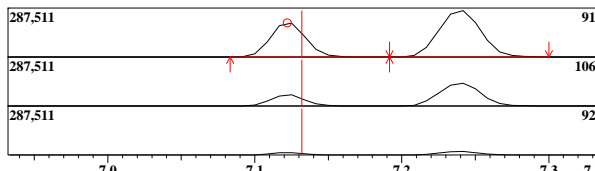
#	m/z	Area	Ratio	Reference
1	133.00	15274	93.04	90.00
2	119.00	11268	68.64	70.00



ID#:63 Name:Ethylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:7.122 Area:340544 Conc:21.73022ppb

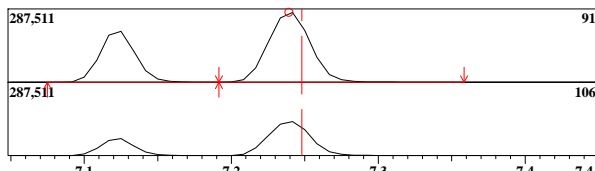
#	m/z	Area	Ratio	Reference
1	106.00	31468	32.58	33.00
2	92.00	7365	7.63	10.00



ID#:64 Name:Xylene-mp Type:Target No Manual Integration

Mass:91.00 R.T:7.239 Area:552116 Conc:42.71258ppb

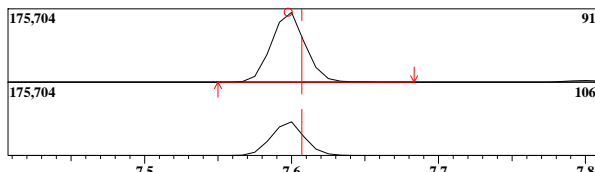
#	m/z	Area	Ratio	Reference
1	106.00	75583	49.34	30.00



ID#:65 Name:Xylene-o Type:Target No Manual Integration

Mass:91.00 R.T:7.598 Area:269990 Conc:21.41132ppb

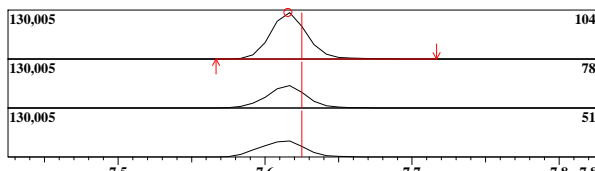
#	m/z	Area	Ratio	Reference
1	106.00	36733	48.17	50.00



ID#:66 Name:Styrene Type:Target No Manual Integration

Mass:104.00 R.T:7.616 Area:215525 Conc:21.76228ppb

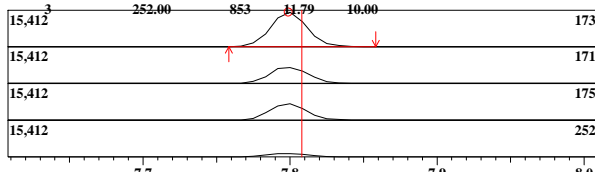
#	m/z	Area	Ratio	Reference
1	78.00	31436	52.60	50.00
2	51.00	25229	42.21	40.00



ID#:67 Name:Bromoform Type:Target No Manual Integration

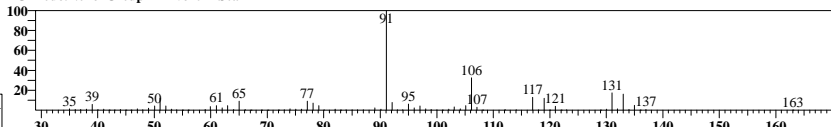
Mass:173.00 R.T:7.799 Area:25916 Conc:21.13133ppb

#	m/z	Area	Ratio	Reference
1	171.00	3599	49.73	50.00
2	175.00	3494	48.28	50.00
3	252.00	853	11.79	10.00



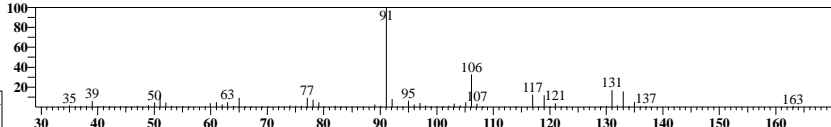
ID#:62 R.Time:7.117(Scan#:1349)

MassPeaks:87
RawMode:Averaged 7.092-7.142(1343-1355)
BG Mode:None Group 1 - Event 1 Scan



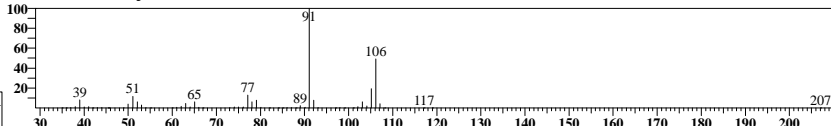
ID#:63 R.Time:7.117(Scan#:1349)

MassPeaks:87
RawMode:Averaged 7.100-7.150(1345-1357)
BG Mode:None Group 1 - Event 1 Scan



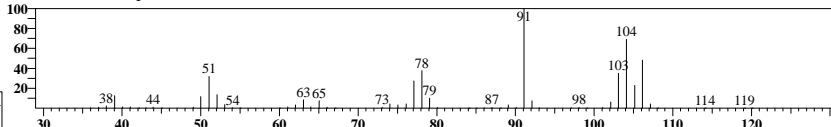
ID#:64 R.Time:7.242(Scan#:1379)

MassPeaks:60
RawMode:Averaged 7.217-7.267(1373-1385)
BG Mode:None Group 1 - Event 1 Scan



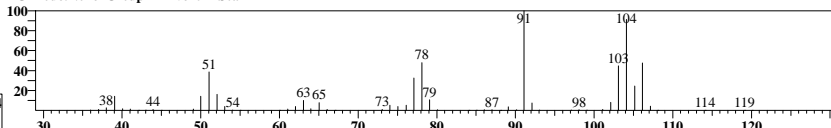
ID#:65 R.Time:7.608(Scan#:1467)

MassPeaks:57
RawMode:Averaged 7.575-7.625(1459-1471)
BG Mode:None Group 1 - Event 1 Scan



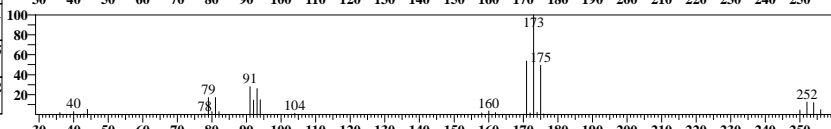
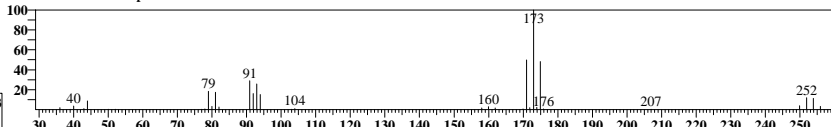
ID#:66 R.Time:7.608(Scan#:1467)

MassPeaks:57
RawMode:Averaged 7.592-7.642(1463-1475)
BG Mode:None Group 1 - Event 1 Scan



ID#:67 R.Time:7.800(Scan#:1513)

MassPeaks:34
RawMode:Averaged 7.775-7.825(1507-1519)
BG Mode:None Group 1 - Event 1 Scan

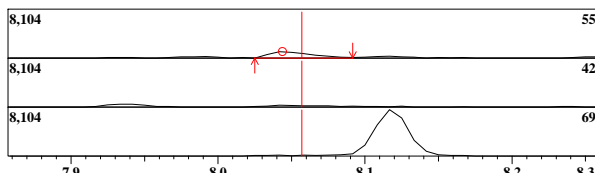


ID#:68 Name:Cyclohexanone Type:Target No Manual Integration

Mass:55.00 R.T:8.044 Area:2330 Conc:23.13799ppb

Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	42.00	234	35.35	40.00
2	69.00	140	21.15	20.00

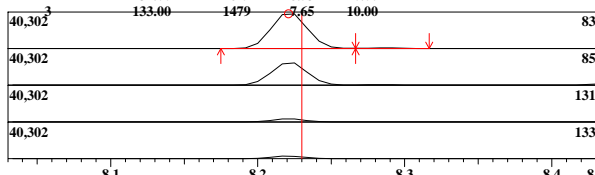


ID#:69 Name:1,1,2,2-Tetrachloroethane Type:Target No Manual Integration

Mass:83.00 R.T:8.221 Area:68787 Conc:20.70786ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	85.00	12341	63.82	60.00
2	131.00	1649	8.53	10.00
3	133.00	1479	7.65	10.00

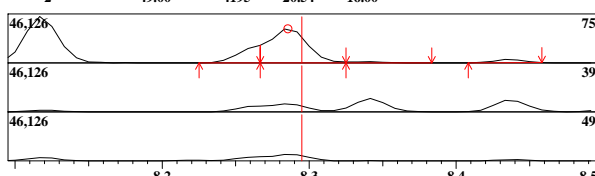


ID#:70 Name:1,2,3-Trichloropropane Type:Target Manual Integration Performed Manual Reason: Split Peak ABO 02/08/22

Mass:75.00 R.T:8.286 Area:54035 Conc:19.79695ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	39.00	5182	25.37	45.00
2	49.00	4195	20.54	16.00

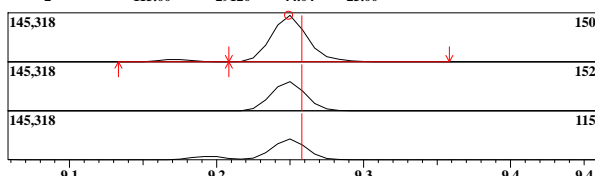


ID#:71 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.249 Area:239146 Conc:50.00000ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	152.00	40910	61.87	40.00
2	115.00	29120	44.04	25.00

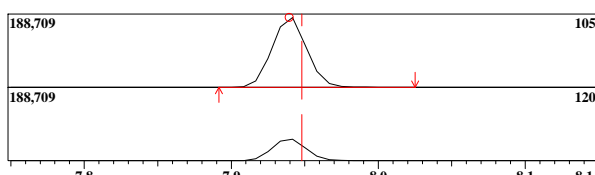


ID#:72 Name:Isopropylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:7.939 Area:300147 Conc:21.78282ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	120.00	26231	31.01	30.00

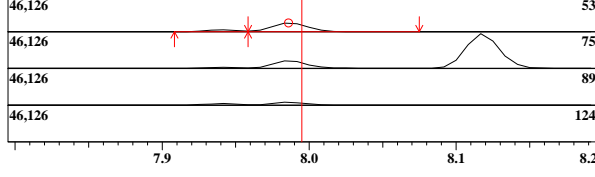


ID#:73 Name:Trans-1,4-Dichloro-2-butene Type:Target No Manual Integration

Mass:53.00 R.T:7.986 Area:20112 Conc:22.68467ppb

Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	75.00	4490	80.54	90.00
2	89.00	1902	34.12	30.00
3	124.00	172	3.09	5.00

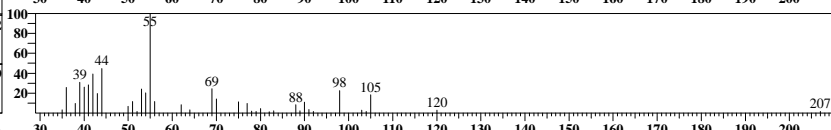
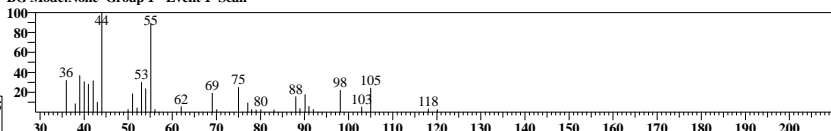


ID#:68 R.Time:8.042(Scan#:1571)

MassPeaks:34

RawMode:Averaged 8.025-8.067(1567-1577)

BG Mode:None Group 1 - Event 1 Scan

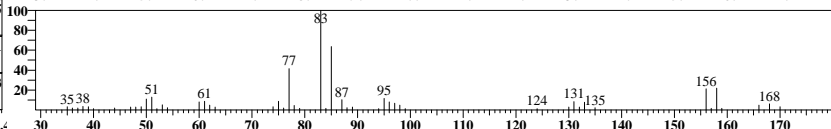
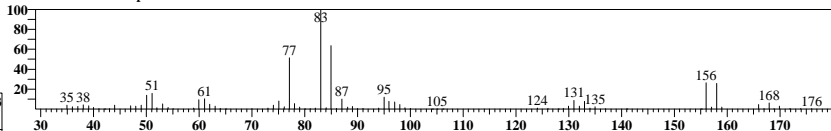


ID#:69 R.Time:8.225(Scan#:1615)

MassPeaks:81

RawMode:Averaged 8.200-8.250(1609-1621)

BG Mode:None Group 1 - Event 1 Scan

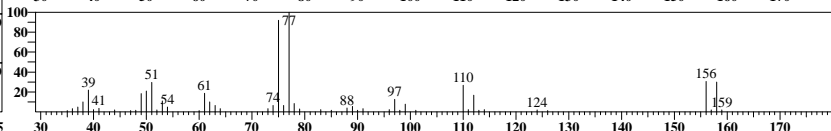
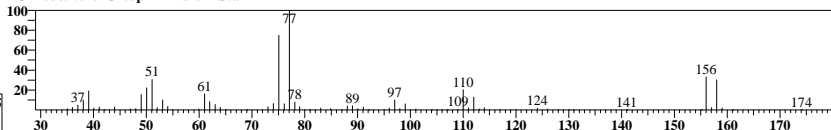


ID#:70 R.Time:8.275(Scan#:1627)

MassPeaks:80

RawMode:Averaged 8.267-8.308(1625-1635)

BG Mode:None Group 1 - Event 1 Scan

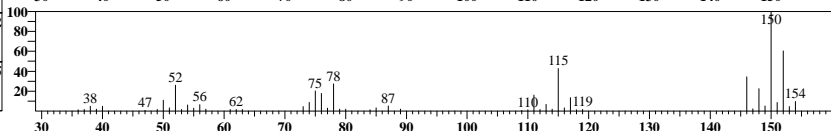
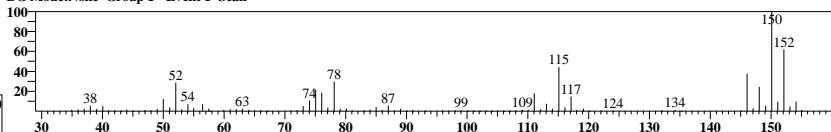


ID#:71 R.Time:9.250(Scan#:1861)

MassPeaks:93

RawMode:Averaged 9.225-9.275(1855-1867)

BG Mode:None Group 1 - Event 1 Scan

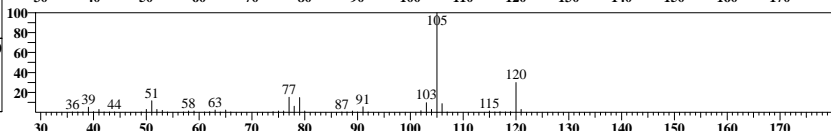
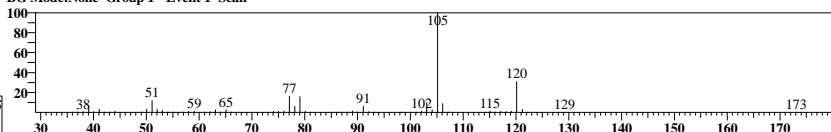


ID#:72 R.Time:7.942(Scan#:1547)

MassPeaks:63

RawMode:Averaged 7.917-7.967(1541-1553)

BG Mode:None Group 1 - Event 1 Scan

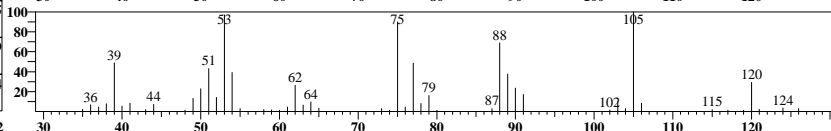
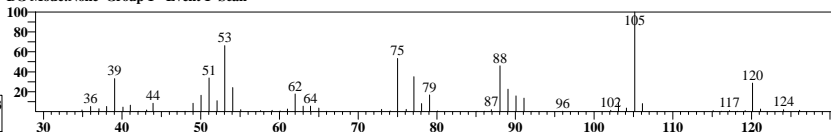


ID#:73 R.Time:7.983(Scan#:1557)

MassPeaks:59

RawMode:Averaged 7.958-8.008(1551-1563)

BG Mode:None Group 1 - Event 1 Scan

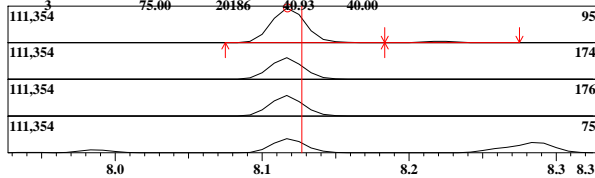


ID#:74 Name:Bromofluorobenzene Type:Surrogate/SMC No Manual Integration

Mass:95.00 R.T:8.117 Area:175660 Conc:54.00834ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	174.00	30207	61.25	50.00
2	176.00	28599	57.99	50.00
3	75.00	20186	40.93	40.00

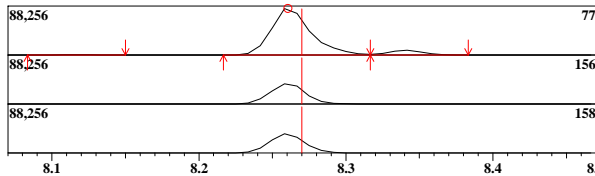


ID#:75 Name:Bromobenzene Type:Target No Manual Integration

Mass:77.00 R.T:8.261 Area:159247 Conc:21.31091ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	156.00	17689	41.91	40.00
2	158.00	16655	39.47	35.00

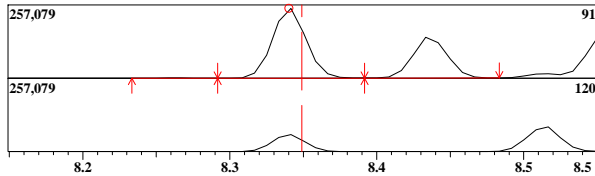


ID#:76 Name:n-Propylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:8.340 Area:392354 Conc:23.48331ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	120.00	27275	24.46	20.00

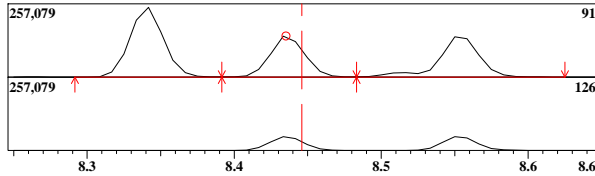


ID#:77 Name:2-Chlorotoluene Type:Target No Manual Integration

Mass:91.00 R.T:8.435 Area:239920 Conc:23.01104ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	126.00	23025	33.98	30.00

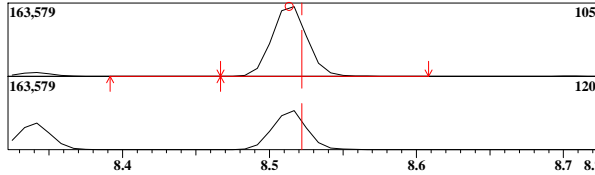


ID#:78 Name:1,3,5-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.514 Area:264490 Conc:22.09850ppb

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	120.00	40829	54.74	50.00

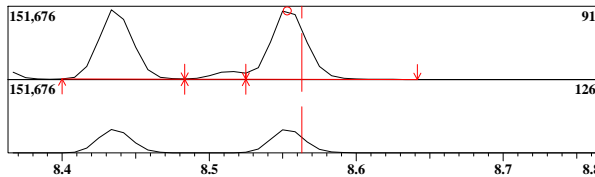


ID#:79 Name:4-Chlorotoluene Type:Target Manual Integration Performed
Manual Reason: Split Peak ABO 02/08/22

Mass:91.00 R.T:8.553 Area:245365 Conc:22.80043ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	126.00	22953	32.30	30.00

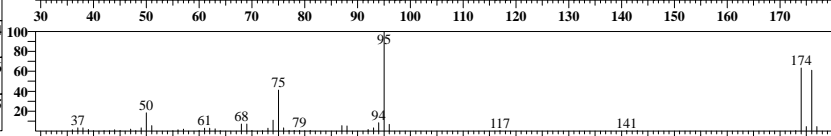
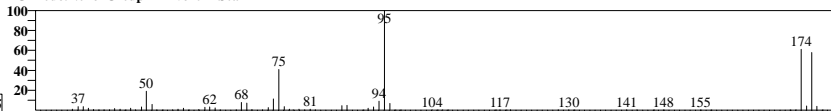


ID#:74 R.Time:8.117(Scan#:1589)

MassPeaks:76

RawMode:Averaged 8.092-8.142(1583-1595)

BG Mode:None Group 1 - Event 1 Scan

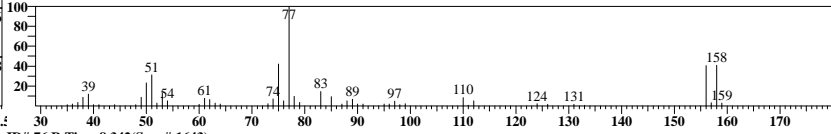
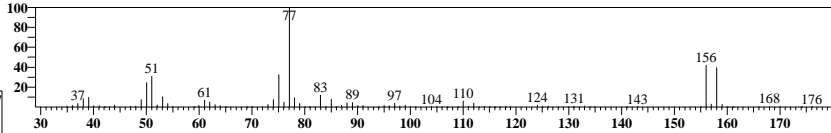


ID#:75 R.Time:8.258(Scan#:1623)

MassPeaks:96

RawMode:Averaged 8.233-8.283(1617-1629)

BG Mode:None Group 1 - Event 1 Scan

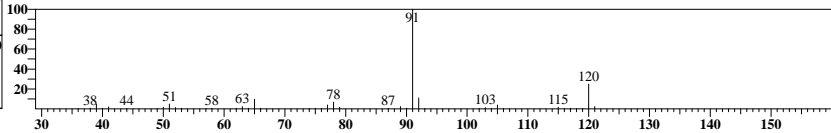
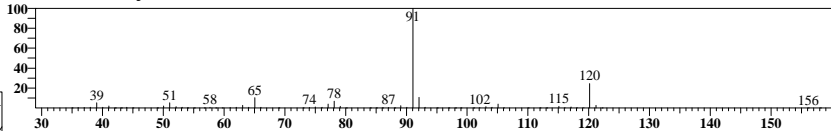


ID#:76 R.Time:8.342(Scan#:1643)

MassPeaks:70

RawMode:Averaged 8.317-8.367(1637-1649)

BG Mode:None Group 1 - Event 1 Scan

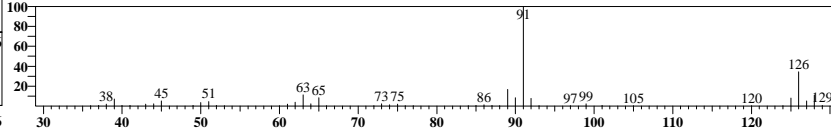
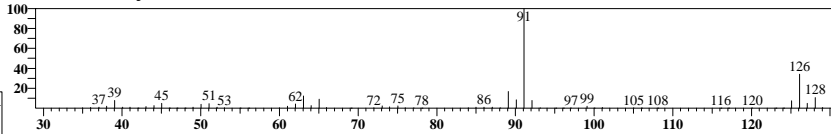


ID#:77 R.Time:8.433(Scan#:1665)

MassPeaks:65

RawMode:Averaged 8.408-8.458(1659-1671)

BG Mode:None Group 1 - Event 1 Scan

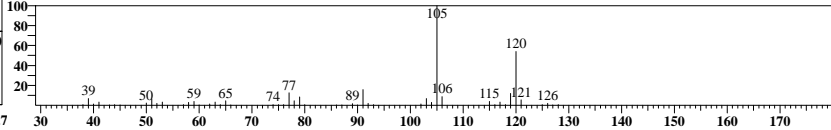
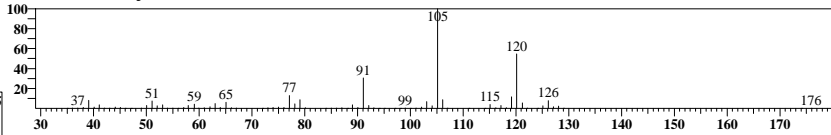


ID#:78 R.Time:8.517(Scan#:1685)

MassPeaks:82

RawMode:Averaged 8.492-8.542(1679-1691)

BG Mode:None Group 1 - Event 1 Scan

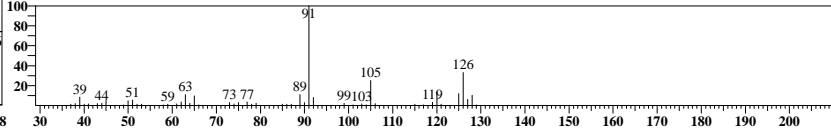
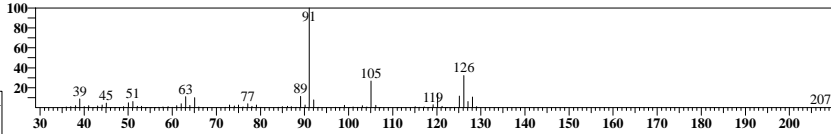


ID#:79 R.Time:8.550(Scan#:1693)

MassPeaks:80

RawMode:Averaged 8.525-8.575(1687-1699)

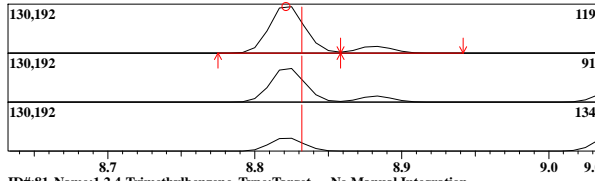
BG Mode:None Group 1 - Event 1 Scan



ID#:80 Name:tert-Butylbenzene Type:Target No Manual Integration

Mass:119.00 R.T:8.821 Area:215712 Conc:22.70693ppb

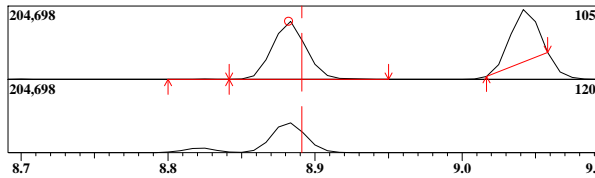
#	m/z	Area	Ratio	Reference
1	91.00	43535	71.44	70.00
2	134.00	16768	27.51	25.00



ID#:81 Name:1,2,4-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.882 Area:260602 Conc:22.06754ppb

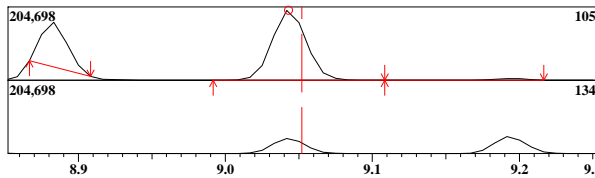
#	m/z	Area	Ratio	Reference
1	120.00	39342	53.31	45.00



ID#:82 Name:sec-Butylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.043 Area:318551 Conc:22.20016ppb

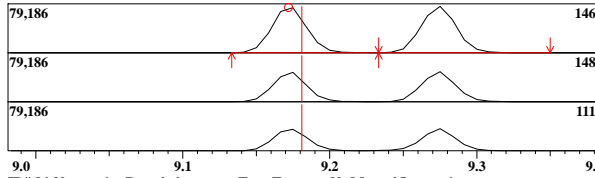
#	m/z	Area	Ratio	Reference
1	134.00	19606	21.80	20.00



ID#:83 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.172 Area:124915 Conc:21.52860ppb

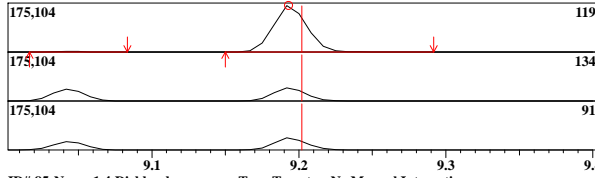
#	m/z	Area	Ratio	Reference
1	148.00	22139	62.86	60.00
2	111.00	16895	47.97	45.00



ID#:84 Name:p-iso-Propyltoluene Type:Target No Manual Integration

Mass:119.00 R.T:9.193 Area:269825 Conc:23.33024ppb

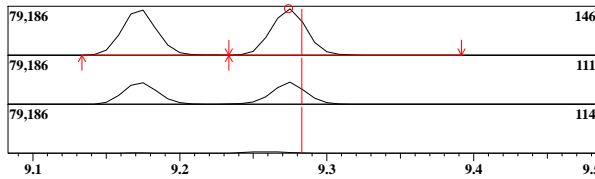
#	m/z	Area	Ratio	Reference
1	134.00	21540	28.36	30.00
2	91.00	19652	25.88	25.00



ID#:85 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

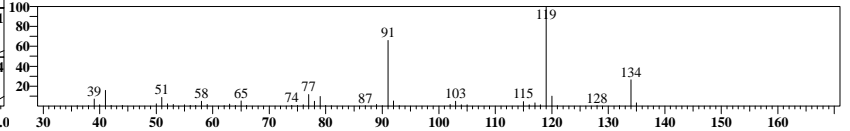
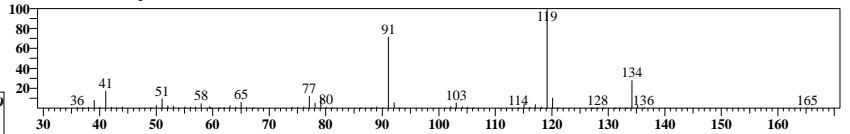
Mass:146.00 R.T:9.274 Area:129242 Conc:21.56830ppb

#	m/z	Area	Ratio	Reference
1	111.00	16589	46.02	44.00
2	114.00	1308	3.63	2.00



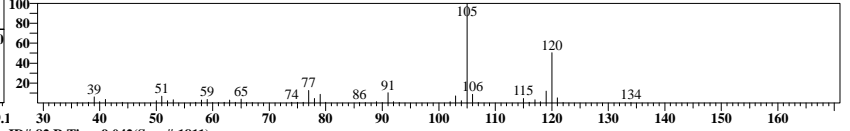
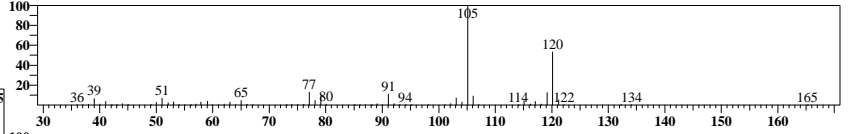
ID#:80 R.Time:8.825(Scan#:1759)

MassPeaks:68 RawMode:Averaged 8.800-8.850(1753-1765) BG Mode:None Group 1 - Event 1 Scan



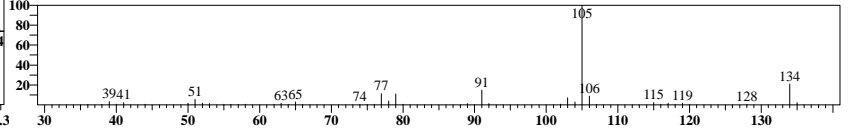
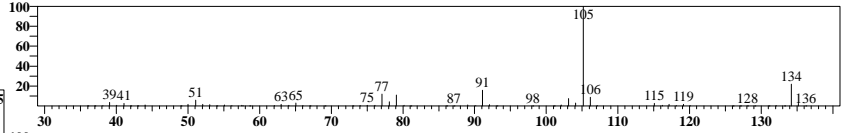
ID#:81 R.Time:8.883(Scan#:1773)

MassPeaks:68 RawMode:Averaged 8.858-8.908(1767-1779) BG Mode:None Group 1 - Event 1 Scan



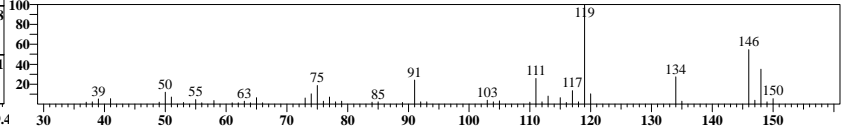
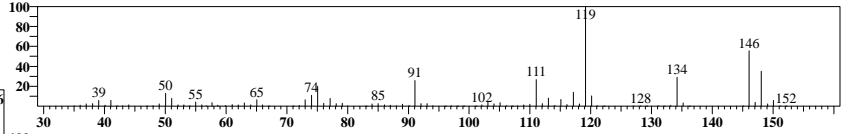
ID#:82 R.Time:9.042(Scan#:1811)

MassPeaks:67 RawMode:Averaged 9.017-9.067(1805-1817) BG Mode:None Group 1 - Event 1 Scan



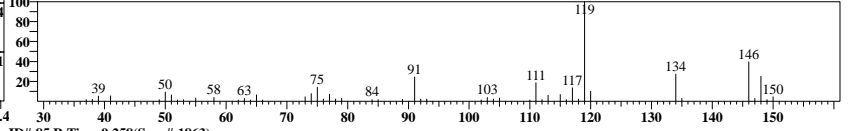
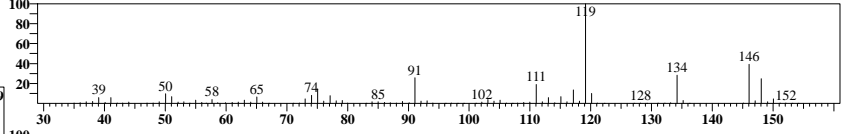
ID#:83 R.Time:9.192(Scan#:1847)

MassPeaks:96 RawMode:Averaged 9.150-9.200(1837-1849) BG Mode:None Group 1 - Event 1 Scan



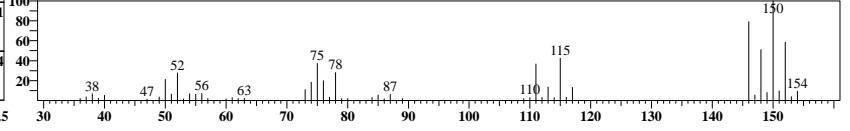
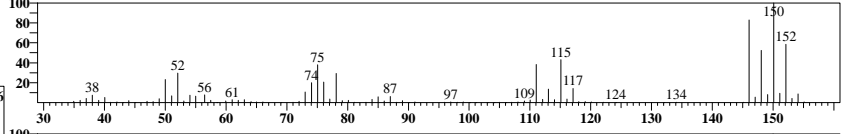
ID#:84 R.Time:9.192(Scan#:1847)

MassPeaks:98 RawMode:Averaged 9.167-9.217(1841-1853) BG Mode:None Group 1 - Event 1 Scan



ID#:85 R.Time:9.258(Scan#:1863)

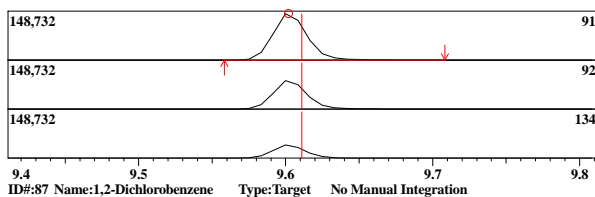
MassPeaks:90 RawMode:Averaged 9.250-9.300(1861-1873) BG Mode:None Group 1 - Event 1 Scan



ID#:86 Name:n-Butylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:9.602 Area:233546 Conc:22.88800ppb
Event:1:Scan SI:99

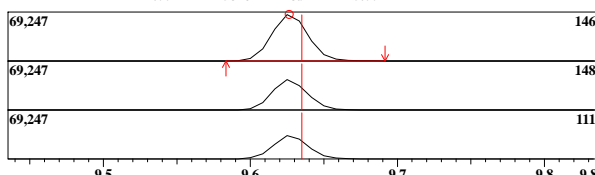
#	m/z	Area	Ratio	Reference
1	92.00	39200	60.75	60.00
2	134.00	17940	27.80	25.00



ID#:87 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.627 Area:115704 Conc:20.82301ppb
Event:1:Scan SI:98

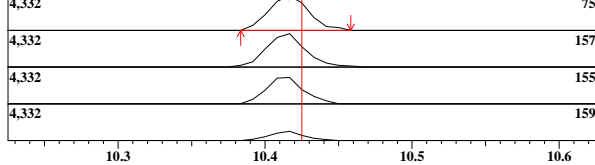
#	m/z	Area	Ratio	Reference
1	148.00	20649	63.62	60.00
2	111.00	15876	48.91	45.00



ID#:88 Name:1,2-Dibromo-3-chloropropane Type:Target No Manual Integration

Mass:75.00 R.T:10.416 Area:7882 Conc:19.76908ppb
Event:1:Scan SI:96

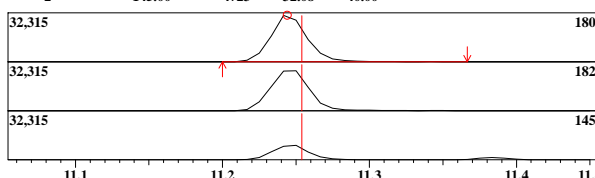
#	m/z	Area	Ratio	Reference
1	157.00	2046	93.08	80.00
2	155.00	1609	73.20	60.00
3	159.00	531	24.16	26.00



ID#:89 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.244 Area:54372 Conc:21.74828ppb
Event:1:Scan SI:98

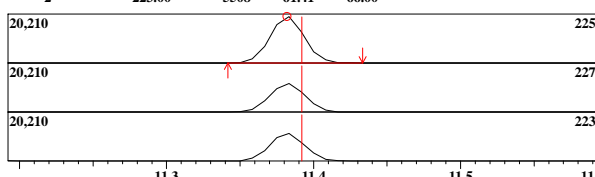
#	m/z	Area	Ratio	Reference
1	182.00	13816	93.85	90.00
2	145.00	4723	32.08	40.00



ID#:90 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:11.382 Area:31690 Conc:22.92249ppb
Event:1:Scan SI:98

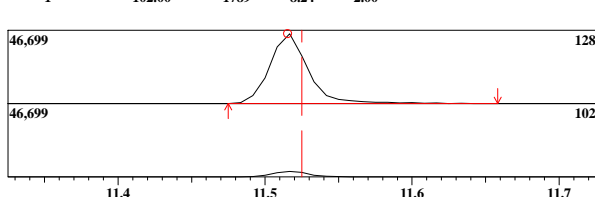
#	m/z	Area	Ratio	Reference
1	227.00	5743	64.03	66.00
2	223.00	5508	61.41	66.00



ID#:91 Name:Naphthalene Type:Target No Manual Integration

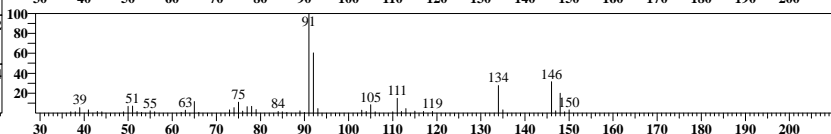
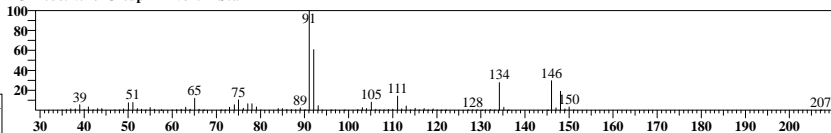
Mass:128.00 R.T:11.515 Area:81670 Conc:19.84119ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	102.00	1789	8.24	2.00



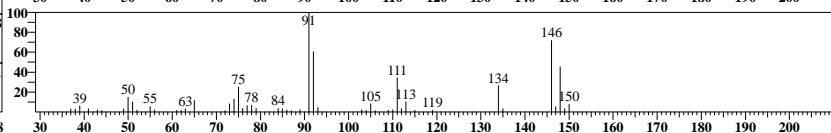
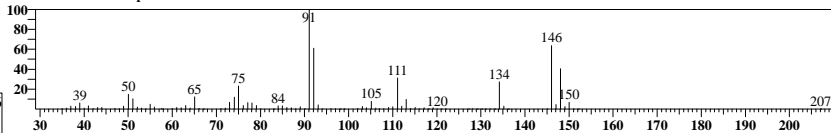
ID#:86 R.Time:9.600(Scan#:1945)

MassPeaks:93
RawMode:Averaged 9.575-9.625(1939-1951)
BG Mode:None Group 1 - Event 1 Scan



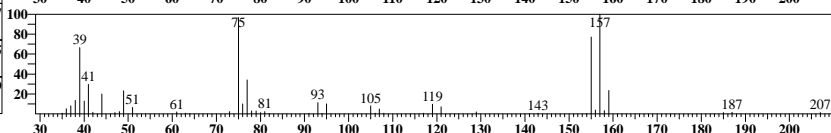
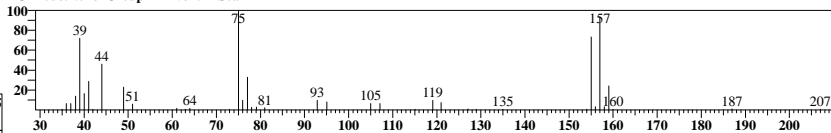
ID#:87 R.Time:9.608(Scan#:1947)

MassPeaks:96
RawMode:Averaged 9.600-9.650(1945-1957)
BG Mode:None Group 1 - Event 1 Scan



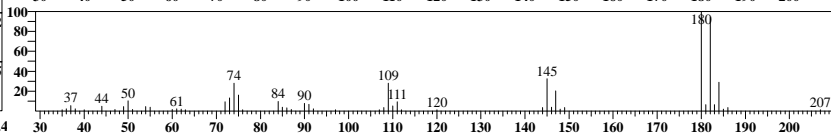
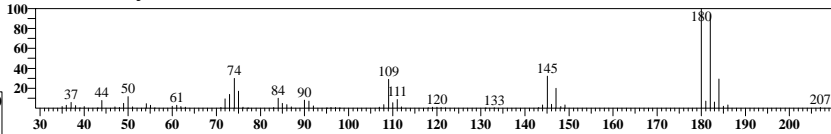
ID#:88 R.Time:10.417(Scan#:2141)

MassPeaks:40
RawMode:Averaged 10.392-10.442(2135-2147)
BG Mode:None Group 1 - Event 1 Scan



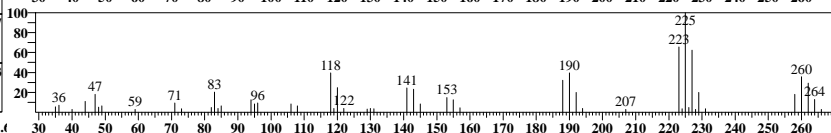
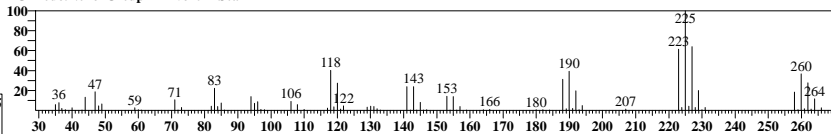
ID#:89 R.Time:11.250(Scan#:2341)

MassPeaks:67
RawMode:Averaged 11.217-11.267(2333-2345)
BG Mode:None Group 1 - Event 1 Scan



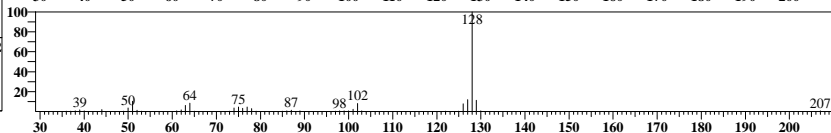
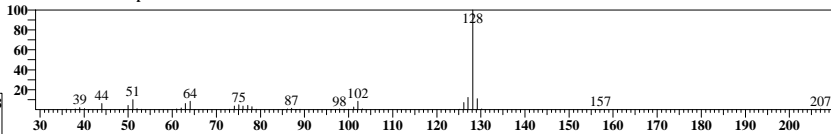
ID#:90 R.Time:11.383(Scan#:2373)

MassPeaks:83
RawMode:Averaged 11.358-11.408(2367-2379)
BG Mode:None Group 1 - Event 1 Scan



ID#:91 R.Time:11.517(Scan#:2405)

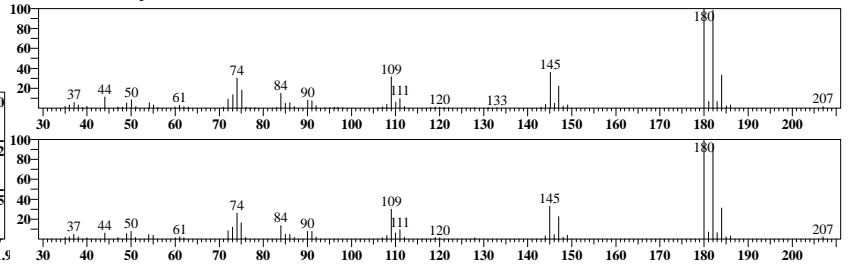
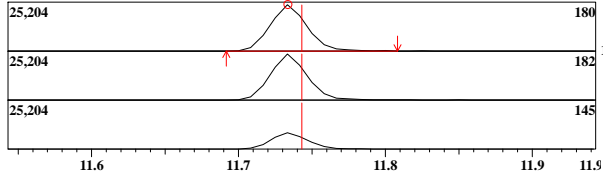
MassPeaks:43
RawMode:Averaged 11.492-11.542(2399-2411)
BG Mode:None Group 1 - Event 1 Scan



Mass:180.00 R.T:11.734 Area:42274 Conc:19.31271ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	182.00	11523	98.38	90.00
2	145.00	4202	35.88	40.00



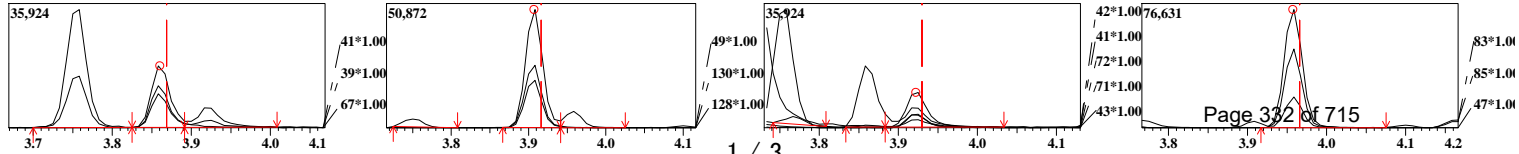
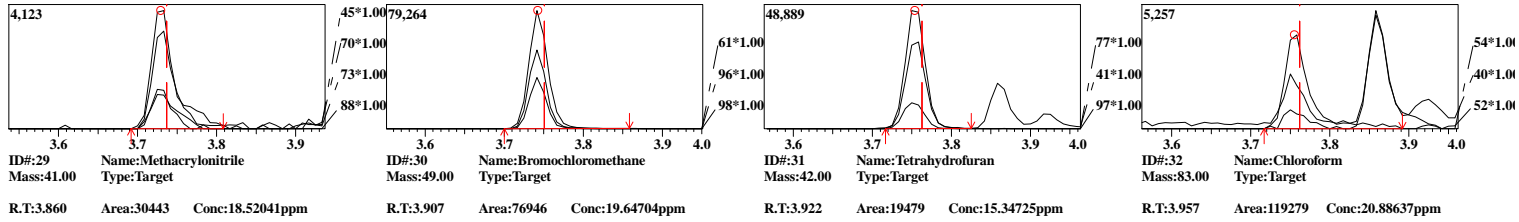
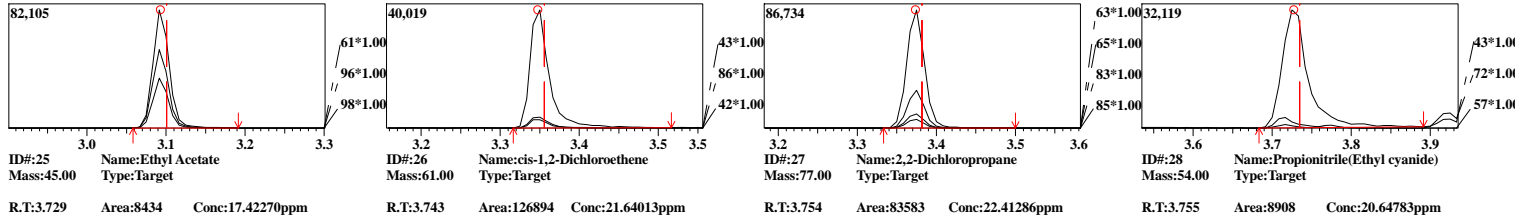
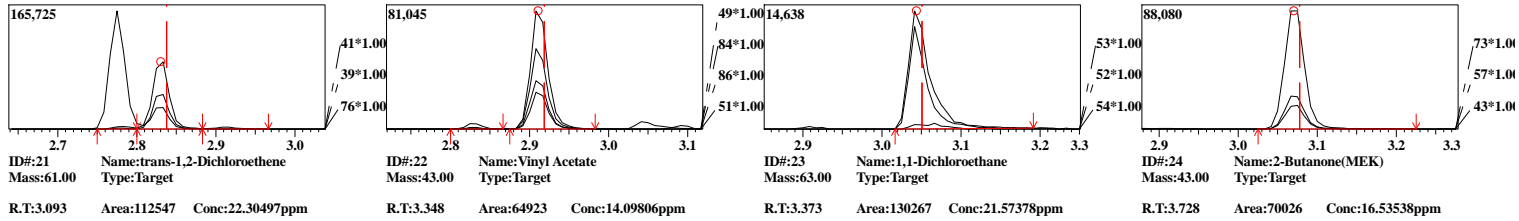
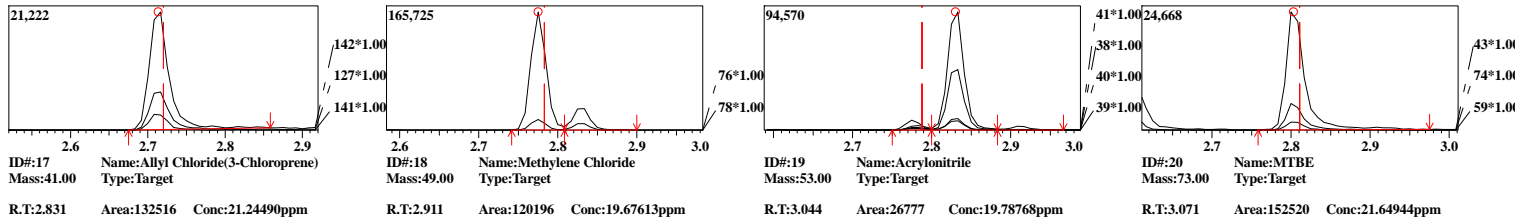
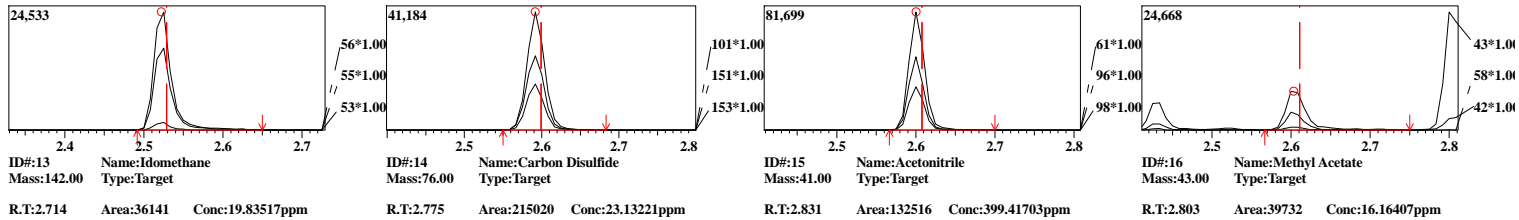
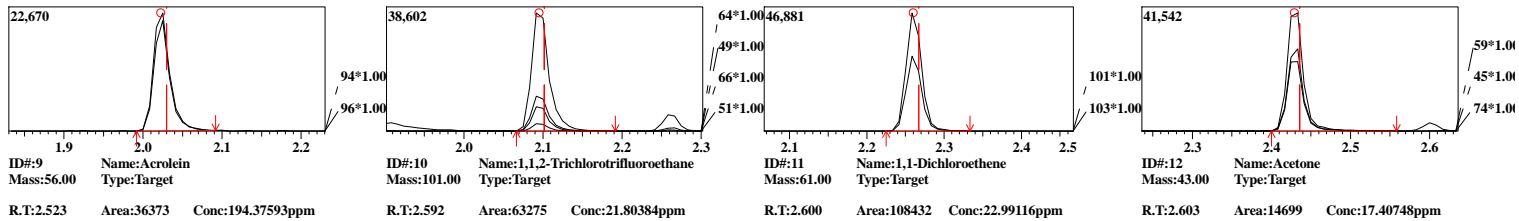
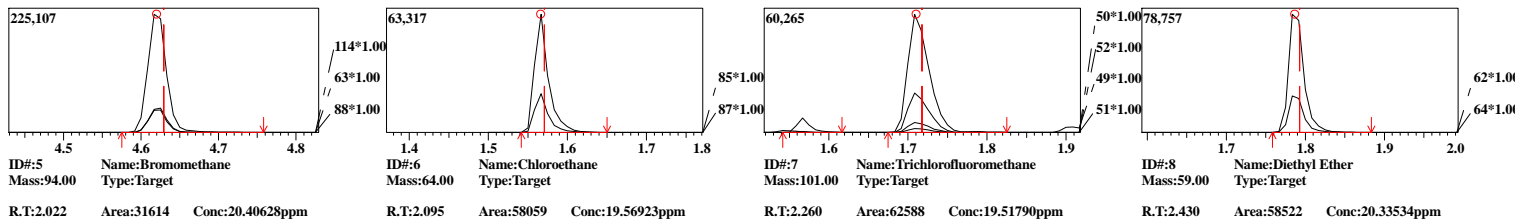
Before Manual Integrations

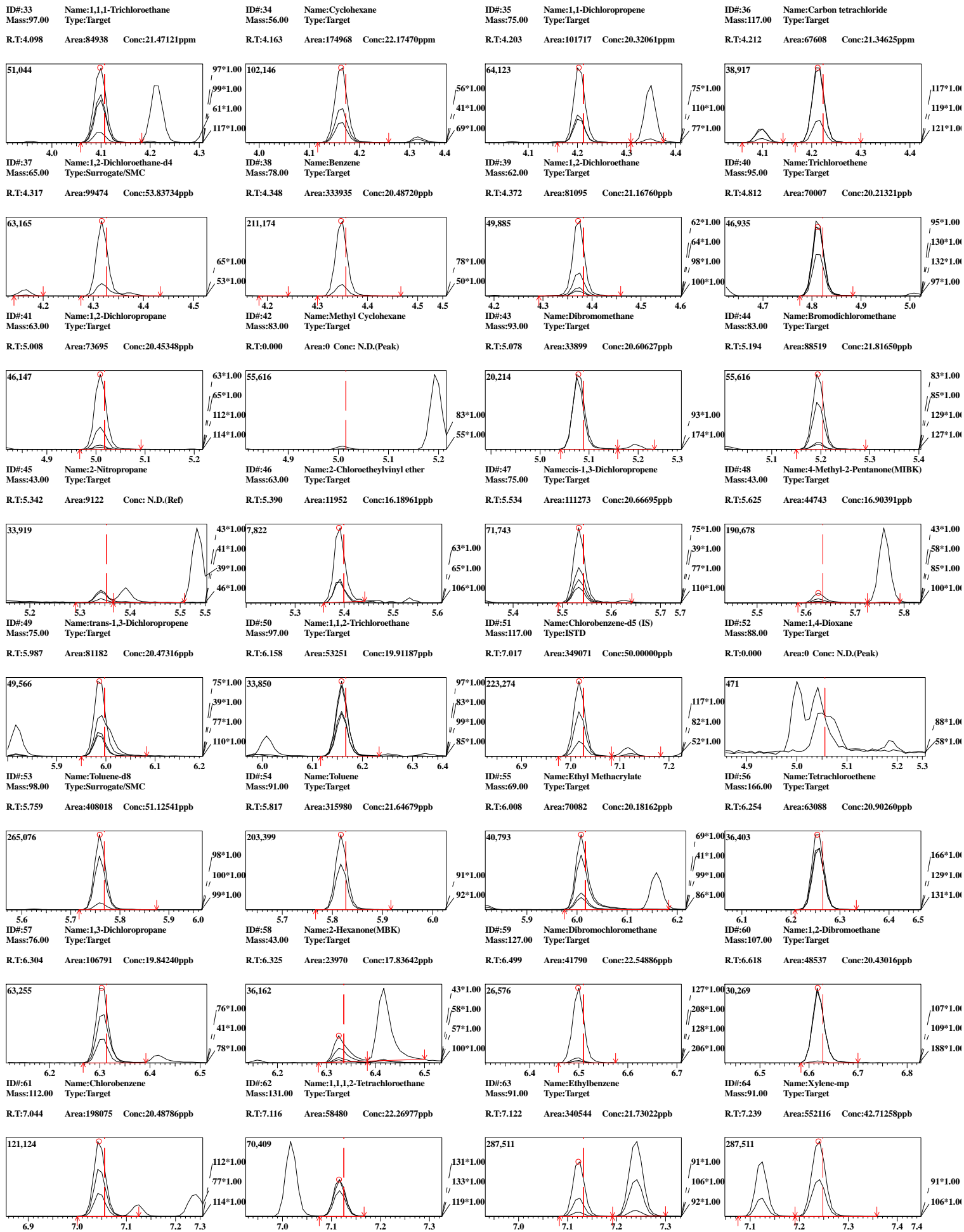
Analyst: ABO
Method: 8260C
Sample ID: ICV3
Date: 1/11/2022
Time: 10:18:03
Dilution: 1

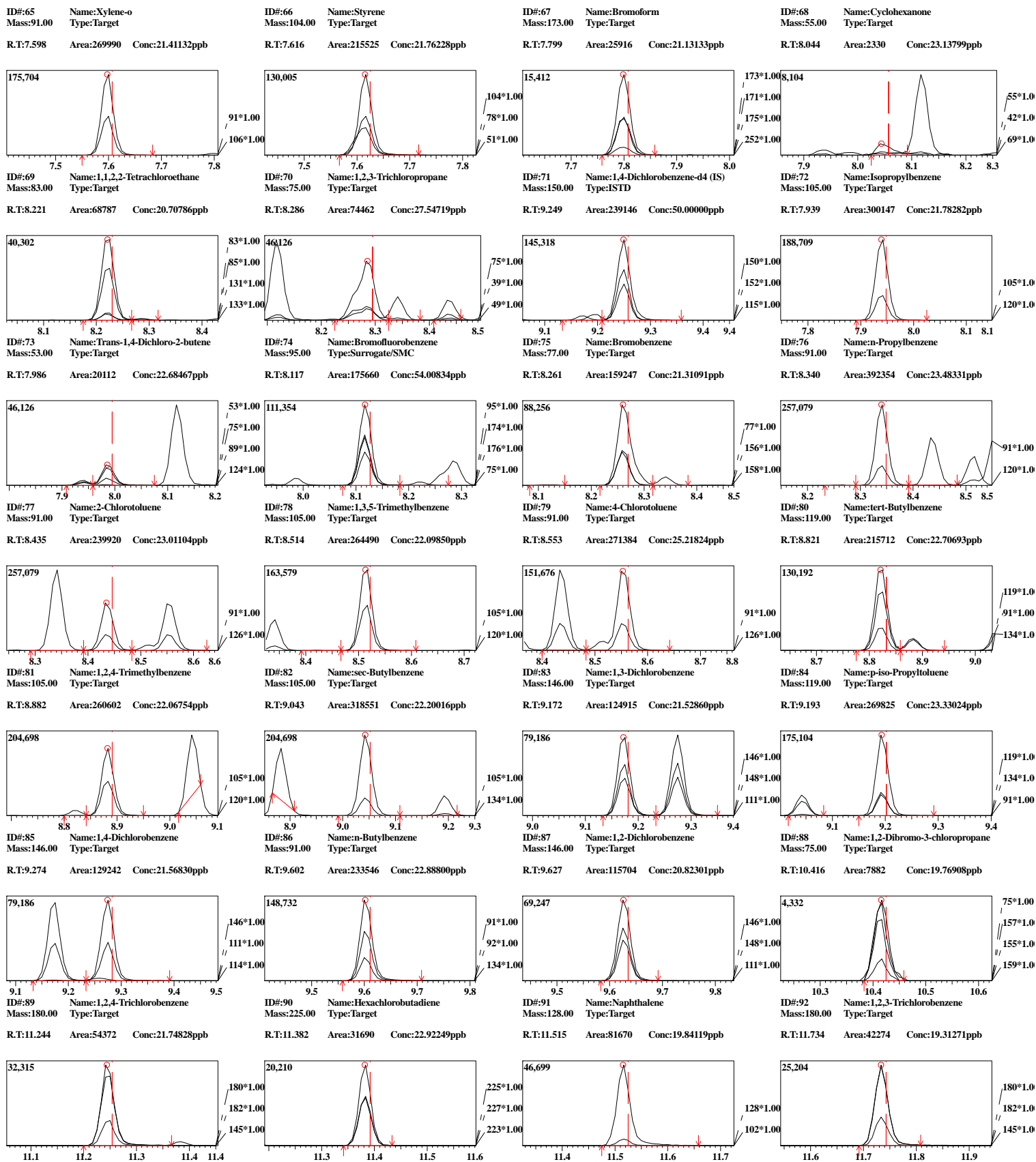
Instr: J1A Trace Number:
Batch:

Data File: C:\GCMSsolution\Data\220110A036.qgd
Method File: C:\GCMSsolution\Data\8260-W-220110A.qgm
Sample Name: ICV3

ID#:1 Mass:114.00 R.T:4.620 Area:362139 Conc:50.00000ppm	Name:1,4-Difluorobenzene (IS) Type:ISTD	ID#:2 Mass:85.00 R.T:1.566 Area:74456 Conc:20.41487ppm	Name:Dichlorodifluoromethane Type:Target	ID#:3 Mass:50.00 R.T:1.710 Area:107839 Conc:18.01524ppm	Name:Chloromethane Type:Target	ID#:4 Mass:62.00 R.T:1.787 Area:103610 Conc:20.30162ppm	Name:Vinyl Chloride Type:Target
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Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report FORM 7 SW-846 8260C

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID: CCV

Lab File ID: 220121A003.qgd

Calibration Date/Time: 1/21/2022 09:17

Instrument ID: J1A

Parameter	Spike Added	CCV Result	CCV %D	Q	QC Limits % D
Benzene	20.0	20.6	3.2		20
1,2-Dichloroethane-d4	50.0	46.0	8.0		20
Bromofluorobenzene	50.0	50.5	0.90		20
Toluene-d8	50.0	48.1	3.9		20

Analyst: AS Instrument: J1A Trace Number: VOC-B012-F29X

Method: 8260B/8260C Batch:3203/3205

Sample ID: CCV/4178676LCS/4178687LCS

Data File: C:\GCMSsolution\Data\220121A003.qgd

Date: 1/21/2022

Method File: C:\GCMSsolution\Data\8260-W-220110A.qgm

Time: 09:17:27

Sample Name: CCV/LCS

Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.63	348312	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.03	342533	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.26	239753	50.00

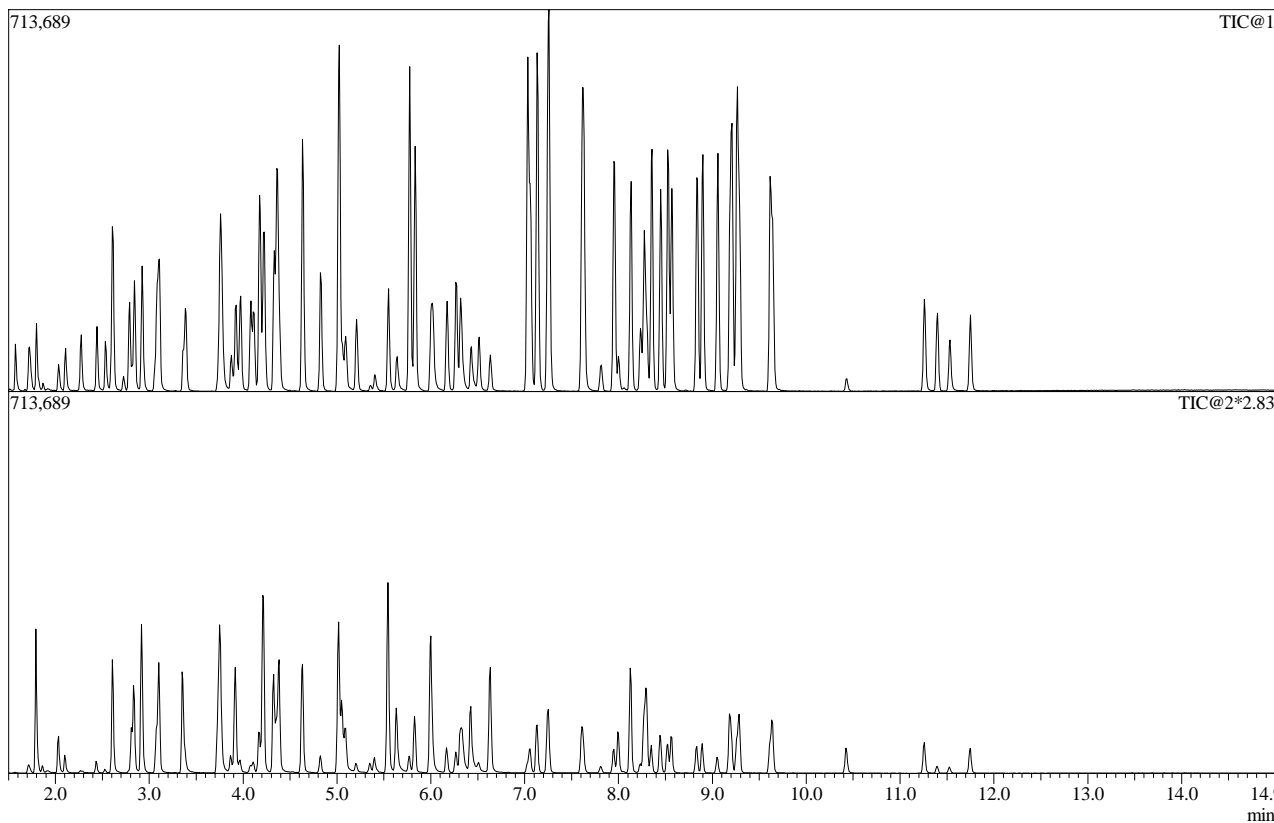
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.33	81766	46.01
53	Toluene-d8	98.00	5.77	376371	48.06
74	Bromofluorobenzene	95.00	8.13	164535	50.46

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	1.58	61154	17.43
3	Chloromethane	50.00	1.72	102875	17.87
4	Vinyl Chloride	62.00	1.80	99374	20.24
5	Bromomethane	94.00	2.04	27784	18.65
6	Chloroethane	64.00	2.11	60405	21.17
7	Trichlorofluoromethane	101.00	2.27	63134	20.47
8	Diethyl Ether	59.00	2.44	57754	20.87
9	Acrolein	56.00	2.54	69525	386.29
10	1,1,2-Trichlorotrifluoroethane	101.00	2.61	55637	19.93
11	1,1-Dichloroethene	61.00	2.61	93794	20.68
12	Acetone	43.00	2.62	14511	17.88
13	Idomethane	142.00	2.73	27423	15.94
14	Carbon Disulfide	76.00	2.79	172346	19.28
15	Acetonitrile	41.00	2.79	4983	14.80
16	Methyl Acetate	43.00	2.82	41049	17.36
17	Allyl Chloride(3-Chloroprene)	41.00	2.84	118903	19.82
18	Methylene Chloride	49.00	2.93	112838	19.19
19	Acrylonitrile	53.00	3.06	25984	19.96
20	MTBE	73.00	3.08	140678	20.76
21	trans-1,2-Dichloroethene	61.00	3.11	101296	20.87
22	Vinyl Acetate	43.00	3.36	99105	23.66
23	1,1-Dichloroethane	63.00	3.39	119615	20.60
24	2-Butanone(MEK)	43.00	3.74	72580	17.82
25	Ethyl Acetate	45.00	3.74	7865	16.92
26	cis-1,2-Dichloroethene	61.00	3.76	119658	21.22
27	2,2-Dichloropropane	77.00	3.77	77338	21.56
28	Propionitrile(Ethyl cyanide)	54.00	3.77	9333	22.45
29	Methacrylonitrile	41.00	3.87	30043	19.00
30	Bromochloromethane	49.00	3.92	74901	19.88
31	Tetrahydrofuran	42.00	3.94	19490	16.23
32	Chloroform	83.00	3.97	115284	20.99
33	1,1,1-Trichloroethane	97.00	4.11	77423	20.35
34	Cyclohexane	56.00	4.18	176891	23.31
35	1,1-Dichloropropene	75.00	4.22	96123	19.97
36	Carbon tetrachloride	117.00	4.23	61349	20.14
38	Benzene	78.00	4.36	323469	20.63
39	1,2-Dichloroethane	62.00	4.39	71108	19.30
40	Trichloroethene	95.00	4.83	69696	20.92
41	1,2-Dichloropropane	63.00	5.02	71824	20.73
42	Methyl Cyclohexane	83.00	5.02	145021	23.10
43	Dibromomethane	93.00	5.09	32944	20.82
44	Bromodichloromethane	83.00	5.21	82458	21.13
45	2-Nitropropane	43.00	5.36	6999	17.25
46	2-Chloroethylvinyl ether	63.00	5.40	12501	17.38
47	cis-1,3-Dichloropropene	75.00	5.55	109086	21.07
48	4-Methyl-2-Pentanone(MIBK)	43.00	5.64	46944	18.44
49	trans-1,3-Dichloropropene	75.00	6.00	77739	20.38
50	1,1,2-Trichloroethane	97.00	6.17	52087	20.25
52	1,4-Dioxane	88.00	5.07	836	20.21
54	Toluene	91.00	5.83	312549	21.82
55	Ethyl Methacrylate	69.00	6.02	68951	20.23

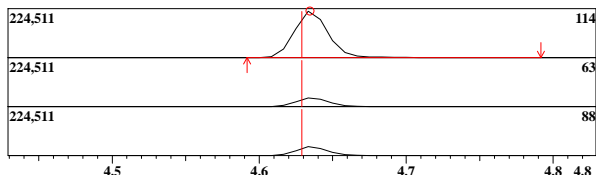
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	6.27	64477	21.77
57	1,3-Dichloropropane	76.00	6.32	106306	20.13
58	2-Hexanone(MBK)	43.00	6.34	24435	18.44
59	Dibromochloromethane	127.00	6.51	40473	22.26
60	1,2-Dibromoethane	107.00	6.63	48504	20.81
61	Chlorobenzene	112.00	7.06	195337	20.59
62	1,1,1,2-Tetrachloroethane	131.00	7.13	58004	22.51
63	Ethylbenzene	91.00	7.14	341384	22.20
64	Xylene-mp	91.00	7.25	543379	42.84
65	Xylene-o	91.00	7.61	270939	21.90
66	Styrene	104.00	7.63	212621	21.88
67	Bromoform	173.00	7.81	25703	21.36
68	Cyclohexanone	55.00	8.06	3863	36.39
69	1,1,2,2-Tetrachloroethane	83.00	8.24	72176	22.14
70	1,2,3-Trichloropropane	75.00	8.30	50585	18.85
72	Isopropylbenzene	105.00	7.95	306467	22.19
73	Trans-1,4-Dichloro-2-butene	53.00	8.00	18166	20.48
75	Bromobenzene	77.00	8.28	157203	20.98
76	n-Propylbenzene	91.00	8.36	387964	23.16
77	2-Chlorotoluene	91.00	8.45	235232	22.50
78	1,3,5-Trimethylbenzene	105.00	8.53	263584	21.97
79	4-Chlorotoluene	91.00	8.57	245145	22.72
80	tert-Butylbenzene	119.00	8.84	225336	23.66
81	1,2,4-Trimethylbenzene	105.00	8.90	261916	22.12
82	sec-Butylbenzene	105.00	9.06	323990	22.52
83	1,3-Dichlorobenzene	146.00	9.19	128989	22.17
84	p-iso-Propyltoluene	119.00	9.21	277370	23.92
85	1,4-Dichlorobenzene	146.00	9.29	130414	21.71
86	n-Butylbenzene	91.00	9.62	232463	22.73
87	1,2-Dichlorobenzene	146.00	9.64	120701	21.67
88	1,2-Dibromo-3-chloropropane	75.00	10.43	7797	19.51
89	1,2,4-Trichlorobenzene	180.00	11.26	61147	24.24
90	Hexachlorobutadiene	225.00	11.40	32064	23.13
91	Naphthalene	128.00	11.53	91022	21.52
92	1,2,3-Trichlorobenzene	180.00	11.75	50743	22.70



ID#1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

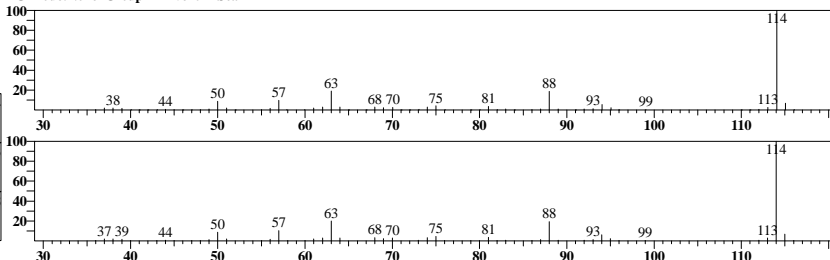
Mass:114.00 R.T:4.635 Area:348312 Conc:50.00000ppm

#	m/z	Area	Ratio	Reference
1	63.00	18262	19.02	23.00
2	88.00	18023	18.77	20.00



ID#:1 R.Time:4.633(Scan#:753)

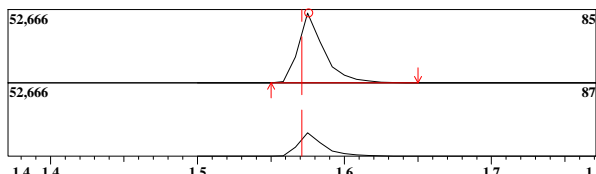
MassPeaks:61
RawMode:Averaged 4.608-4.658(747-759)
BG Mode:None Group 1 - Event 1 Scan



ID#2 Name:Dichlorodifluoromethane Type:Target No Manual Integration

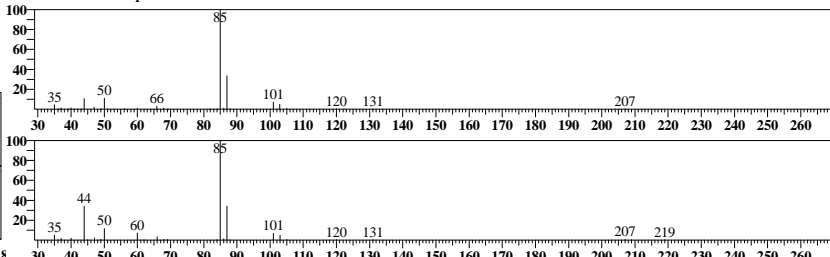
Mass:85.00 R.T:1.576 Area:61154 Conc:17.43326ppm

#	m/z	Area	Ratio	Reference
1	87.00	5590	33.47	33.00



ID#:2 R.Time:1.575(Scan#:19)

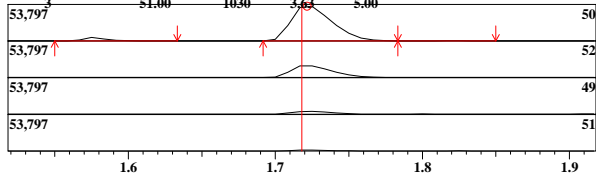
MassPeaks:31
RawMode:Averaged 1.550-1.600(13-25)
BG Mode:None Group 1 - Event 1 Scan



ID#3 Name:Chloromethane Type:Target No Manual Integration

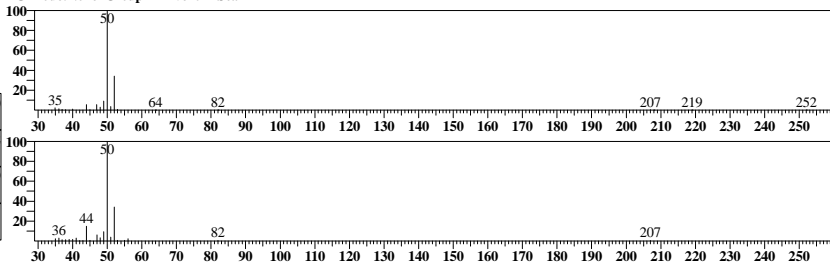
Mass:50.00 R.T:1.722 Area:102875 Conc:17.86821ppm

#	m/z	Area	Ratio	Reference
1	52.00	9717	34.23	30.00
2	49.00	2519	8.88	10.00
3	51.00	1030	3.63	5.00



ID#:3 R.Time:1.725(Scan#:55)

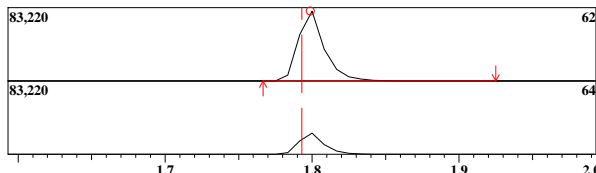
MassPeaks:20
RawMode:Averaged 1.700-1.750(49-61)
BG Mode:None Group 1 - Event 1 Scan



ID#4 Name:Vinyl Chloride Type:Target No Manual Integration

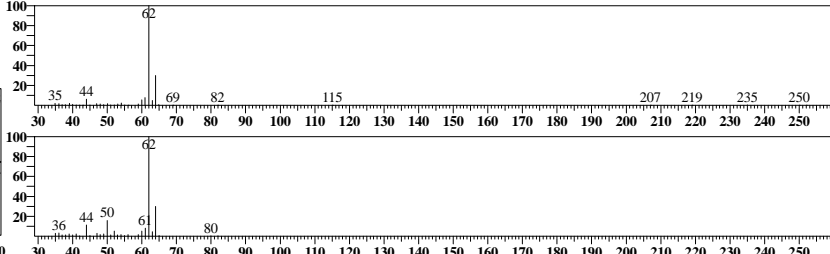
Mass:62.00 R.T:1.799 Area:99374 Conc:20.24457ppm

#	m/z	Area	Ratio	Reference
1	64.00	8293	29.97	31.00



ID#:4 R.Time:1.800(Scan#:73)

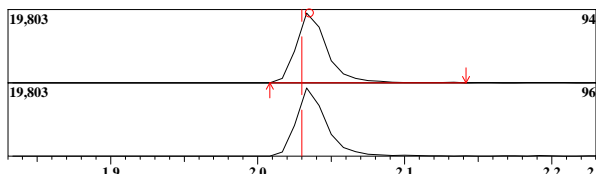
MassPeaks:36
RawMode:Averaged 1.775-1.825(67-79)
BG Mode:None Group 1 - Event 1 Scan



ID#5 Name:Bromomethane Type:Target No Manual Integration

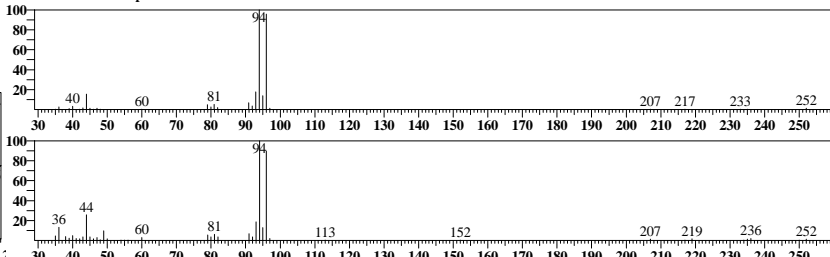
Mass:94.00 R.T:2.035 Area:27784 Conc:18.64601ppm

#	m/z	Area	Ratio	Reference
1	96.00	7149	95.78	95.00



ID#:5 R.Time:2.033(Scan#:129)

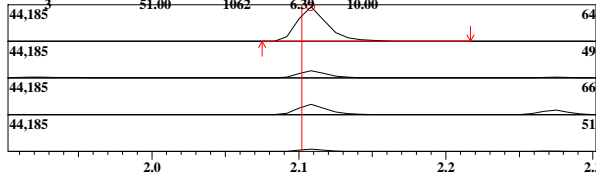
MassPeaks:28
RawMode:Averaged 2.008-2.058(123-135)
BG Mode:None Group 1 - Event 1 Scan



ID#6 Name:Chloroethane Type:Target No Manual Integration

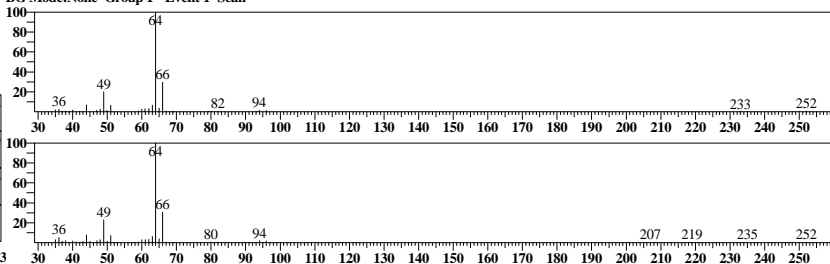
Mass:64.00 R.T:2.108 Area:60405 Conc:21.16820ppm

#	m/z	Area	Ratio	Reference
1	49.00	3319	19.97	25.00
2	66.00	4930	29.66	31.00
3	51.00	1062	6.39	10.00



ID#:6 R.Time:2.108(Scan#:147)

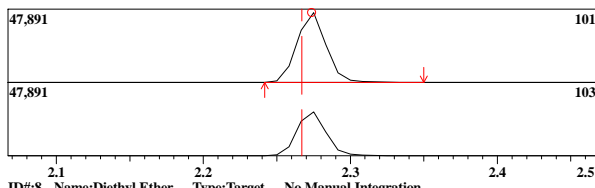
MassPeaks:35
RawMode:Averaged 2.083-2.133(141-153)
BG Mode:None Group 1 - Event 1 Scan



ID#:7 Name:Trichlorofluoromethane Type:Target No Manual Integration

Mass:101.00 R.T:2.274 Area:63134 Conc:20.46973ppm

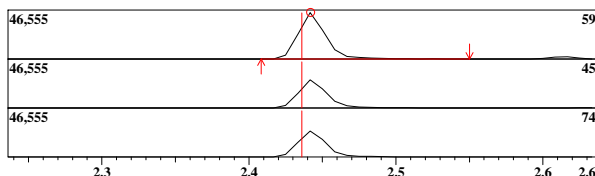
#	m/z	Area	Ratio	Reference
1	103.00	11238	63.18	57.00



ID#8 Name:Diethyl Ether Type:Target No Manual Integration

Mass:59.00 R.T:2.442 Area:57754 Conc:20.86513ppm

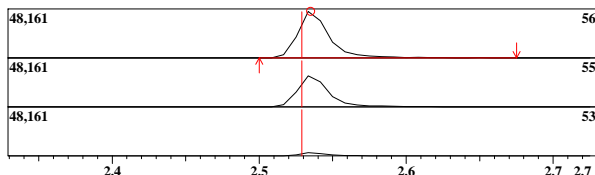
#	m/z	Area	Ratio	Reference
1	45.00	10092	63.36	80.00
2	74.00	9364	58.79	68.00



ID#9 Name:Acrolein Type:Target No Manual Integration

Mass:56.00 R.T:2.535 Area:69525 Conc:386.28801ppm

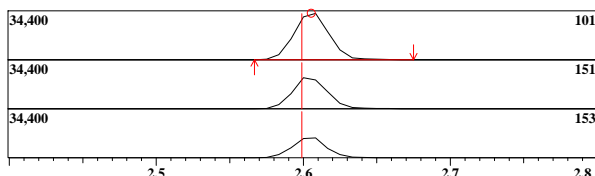
#	m/z	Area	Ratio	Reference
1	55.00	12437	67.93	70.00
2	53.00	1216	6.64	5.00



ID#10 Name:1,1,2-Trichlorotrifluoroethane Type:Target No Manual Integration

Mass:101.00 R.T:2.606 Area:55637 Conc:19.93295ppm

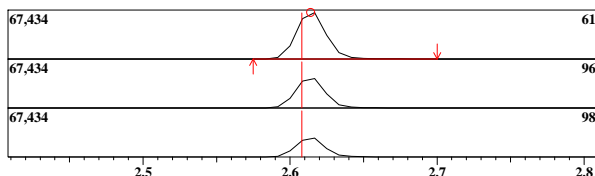
#	m/z	Area	Ratio	Reference
1	151.00	10429	66.57	60.00
2	153.00	6658	42.50	40.00



ID#11 Name:1,1-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:2.614 Area:93794 Conc:20.67690ppm

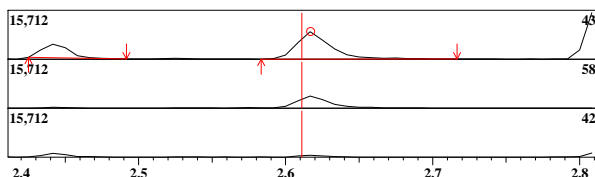
#	m/z	Area	Ratio	Reference
1	96.00	16959	64.27	60.00
2	98.00	10669	40.43	36.00



ID#12 Name:Acetone Type:Target No Manual Integration

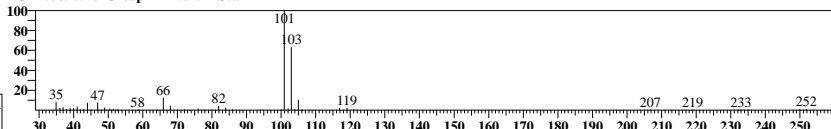
Mass:43.00 R.T:2.617 Area:14511 Conc:17.88470ppm

#	m/z	Area	Ratio	Reference
1	58.00	1705	44.40	30.00
2	42.00	286	7.45	10.00



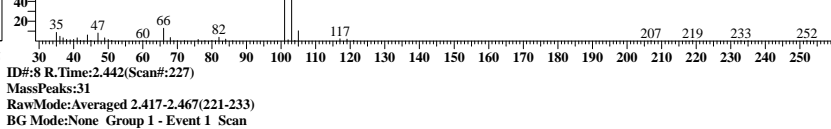
ID#7 R.Time:2.275(Scan#:187)

MassPeaks:47
RawMode:Averaged 2.250-2.300(181-193)
BG Mode:None Group 1 - Event 1 Scan



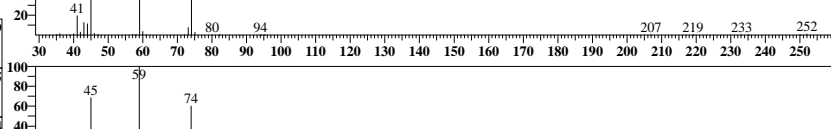
ID#8 R.Time:2.442(Scan#:227)

MassPeaks:31
RawMode:Averaged 2.417-2.467(221-233)
BG Mode:None Group 1 - Event 1 Scan



ID#9 R.Time:2.533(Scan#:249)

MassPeaks:29
RawMode:Averaged 2.508-2.558(243-255)
BG Mode:None Group 1 - Event 1 Scan



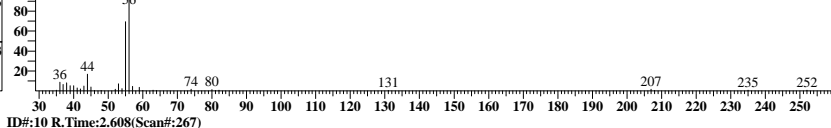
ID#10 R.Time:2.608(Scan#:267)

MassPeaks:72
RawMode:Averaged 2.583-2.633(261-273)
BG Mode:None Group 1 - Event 1 Scan



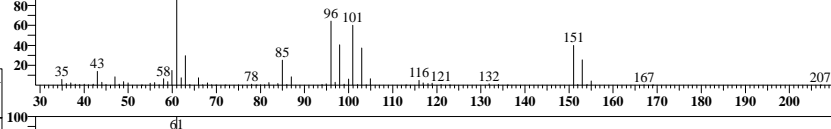
ID#11 R.Time:2.608(Scan#:267)

MassPeaks:72
RawMode:Averaged 2.592-2.642(263-275)
BG Mode:None Group 1 - Event 1 Scan



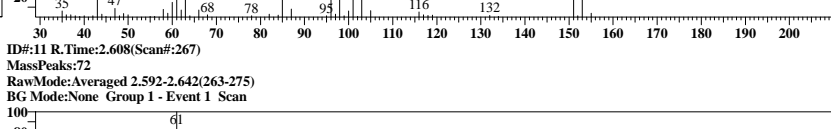
ID#12 R.Time:2.608(Scan#:267)

MassPeaks:72
RawMode:Averaged 2.592-2.642(263-275)
BG Mode:None Group 1 - Event 1 Scan



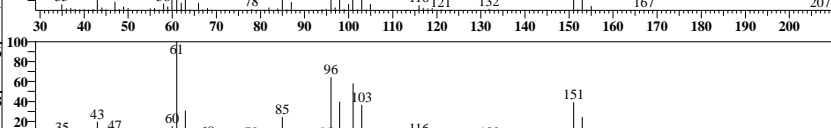
ID#11 R.Time:2.608(Scan#:267)

MassPeaks:72
RawMode:Averaged 2.592-2.642(263-275)
BG Mode:None Group 1 - Event 1 Scan



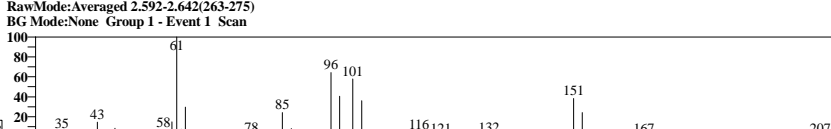
ID#12 R.Time:2.608(Scan#:267)

MassPeaks:72
RawMode:Averaged 2.592-2.642(263-275)
BG Mode:None Group 1 - Event 1 Scan



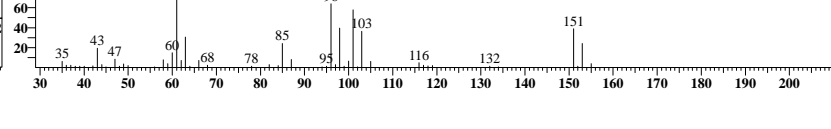
ID#12 R.Time:2.608(Scan#:267)

MassPeaks:72
RawMode:Averaged 2.592-2.642(263-275)
BG Mode:None Group 1 - Event 1 Scan



ID#12 R.Time:2.608(Scan#:267)

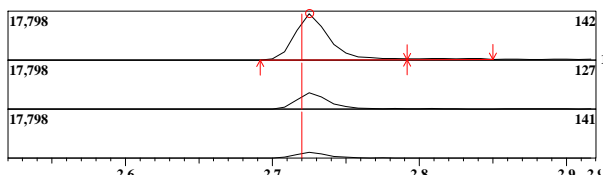
MassPeaks:72
RawMode:Averaged 2.592-2.642(263-275)
BG Mode:None Group 1 - Event 1 Scan



ID#:13 Name:Idomethane Type:Target No Manual Integration

Mass:142.00 R.T:2.725 Area:27423 Conc:15.94094ppm

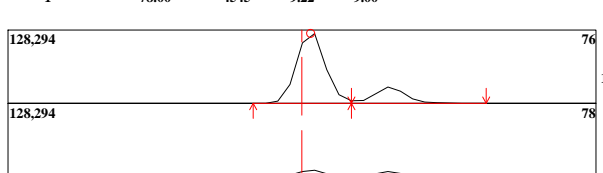
#	m/z	Area	Ratio	Reference
1	127.00	2497	33.63	35.00
2	141.00	924	12.44	13.00



ID#:14 Name:Carbon Disulfide Type:Target No Manual Integration

Mass:76.00 R.T:2.789 Area:172346 Conc:19.27730ppm

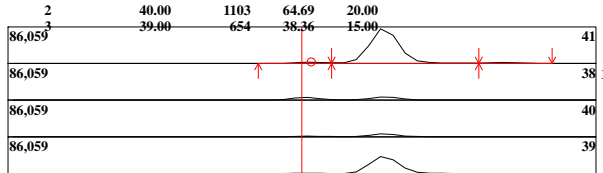
#	m/z	Area	Ratio	Reference
1	78.00	4545	9.22	9.00



ID#:15 Name:Acetonitrile Type:Target No Manual Integration

Mass:41.00 R.T:2.794 Area:4983 Conc:14.79634ppm

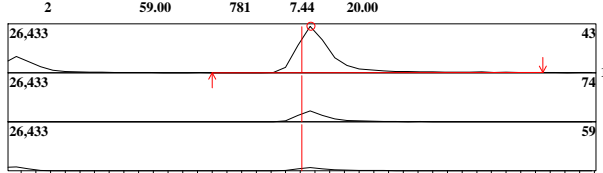
#	m/z	Area	Ratio	Reference
1	38.00	3003	* 176.13	40.00
2	40.00	1103	64.69	20.00
3	39.00	654	38.36	15.00



ID#:16 Name:Methyl Acetate Type:Target No Manual Integration

Mass:43.00 R.T:2.817 Area:41049 Conc:17.36280ppm

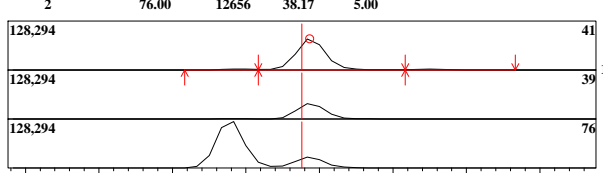
#	m/z	Area	Ratio	Reference
1	74.00	2290	21.81	40.00
2	59.00	781	7.44	20.00



ID#:17 Name:Allyl Chloride(3-Chloroprene) Type:Target No Manual Integration

Mass:41.00 R.T:2.844 Area:118903 Conc:19.81920ppm

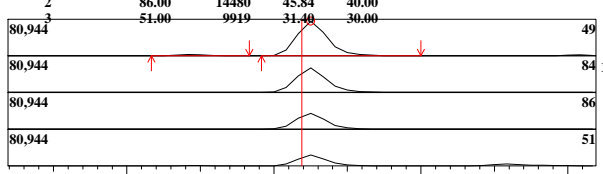
#	m/z	Area	Ratio	Reference
1	39.00	16480	49.71	40.00
2	76.00	12656	38.17	5.00



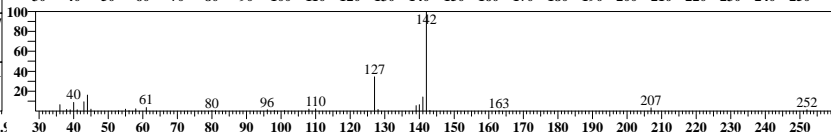
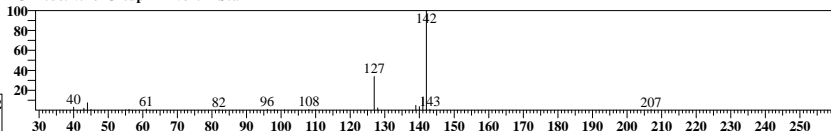
ID#:18 Name:Methylene Chloride Type:Target No Manual Integration

Mass:49.00 R.T:2.925 Area:112838 Conc:19.19046ppm

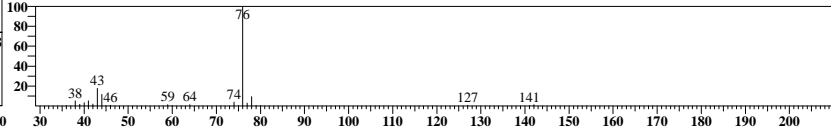
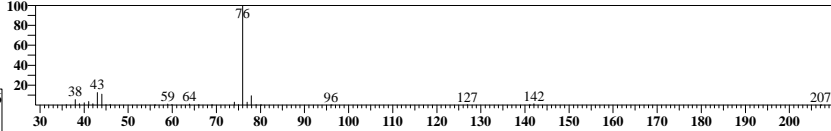
#	m/z	Area	Ratio	Reference
1	84.00	22468	71.13	64.00
2	86.00	14480	45.84	40.00
3	51.00	9919	31.40	30.00



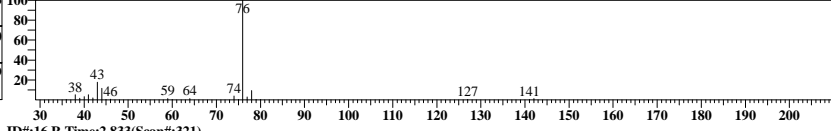
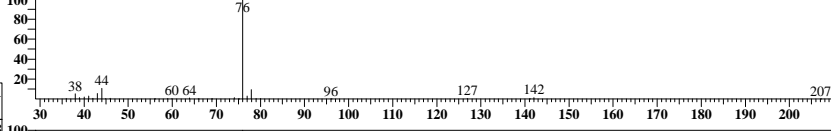
ID#:13 R.Time:2.725(Scan#:295)
MassPeaks:21
RawMode:Averaged 2.700-2.750(289-301)
BG Mode:None Group 1 - Event 1 Scan



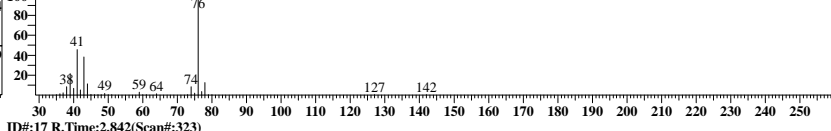
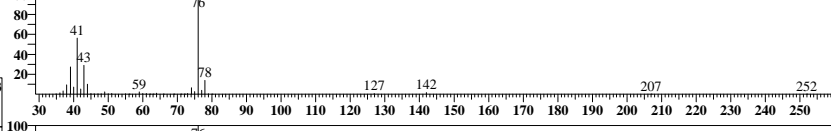
ID#:14 R.Time:2.792(Scan#:311)
MassPeaks:28
RawMode:Averaged 2.767-2.817(305-317)
BG Mode:None Group 1 - Event 1 Scan



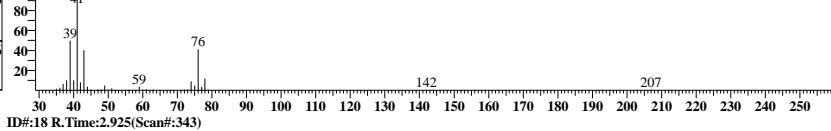
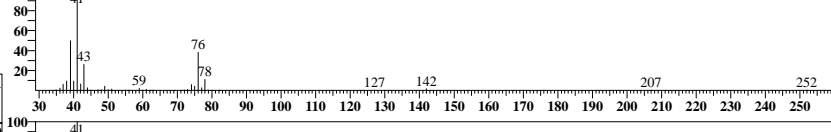
ID#:15 R.Time:2.792(Scan#:311)
MassPeaks:28
RawMode:Averaged 2.767-2.808(305-315)
BG Mode:None Group 1 - Event 1 Scan



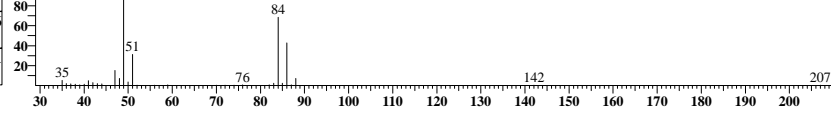
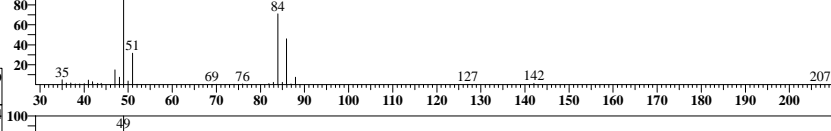
ID#:16 R.Time:2.833(Scan#:321)
MassPeaks:41
RawMode:Averaged 2.792-2.842(311-323)
BG Mode:None Group 1 - Event 1 Scan



ID#:17 R.Time:2.842(Scan#:323)
MassPeaks:39
RawMode:Averaged 2.817-2.867(317-329)
BG Mode:None Group 1 - Event 1 Scan



ID#:18 R.Time:2.925(Scan#:343)
MassPeaks:31
RawMode:Averaged 2.900-2.950(337-349)
BG Mode:None Group 1 - Event 1 Scan

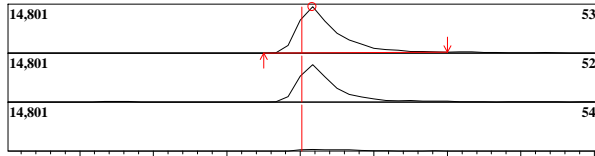


ID#:19 Name:Acrylonitrile Type:Target No Manual Integration

Mass:53.00 R.T:3.058 Area:25984 Conc:19.96392ppm

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	52.00	5041	76.16	40.00
2	54.00	325	4.91	10.00

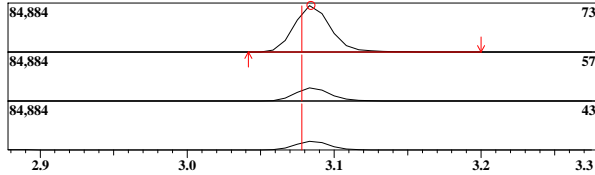


ID#:20 Name:MTBE Type:Target No Manual Integration

Mass:73.00 R.T:3.084 Area:140678 Conc:20.76122ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	57.00	10996	28.41	26.00
2	43.00	7367	19.04	20.00

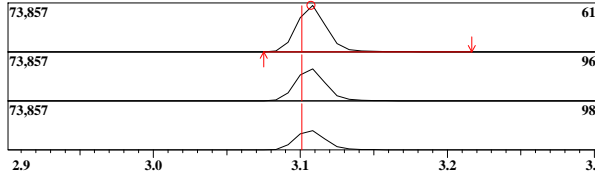


ID#:21 Name:trans-1,2-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:3.107 Area:101296 Conc:20.87214ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	96.00	19995	71.06	64.00
2	98.00	12229	43.46	40.00

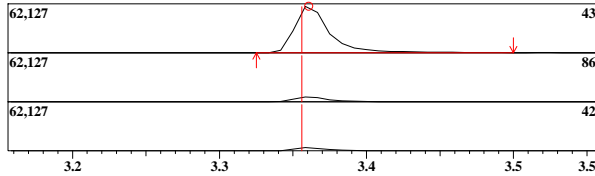


ID#:22 Name:Vinyl Acetate Type:Target No Manual Integration

Mass:43.00 R.T:3.361 Area:99105 Conc:23.65821ppm

Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	86.00	2828	11.11	10.00
2	42.00	1779	6.99	0.00

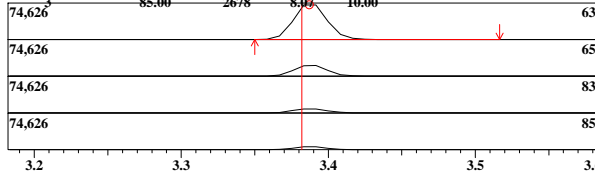


ID#:23 Name:1,1-Dichloroethane Type:Target No Manual Integration

Mass:63.00 R.T:3.387 Area:119615 Conc:20.59607ppm

Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	65.00	10173	30.66	30.00
2	83.00	4032	12.15	10.00
3	85.00	2678	8.07	10.00

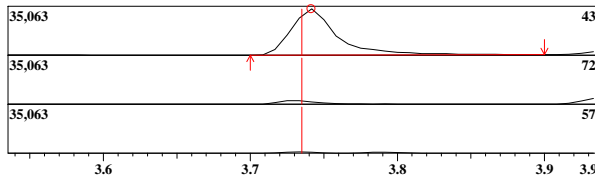


ID#:24 Name:2-Butanone(MEK) Type:Target No Manual Integration

Mass:43.00 R.T:3.741 Area:72580 Conc:17.81881ppm

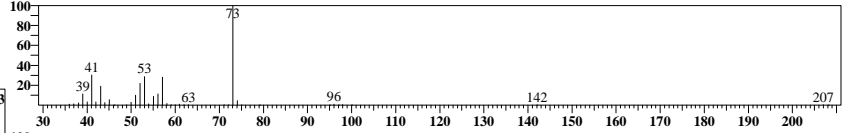
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	72.00	1483	8.20	30.00
2	57.00	531	2.93	11.00



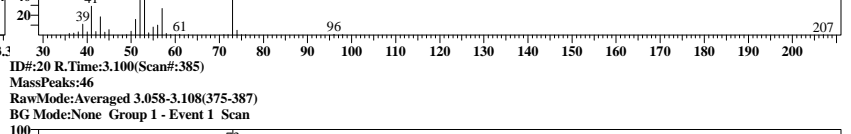
ID#:19 R.Time:3.075(Scan#:379)

MassPeaks:40
RawMode:Averaged 3.033-3.083(369-381)
BG Mode:None Group 1 - Event 1 Scan



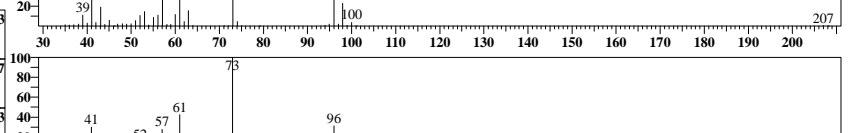
ID#:20 R.Time:3.100(Scan#:385)

MassPeaks:46
RawMode:Averaged 3.058-3.108(375-387)
BG Mode:None Group 1 - Event 1 Scan



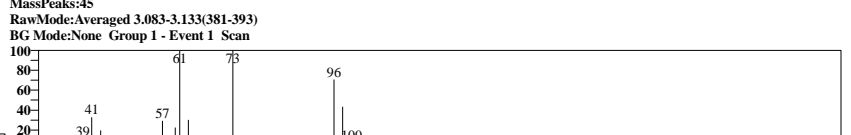
ID#:21 R.Time:3.108(Scan#:387)

MassPeaks:45
RawMode:Averaged 3.083-3.133(381-393)
BG Mode:None Group 1 - Event 1 Scan



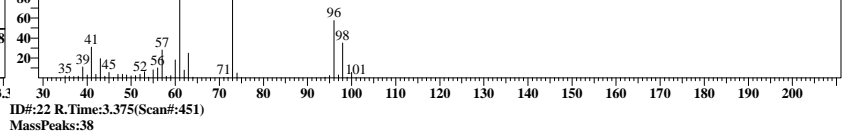
ID#:22 R.Time:3.375(Scan#:451)

MassPeaks:38
RawMode:Averaged 3.333-3.383(441-453)
BG Mode:None Group 1 - Event 1 Scan



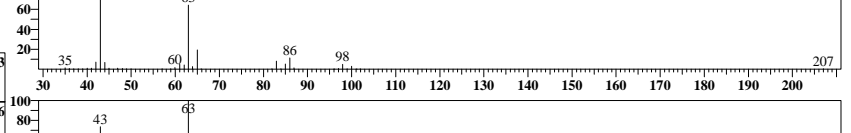
ID#:23 R.Time:3.383(Scan#:453)

MassPeaks:40
RawMode:Averaged 3.358-3.408(447-459)
BG Mode:None Group 1 - Event 1 Scan



ID#:24 R.Time:3.758(Scan#:543)

MassPeaks:55
RawMode:Averaged 3.717-3.767(533-545)
BG Mode:None Group 1 - Event 1 Scan

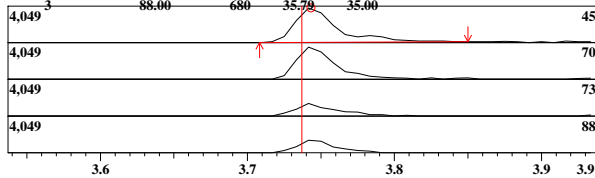


ID#:25 Name:Ethyl Acetate Type:Target No Manual Integration

Mass:45.00 R.T:3.743 Area:7865 Conc:16.92473ppm

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	70.00	1692	89.05	100.00
2	73.00	662	34.84	45.00
3	88.00	680	35.70	35.00

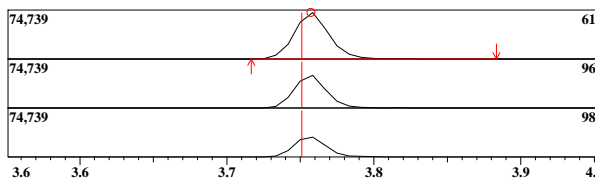


ID#:26 Name:cis-1,2-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:3.757 Area:119658 Conc:21.21619ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	96.00	21948	66.31	55.00
2	98.00	13622	41.16	35.00

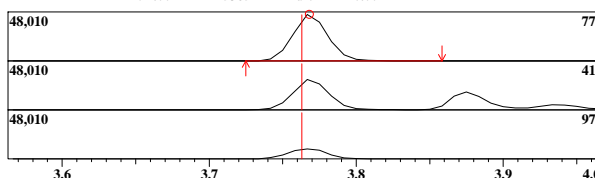


ID#:27 Name:2,2-Dichloropropane Type:Target No Manual Integration

Mass:77.00 R.T:3.768 Area:77338 Conc:21.56151ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	41.00	14444	67.03	80.00
2	97.00	5365	24.90	20.00

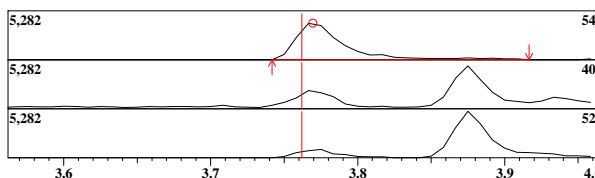


ID#:28 Name:Propionitrile(Ethyl cyanide) Type:Target No Manual Integration

Mass:54.00 R.T:3.770 Area:9333 Conc:22.44810ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	40.00	1124	53.73	30.00
2	52.00	456	21.80	10.00

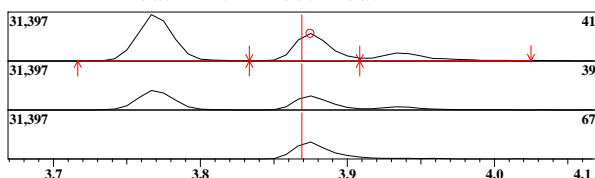


ID#:29 Name:Methacrylonitrile Type:Target No Manual Integration

Mass:41.00 R.T:3.875 Area:30043 Conc:19.00261ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	39.00	4360	51.49	62.00
2	67.00	5224	61.70	62.00

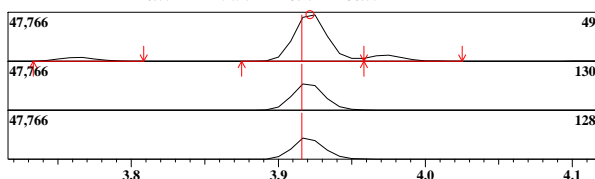


ID#:30 Name:Bromochloromethane Type:Target No Manual Integration

Mass:49.00 R.T:3.922 Area:74901 Conc:19.88409ppm

Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	130.00	11794	55.99	48.00
2	128.00	9090	43.15	38.00

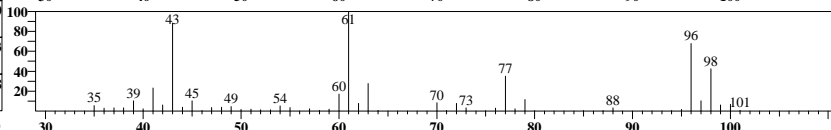
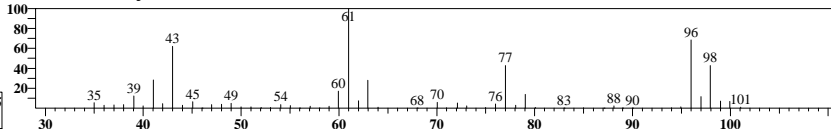


ID#:25 R.Time:3.758(Scan#:543)

MassPeaks:55

RawMode:Averaged 3.717-3.767(533-545)

BG Mode:None Group 1 - Event 1 Scan

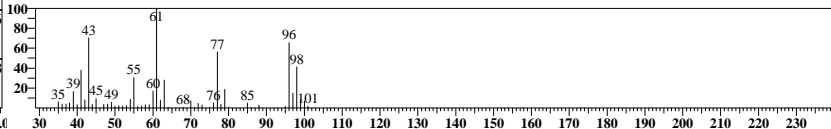
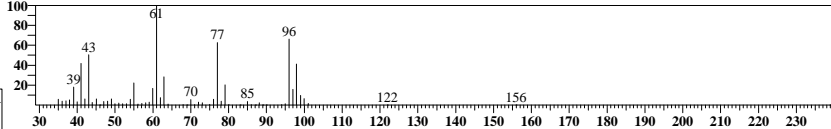


ID#:26 R.Time:3.758(Scan#:543)

MassPeaks:60

RawMode:Averaged 3.733-3.783(537-549)

BG Mode:None Group 1 - Event 1 Scan

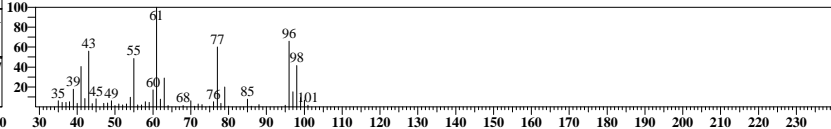
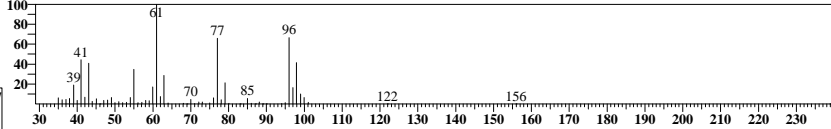


ID#:27 R.Time:3.758(Scan#:543)

MassPeaks:60

RawMode:Averaged 3.742-3.792(539-551)

BG Mode:None Group 1 - Event 1 Scan

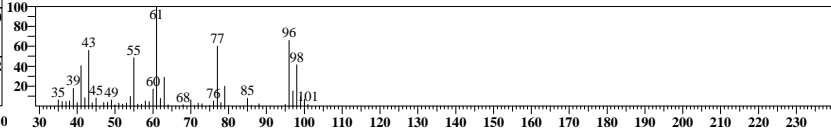
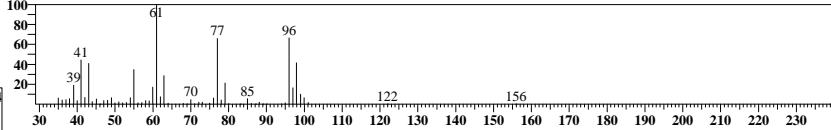


ID#:28 R.Time:3.758(Scan#:543)

MassPeaks:60

RawMode:Averaged 3.742-3.792(539-551)

BG Mode:None Group 1 - Event 1 Scan

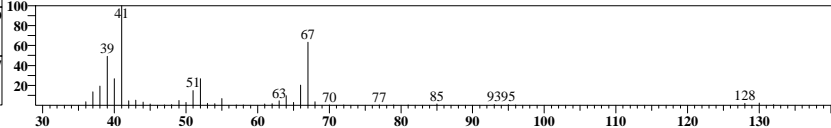
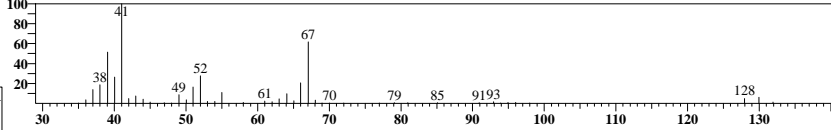


ID#:29 R.Time:3.875(Scan#:571)

MassPeaks:45

RawMode:Averaged 3.850-3.900(565-577)

BG Mode:None Group 1 - Event 1 Scan

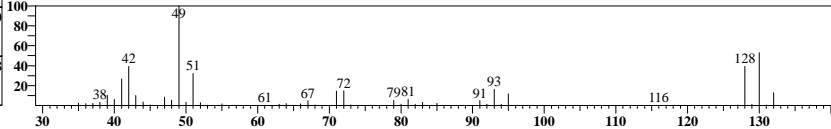
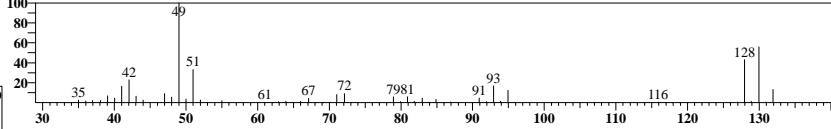


ID#:30 R.Time:3.925(Scan#:583)

MassPeaks:62

RawMode:Averaged 3.900-3.950(577-589)

BG Mode:None Group 1 - Event 1 Scan

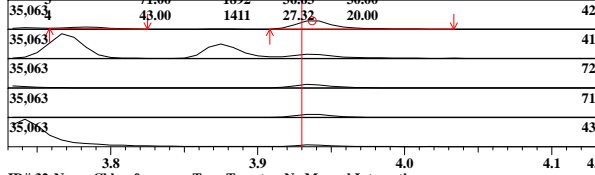


ID#:31 Name:Tetrahydrofuran Type:Target No Manual Integration

Mass:42.00 R.T:3.937 Area:19490 Conc:16.23317ppm

Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	41.00	3268	63.27	50.00
2	72.00	2097	40.60	30.00
3	71.00	1892	36.63	30.00
4	43.00	1411	27.52	20.00

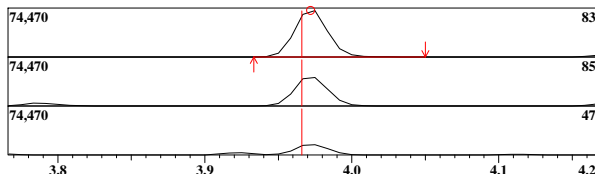


ID#:32 Name:Chloroform Type:Target No Manual Integration

Mass:83.00 R.T:3.972 Area:115284 Conc:20.98818ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	85.00	20688	63.58	64.00
2	47.00	7523	23.12	25.00

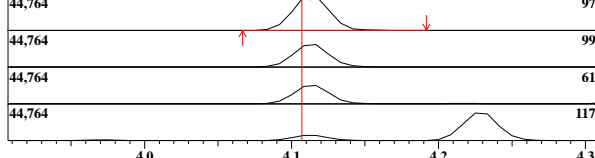


ID#:33 Name:1,1,1-Trichloroethane Type:Target No Manual Integration

Mass:97.00 R.T:4.113 Area:77423 Conc:20.34845ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	99.00	13655	63.11	64.00
2	61.00	11258	52.03	50.00
3	117.00	3448	15.94	10.00

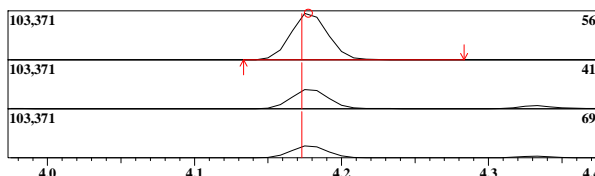


ID#:34 Name:Cyclohexane Type:Target No Manual Integration

Mass:56.00 R.T:4.178 Area:176891 Conc:23.30836ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	41.00	20794	42.35	60.00
2	69.00	12800	26.07	25.00

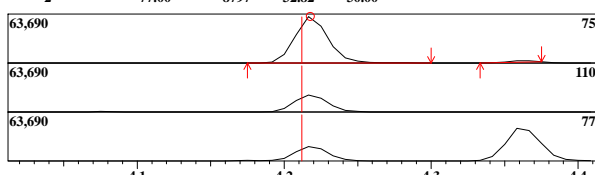


ID#:35 Name:1,1-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:4.218 Area:96123 Conc:19.96537ppm

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	110.00	10289	38.38	34.00
2	77.00	8797	32.82	30.00

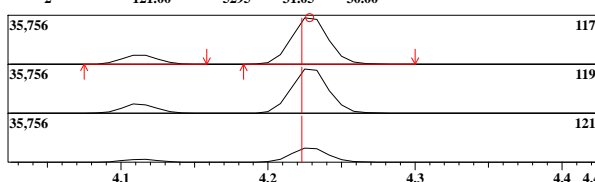


ID#:36 Name:Carbon tetrachloride Type:Target No Manual Integration

Mass:117.00 R.T:4.229 Area:61349 Conc:20.13900ppm

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	119.00	16377	96.05	95.00
2	121.00	5295	31.05	30.00

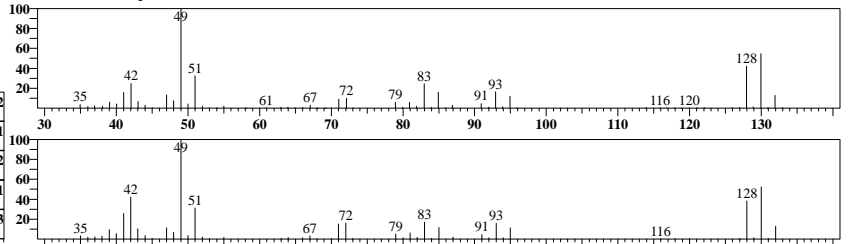


ID#:31 R.Time:3.925(Scan#:583)

MassPeaks:64

RawMode:Averaged 3.908-3.958(579-591)

BG Mode:None Group 1 - Event 1 Scan

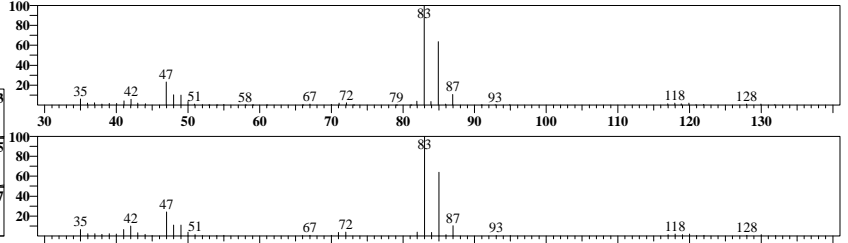


ID#:32 R.Time:3.975(Scan#:595)

MassPeaks:48

RawMode:Averaged 3.950-4.000(589-601)

BG Mode:None Group 1 - Event 1 Scan

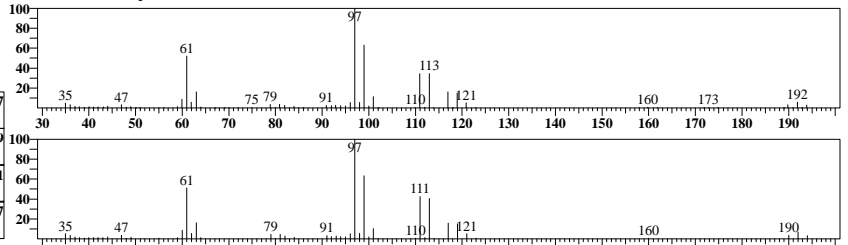


ID#:33 R.Time:4.108(Scan#:627)

MassPeaks:70

RawMode:Averaged 4.092-4.142(623-635)

BG Mode:None Group 1 - Event 1 Scan

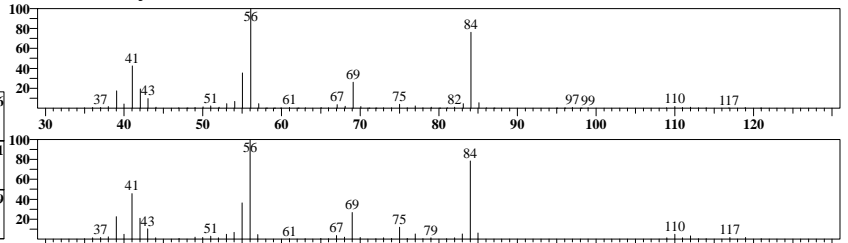


ID#:34 R.Time:4.175(Scan#:643)

MassPeaks:64

RawMode:Averaged 4.150-4.200(637-649)

BG Mode:None Group 1 - Event 1 Scan

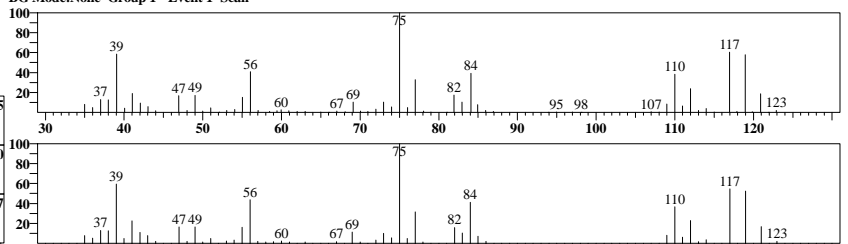


ID#:35 R.Time:4.225(Scan#:655)

MassPeaks:69

RawMode:Averaged 4.192-4.242(647-659)

BG Mode:None Group 1 - Event 1 Scan

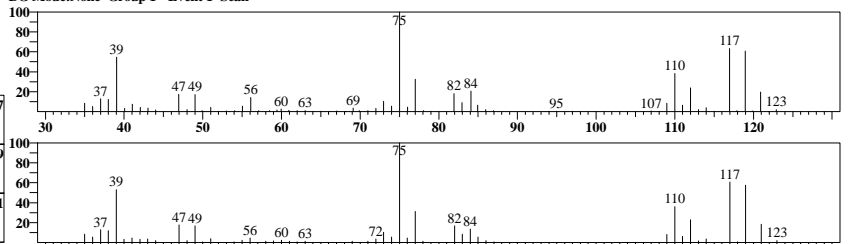


ID#:36 R.Time:4.225(Scan#:655)

MassPeaks:66

RawMode:Averaged 4.200-4.250(649-661)

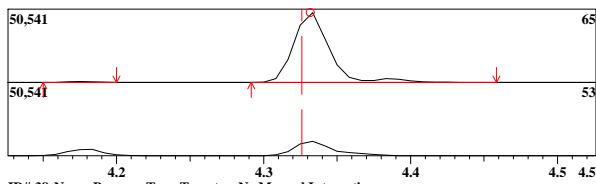
BG Mode:None Group 1 - Event 1 Scan



ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.332 Area:81766 Conc:46.01015ppb

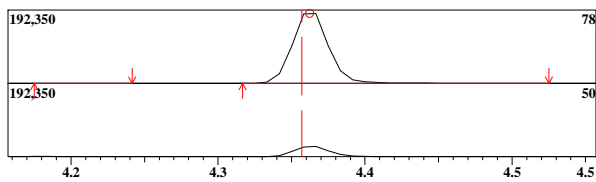
#	m/z	Area	Ratio	Reference
1	53.00	4919	22.59	15.00



ID#:38 Name:Benzene Type:Target No Manual Integration

Mass:78.00 R.T:4.362 Area:323469 Conc:20.63290ppb

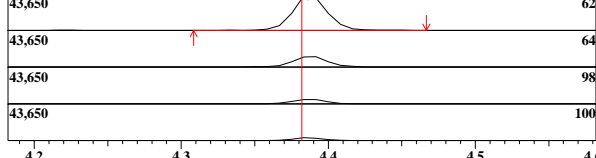
#	m/z	Area	Ratio	Reference
1	50.00	13144	14.75	16.00



ID#:39 Name:1,2-Dichloroethane Type:Target No Manual Integration

Mass:62.00 R.T:4.386 Area:71108 Conc:19.29758ppb

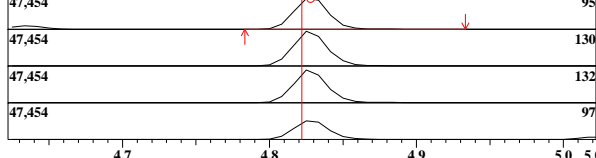
#	m/z	Area	Ratio	Reference
1	64.00	5937	30.37	30.00
2	98.00	2405	12.30	10.00
3	100.00	1531	7.83	10.00



ID#:40 Name:Trichloroethene Type:Target No Manual Integration

Mass:95.00 R.T:4.828 Area:69696 Conc:20.92225ppb

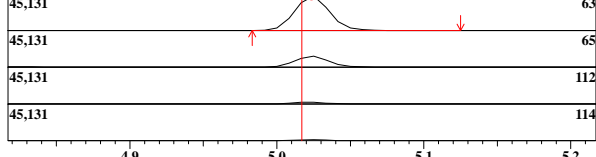
#	m/z	Area	Ratio	Reference
1	130.00	20964	109.24	95.00
2	132.00	19437	101.28	90.00
3	97.00	11749	61.22	60.00



ID#:41 Name:1,2-Dichloropropane Type:Target No Manual Integration

Mass:63.00 R.T:5.024 Area:71824 Conc:20.72553ppb

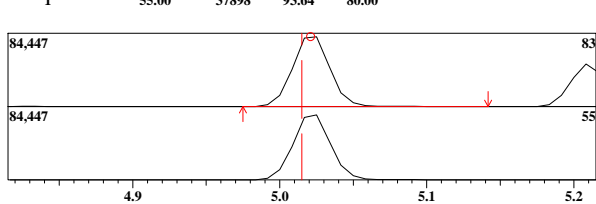
#	m/z	Area	Ratio	Reference
1	65.00	6258	31.29	30.00
2	112.00	1071	5.36	5.00
3	114.00	618	3.00	3.00



ID#:42 Name:Methyl Cyclohexane Type:Target No Manual Integration

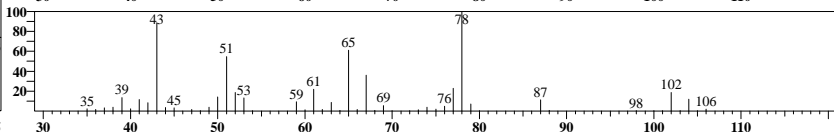
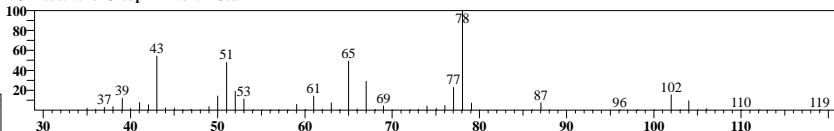
Mass:83.00 R.T:5.021 Area:145021 Conc:23.09653ppb

#	m/z	Area	Ratio	Reference
1	55.00	37898	93.64	80.00



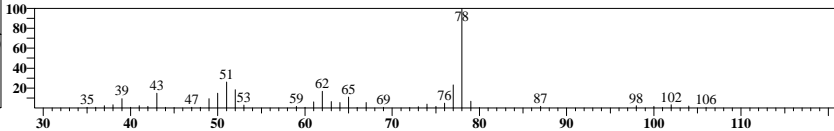
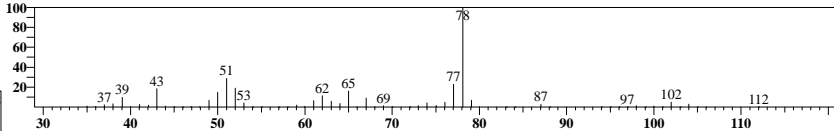
ID#:37 R.Time:4.350(Scan#:685)

MassPeaks:61 RawMode:Averaged 4.308-4.358(675-687) BG Mode:None Group 1 - Event 1 Scan



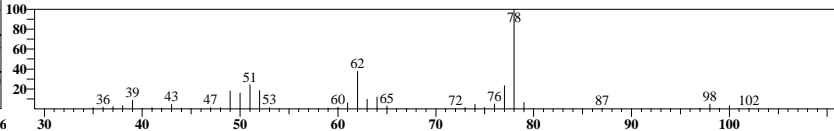
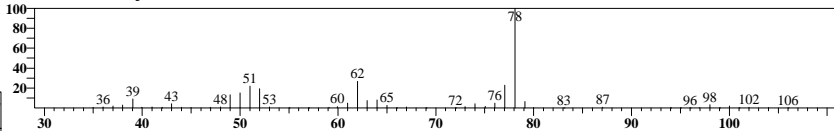
ID#:38 R.Time:4.358(Scan#:687)

MassPeaks:62 RawMode:Averaged 4.333-4.383(681-693) BG Mode:None Group 1 - Event 1 Scan



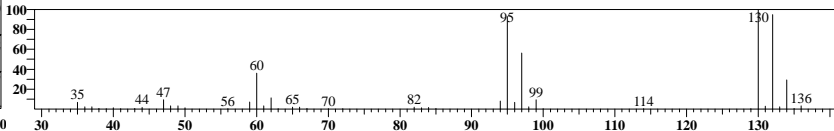
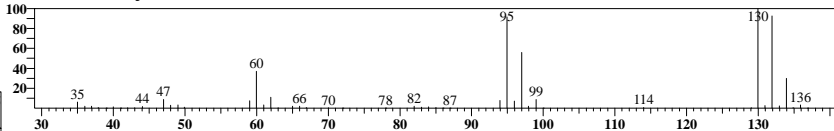
ID#:39 R.Time:4.367(Scan#:689)

MassPeaks:52 RawMode:Averaged 4.358-4.408(687-699) BG Mode:None Group 1 - Event 1 Scan



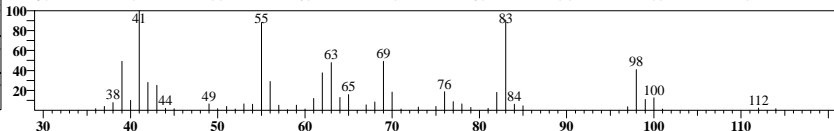
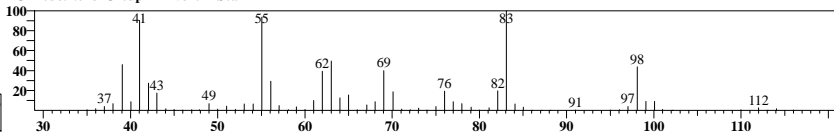
ID#:40 R.Time:4.825(Scan#:799)

MassPeaks:48 RawMode:Averaged 4.800-4.850(793-805) BG Mode:None Group 1 - Event 1 Scan



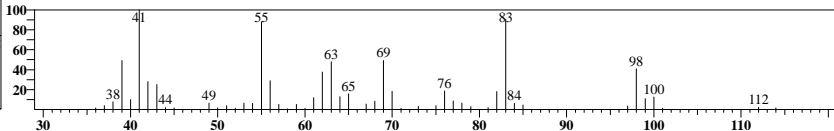
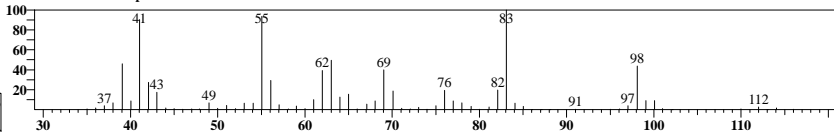
ID#:41 R.Time:5.025(Scan#:847)

MassPeaks:68 RawMode:Averaged 5.000-5.050(841-853) BG Mode:None Group 1 - Event 1 Scan



ID#:42 R.Time:5.025(Scan#:847)

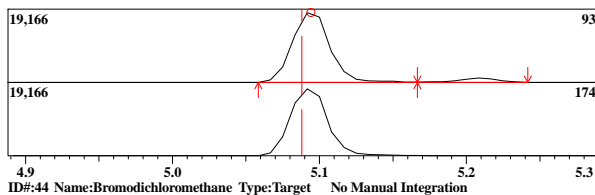
MassPeaks:68 RawMode:Averaged 5.000-5.050(841-853) BG Mode:None Group 1 - Event 1 Scan



ID#:43 Name:Dibromomethane Type:Target No Manual Integration

Mass:93.00 R.T:5.094 Area:32944 Conc:20.82072ppb
Event:1:Scan SI:95

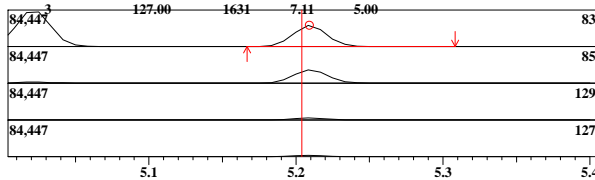
#	m/z	Area	Ratio	Reference
1	174.00	8738	96.27	30.00



ID#:44 Name:Bromodichloromethane Type:Target No Manual Integration

Mass:83.00 R.T:5.209 Area:82458 Conc:21.12946ppb
Event:1:Scan SI:98

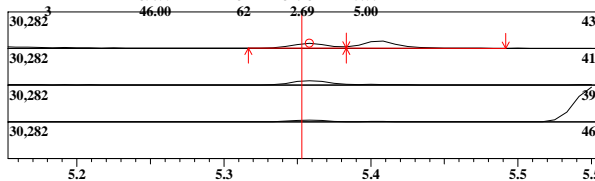
#	m/z	Area	Ratio	Reference
1	85.00	14566	63.48	63.00
2	129.00	2147	9.36	10.00
3	127.00	1631	7.11	5.00



ID#:45 Name:2-Nitropropane Type:Target No Manual Integration

Mass:43.00 R.T:5.358 Area:6999 Conc:17.25109ppb
Event:1:Scan SI:95

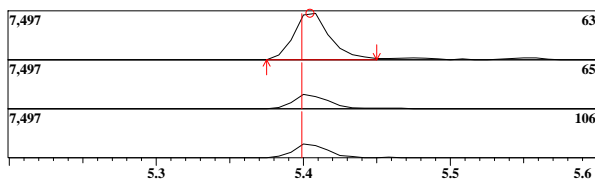
#	m/z	Area	Ratio	Reference
1	41.00	1906	* 82.62	30.00
2	39.00	732	31.73	15.00
3	46.00	62	2.69	5.00



ID#:46 Name:2-Chloroethylvinyl ether Type:Target No Manual Integration

Mass:63.00 R.T:5.405 Area:12501 Conc:17.38437ppb
Event:1:Scan SI:70

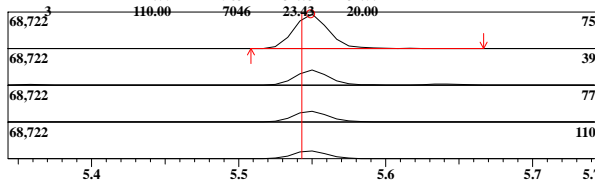
#	m/z	Area	Ratio	Reference
1	65.00	1032	29.72	30.00
2	106.00	992	28.57	25.00



ID#:47 Name:cis-1,3-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:5.549 Area:109086 Conc:21.06504ppb
Event:1:Scan SI:99

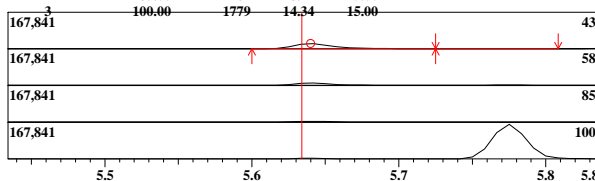
#	m/z	Area	Ratio	Reference
1	39.00	12993	43.21	60.00
2	77.00	9631	32.03	31.00
3	110.00	7046	23.43	20.00



ID#:48 Name:4-Methyl-2-Pentanone(MIBK) Type:Target No Manual Integration

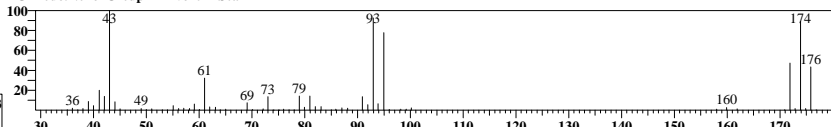
Mass:43.00 R.T:5.640 Area:46944 Conc:18.43950ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	58.00	5456	43.99	40.00
2	85.00	2262	18.24	15.00
3	100.00	1779	14.34	15.00



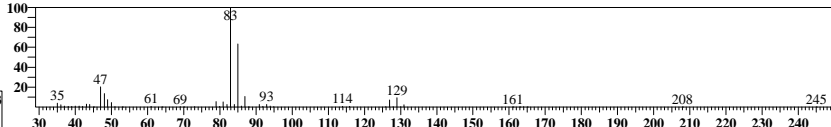
ID#:43 R.Time:5.092(Scan#:863)

MassPeaks:64
RawMode:Averaged 5.067-5.117(857-869)
BG Mode:None Group 1 - Event 1 Scan



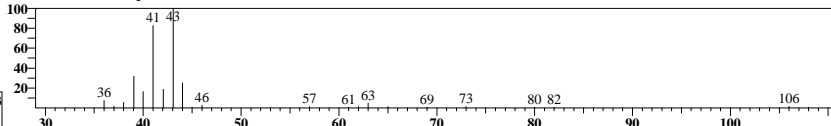
ID#:44 R.Time:5.208(Scan#:891)

MassPeaks:51
RawMode:Averaged 5.183-5.233(885-897)
BG Mode:None Group 1 - Event 1 Scan



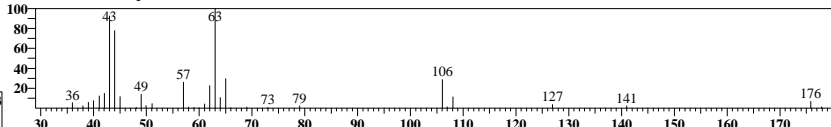
ID#:45 R.Time:5.358(Scan#:927)

MassPeaks:22
RawMode:Averaged 5.333-5.383(921-933)
BG Mode:None Group 1 - Event 1 Scan



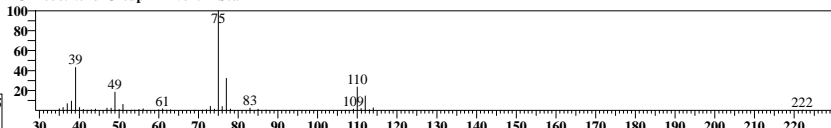
ID#:46 R.Time:5.408(Scan#:939)

MassPeaks:34
RawMode:Averaged 5.383-5.433(933-945)
BG Mode:None Group 1 - Event 1 Scan



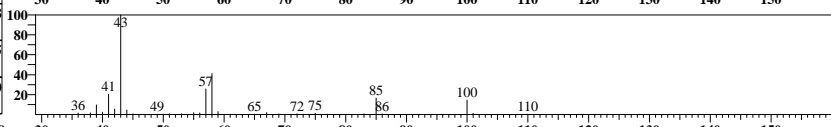
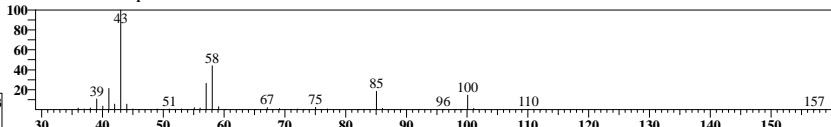
ID#:47 R.Time:5.550(Scan#:973)

MassPeaks:43
RawMode:Averaged 5.525-5.575(967-979)
BG Mode:None Group 1 - Event 1 Scan



ID#:48 R.Time:5.642(Scan#:995)

MassPeaks:41
RawMode:Averaged 5.617-5.667(989-1001)
BG Mode:None Group 1 - Event 1 Scan

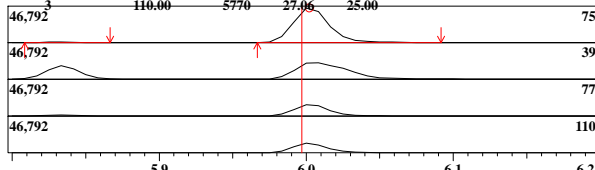


ID#:49 Name:trans-1,3-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:6.002 Area:77739 Conc:20.38313ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	39.00	12735	59.73	90.00
2	77.00	6927	32.49	30.00
3	110.00	5770	27.96	25.00

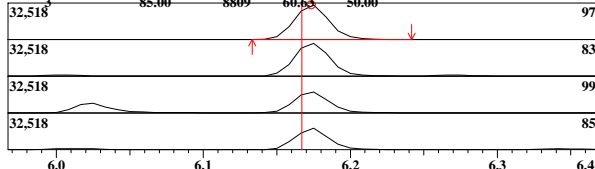


ID#:50 Name:1,1,2-Trichloroethane Type:Target No Manual Integration

Mass:97.00 R.T:6.174 Area:52087 Conc:20.24979ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	83.00	14045	96.67	90.00
2	99.00	8961	61.68	60.00
3	85.00	8809	60.63	50.00

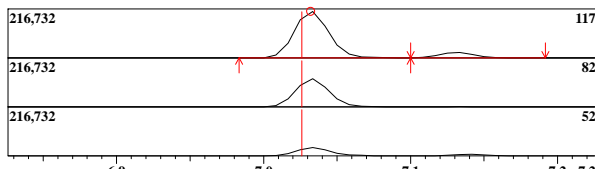


ID#:51 Name:Chlorobenzene-d5 (IS) Type:ISTD No Manual Integration

Mass:117.00 R.T:7.032 Area:342533 Conc:50.00000ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	82.00	56969	59.32	60.00
2	52.00	17542	18.27	30.00

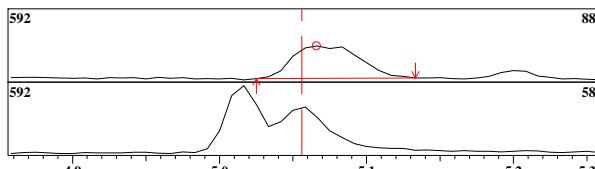


ID#:52 Name:1,4-Dioxane Type:Target No Manual Integration

Mass:88.00 R.T:5.066 Area:836 Conc:20.20739ppb

Event:2:SIM SI:95

#	m/z	Area	Ratio	Reference
1	58.00	254	107.63	130.00

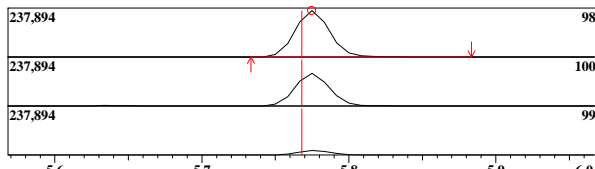


ID#:53 Name:Toluene-d8 Type:Surrogate/SMC No Manual Integration

Mass:98.00 R.T:5.775 Area:376371 Conc:48.06014ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	100.00	74252	70.61	70.00
2	99.00	10304	9.80	10.00

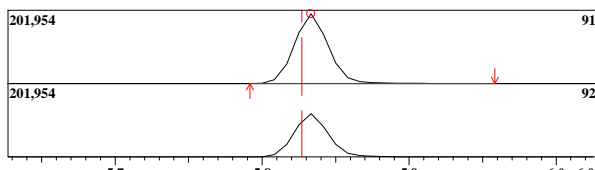


ID#:54 Name:Toluene Type:Target No Manual Integration

Mass:91.00 R.T:5.833 Area:312549 Conc:21.82044ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	92.00	54115	62.20	60.00

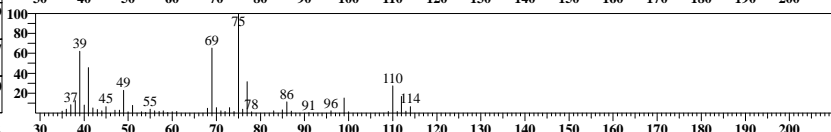
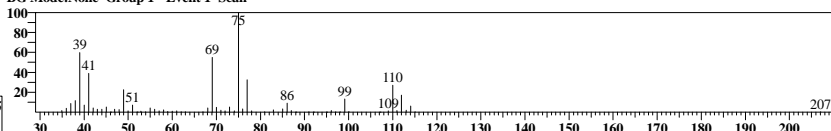


ID#:49 R.Time:6.017(Scan#:1085)

MassPeaks:64

RawMode:Averaged 5.975-6.025(1075-1087)

BG Mode:None Group 1 - Event 1 Scan

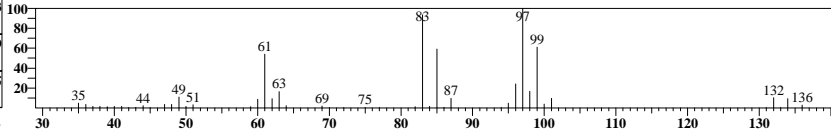
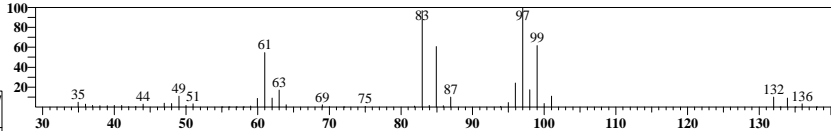


ID#:50 R.Time:6.175(Scan#:1123)

MassPeaks:49

RawMode:Averaged 6.150-6.200(1117-1129)

BG Mode:None Group 1 - Event 1 Scan

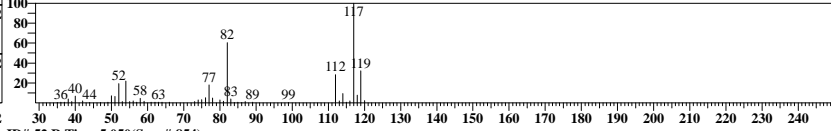
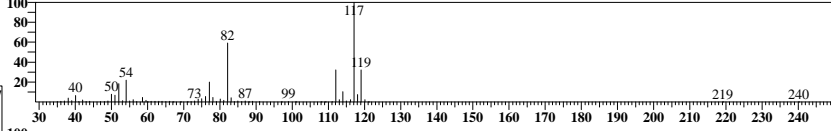


ID#:51 R.Time:7.033(Scan#:1329)

MassPeaks:70

RawMode:Averaged 7.008-7.058(1323-1335)

BG Mode:None Group 1 - Event 1 Scan

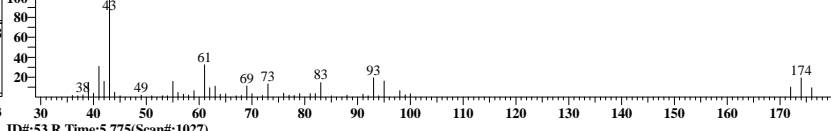
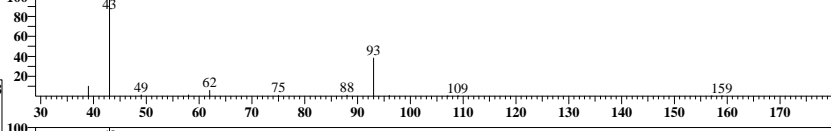


ID#:52 R.Time:5.050(Scan#:854)

MassPeaks:13

RawMode:Averaged 5.042-5.092(852-864)

BG Mode:None Group 1 - Event 2 SIM

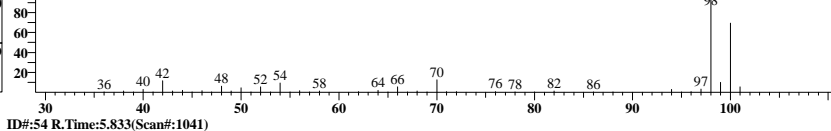
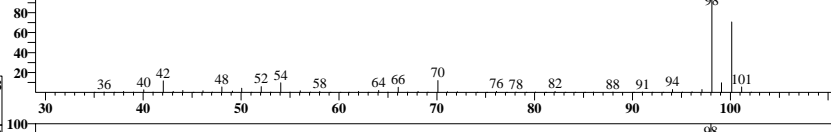


ID#:53 R.Time:5.775(Scan#:1027)

MassPeaks:65

RawMode:Averaged 5.750-5.800(1021-1033)

BG Mode:None Group 1 - Event 1 Scan

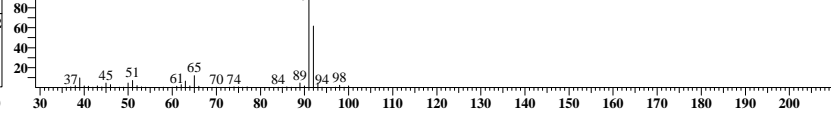
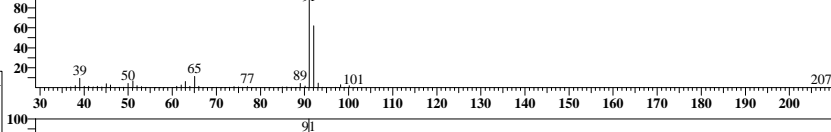


ID#:54 R.Time:5.833(Scan#:1041)

MassPeaks:57

RawMode:Averaged 5.808-5.858(1035-1047)

BG Mode:None Group 1 - Event 1 Scan

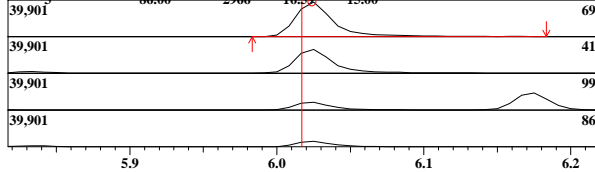


ID#:55 Name:Ethyl Methacrylate Type:Target No Manual Integration

Mass:69.00 R.T:6.024 Area:68951 Conc:20.23342ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	41.00	12607	70.51	80.00
2	99.00	4179	23.37	20.00
3	86.00	2966	16.50	15.00

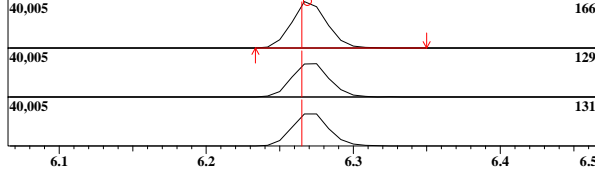


ID#:56 Name:Tetrachloroethene Type:Target No Manual Integration

Mass:166.00 R.T:6.269 Area:64477 Conc:21.77057ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	129.00	13953	77.81	85.00
2	131.00	13275	74.03	80.00

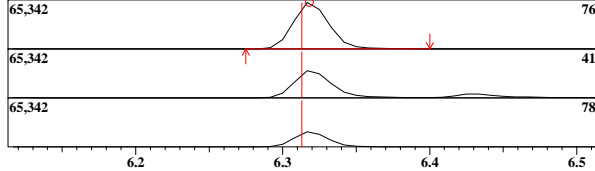


ID#:57 Name:1,3-Dichloropropane Type:Target No Manual Integration

Mass:76.00 R.T:6.318 Area:106306 Conc:20.12930ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	41.00	17958	60.90	85.00
2	78.00	9357	31.73	30.00

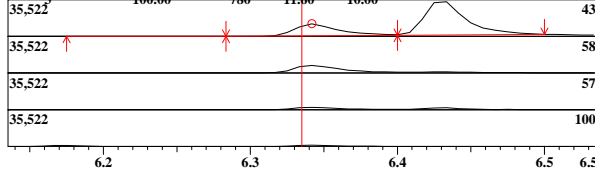


ID#:58 Name:2-Hexanone(MBK) Type:Target No Manual Integration

Mass:43.00 R.T:6.342 Area:24435 Conc:18.43559ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	58.00	4149	61.68	50.00
2	57.00	1359	20.20	20.00
3	100.00	780	11.60	10.00

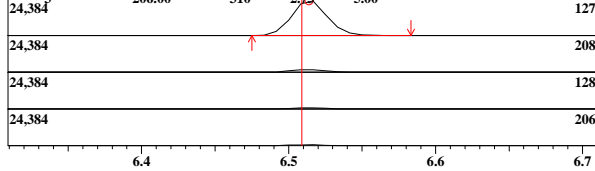


ID#:59 Name:Dibromochloromethane Type:Target No Manual Integration

Mass:127.00 R.T:6.514 Area:40473 Conc:22.25507ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	208.00	835	7.35	7.00
2	128.00	314	2.76	5.00
3	206.00	310	2.73	5.00

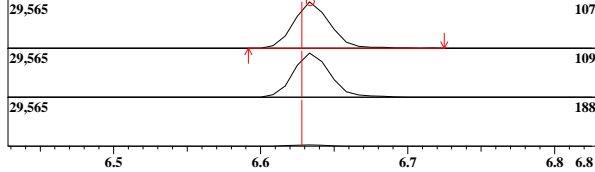


ID#:60 Name:1,2-Dibromoethane Type:Target No Manual Integration

Mass:107.00 R.T:6.634 Area:48504 Conc:20.80596ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	109.00	12900	96.52	90.00
2	188.00	453	3.39	5.00

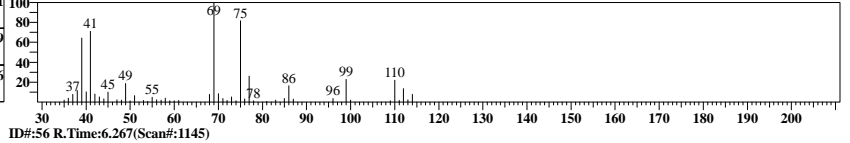
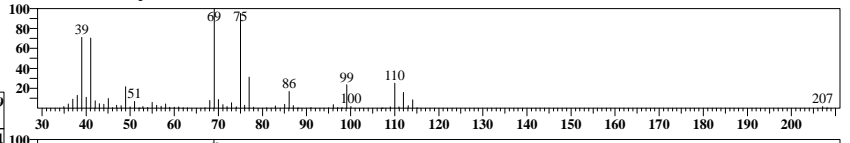


ID#:55 R.Time:6.017(Scan#:1085)

MassPeaks:64

RawMode:Averaged 6.000-6.050(1081-1093)

BG Mode:None Group 1 - Event 1 Scan

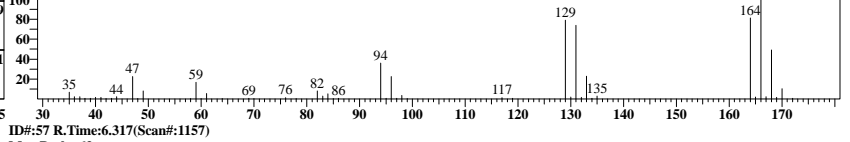
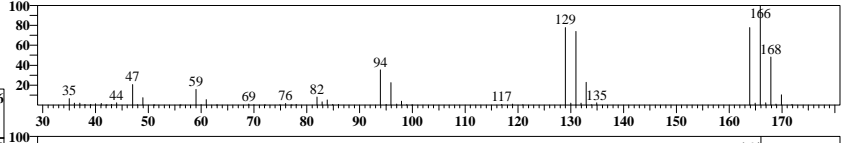


ID#:56 R.Time:6.267(Scan#:1145)

MassPeaks:56

RawMode:Averaged 6.242-6.292(1139-1151)

BG Mode:None Group 1 - Event 1 Scan

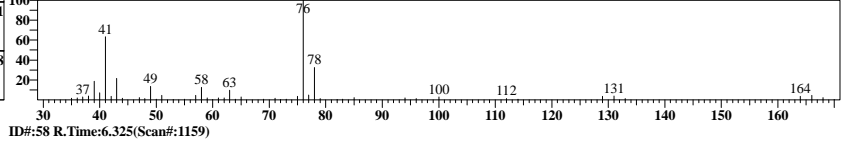
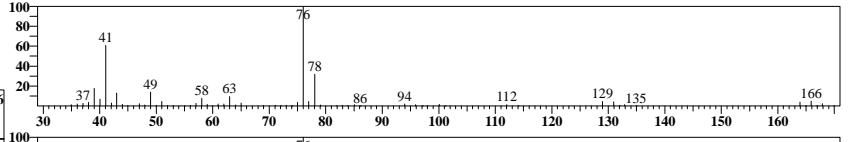


ID#:57 R.Time:6.317(Scan#:1157)

MassPeaks:63

RawMode:Averaged 6.292-6.342(1151-1163)

BG Mode:None Group 1 - Event 1 Scan

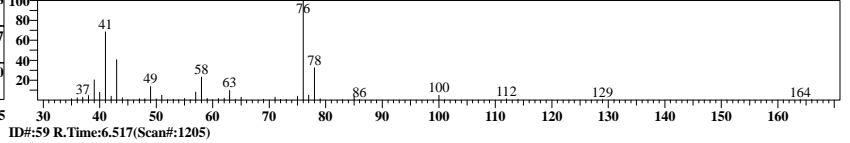
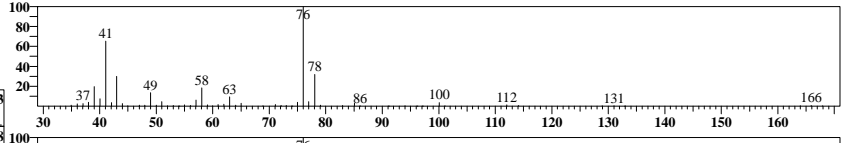


ID#:58 R.Time:6.325(Scan#:1159)

MassPeaks:57

RawMode:Averaged 6.317-6.367(1157-1169)

BG Mode:None Group 1 - Event 1 Scan

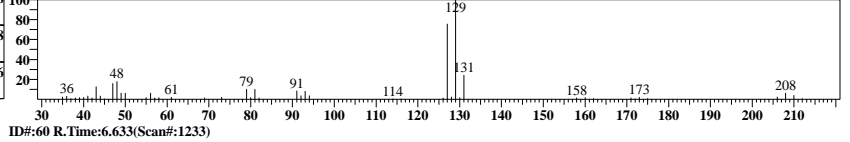
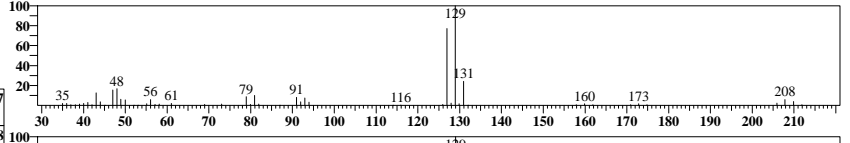


ID#:59 R.Time:6.517(Scan#:1205)

MassPeaks:52

RawMode:Averaged 6.492-6.542(1199-1211)

BG Mode:None Group 1 - Event 1 Scan

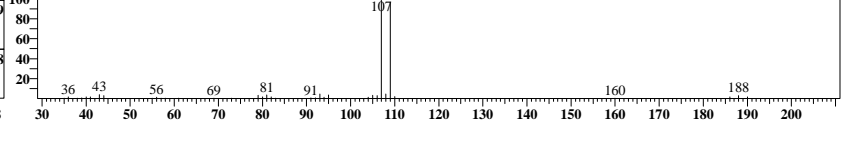
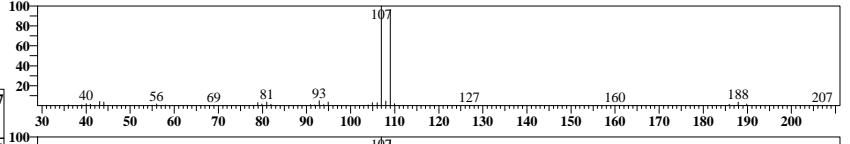


ID#:60 R.Time:6.633(Scan#:1233)

MassPeaks:35

RawMode:Averaged 6.608-6.658(1227-1239)

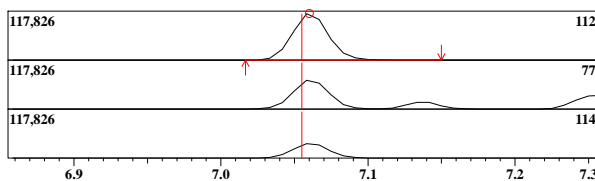
BG Mode:None Group 1 - Event 1 Scan



ID#:61 Name:Chlorobenzene Type:Target No Manual Integration

Mass:112.00 R.T:7.060 Area:195337 Conc:20.59030ppb
Event:1:Scan SI:98

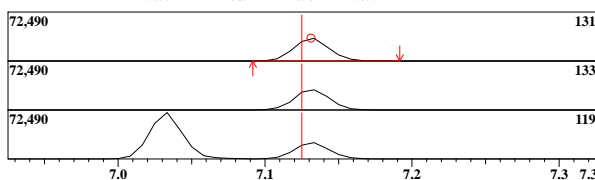
#	m/z	Area	Ratio	Reference
1	77.00	34477	63.41	65.00
2	114.00	17474	32.14	30.00



ID#:62 Name:1,1,1,2-Tetrachloroethane Type:Target No Manual Integration

Mass:131.00 R.T:7.131 Area:58004 Conc:22.51011ppb
Event:1:Scan SI:99

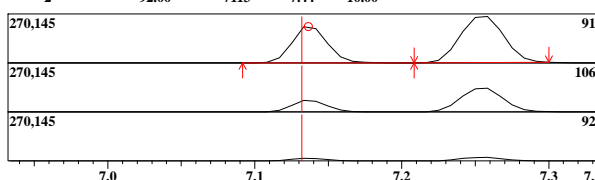
#	m/z	Area	Ratio	Reference
1	133.00	14691	89.94	90.00
2	119.00	11689	71.56	70.00



ID#:63 Name:Ethylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:7.136 Area:341384 Conc:22.19961ppb
Event:1:Scan SI:99

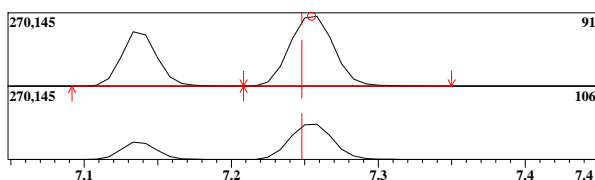
#	m/z	Area	Ratio	Reference
1	106.00	30990	32.41	33.00
2	92.00	7113	7.44	10.00



ID#:64 Name:Xylene-mp Type:Target No Manual Integration

Mass:91.00 R.T:7.255 Area:543379 Conc:42.83903ppb
Event:1:Scan SI:99

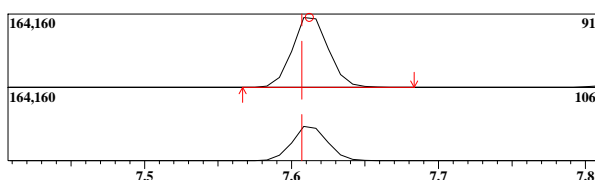
#	m/z	Area	Ratio	Reference
1	106.00	75440	50.11	30.00



ID#:65 Name:Xylene-o Type:Target No Manual Integration

Mass:91.00 R.T:7.612 Area:270939 Conc:21.89670ppb
Event:1:Scan SI:97

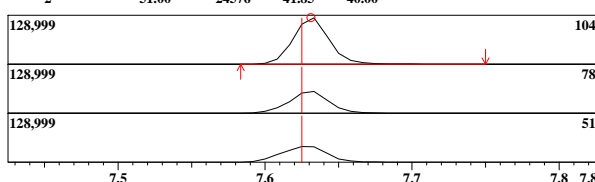
#	m/z	Area	Ratio	Reference
1	106.00	36906	48.53	50.00



ID#:66 Name:Styrene Type:Target No Manual Integration

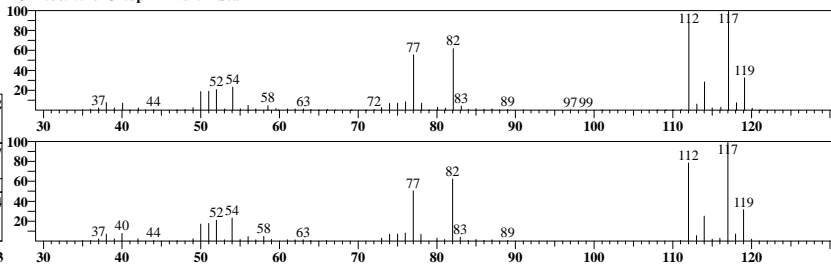
Mass:104.00 R.T:7.631 Area:212621 Conc:21.87884ppb
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	78.00	30256	51.52	50.00
2	51.00	24576	41.85	40.00



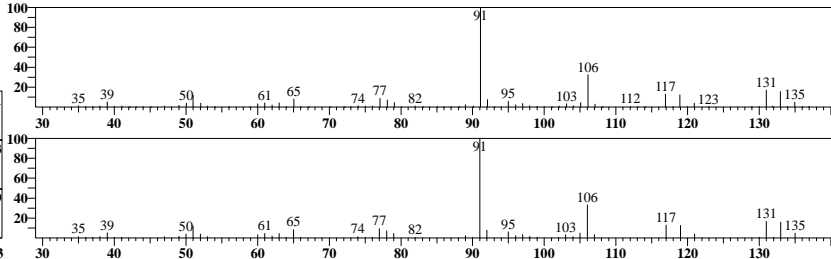
ID#:61 R.Time:7.042(Scan#:1331)

MassPeaks:69
RawMode:Averaged 7.033-7.083(1329-1341)
BG Mode:None Group 1 - Event 1 Scan



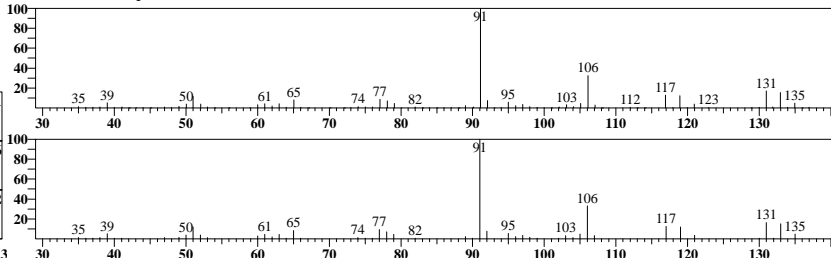
ID#:62 R.Time:7.133(Scan#:1353)

MassPeaks:84
RawMode:Averaged 7.108-7.158(1347-1359)
BG Mode:None Group 1 - Event 1 Scan



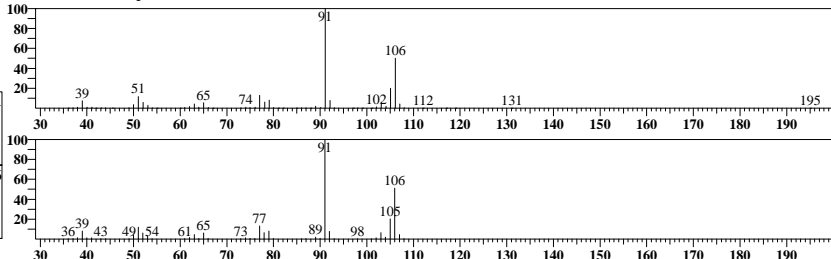
ID#:63 R.Time:7.133(Scan#:1353)

MassPeaks:84
RawMode:Averaged 7.108-7.158(1347-1359)
BG Mode:None Group 1 - Event 1 Scan



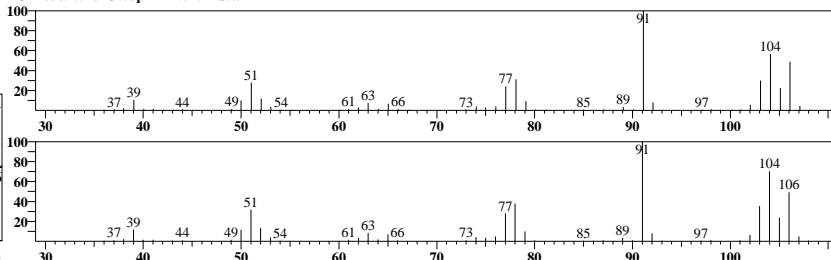
ID#:64 R.Time:7.258(Scan#:1383)

MassPeaks:60
RawMode:Averaged 7.233-7.283(1377-1389)
BG Mode:None Group 1 - Event 1 Scan



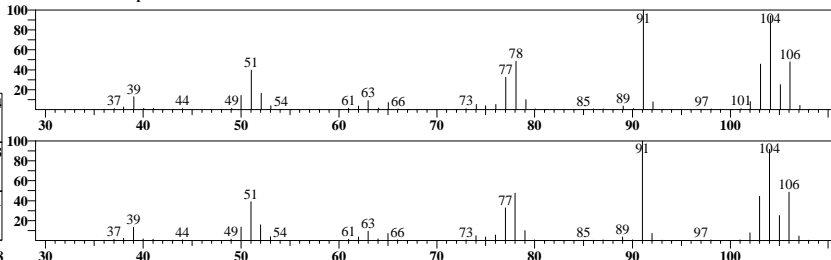
ID#:65 R.Time:7.617(Scan#:1469)

MassPeaks:56
RawMode:Averaged 7.583-7.633(1461-1473)
BG Mode:None Group 1 - Event 1 Scan



ID#:66 R.Time:7.617(Scan#:1469)

MassPeaks:56
RawMode:Averaged 7.608-7.658(1467-1479)
BG Mode:None Group 1 - Event 1 Scan

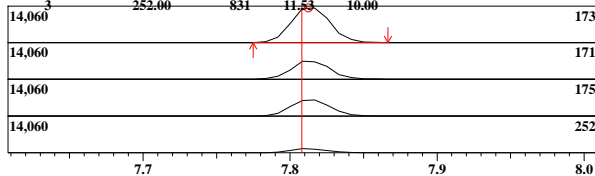


ID#:67 Name:Bromoform Type:Target No Manual Integration

Mass:173.00 R.T:7.813 Area:25703 Conc:21.35767ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	171.00	3708	51.44	50.00
2	175.00	3363	46.65	50.00
3	252.00	831	11.53	10.00

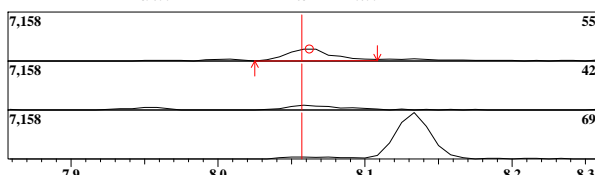


ID#:68 Name:Cyclohexanone Type:Target No Manual Integration

Mass:55.00 R.T:8.062 Area:3863 Conc:36.39090ppb

Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	42.00	437	42.22	40.00
2	69.00	224	21.64	20.00

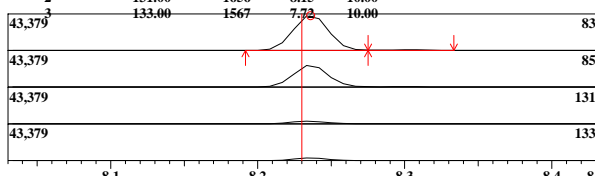


ID#:69 Name:1,1,1,2,2-Tetrachloroethane Type:Target No Manual Integration

Mass:83.00 R.T:8.236 Area:72176 Conc:22.14282ppb

Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	85.00	12348	60.81	60.00
2	131.00	1656	8.15	10.00
3	133.00	1567	7.72	10.00

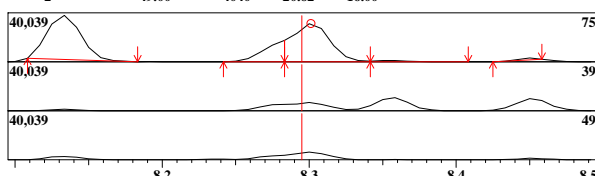


ID#:70 Name:1,2,3-Trichloropropane Type:Target Manual Integration Performed Manual Reason: Split Peak ABO 01/26/22

Mass:75.00 R.T:8.301 Area:50585 Conc:18.85499ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	39.00	4551	23.23	45.00
2	49.00	4040	20.62	16.00

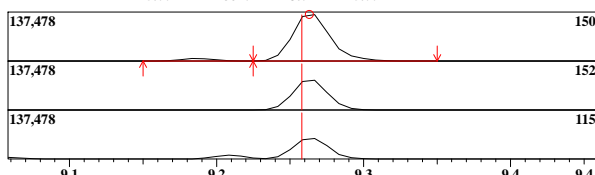


ID#:71 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.263 Area:239753 Conc:50.00000ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	152.00	40881	61.44	40.00
2	115.00	28640	43.04	25.00

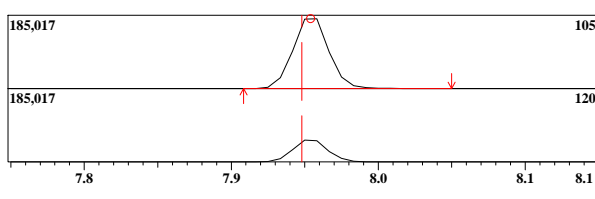


ID#:72 Name:Isopropylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:7.954 Area:306467 Conc:22.18518ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	120.00	26522	30.93	30.00

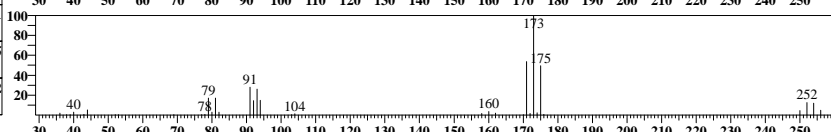
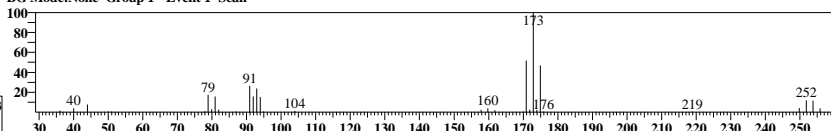


ID#:67 R.Time:7.817(Scan#:1517)

MassPeaks:32

RawMode:Averaged 7.792-7.842(1511-1523)

BG Mode:None Group 1 - Event 1 Scan

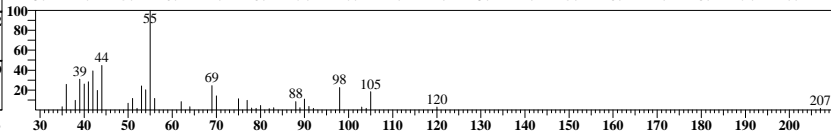
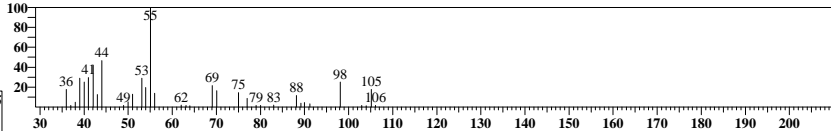


ID#:68 R.Time:8.058(Scan#:1575)

MassPeaks:35

RawMode:Averaged 8.033-8.083(1569-1581)

BG Mode:None Group 1 - Event 1 Scan

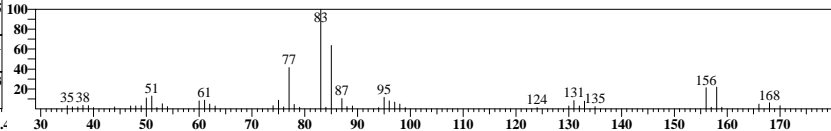
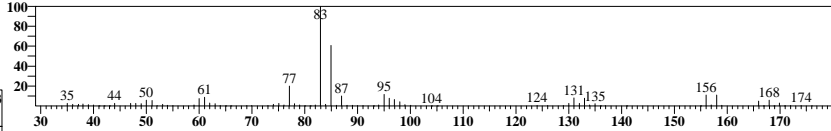


ID#:69 R.Time:8.233(Scan#:1617)

MassPeaks:84

RawMode:Averaged 8.208-8.258(1611-1623)

BG Mode:None Group 1 - Event 1 Scan

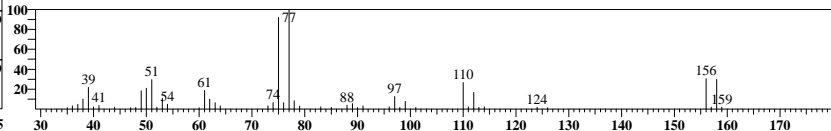
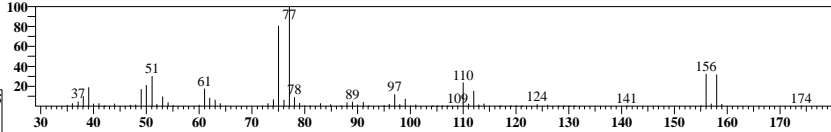


ID#:70 R.Time:8.292(Scan#:1631)

MassPeaks:77

RawMode:Averaged 8.283-8.325(1629-1639)

BG Mode:None Group 1 - Event 1 Scan

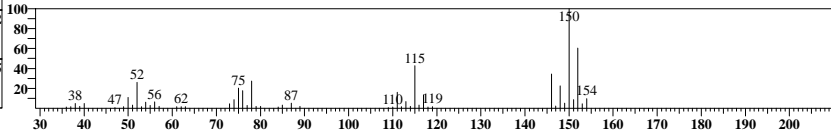
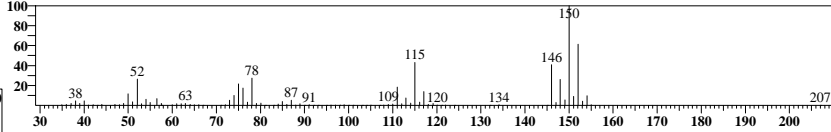


ID#:71 R.Time:9.267(Scan#:1865)

MassPeaks:93

RawMode:Averaged 9.242-9.292(1859-1871)

BG Mode:None Group 1 - Event 1 Scan

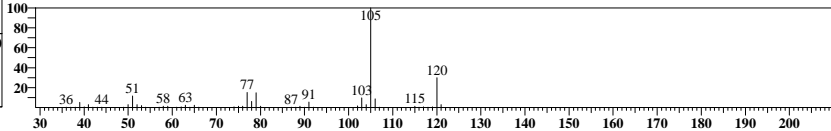
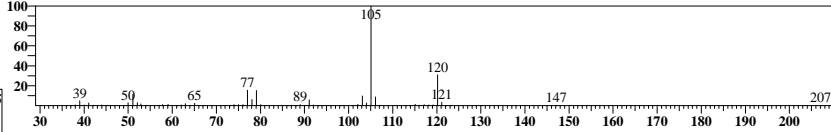


ID#:72 R.Time:7.950(Scan#:1549)

MassPeaks:63

RawMode:Averaged 7.925-7.975(1543-1555)

BG Mode:None Group 1 - Event 1 Scan

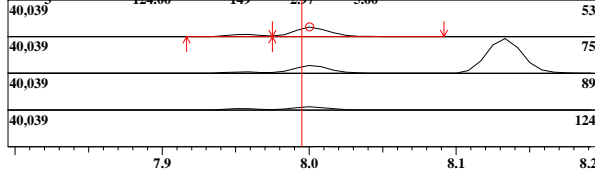


ID#:73 Name:Trans-1,4-Dichloro-2-butene Type:Target No Manual Integration

Mass:53.00 R.T:8.000 Area:18166 Conc:20.47773ppb

Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	75.00	4158	82.76	90.00
2	89.00	1802	35.87	30.00
3	124.00	149	2.97	5.00

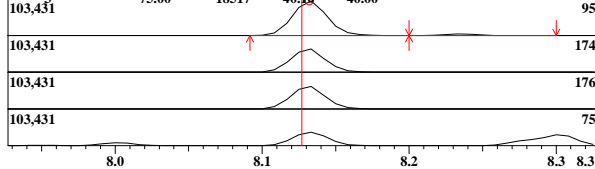


ID#:74 Name:Bromofluorobenzene Type:Surrogate/SMC No Manual Integration

Mass:95.00 R.T:8.132 Area:164535 Conc:50.45978ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	174.00	30849	66.81	50.00
2	176.00	30238	65.48	50.00
3	75.00	18517	40.10	40.00

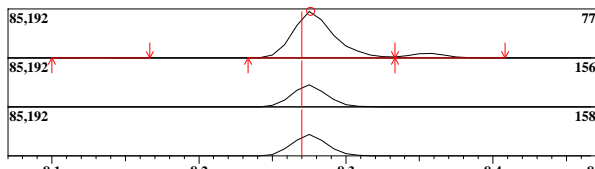


ID#:75 Name:Bromobenzene Type:Target No Manual Integration

Mass:77.00 R.T:8.276 Area:157203 Conc:20.98411ppb

Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	156.00	18248	43.61	40.00
2	158.00	17818	42.58	35.00

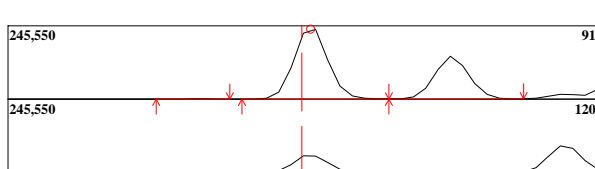


ID#:76 Name:n-Propylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:8.355 Area:387964 Conc:23.16177ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	120.00	27413	24.84	20.00

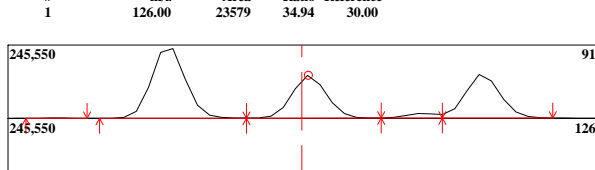


ID#:77 Name:2-Chlorotoluene Type:Target No Manual Integration

Mass:91.00 R.T:8.451 Area:235232 Conc:22.50429ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	126.00	23579	34.94	30.00

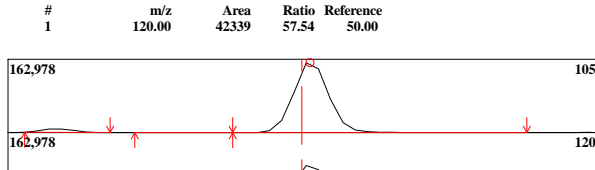


ID#:78 Name:1,3,5-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.528 Area:263584 Conc:21.96704ppb

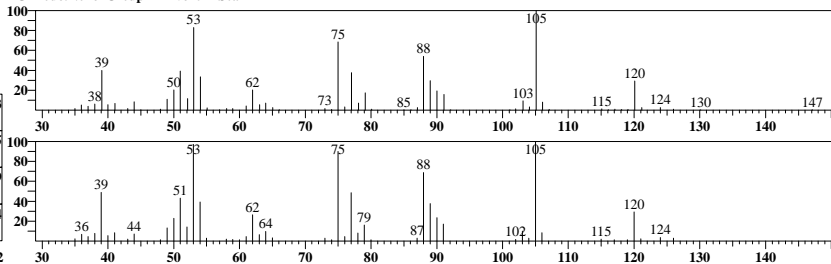
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	120.00	42339	57.54	50.00



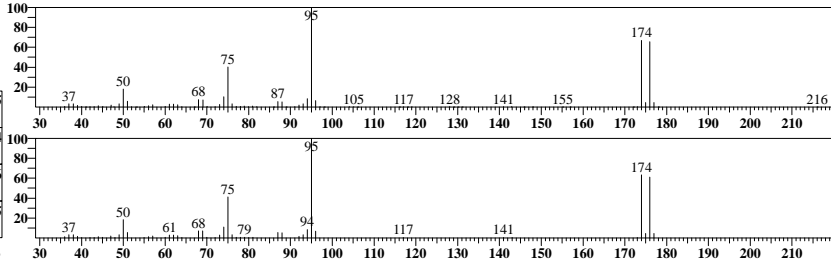
ID#:73 R.Time:8.000(Scan#:1561)

MassPeaks:61
RawMode:Averaged 7.975-8.025(1555-1567)
BG Mode:None Group 1 - Event 1 Scan



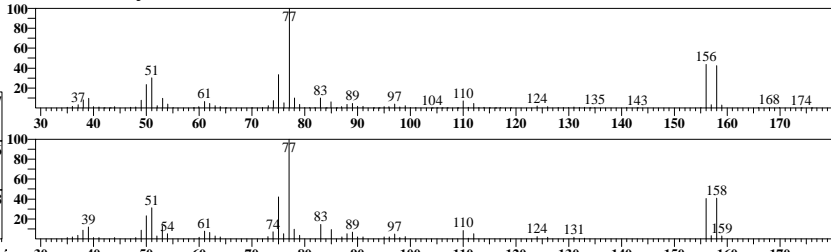
ID#:74 R.Time:8.133(Scan#:1593)

MassPeaks:77
RawMode:Averaged 8.108-8.158(1587-1599)
BG Mode:None Group 1 - Event 1 Scan



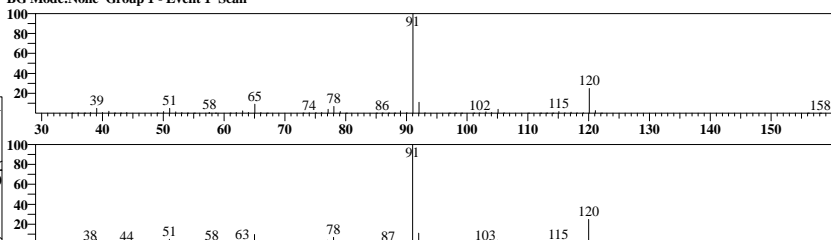
ID#:75 R.Time:8.275(Scan#:1627)

MassPeaks:92
RawMode:Averaged 8.250-8.300(1621-1633)
BG Mode:None Group 1 - Event 1 Scan



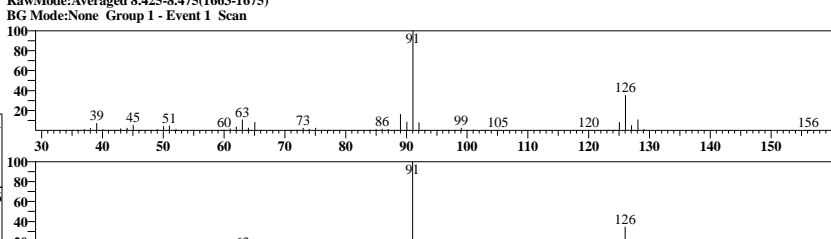
ID#:76 R.Time:8.358(Scan#:1647)

MassPeaks:67
RawMode:Averaged 8.333-8.383(1641-1653)
BG Mode:None Group 1 - Event 1 Scan



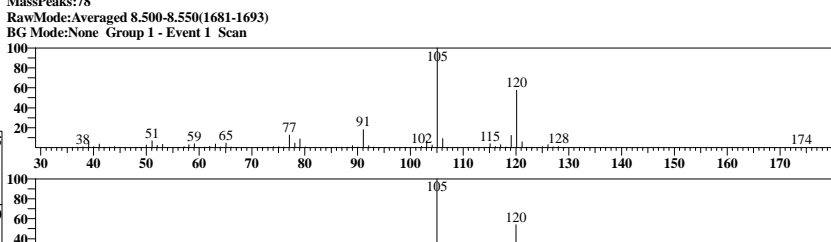
ID#:77 R.Time:8.450(Scan#:1669)

MassPeaks:64
RawMode:Averaged 8.425-8.475(1663-1675)
BG Mode:None Group 1 - Event 1 Scan



ID#:78 R.Time:8.525(Scan#:1687)

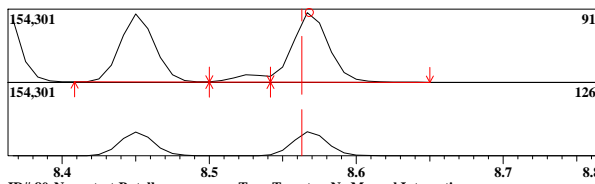
MassPeaks:78
RawMode:Averaged 8.500-8.550(1681-1693)
BG Mode:None Group 1 - Event 1 Scan



ID#:79 Name:4-Chlorotoluene Type:Target No Manual Integration

Mass:91.00 R.T:8.568 Area:245145 Conc:22.72232ppb
Event:1:Scan SI:98

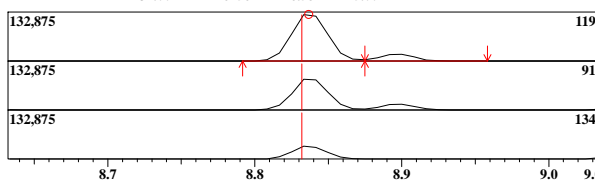
#	m/z	Area	Ratio	Reference
1	126.00	23989	33.79	30.00



ID#:80 Name:tert-Butylbenzene Type:Target No Manual Integration

Mass:119.00 R.T:8.837 Area:225336 Conc:23.65995ppb
Event:1:Scan SI:99

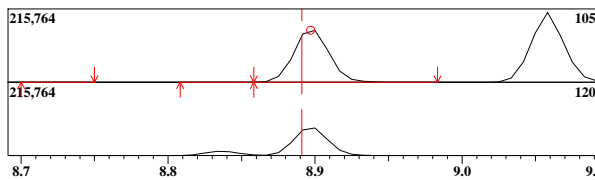
#	m/z	Area	Ratio	Reference
1	91.00	41307	65.52	70.00
2	134.00	16756	26.58	25.00



ID#:81 Name:1,2,4-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.897 Area:261916 Conc:22.12266ppb
Event:1:Scan SI:99

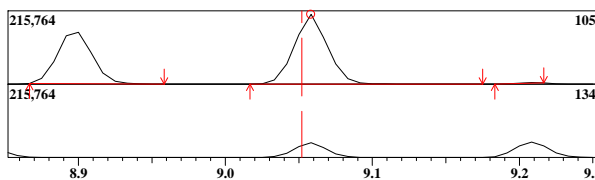
#	m/z	Area	Ratio	Reference
1	120.00	38974	52.74	45.00



ID#:82 Name:sec-Butylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.058 Area:323990 Conc:22.52204ppb
Event:1:Scan SI:99

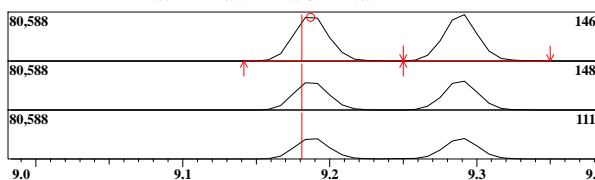
#	m/z	Area	Ratio	Reference
1	134.00	19278	21.09	20.00



ID#:83 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.187 Area:128989 Conc:22.17445ppb
Event:1:Scan SI:96

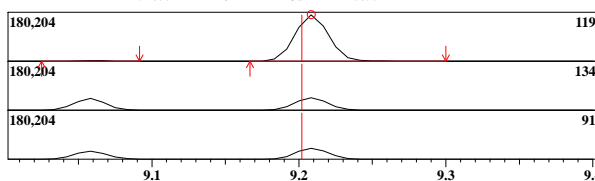
#	m/z	Area	Ratio	Reference
1	148.00	22677	62.76	60.00
2	111.00	16525	45.73	45.00



ID#:84 Name:p-iso-Propyltoluene Type:Target No Manual Integration

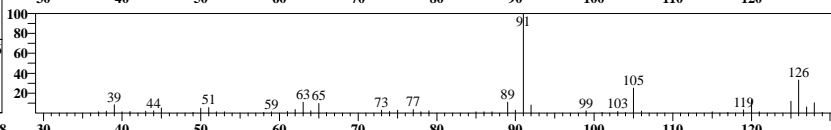
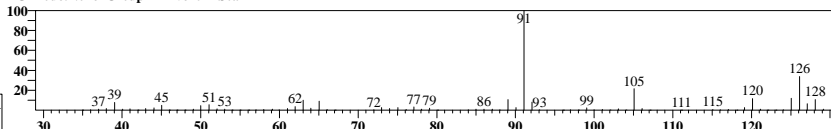
Mass:119.00 R.T:9.208 Area:277370 Conc:23.92189ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	134.00	21360	27.28	30.00
2	91.00	18727	23.91	25.00



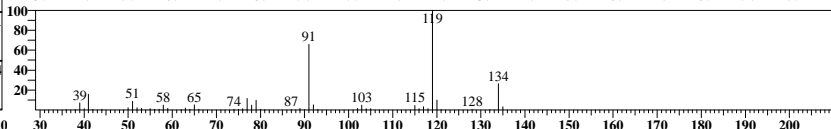
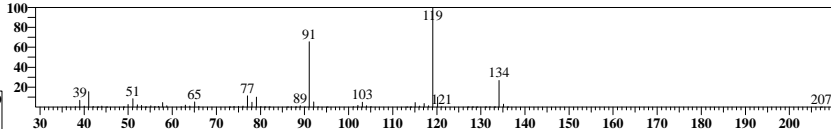
ID#:79 R.Time:8.567(Scan#:1697)

MassPeaks:80
RawMode:Averaged 8.542-8.592(1691-1703)
BG Mode:None Group 1 - Event 1 Scan



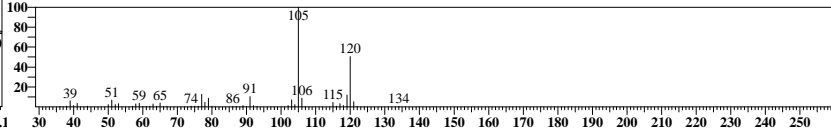
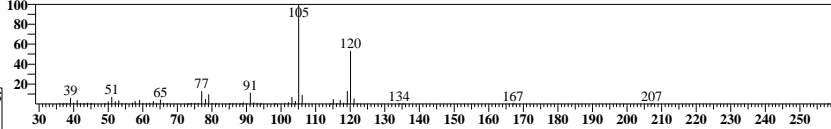
ID#:80 R.Time:8.833(Scan#:1761)

MassPeaks:68
RawMode:Averaged 8.808-8.858(1755-1767)
BG Mode:None Group 1 - Event 1 Scan



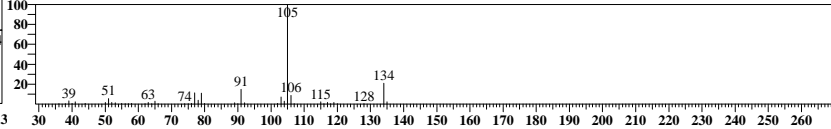
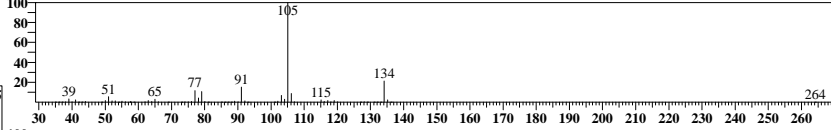
ID#:81 R.Time:8.900(Scan#:1777)

MassPeaks:69
RawMode:Averaged 8.875-8.925(1771-1783)
BG Mode:None Group 1 - Event 1 Scan



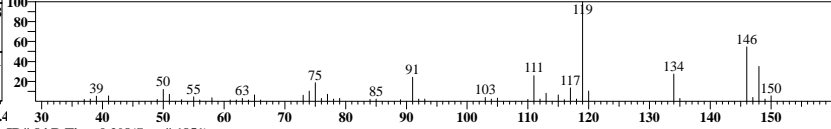
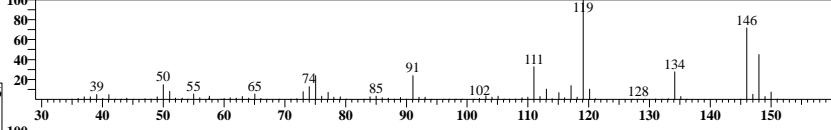
ID#:82 R.Time:9.058(Scan#:1815)

MassPeaks:68
RawMode:Averaged 9.033-9.083(1809-1821)
BG Mode:None Group 1 - Event 1 Scan



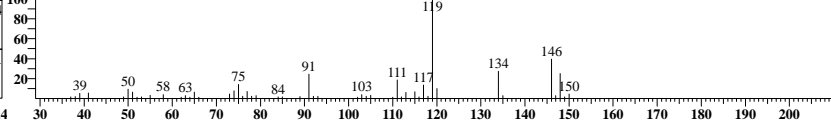
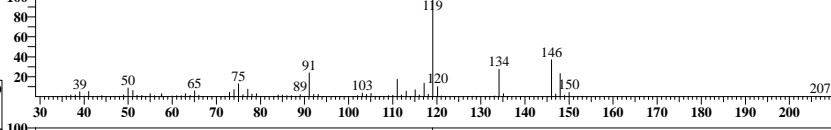
ID#:83 R.Time:9.200(Scan#:1849)

MassPeaks:96
RawMode:Averaged 9.158-9.208(1839-1851)
BG Mode:None Group 1 - Event 1 Scan



ID#:84 R.Time:9.208(Scan#:1851)

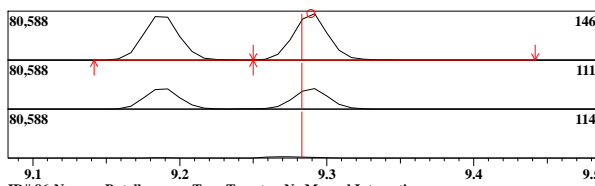
MassPeaks:99
RawMode:Averaged 9.183-9.233(1845-1857)
BG Mode:None Group 1 - Event 1 Scan



ID#:85 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.289 Area:130414 Conc:21.70878ppb

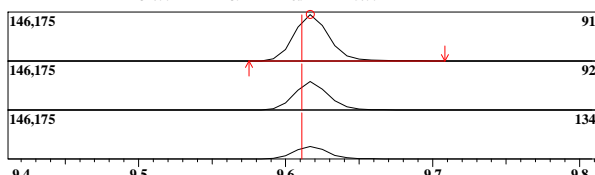
#	m/z	Area	Ratio	Reference
1	111.00	16544	45.71	44.00
2	114.00	1216	3.36	2.00



ID#:86 Name:n-Butylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:9.617 Area:232463 Conc:22.72731ppb

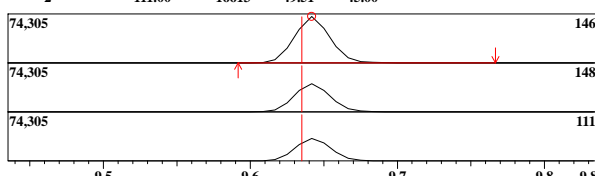
#	m/z	Area	Ratio	Reference
1	92.00	38672	59.85	60.00
2	134.00	17397	26.92	25.00



ID#:87 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.642 Area:120701 Conc:21.66732ppb

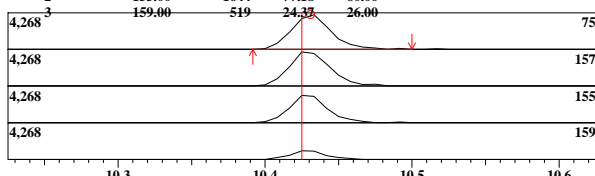
#	m/z	Area	Ratio	Reference
1	148.00	21058	62.76	60.00
2	111.00	16613	49.51	45.00



ID#:88 Name:1,2-Dibromo-3-chloropropane Type:Target No Manual Integration

Mass:75.00 R.T:10.431 Area:7797 Conc:19.50638ppb

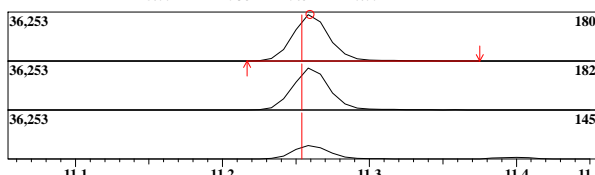
#	m/z	Area	Ratio	Reference
1	157.00	2165	101.64	80.00
2	155.00	1644	77.18	60.00
3	159.00	519	24.32	26.00



ID#:89 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.260 Area:61147 Conc:24.23958ppb

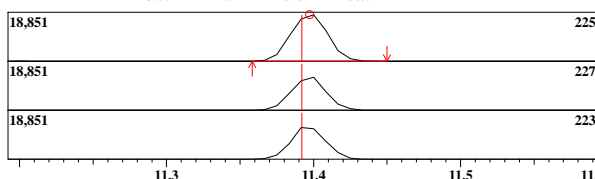
#	m/z	Area	Ratio	Reference
1	182.00	15199	91.16	90.00
2	145.00	4938	29.62	40.00



ID#:90 Name:Hexachlorobutadiene Type:Target No Manual Integration

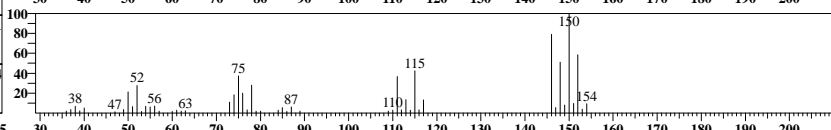
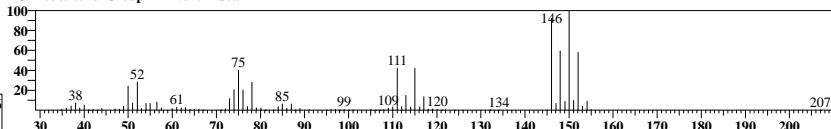
Mass:225.00 R.T:11.398 Area:32064 Conc:23.13430ppb

#	m/z	Area	Ratio	Reference
1	227.00	6084	67.11	66.00
2	223.00	5977	65.94	66.00



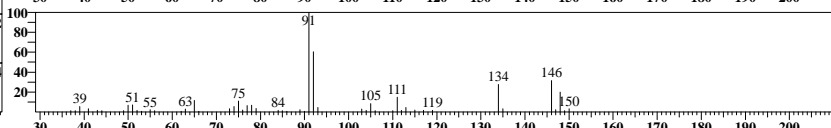
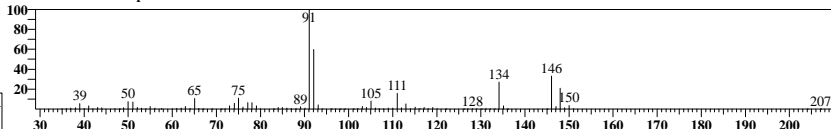
ID#:85 R.Time:9.275(Scan#:1867)

MassPeaks:88 RawMode:Averaged 9.267-9.317(1865-1877) BG Mode:None Group 1 - Event 1 Scan



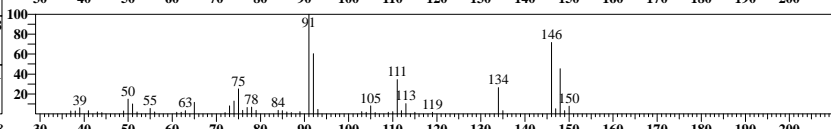
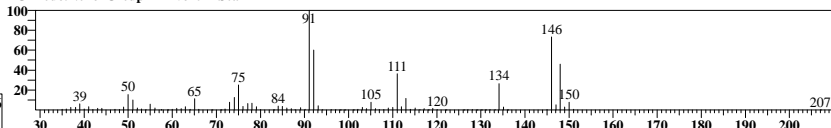
ID#:86 R.Time:9.617(Scan#:1949)

MassPeaks:98 RawMode:Averaged 9.592-9.642(1943-1955) BG Mode:None Group 1 - Event 1 Scan



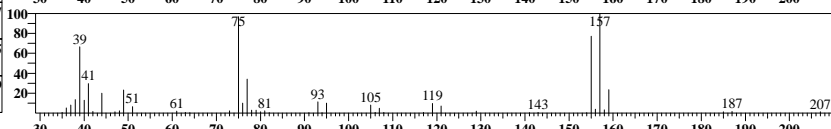
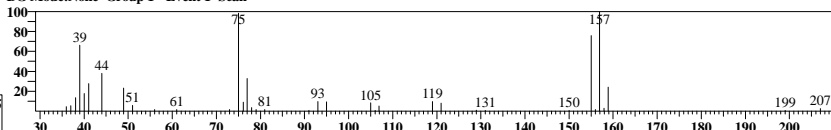
ID#:87 R.Time:9.625(Scan#:1951)

MassPeaks:97 RawMode:Averaged 9.617-9.667(1949-1961) BG Mode:None Group 1 - Event 1 Scan



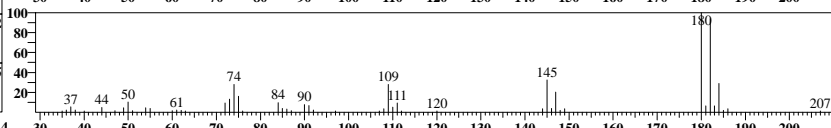
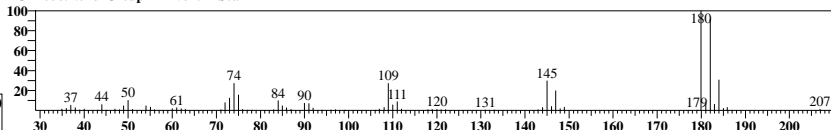
ID#:88 R.Time:10.433(Scan#:2145)

MassPeaks:36 RawMode:Averaged 10.408-10.458(2139-2151) BG Mode:None Group 1 - Event 1 Scan



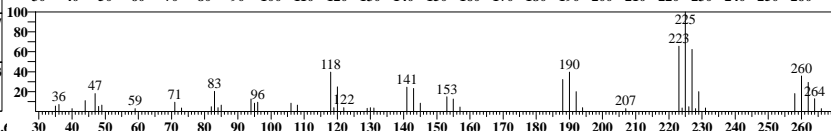
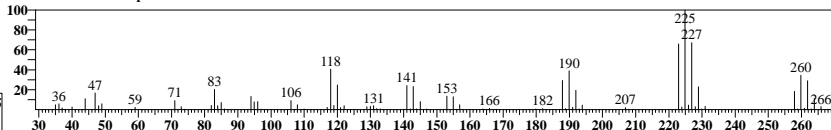
ID#:89 R.Time:11.258(Scan#:2343)

MassPeaks:71 RawMode:Averaged 11.233-11.283(2337-2349) BG Mode:None Group 1 - Event 1 Scan



ID#:90 R.Time:11.400(Scan#:2377)

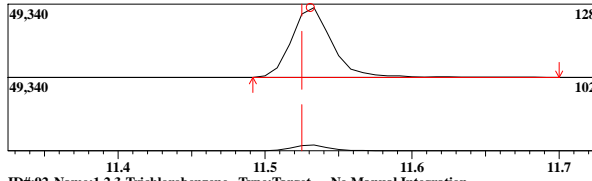
MassPeaks:86 RawMode:Averaged 11.375-11.425(2371-2383) BG Mode:None Group 1 - Event 1 Scan



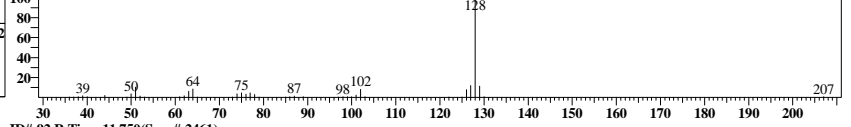
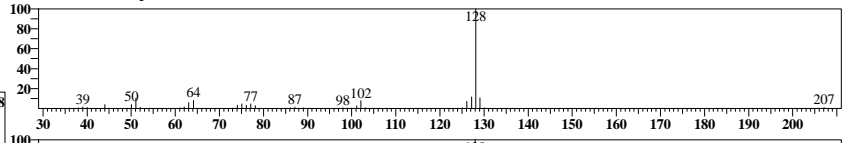
ID#:91 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:11.531 Area:91022 Conc:21.52129ppb

#	m/z	Area	Ratio	Reference
1	102.00	1899	7.80	2.00



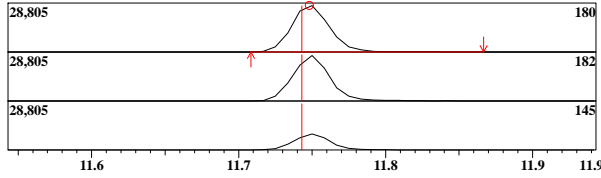
ID#:91 R.Time:11.533(Scan#:2409)
MassPeaks:42
RawMode:Averaged 11.508-11.558(2403-2415)
BG Mode:None Group 1 - Event 1 Scan



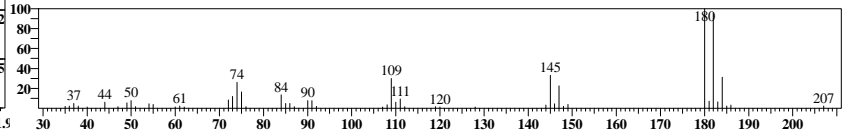
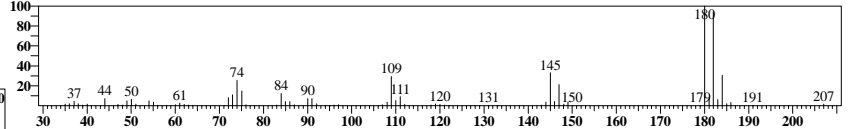
ID#:92 Name:1,2,3-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.748 Area:50743 Conc:22.70439ppb

#	m/z	Area	Ratio	Reference
1	182.00	13098	94.22	90.00
2	145.00	4606	33.13	40.00



ID#:92 R.Time:11.750(Scan#:2461)
MassPeaks:72
RawMode:Averaged 11.725-11.775(2455-2467)
BG Mode:None Group 1 - Event 1 Scan



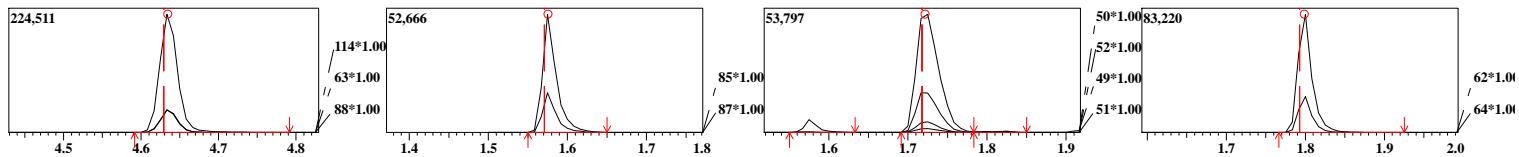
Before Manual Integrations

Analyst: ABO
Method: 8260C
Sample ID: CCV/4178676LCS/4178687LCS
Date: 1/21/2022
Time: 09:17:27
Dilution: 1

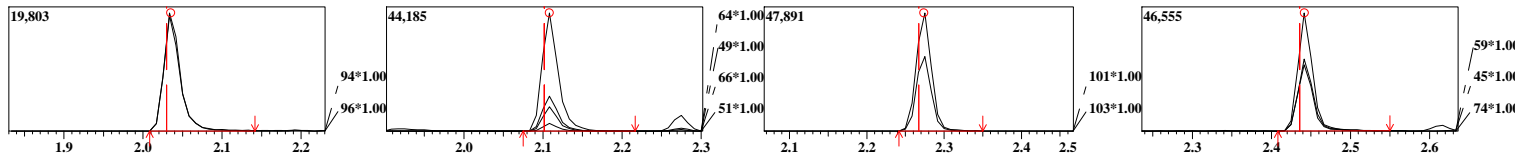
Instr: J1A Trace Number:
Batch:
Method File: C:\GCMSsolution\Data\8260-W-220110A.qgm
Sample Name: CCV/LCS

Data File: C:\GCMSsolution\Data\220121A003.qgd

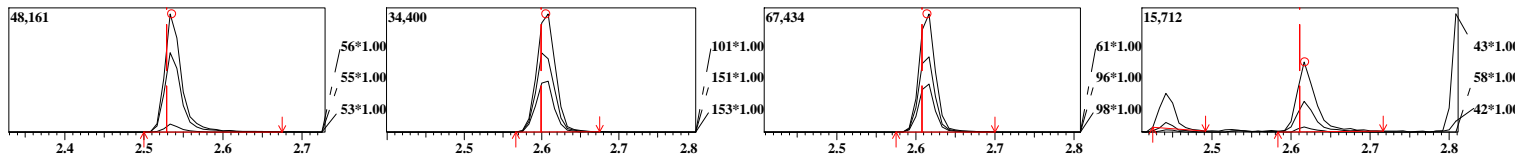
ID#:1 Mass:114.00 R.T:4.635 Area:348312 Conc:50.00000ppm	Name:1,4-Difluorobenzene (IS) Type:ISTD	ID#:2 Mass:85.00 R.T:1.576 Area:61154 Conc:17.43326ppm	Name:Dichlorodifluoromethane Type:Target	ID#:3 Mass:50.00 R.T:1.722 Area:102875 Conc:17.86821ppm	Name:Chloromethane Type:Target	ID#:4 Mass:62.00 R.T:1.799 Area:99374 Conc:20.24457ppm	Name:Vinyl Chloride Type:Target
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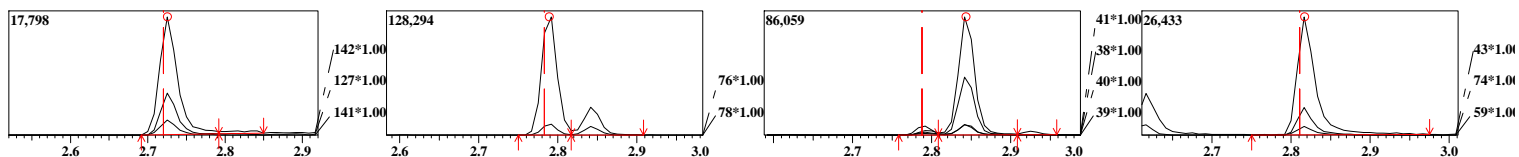
ID#:5 Mass:94.00 R.T:2.035 Area:27784 Conc:18.64601ppm	Name:Bromomethane Type:Target	ID#:6 Mass:64.00 R.T:2.108 Area:60405 Conc:21.16820ppm	Name:Chloroethane Type:Target	ID#:7 Mass:101.00 R.T:2.274 Area:63134 Conc:20.46973ppm	Name:Trichlorofluoromethane Type:Target	ID#:8 Mass:59.00 R.T:2.442 Area:57754 Conc:20.86513ppm	Name:Diethyl Ether Type:Target
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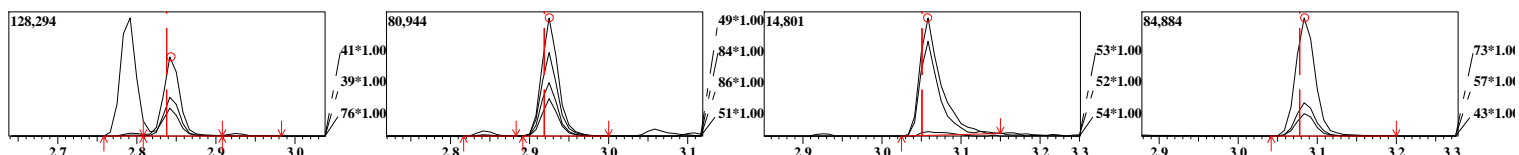
ID#:9 Mass:56.00 R.T:2.535 Area:69525 Conc:386.28801ppm	Name:Acrolein Type:Target	ID#:10 Mass:101.00 R.T:2.606 Area:55637 Conc:19.93295ppm	Name:1,1,2-Trichlorotrifluoroethane Type:Target	ID#:11 Mass:61.00 R.T:2.614 Area:93794 Conc:20.67690ppm	Name:1,1-Dichloroethene Type:Target	ID#:12 Mass:43.00 R.T:2.617 Area:14511 Conc:17.88470ppm	Name:Acetone Type:Target
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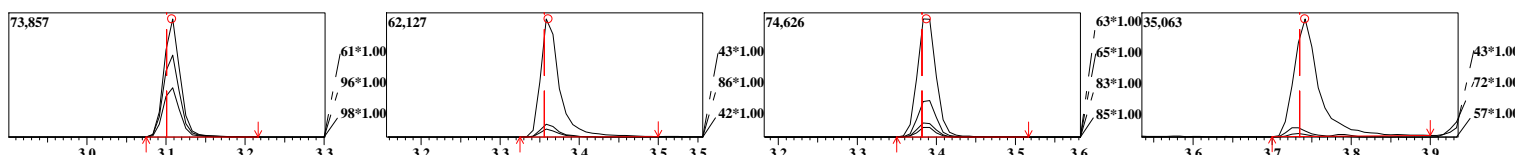
ID#:13 Mass:142.00 R.T:2.725 Area:27423 Conc:15.94094ppm	Name:Idomethane Type:Target	ID#:14 Mass:76.00 R.T:2.789 Area:172346 Conc:19.27730ppm	Name:Carbon Disulfide Type:Target	ID#:15 Mass:41.00 R.T:2.844 Area:118363 Conc:370.85989ppm	Name:Acetonitrile Type:Target	ID#:16 Mass:43.00 R.T:2.817 Area:41049 Conc:17.36280ppm	Name:Methyl Acetate Type:Target
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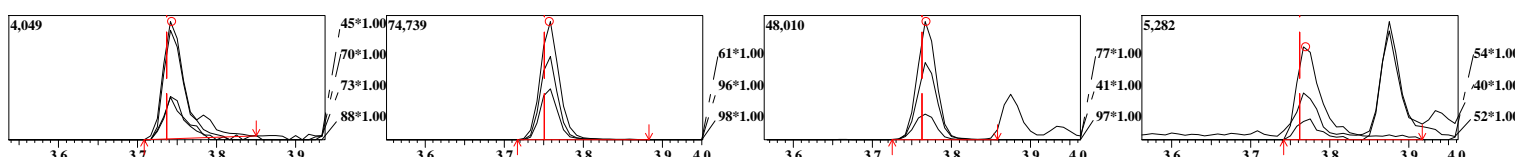
ID#:17 Mass:41.00 R.T:2.844 Area:118903 Conc:19.81920ppm	Name:Allyl Chloride(3-Chloroprene) Type:Target	ID#:18 Mass:49.00 R.T:2.925 Area:112838 Conc:19.19046ppm	Name:Methylene Chloride Type:Target	ID#:19 Mass:53.00 R.T:3.058 Area:25984 Conc:19.96392ppm	Name:Acrylonitrile Type:Target	ID#:20 Mass:73.00 R.T:3.084 Area:140678 Conc:20.76122ppm	Name:MTBE Type:Target
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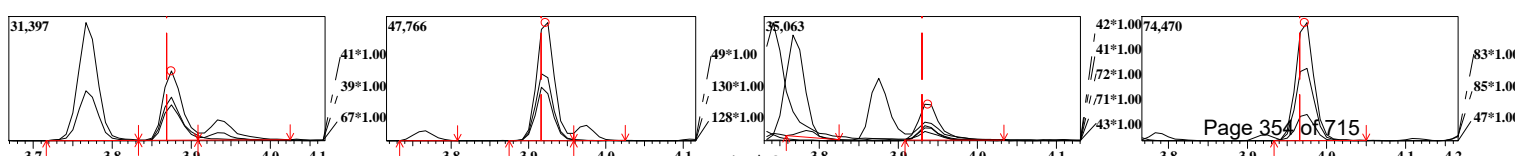
ID#:21 Mass:61.00 R.T:3.107 Area:101296 Conc:20.87214ppm	Name:trans-1,2-Dichloroethene Type:Target	ID#:22 Mass:43.00 R.T:3.361 Area:99105 Conc:23.65821ppm	Name:Vinyl Acetate Type:Target	ID#:23 Mass:63.00 R.T:3.387 Area:119615 Conc:20.59607ppm	Name:1,1-Dichloroethane Type:Target	ID#:24 Mass:43.00 R.T:3.741 Area:72580 Conc:17.81881ppm	Name:2-Butanone(MEK) Type:Target
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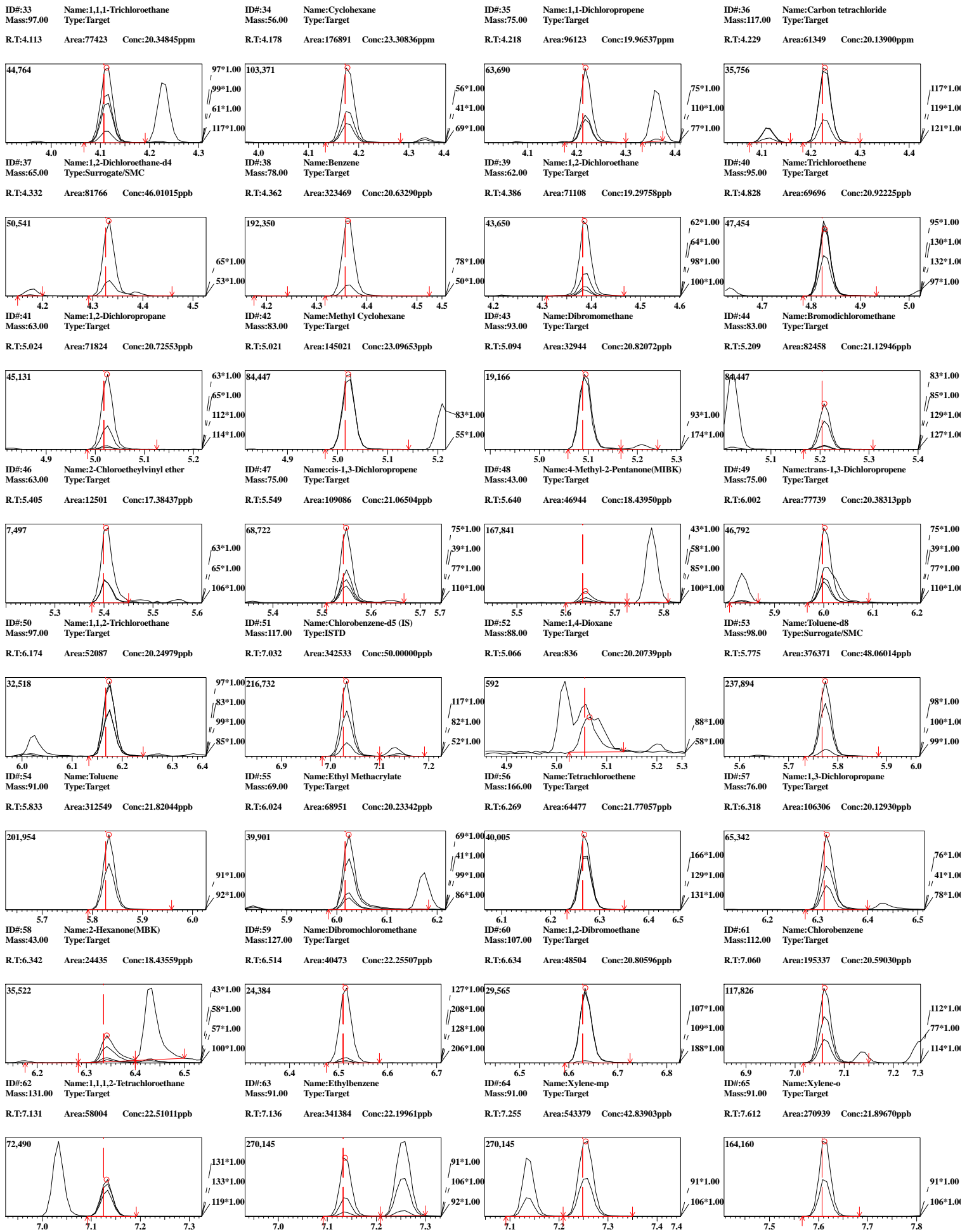


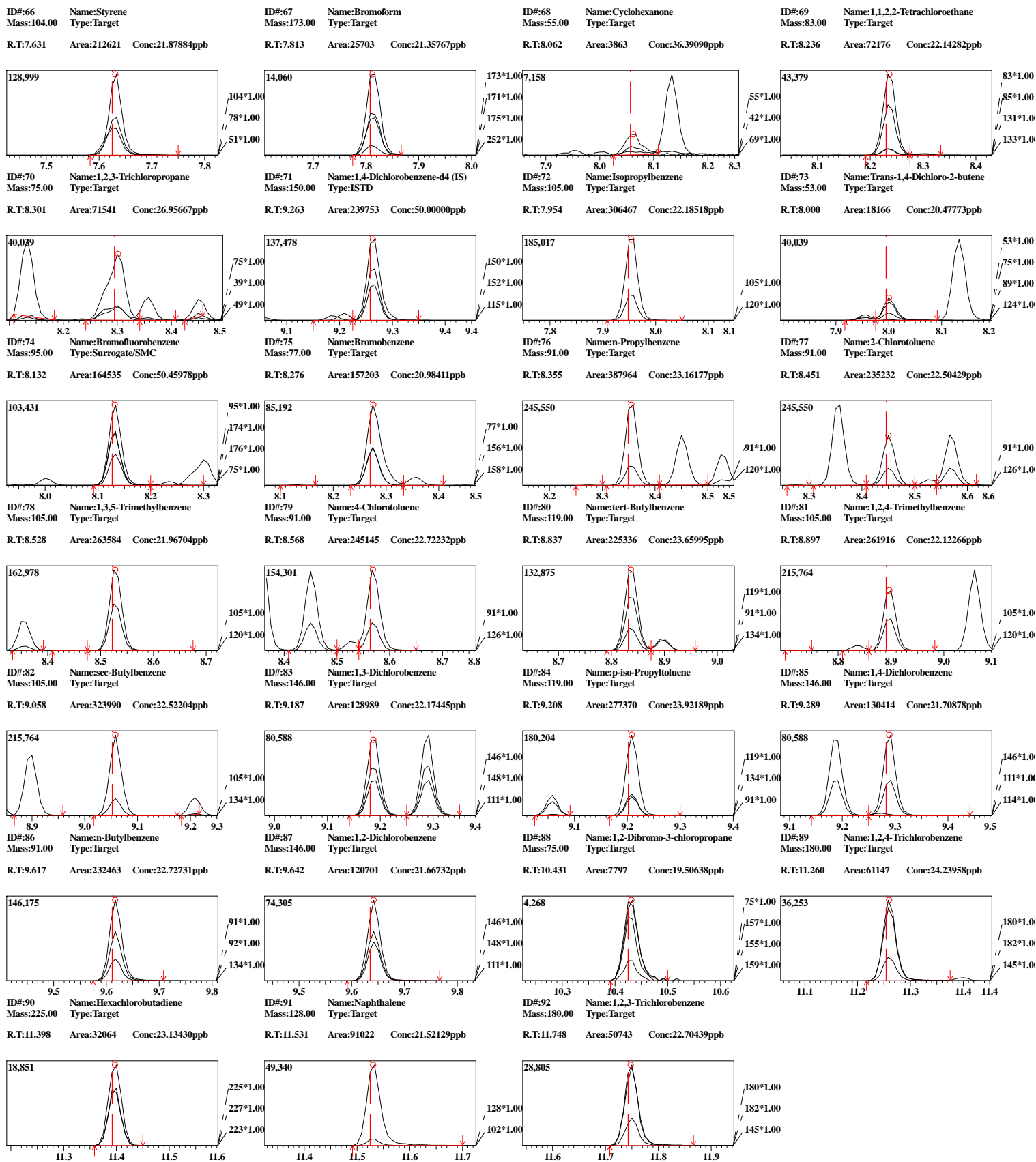
ID#:25 Mass:45.00 R.T:3.743 Area:7865 Conc:16.92473ppm	Name:Ethyl Acetate Type:Target	ID#:26 Mass:61.00 R.T:3.757 Area:119658 Conc:21.21619ppm	Name:cis-1,2-Dichloroethene Type:Target	ID#:27 Mass:77.00 R.T:3.768 Area:77338 Conc:21.56151ppm	Name:2,2-Dichloropropane Type:Target	ID#:28 Mass:54.00 R.T:3.770 Area:9333 Conc:22.44810ppm	Name:Propionitrile(Ethyl cyanide) Type:Target
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ID#:29 Mass:41.00 R.T:3.875 Area:30043 Conc:19.00261ppm	Name:Methacrylonitrile Type:Target	ID#:30 Mass:49.00 R.T:3.922 Area:74901 Conc:19.88409ppm	Name:Bromochloromethane Type:Target	ID#:31 Mass:42.00 R.T:3.937 Area:19490 Conc:16.23317ppm	Name:Tetrahydrofuran Type:Target	ID#:32 Mass:83.00 R.T:3.972 Area:115284 Conc:20.98818ppm	Name:Chloroform Type:Target
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Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report FORM 7 SW-846 8260C

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID: ENDCCV

Lab File ID: 220121A031.qgd

Calibration Date/Time: 1/21/2022 20:40

Instrument ID: J1A

Parameter	Spike Added	CCV Result	CCV %D	Q	QC Limits % D
Benzene	20.0	22.6	13		50
1,2-Dichloroethane-d4	50.0	45.9	8.1		50
Bromofluorobenzene	50.0	50.1	0.20		50
Toluene-d8	50.0	48.7	2.6		50

Analyst: AS Instrument: J1A Trace Number: VOC-B012-F29X
 Method: 8260C Batch:
 Sample ID: ENDCCV Data File: C:\GCMSsolution\Data\220121A031.qgd
 Date: 1/21/2022 Method File: C:\GCMSsolution\Data\8260-W-220110A.qgm
 Time: 20:40:33 Sample Name: ENDCCV
 Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.63	320359	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.03	319792	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.26	237707	50.00

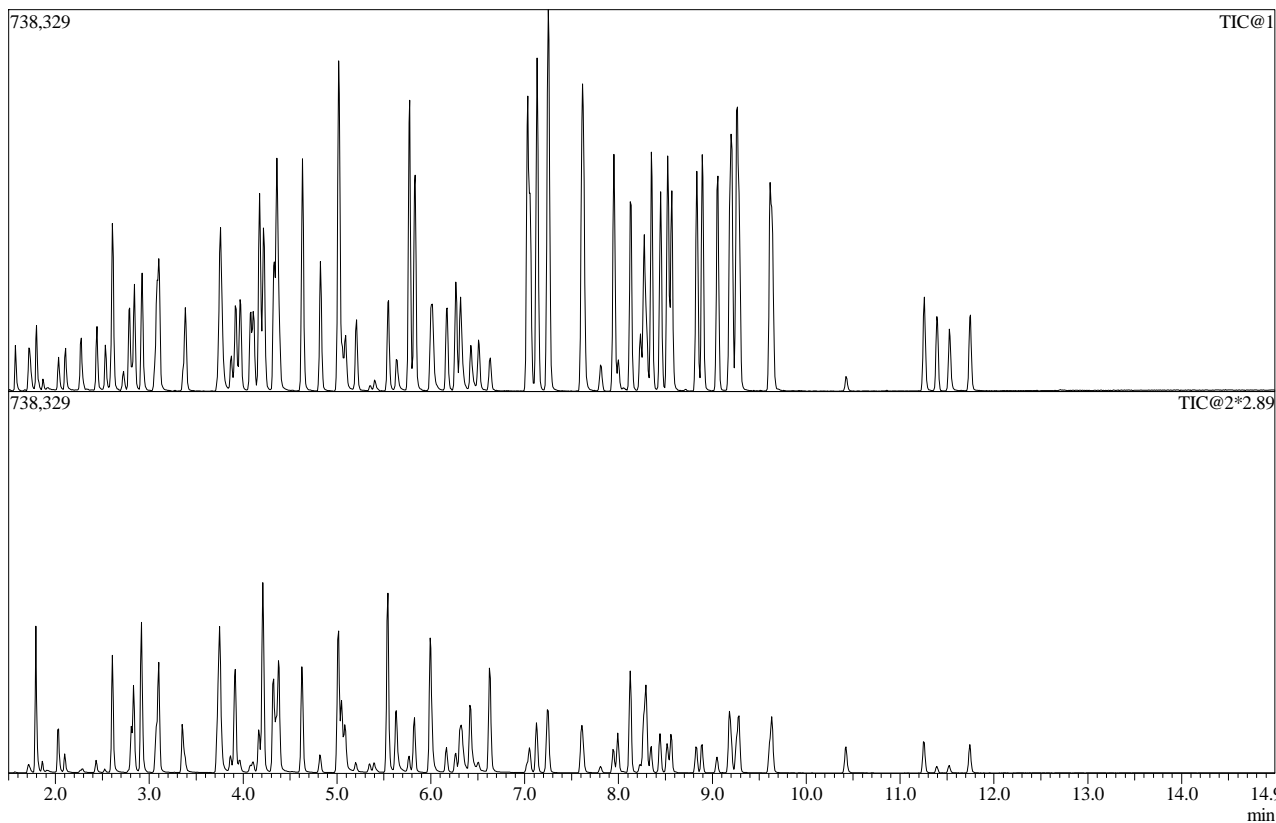
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.33	75088	45.94
53	Toluene-d8	98.00	5.77	356012	48.69
74	Bromofluorobenzene	95.00	8.13	161920	50.09

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	1.58	59446	18.43
3	Chloromethane	50.00	1.72	105250	19.88
4	Vinyl Chloride	62.00	1.80	100956	22.36
5	Bromomethane	94.00	2.03	34724	25.34
6	Chloroethane	64.00	2.11	60620	23.10
7	Trichlorofluoromethane	101.00	2.27	62797	22.14
8	Diethyl Ether	59.00	2.44	57956	22.77
9	Acrolein	56.00	2.53	63090	381.12
10	1,1,2-Trichlorotrifluoroethane	101.00	2.60	55449	21.60
11	1,1-Dichloroethene	61.00	2.61	94725	22.70
12	Acetone	43.00	2.62	18018	24.38
13	Idomethane	142.00	2.72	39953	24.39
14	Carbon Disulfide	76.00	2.79	173677	21.12
15	Acetonitrile	41.00	2.79	6396	20.99
16	Methyl Acetate	43.00	2.82	40536	18.64
17	Allyl Chloride(3-Chloroprene)	41.00	2.84	114957	20.83
18	Methylene Chloride	49.00	2.92	115183	21.36
19	Acrylonitrile	53.00	3.06	28060	23.44
20	MTBE	73.00	3.08	141074	22.64
21	trans-1,2-Dichloroethene	61.00	3.10	102770	23.02
22	Vinyl Acetate	43.00	3.36	48634	12.62
23	1,1-Dichloroethane	63.00	3.38	120370	22.53
24	2-Butanone(MEK)	43.00	3.74	74701	19.94
25	Ethyl Acetate	45.00	3.74	8878	20.53
26	cis-1,2-Dichloroethene	61.00	3.76	118348	22.81
27	2,2-Dichloropropane	77.00	3.77	61156	18.54
28	Propionitrile(Ethyl cyanide)	54.00	3.77	9807	25.57
29	Methacrylonitrile	41.00	3.87	30626	21.06
30	Bromochloromethane	49.00	3.92	76280	22.02
31	Tetrahydrofuran	42.00	3.94	19836	18.67
32	Chloroform	83.00	3.97	115966	22.95
33	1,1,1-Trichloroethane	97.00	4.11	76005	21.72
34	Cyclohexane	56.00	4.18	176077	25.23
35	1,1-Dichloropropene	75.00	4.22	97029	21.91
36	Carbon tetrachloride	117.00	4.23	61479	21.94
38	Benzene	78.00	4.36	326482	22.64
39	1,2-Dichloroethane	62.00	4.39	69882	20.62
40	Trichloroethene	95.00	4.83	72310	23.60
41	1,2-Dichloropropane	63.00	5.02	73504	23.06
42	Methyl Cyclohexane	83.00	5.02	136444	23.63
43	Dibromomethane	93.00	5.09	33973	23.34
44	Bromodichloromethane	83.00	5.21	83170	23.17
45	2-Nitropropane	43.00	5.35	7708	20.32
46	2-Chloroethylvinyl ether	63.00	5.40	8844	13.94
47	cis-1,3-Dichloropropene	75.00	5.55	105446	22.14
48	4-Methyl-2-Pentanone(MIBK)	43.00	5.64	49684	21.22
49	trans-1,3-Dichloropropene	75.00	6.00	77707	22.15
50	1,1,2-Trichloroethane	97.00	6.17	52718	22.28
52	1,4-Dioxane	88.00	5.06	853	22.08
54	Toluene	91.00	5.83	302012	22.58
55	Ethyl Methacrylate	69.00	6.02	69837	21.90

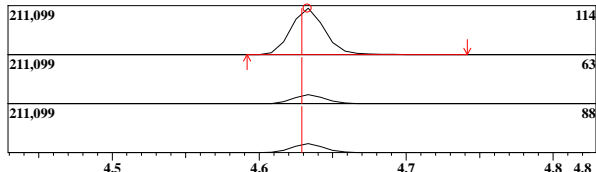
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	6.27	61959	22.41
57	1,3-Dichloropropane	76.00	6.32	106915	21.68
58	2-Hexanone(MBK)	43.00	6.34	25454	20.28
59	Dibromochloromethane	127.00	6.51	40083	23.61
60	1,2-Dibromoethane	107.00	6.63	48832	22.44
61	Chlorobenzene	112.00	7.06	191696	21.64
62	1,1,1,2-Tetrachloroethane	131.00	7.13	56042	23.30
63	Ethylbenzene	91.00	7.13	337388	23.50
64	Xylene-mp	91.00	7.25	549944	46.44
65	Xylene-o	91.00	7.61	279172	24.17
66	Styrene	104.00	7.63	214201	23.61
67	Bromoform	173.00	7.81	25699	22.87
68	Cyclohexanone	55.00	8.05	4279	42.25
69	1,1,2,2-Tetrachloroethane	83.00	8.23	63706	20.93
70	1,2,3-Trichloropropane	75.00	8.30	49271	19.70
72	Isopropylbenzene	105.00	7.95	307928	22.48
73	Trans-1,4-Dichloro-2-butene	53.00	8.00	15877	18.10
75	Bromobenzene	77.00	8.27	157561	21.21
76	n-Propylbenzene	91.00	8.35	383951	23.12
77	2-Chlorotoluene	91.00	8.45	236593	22.83
78	1,3,5-Trimethylbenzene	105.00	8.53	266517	22.40
79	4-Chlorotoluene	91.00	8.57	271566	25.39
80	tert-Butylbenzene	119.00	8.83	229303	24.28
81	1,2,4-Trimethylbenzene	105.00	8.89	269628	22.97
82	sec-Butylbenzene	105.00	9.06	322397	22.60
83	1,3-Dichlorobenzene	146.00	9.18	130898	22.70
84	p-iso-Propyltoluene	119.00	9.21	279028	24.27
85	1,4-Dichlorobenzene	146.00	9.29	132957	22.32
86	n-Butylbenzene	91.00	9.61	229553	22.64
87	1,2-Dichlorobenzene	146.00	9.64	125312	22.69
88	1,2-Dibromo-3-chloropropane	75.00	10.43	8660	21.85
89	1,2,4-Trichlorobenzene	180.00	11.26	63840	25.45
90	Hexachlorobutadiene	225.00	11.39	32747	23.83
91	Naphthalene	128.00	11.53	112019	25.50
92	1,2,3-Trichlorobenzene	180.00	11.75	54850	24.56



ID#1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

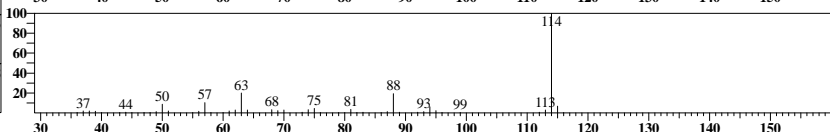
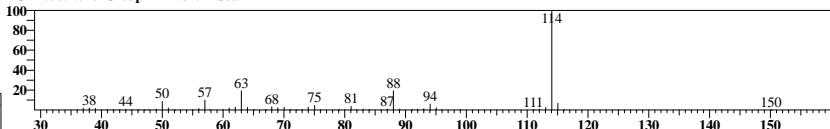
Mass:114.00 R.T:4.633 Area:320359 Conc:50.00000ppm

#	m/z	Area	Ratio	Reference
1	63.00	17260	19.28	23.00
2	88.00	17242	19.26	20.00



ID#1 R.Time:4.633(Scan#:753)

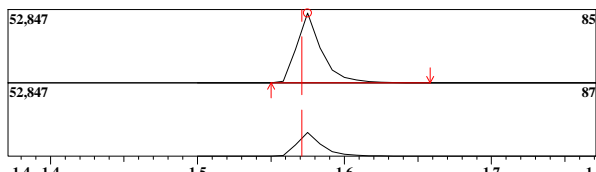
MassPeaks:61
RawMode:Averaged 4.608-4.658(747-759)
BG Mode:None Group 1 - Event 1 Scan



ID#2 Name:Dichlorodifluoromethane Type:Target No Manual Integration

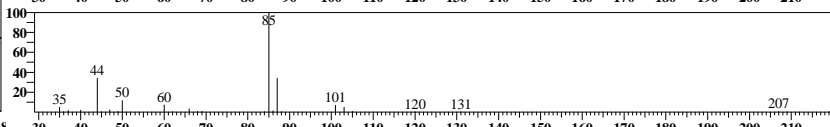
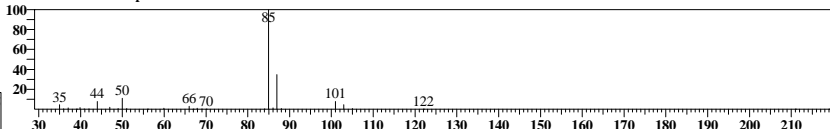
Mass:85.00 R.T:1.575 Area:59446 Conc:18.42502ppm

#	m/z	Area	Ratio	Reference
1	87.00	5670	34.66	33.00



ID#2 R.Time:1.575(Scan#:19)

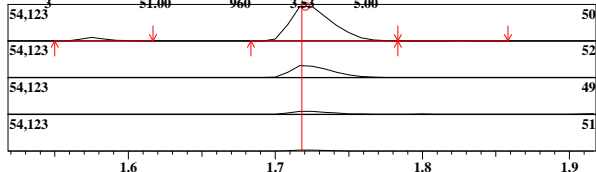
MassPeaks:30
RawMode:Averaged 1.550-1.600(13-25)
BG Mode:None Group 1 - Event 1 Scan



ID#3 Name:Chloromethane Type:Target No Manual Integration

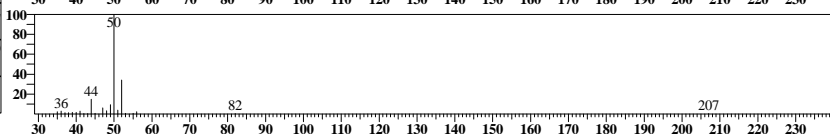
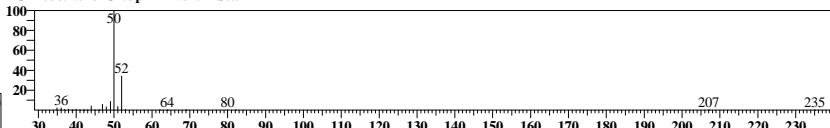
Mass:50.00 R.T:1.721 Area:105250 Conc:19.87581ppm

#	m/z	Area	Ratio	Reference
1	52.00	9238	33.93	30.00
2	49.00	2379	8.74	10.00
3	51.00	960	3.53	5.00



ID#3 R.Time:1.717(Scan#:53)

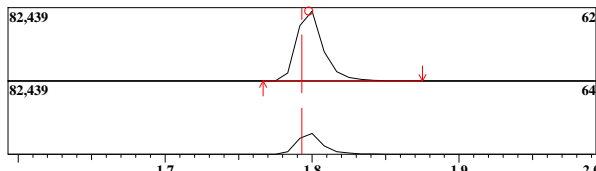
MassPeaks:26
RawMode:Averaged 1.692-1.742(47-59)
BG Mode:None Group 1 - Event 1 Scan



ID#4 Name:Vinyl Chloride Type:Target No Manual Integration

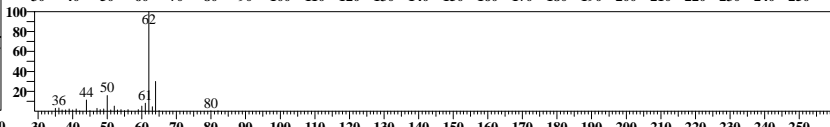
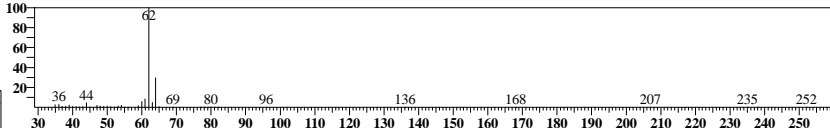
Mass:62.00 R.T:1.798 Area:100956 Conc:22.36142ppm

#	m/z	Area	Ratio	Reference
1	64.00	8368	29.55	31.00



ID#4 R.Time:1.800(Scan#:73)

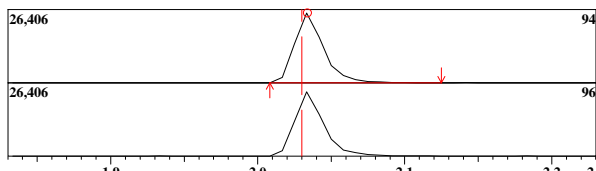
MassPeaks:42
RawMode:Averaged 1.775-1.825(67-79)
BG Mode:None Group 1 - Event 1 Scan



ID#5 Name:Bromomethane Type:Target No Manual Integration

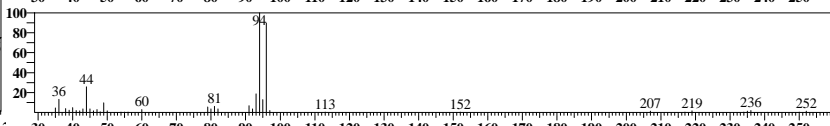
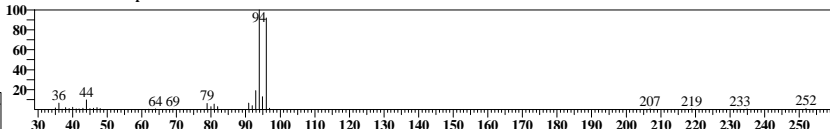
Mass:94.00 R.T:2.034 Area:34724 Conc:25.33684ppm

#	m/z	Area	Ratio	Reference
1	96.00	8794	92.06	95.00



ID#5 R.Time:2.033(Scan#:129)

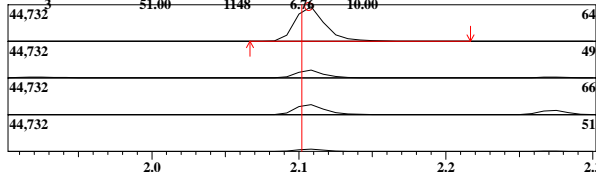
MassPeaks:35
RawMode:Averaged 2.008-2.058(123-135)
BG Mode:None Group 1 - Event 1 Scan



ID#6 Name:Chloroethane Type:Target No Manual Integration

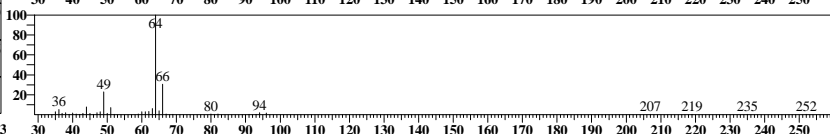
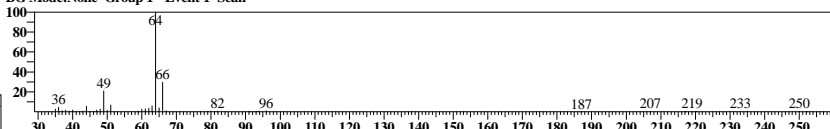
Mass:64.00 R.T:2.107 Area:60620 Conc:23.09715ppm

#	m/z	Area	Ratio	Reference
1	49.00	3546	20.89	25.00
2	66.00	5036	29.66	31.00
3	51.00	1148	6.76	10.00



ID#6 R.Time:2.108(Scan#:147)

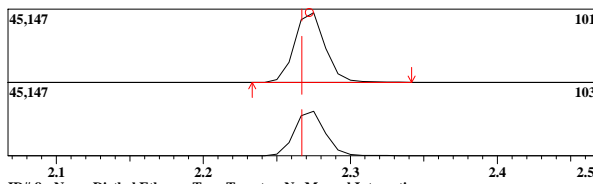
MassPeaks:44
RawMode:Averaged 2.083-2.133(141-153)
BG Mode:None Group 1 - Event 1 Scan



ID#:7 Name:Trichlorofluoromethane Type:Target No Manual Integration

Mass:101.00 R.T:2.272 Area:62797 Conc:22.13702ppm

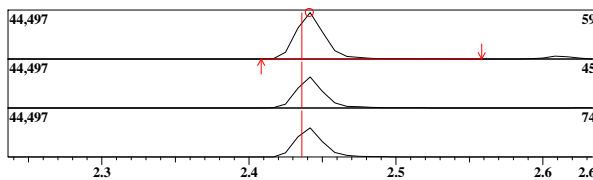
#	m/z	Area	Ratio	Reference
1	103.00	11394	64.45	57.00



ID#:8 Name:Diethyl Ether Type:Target No Manual Integration

Mass:59.00 R.T:2.441 Area:57956 Conc:22.76507ppm

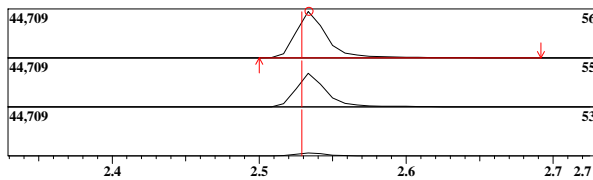
#	m/z	Area	Ratio	Reference
1	45.00	10307	64.42	80.00
2	74.00	9868	61.67	68.00



ID#:9 Name:Acrolein Type:Target No Manual Integration

Mass:56.00 R.T:2.534 Area:63090 Conc:381.12046ppm

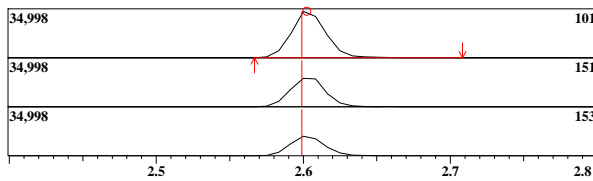
#	m/z	Area	Ratio	Reference
1	55.00	11872	71.14	70.00
2	53.00	1125	6.74	5.00



ID#:10 Name:1,1,2-Trichlorotrifluoroethane Type:Target No Manual Integration

Mass:101.00 R.T:2.603 Area:55449 Conc:21.59897ppm

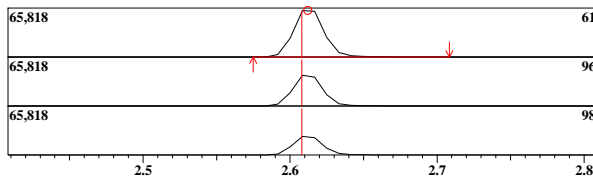
#	m/z	Area	Ratio	Reference
1	151.00	9987	65.14	60.00
2	153.00	6585	42.95	40.00



ID#:11 Name:1,1-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:2.612 Area:94725 Conc:22.70421ppm

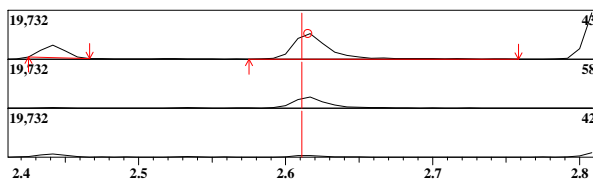
#	m/z	Area	Ratio	Reference
1	96.00	17163	64.74	60.00
2	98.00	10293	38.83	36.00



ID#:12 Name:Acetone Type:Target No Manual Integration

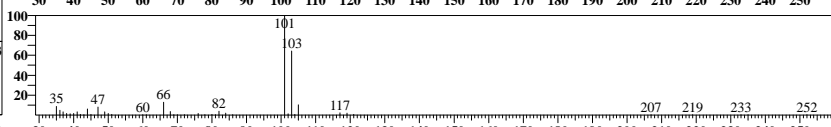
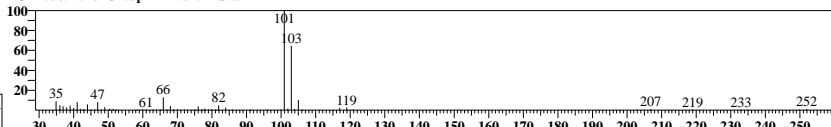
Mass:43.00 R.T:2.615 Area:18018 Conc:24.37906ppm

#	m/z	Area	Ratio	Reference
1	58.00	2001	43.21	30.00
2	42.00	367	7.92	10.00



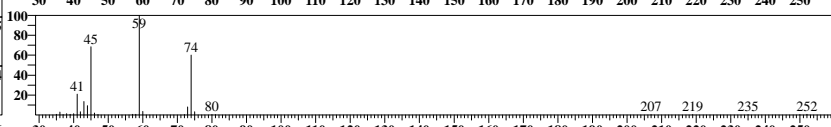
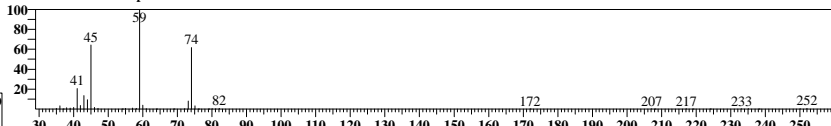
ID#:7 R.Time:2.275(Scan#:187)

MassPeaks:59
RawMode:Averaged 2.250-2.300(181-193)
BG Mode:None Group 1 - Event 1 Scan



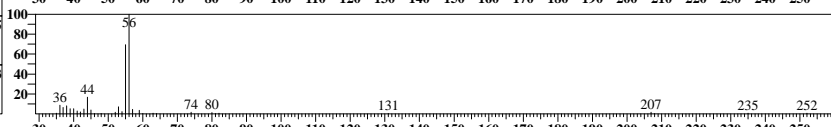
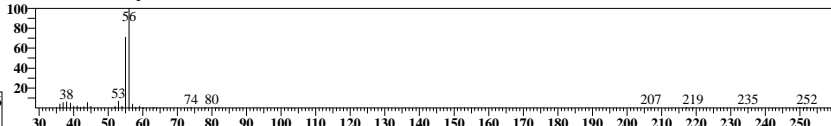
ID#:8 R.Time:2.442(Scan#:227)

MassPeaks:42
RawMode:Averaged 2.417-2.467(221-233)
BG Mode:None Group 1 - Event 1 Scan



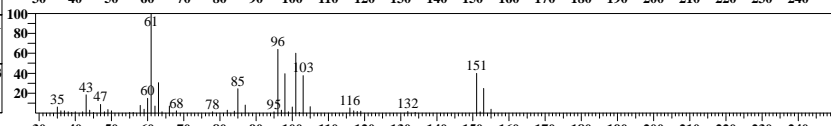
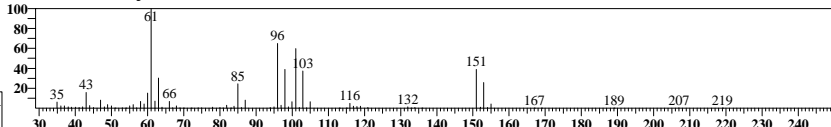
ID#:9 R.Time:2.533(Scan#:249)

MassPeaks:34
RawMode:Averaged 2.508-2.558(243-255)
BG Mode:None Group 1 - Event 1 Scan



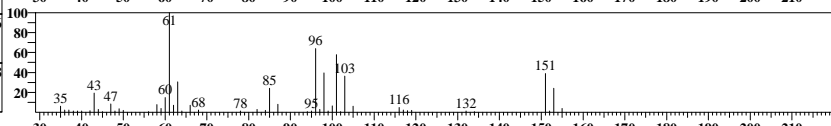
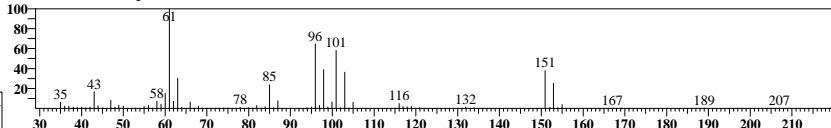
ID#:10 R.Time:2.608(Scan#:267)

MassPeaks:79
RawMode:Averaged 2.575-2.625(259-271)
BG Mode:None Group 1 - Event 1 Scan



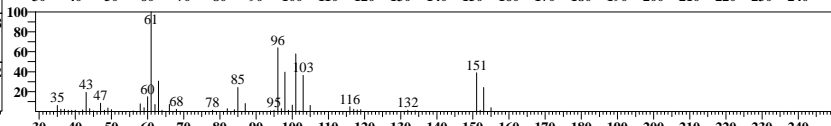
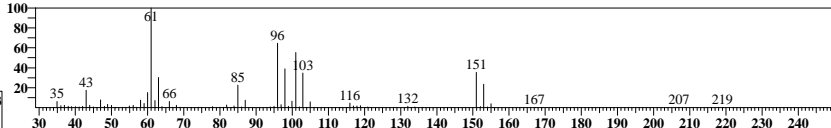
ID#:11 R.Time:2.608(Scan#:267)

MassPeaks:77
RawMode:Averaged 2.583-2.633(261-273)
BG Mode:None Group 1 - Event 1 Scan



ID#:12 R.Time:2.608(Scan#:267)

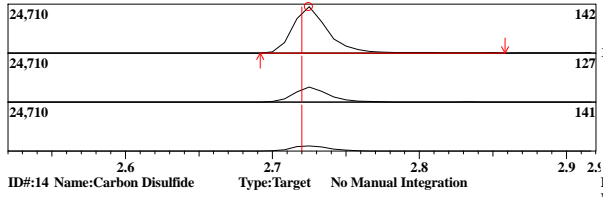
MassPeaks:77
RawMode:Averaged 2.592-2.642(263-275)
BG Mode:None Group 1 - Event 1 Scan



ID#:13 Name:Idomethane Type:Target No Manual Integration

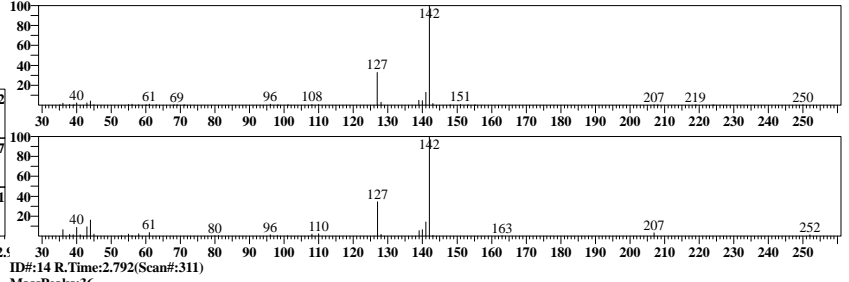
Mass:142.00 R.T:2.724 Area:39953 Conc:24.39066ppm

#	m/z	Area	Ratio	Reference
1	127.00	3469	32.66	35.00
2	141.00	1381	13.00	13.00



ID#:13 R.Time:2.725(Scan#:295)

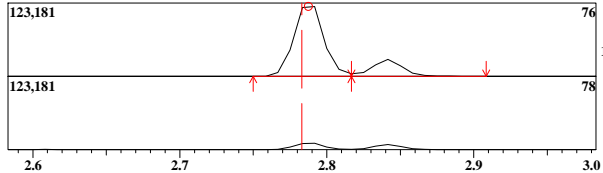
MassPeaks:38
RawMode:Averaged 2.700-2.750(289-301)
BG Mode:None Group 1 - Event 1 Scan



ID#:14 Name:Carbon Disulfide Type:Target No Manual Integration

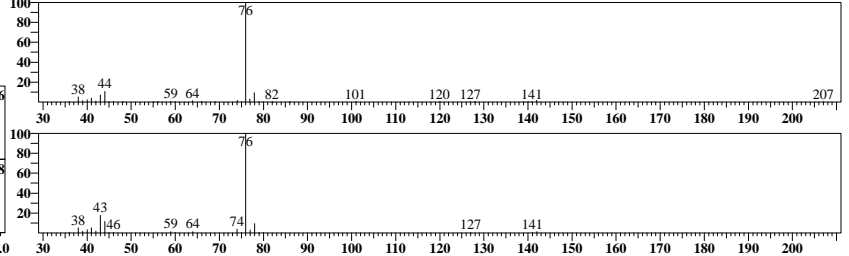
Mass:76.00 R.T:2.788 Area:173677 Conc:21.12122ppm

#	m/z	Area	Ratio	Reference
1	78.00	4631	9.43	9.00



ID#:14 R.Time:2.792(Scan#:311)

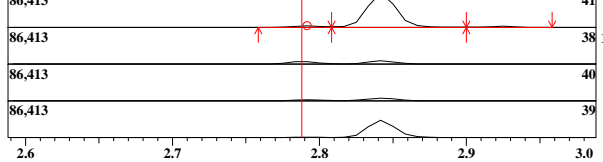
MassPeaks:36
RawMode:Averaged 2.758-2.808(303-315)
BG Mode:None Group 1 - Event 1 Scan



ID#:15 Name:Acetonitrile Type:Target No Manual Integration

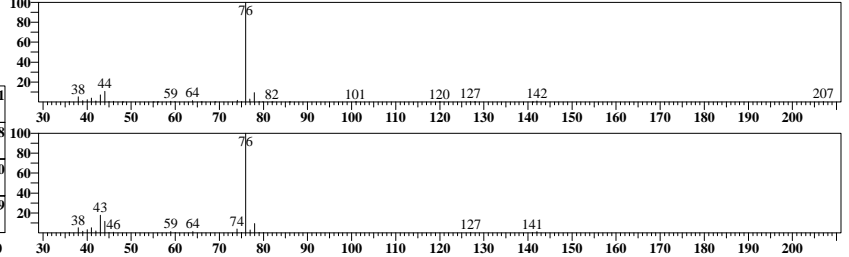
Mass:41.00 R.T:2.792 Area:6396 Conc:20.98642ppm

#	m/z	Area	Ratio	Reference
1	38.00	3014	* 139.28	40.00
2	40.00	1310	60.54	20.00
3	39.00	703	32.49	15.00



ID#:15 R.Time:2.792(Scan#:311)

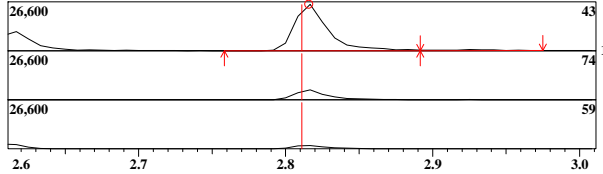
MassPeaks:34
RawMode:Averaged 2.767-2.808(305-315)
BG Mode:None Group 1 - Event 1 Scan



ID#:16 Name:Methyl Acetate Type:Target No Manual Integration

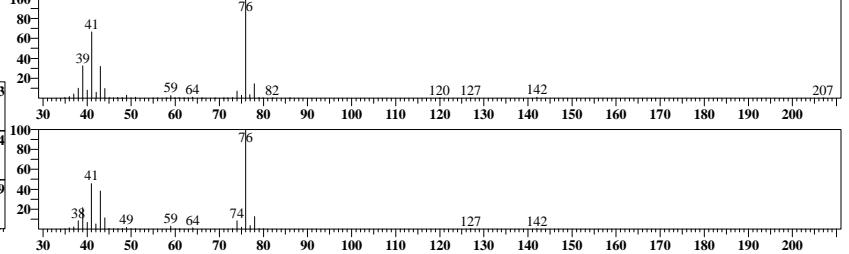
Mass:43.00 R.T:2.816 Area:40536 Conc:18.64187ppm

#	m/z	Area	Ratio	Reference
1	74.00	2340	21.91	40.00
2	59.00	863	8.08	20.00



ID#:16 R.Time:2.833(Scan#:321)

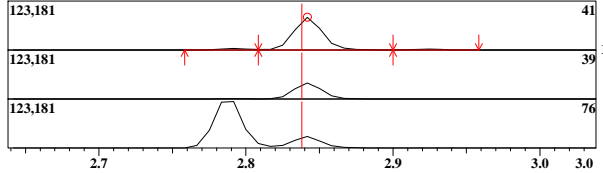
MassPeaks:44
RawMode:Averaged 2.792-2.842(311-323)
BG Mode:None Group 1 - Event 1 Scan



ID#:17 Name:Allyl Chloride(3-Chloroprene) Type:Target No Manual Integration

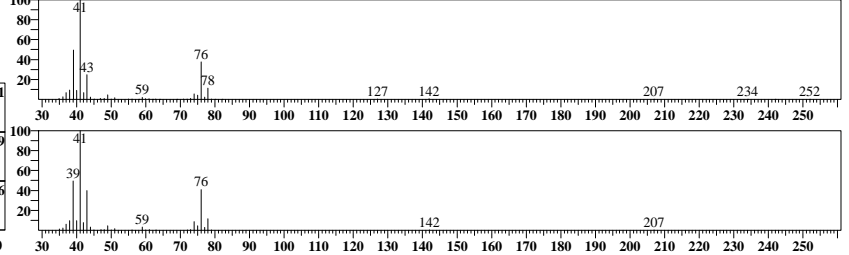
Mass:41.00 R.T:2.842 Area:114957 Conc:20.83340ppm

#	m/z	Area	Ratio	Reference
1	39.00	15958	49.40	40.00
2	76.00	12157	37.63	5.00



ID#:17 R.Time:2.842(Scan#:323)

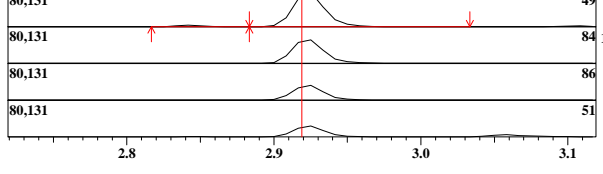
MassPeaks:43
RawMode:Averaged 2.817-2.867(317-329)
BG Mode:None Group 1 - Event 1 Scan



ID#:18 Name:Methylene Chloride Type:Target No Manual Integration

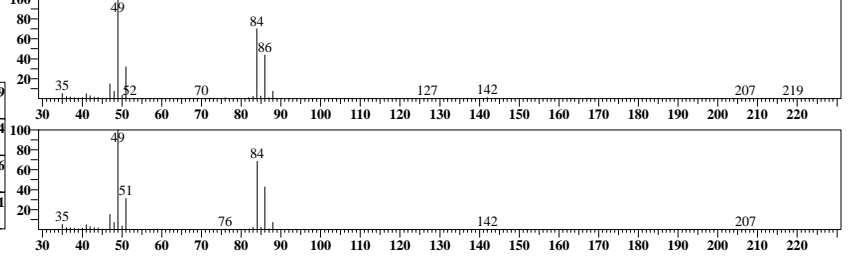
Mass:49.00 R.T:2.923 Area:115183 Conc:21.36473ppm

#	m/z	Area	Ratio	Reference
1	84.00	22595	70.13	64.00
2	86.00	14062	43.65	40.00
3	51.00	10227	31.74	30.00



ID#:18 R.Time:2.925(Scan#:343)

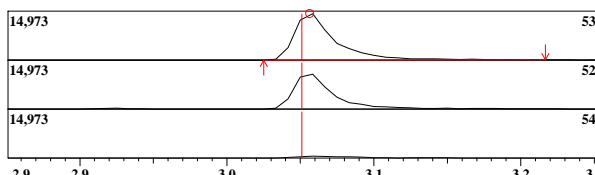
MassPeaks:39
RawMode:Averaged 2.900-2.950(337-349)
BG Mode:None Group 1 - Event 1 Scan



ID#:19 Name:Acrylonitrile Type:Target No Manual Integration

Mass:53.00 R.T:3.056 Area:28060 Conc:23.44007ppm

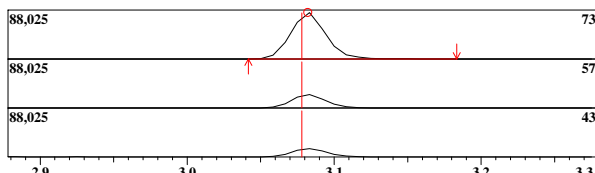
#	m/z	Area	Ratio	Reference
1	52.00	5204	74.64	40.00
2	54.00	385	5.52	10.00



ID#:20 Name:MTBE Type:Target No Manual Integration

Mass:73.00 R.T:3.082 Area:141074 Conc:22.63629ppm

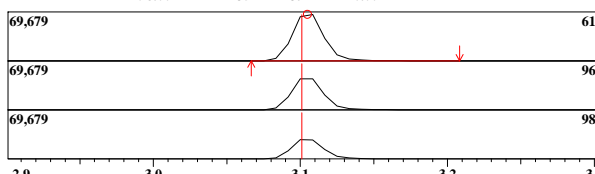
#	m/z	Area	Ratio	Reference
1	57.00	11513	29.43	26.00
2	43.00	7314	18.70	20.00



ID#:21 Name:trans-1,2-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:3.105 Area:102770 Conc:23.02356ppm

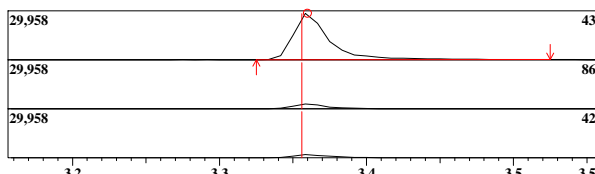
#	m/z	Area	Ratio	Reference
1	96.00	19778	68.77	64.00
2	98.00	12435	43.24	40.00



ID#:22 Name:Vinyl Acetate Type:Target No Manual Integration

Mass:43.00 R.T:3.360 Area:48634 Conc:12.62286ppm

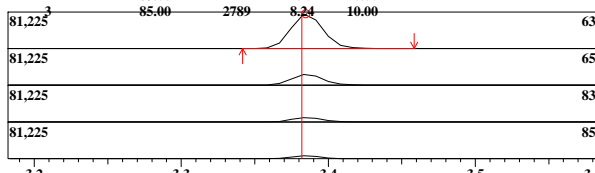
#	m/z	Area	Ratio	Reference
1	86.00	1322	10.73	10.00
2	42.00	944	7.66	0.00



ID#:23 Name:1,1-Dichloroethane Type:Target No Manual Integration

Mass:63.00 R.T:3.385 Area:120370 Conc:22.53453ppm

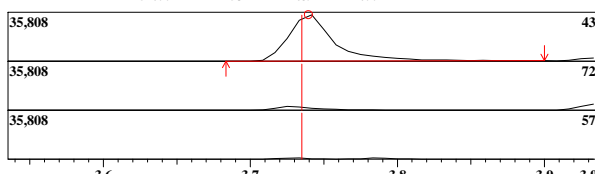
#	m/z	Area	Ratio	Reference
1	65.00	10359	30.61	30.00
2	83.00	4227	12.49	10.00
3	85.00	2789	8.24	10.00



ID#:24 Name:2-Butanone(MEK) Type:Target No Manual Integration

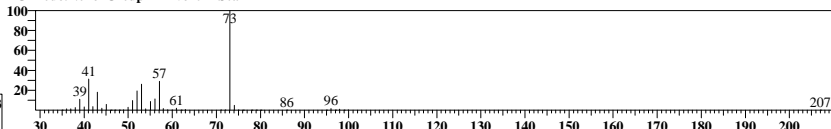
Mass:43.00 R.T:3.740 Area:74701 Conc:19.93975ppm

#	m/z	Area	Ratio	Reference
1	72.00	1535	8.25	30.00
2	57.00	537	2.89	11.00



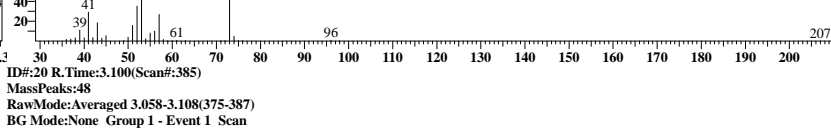
ID#:19 R.Time:3.075(Scan#:379)

MassPeaks:46 RawMode:Averaged 3.033-3.083(369-381) BG Mode:None Group 1 - Event 1 Scan



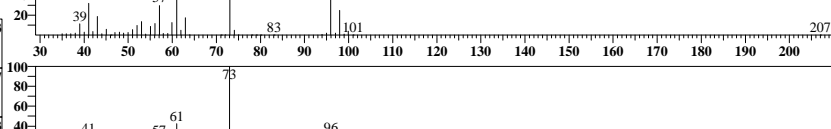
ID#:20 R.Time:3.100(Scan#:385)

MassPeaks:48 RawMode:Averaged 3.058-3.108(375-387) BG Mode:None Group 1 - Event 1 Scan



ID#:21 R.Time:3.100(Scan#:385)

MassPeaks:49 RawMode:Averaged 3.083-3.133(381-393) BG Mode:None Group 1 - Event 1 Scan



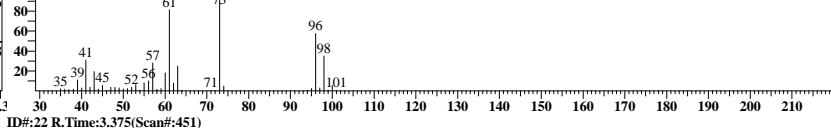
ID#:22 R.Time:3.375(Scan#:451)

MassPeaks:42 RawMode:Averaged 3.333-3.383(441-453) BG Mode:None Group 1 - Event 1 Scan



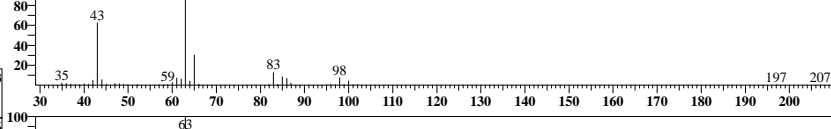
ID#:23 R.Time:3.383(Scan#:453)

MassPeaks:42 RawMode:Averaged 3.358-3.408(447-459) BG Mode:None Group 1 - Event 1 Scan



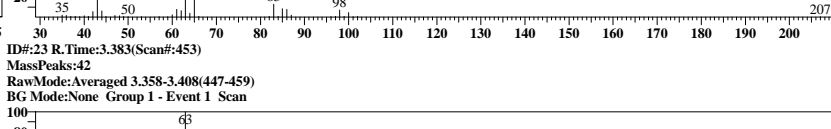
ID#:24 R.Time:3.758(Scan#:543)

MassPeaks:61 RawMode:Averaged 3.717-3.767(533-545) BG Mode:None Group 1 - Event 1 Scan



ID#:24 R.Time:3.758(Scan#:543)

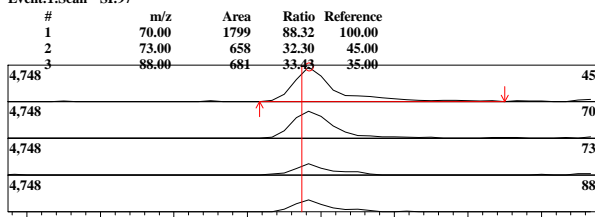
MassPeaks:61 RawMode:Averaged 3.717-3.767(533-545) BG Mode:None Group 1 - Event 1 Scan



ID#:25 Name:Ethyl Acetate Type:Target No Manual Integration

Mass:45.00 R.T:3.742 Area:8878 Conc:20.52911ppm

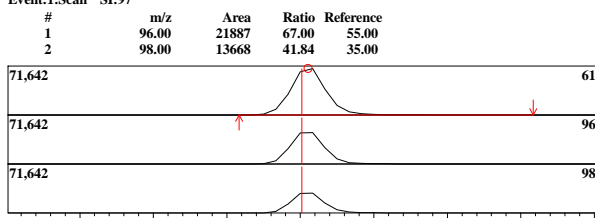
Event:1:Scan SI:97



ID#:26 Name:cis-1,2-Dichloroethene Type:Target No Manual Integration

Mass:61.00 R.T:3.755 Area:118348 Conc:22.81488ppm

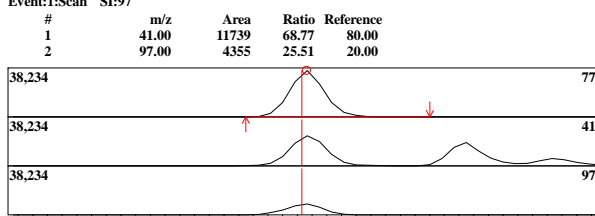
Event:1:Scan SI:97



ID#:27 Name:2,2-Dichloropropane Type:Target No Manual Integration

Mass:77.00 R.T:3.766 Area:61156 Conc:18.53774ppm

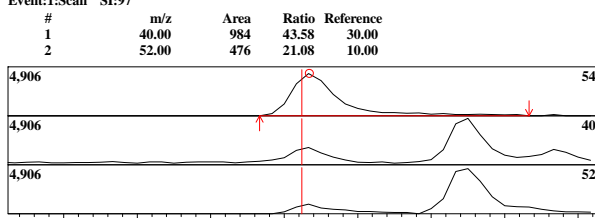
Event:1:Scan SI:97



ID#:28 Name:Propionitrile(Ethyl cyanide) Type:Target No Manual Integration

Mass:54.00 R.T:3.767 Area:9807 Conc:25.56760ppm

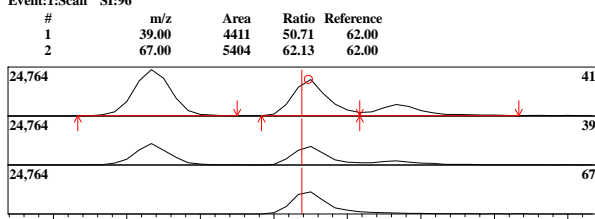
Event:1:Scan SI:97



ID#:29 Name:Methacrylonitrile Type:Target No Manual Integration

Mass:41.00 R.T:3.874 Area:30626 Conc:21.06162ppm

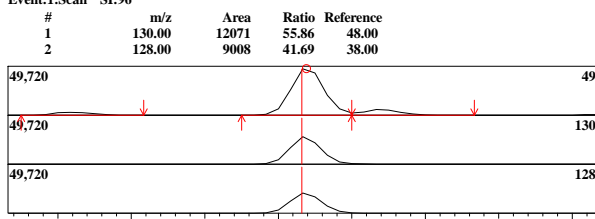
Event:1:Scan SI:96



ID#:30 Name:Bromochloromethane Type:Target No Manual Integration

Mass:49.00 R.T:3.919 Area:76280 Conc:22.01711ppm

Event:1:Scan SI:96

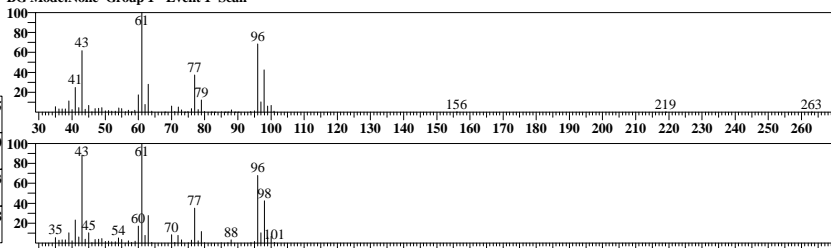


ID#:25 R.Time:3.758(Scan#:543)

MassPeaks:61

RawMode:Averaged 3.717-3.767(533-545)

BG Mode:None Group 1 - Event 1 Scan

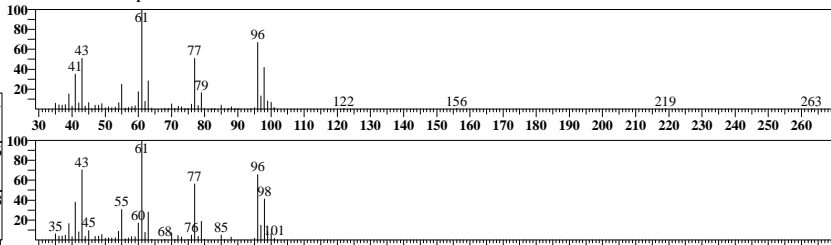


ID#:26 R.Time:3.758(Scan#:543)

MassPeaks:63

RawMode:Averaged 3.733-3.783(537-549)

BG Mode:None Group 1 - Event 1 Scan

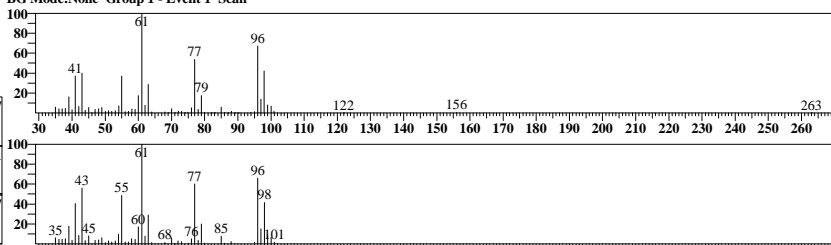


ID#:27 R.Time:3.758(Scan#:543)

MassPeaks:62

RawMode:Averaged 3.742-3.792(539-551)

BG Mode:None Group 1 - Event 1 Scan

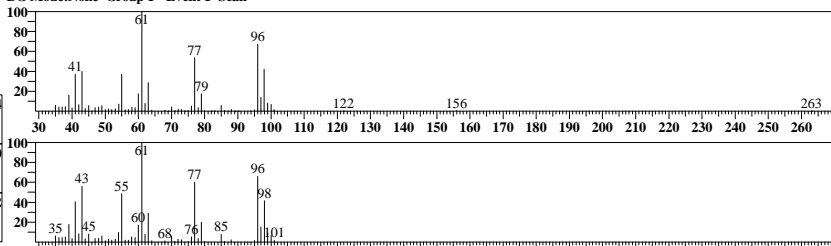


ID#:28 R.Time:3.758(Scan#:543)

MassPeaks:62

RawMode:Averaged 3.742-3.792(539-551)

BG Mode:None Group 1 - Event 1 Scan

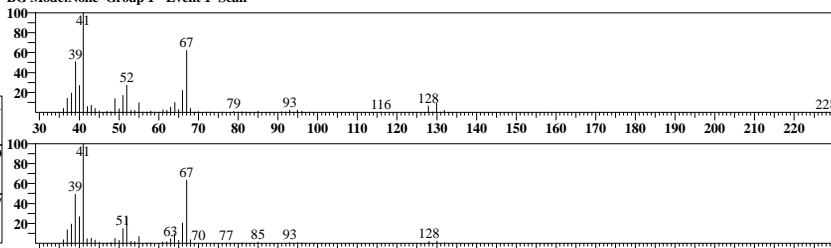


ID#:29 R.Time:3.875(Scan#:571)

MassPeaks:57

RawMode:Averaged 3.850-3.900(565-577)

BG Mode:None Group 1 - Event 1 Scan

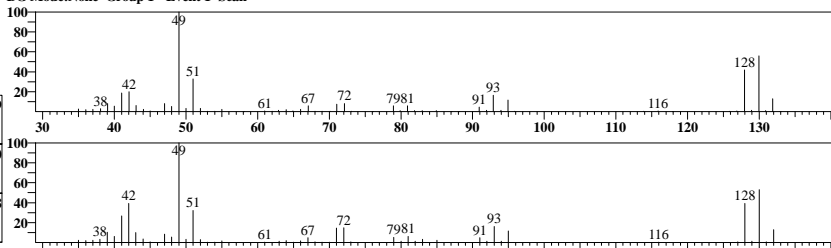


ID#:30 R.Time:3.917(Scan#:581)

MassPeaks:60

RawMode:Averaged 3.892-3.942(575-587)

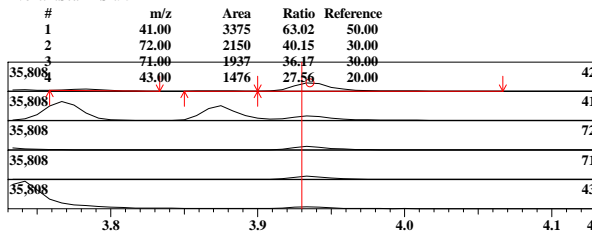
BG Mode:None Group 1 - Event 1 Scan



ID#:31 Name:Tetrahydrofuran Type:Target No Manual Integration

Mass:42.00 R.T:3.936 Area:19836 Conc:18.67230ppm

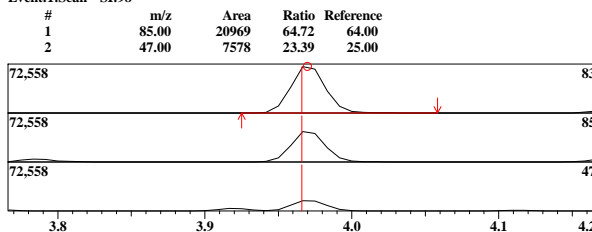
Event:1:Scan SI:95



ID#:32 Name:Chloroform Type:Target No Manual Integration

Mass:83.00 R.T:3.970 Area:115966 Conc:22.95451ppm

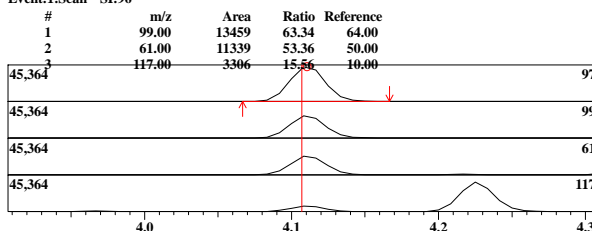
Event:1:Scan SI:98



ID#:33 Name:1,1,1-Trichloroethane Type:Target No Manual Integration

Mass:97.00 R.T:4.111 Area:76005 Conc:21.71876ppm

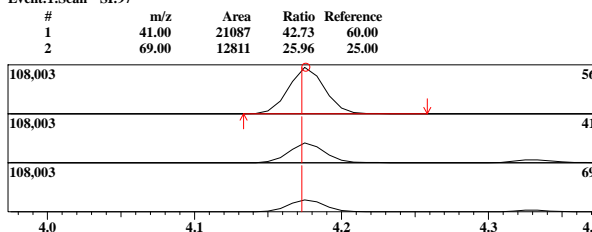
Event:1:Scan SI:96



ID#:34 Name:Cyclohexane Type:Target No Manual Integration

Mass:56.00 R.T:4.176 Area:176077 Conc:25.22552ppm

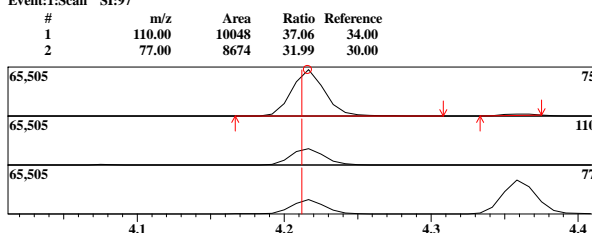
Event:1:Scan SI:97



ID#:35 Name:1,1-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:4.216 Area:97029 Conc:21.91205ppm

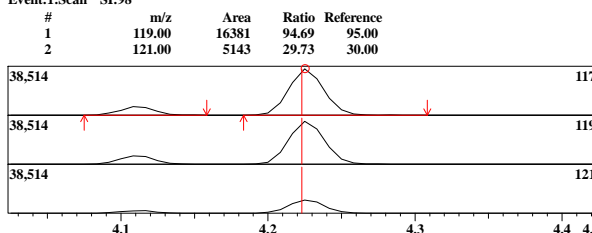
Event:1:Scan SI:97



ID#:36 Name:Carbon tetrachloride Type:Target No Manual Integration

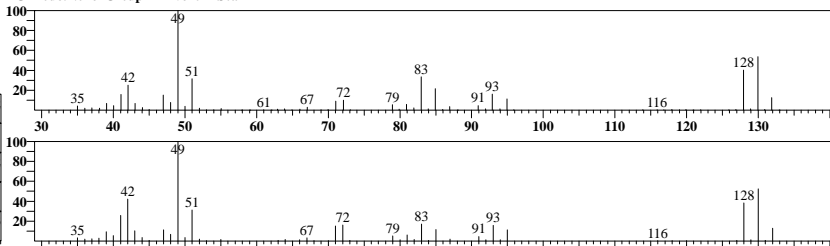
Mass:117.00 R.T:4.226 Area:61479 Conc:21.94263ppm

Event:1:Scan SI:98



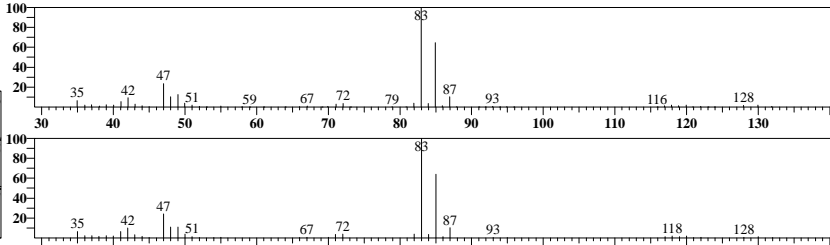
ID#:31 R.Time:3.917(Scan#:581)

MassPeaks:66 RawMode:Averaged 3.908-3.958(579-591) BG Mode:None Group 1 - Event 1 Scan



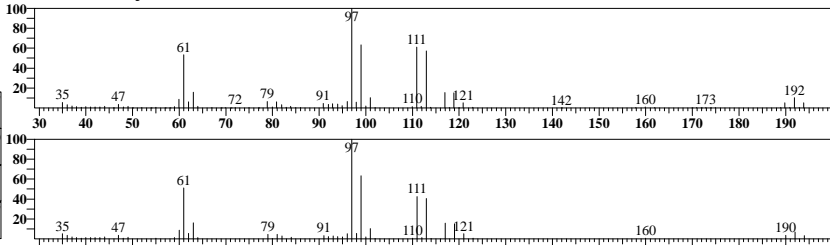
ID#:32 R.Time:3.967(Scan#:593)

MassPeaks:57 RawMode:Averaged 3.942-3.992(587-599) BG Mode:None Group 1 - Event 1 Scan



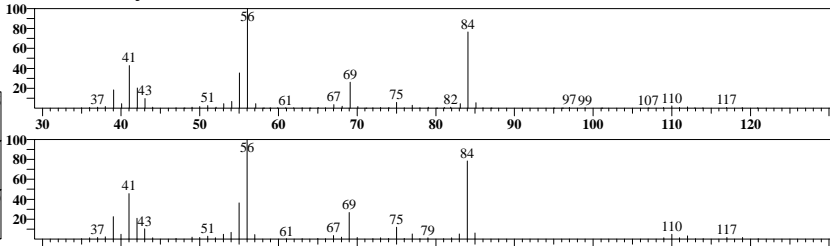
ID#:33 R.Time:4.108(Scan#:627)

MassPeaks:80 RawMode:Averaged 4.083-4.133(621-633) BG Mode:None Group 1 - Event 1 Scan



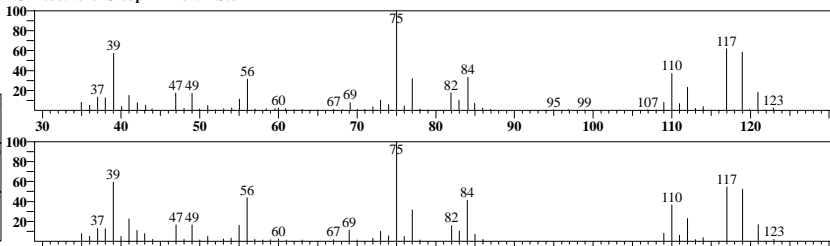
ID#:34 R.Time:4.175(Scan#:643)

MassPeaks:66 RawMode:Averaged 4.150-4.200(637-649) BG Mode:None Group 1 - Event 1 Scan



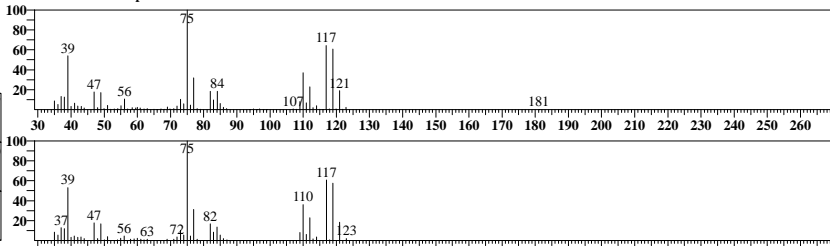
ID#:35 R.Time:4.217(Scan#:653)

MassPeaks:73 RawMode:Averaged 4.192-4.242(647-659) BG Mode:None Group 1 - Event 1 Scan



ID#:36 R.Time:4.217(Scan#:653)

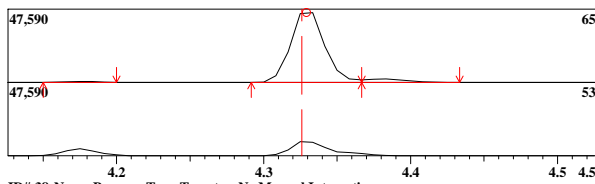
MassPeaks:73 RawMode:Averaged 4.200-4.250(649-661) BG Mode:None Group 1 - Event 1 Scan



ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.329 Area:75088 Conc:45.93915ppb

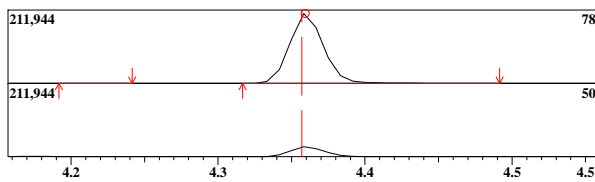
#	m/z	Area	Ratio	Reference
1	53.00	4713	22.25	15.00



ID#:38 Name:Benzene Type:Target No Manual Integration

Mass:78.00 R.T:4.359 Area:326482 Conc:22.64218ppb

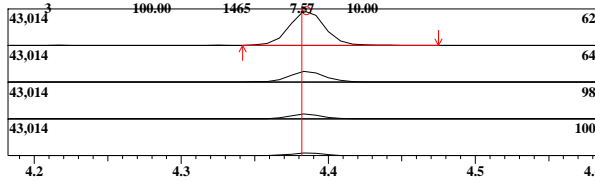
#	m/z	Area	Ratio	Reference
1	50.00	13549	14.92	16.00



ID#:39 Name:1,2-Dichloroethane Type:Target No Manual Integration

Mass:62.00 R.T:4.385 Area:69882 Conc:20.61965ppb

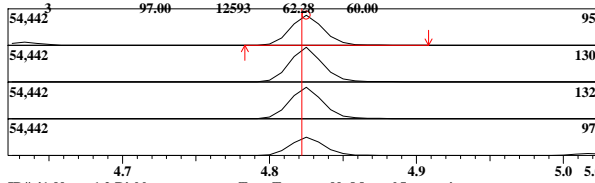
#	m/z	Area	Ratio	Reference
1	64.00	5951	30.73	30.00
2	98.00	2518	13.00	10.00
3	100.00	1465	7.57	10.00



ID#:40 Name:Trichloroethene Type:Target No Manual Integration

Mass:95.00 R.T:4.825 Area:72310 Conc:23.60100ppb

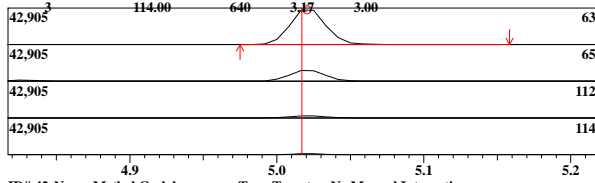
#	m/z	Area	Ratio	Reference
1	130.00	22791	112.72	95.00
2	132.00	21123	104.47	90.00
3	97.00	12593	62.20	60.00



ID#:41 Name:1,2-Dichloropropane Type:Target No Manual Integration

Mass:63.00 R.T:5.021 Area:73504 Conc:23.06102ppb

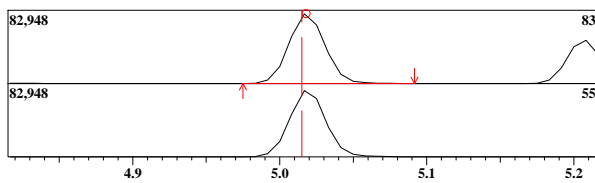
#	m/z	Area	Ratio	Reference
1	65.00	6293	31.19	30.00
2	112.00	1204	5.97	5.00
3	114.00	640	3.17	3.00



ID#:42 Name:Methyl Cyclohexane Type:Target No Manual Integration

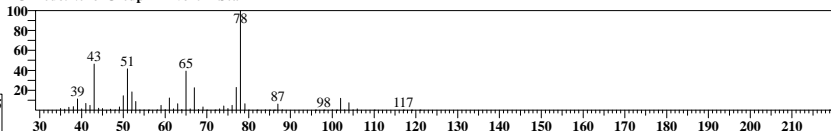
Mass:83.00 R.T:5.018 Area:136444 Conc:23.62663ppb

#	m/z	Area	Ratio	Reference
1	55.00	36451	95.23	80.00



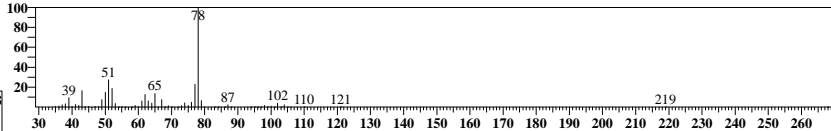
ID#:37 R.Time:4.350(Scan#:685)

MassPeaks:63 RawMode:Averaged 4.308-4.358(675-687) BG Mode:None Group 1 - Event 1 Scan



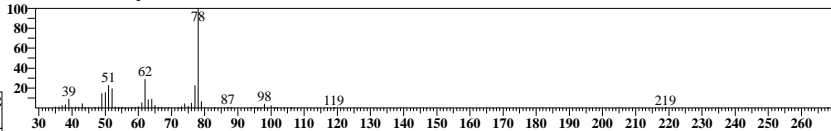
ID#:38 R.Time:4.358(Scan#:687)

MassPeaks:65 RawMode:Averaged 4.333-4.383(681-693) BG Mode:None Group 1 - Event 1 Scan



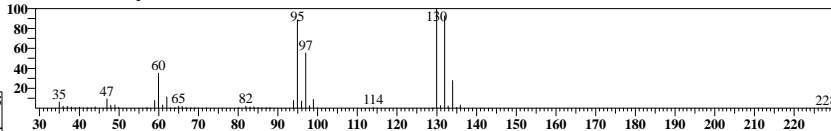
ID#:39 R.Time:4.367(Scan#:689)

MassPeaks:58 RawMode:Averaged 4.358-4.408(687-699) BG Mode:None Group 1 - Event 1 Scan



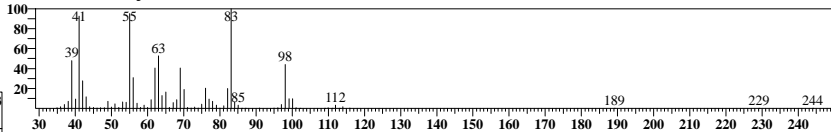
ID#:40 R.Time:4.825(Scan#:799)

MassPeaks:53 RawMode:Averaged 4.800-4.850(793-805) BG Mode:None Group 1 - Event 1 Scan



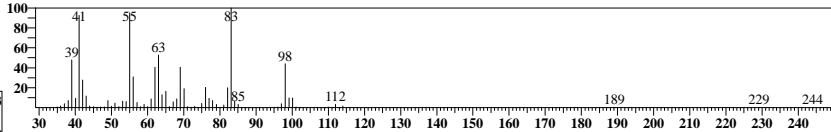
ID#:41 R.Time:5.017(Scan#:845)

MassPeaks:72 RawMode:Averaged 4.992-5.042(839-851) BG Mode:None Group 1 - Event 1 Scan



ID#:42 R.Time:5.017(Scan#:845)

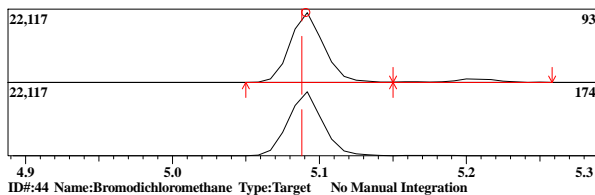
MassPeaks:72 RawMode:Averaged 4.992-5.042(839-851) BG Mode:None Group 1 - Event 1 Scan



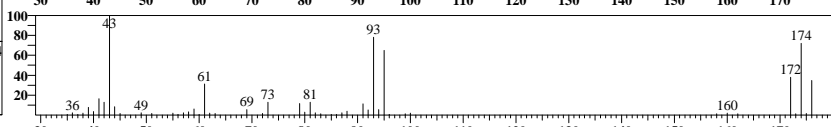
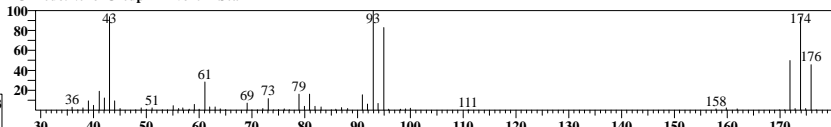
ID#:43 Name:Dibromomethane Type:Target No Manual Integration

Mass:93.00 R.T:5.091 Area:33973 Conc:23.34451ppb
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	174.00	8863	93.61	30.00



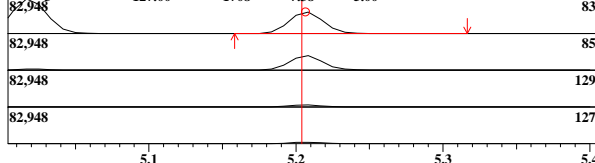
ID#:43 R.Time:5.092(Scan#:863)
MassPeaks:67
RawMode:Averaged 5.067-5.117(857-869)
BG Mode:None Group 1 - Event 1 Scan



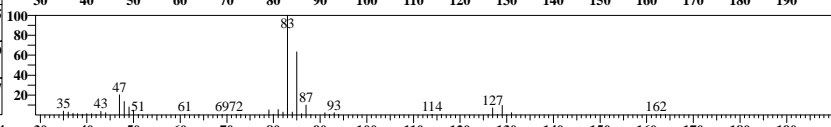
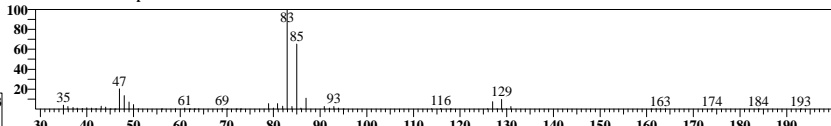
ID#:44 Name:Bromodichloromethane Type:Target No Manual Integration

Mass:83.00 R.T:5.207 Area:83170 Conc:23.17148ppb
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	85.00	15127	65.37	63.00
2	129.00	2208	9.54	10.00
3	127.00	1708	7.38	5.00



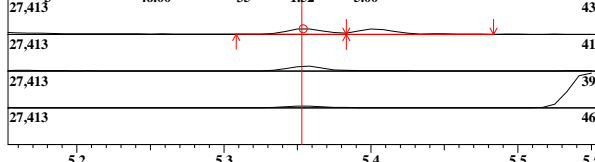
ID#:44 R.Time:5.208(Scan#:891)
MassPeaks:57
RawMode:Averaged 5.183-5.233(885-897)
BG Mode:None Group 1 - Event 1 Scan



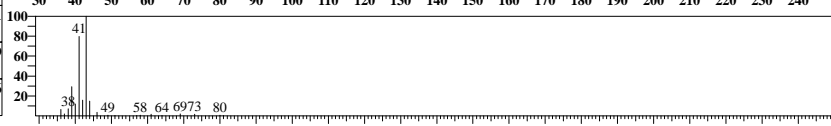
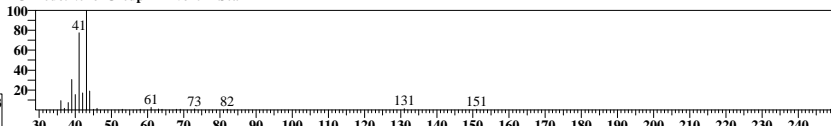
ID#:45 Name:2-Nitropropane Type:Target No Manual Integration

Mass:43.00 R.T:5.354 Area:7708 Conc:20.32342ppb
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	41.00	1786	77.42	30.00
2	39.00	705	30.56	15.00
3	46.00	35	1.52	5.00



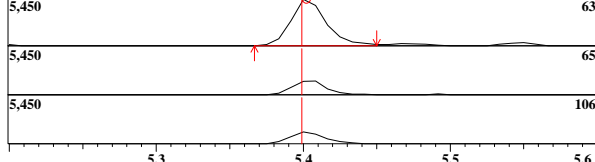
ID#:45 R.Time:5.358(Scan#:927)
MassPeaks:23
RawMode:Averaged 5.325-5.375(919-931)
BG Mode:None Group 1 - Event 1 Scan



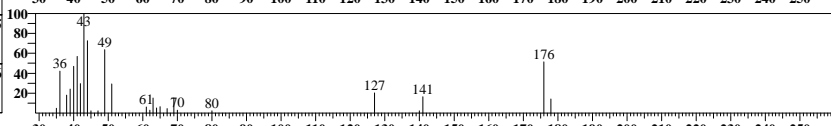
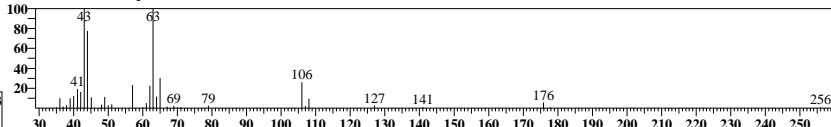
ID#:46 Name:2-Chloroethylvinyl ether Type:Target No Manual Integration

Mass:63.00 R.T:5.402 Area:8844 Conc:13.94180ppb
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	65.00	719	30.00	30.00
2	106.00	613	25.57	25.00



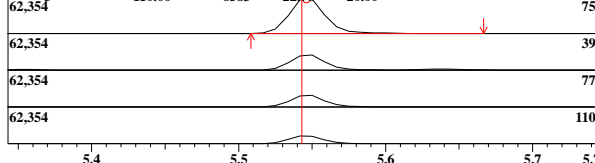
ID#:46 R.Time:5.400(Scan#:937)
MassPeaks:35
RawMode:Averaged 5.375-5.425(931-943)
BG Mode:None Group 1 - Event 1 Scan



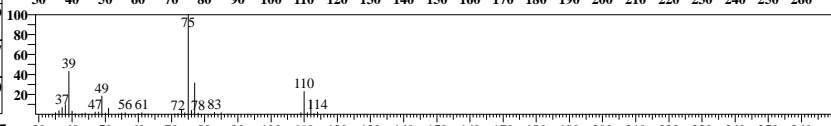
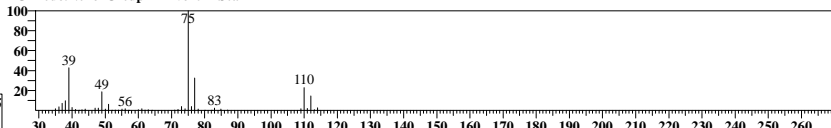
ID#:47 Name:cis-1,3-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:5.546 Area:105446 Conc:22.13885ppb
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	39.00	12415	42.92	60.00
2	77.00	9432	32.61	31.00
3	110.00	6583	22.76	20.00



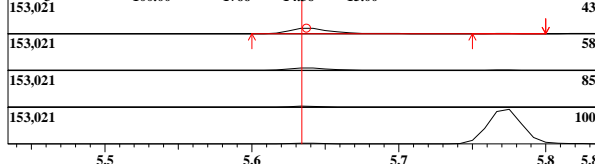
ID#:47 R.Time:5.550(Scan#:973)
MassPeaks:46
RawMode:Averaged 5.525-5.575(967-979)
BG Mode:None Group 1 - Event 1 Scan



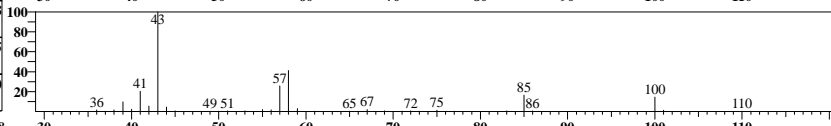
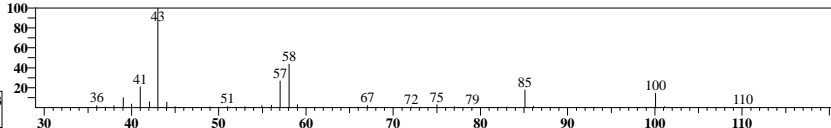
ID#:48 Name:4-Methyl-2-Pentanone(MIBK) Type:Target No Manual Integration

Mass:43.00 R.T:5.637 Area:49684 Conc:21.21862ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	58.00	5391	43.84	40.00
2	85.00	2184	17.76	15.00
3	100.00	1766	14.36	15.00

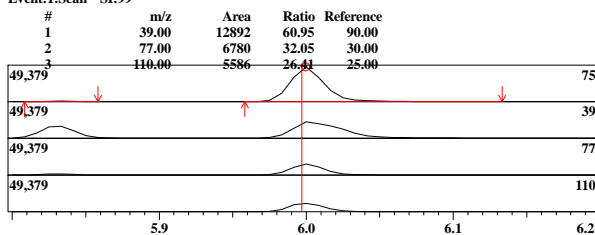


ID#:48 R.Time:5.633(Scan#:993)
MassPeaks:39
RawMode:Averaged 5.608-5.658(987-999)
BG Mode:None Group 1 - Event 1 Scan



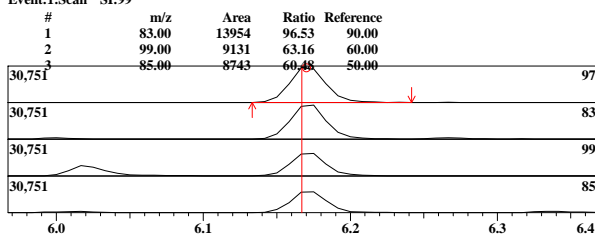
ID#:49 Name:trans-1,3-Dichloropropene Type:Target No Manual Integration

Mass:75.00 R.T:6.000 Area:77707 Conc:22.15254ppb
Event:1:Scan SI:99



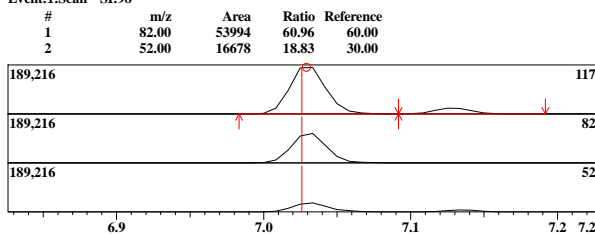
ID#:50 Name:1,1,2-Trichloroethane Type:Target No Manual Integration

Mass:97.00 R.T:6.170 Area:52718 Conc:22.28341ppb
Event:1:Scan SI:99



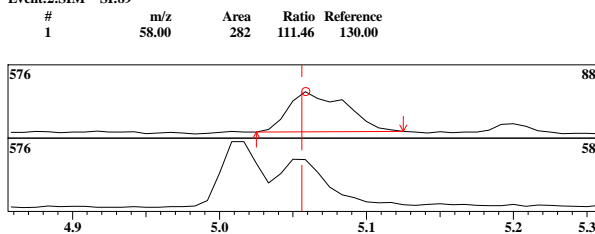
ID#:51 Name:Chlorobenzene-d5 (IS) Type:ISTD No Manual Integration

Mass:117.00 R.T:7.029 Area:319792 Conc:50.00000ppb
Event:1:Scan SI:98



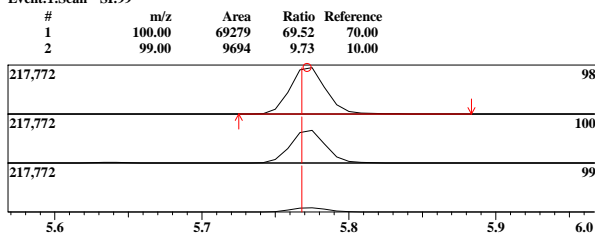
ID#:52 Name:1,4-Dioxane Type:Target No Manual Integration

Mass:88.00 R.T:5.059 Area:853 Conc:22.08451ppb
Event:2:SIM SI:89



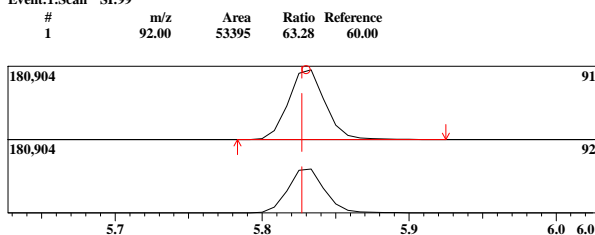
ID#:53 Name:Toluene-d8 Type:Surrogate/SMC No Manual Integration

Mass:98.00 R.T:5.772 Area:356012 Conc:48.69320ppb
Event:1:Scan SI:99



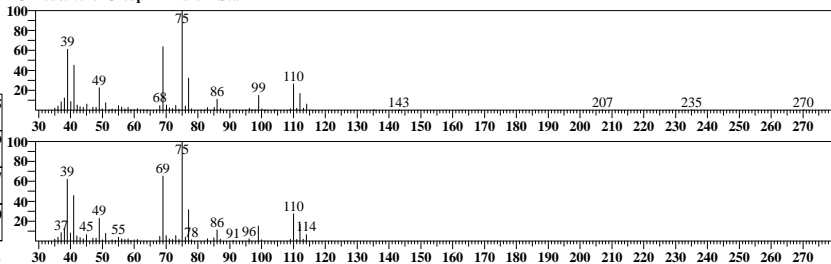
ID#:54 Name:Toluene Type:Target No Manual Integration

Mass:91.00 R.T:5.830 Area:302012 Conc:22.58418ppb
Event:1:Scan SI:99



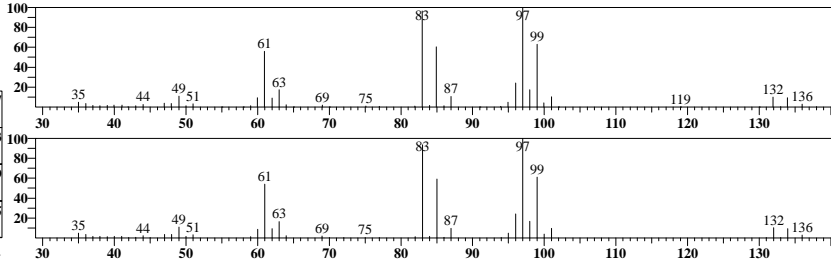
ID#:49 R.Time:6.017(Scan#:1085)

MassPeaks:70
RawMode:Averaged 5.975-6.025(1075-1087)
BG Mode:None Group 1 - Event 1 Scan



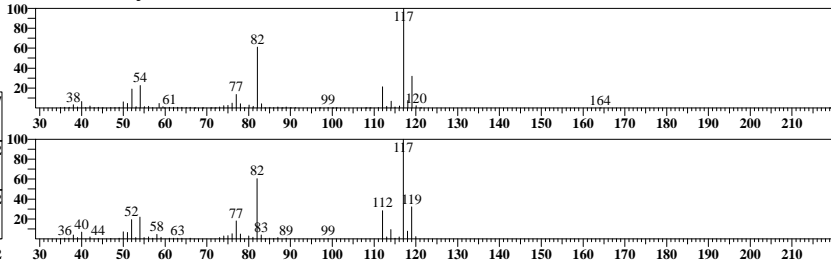
ID#:50 R.Time:6.175(Scan#:1123)

MassPeaks:51
RawMode:Averaged 6.142-6.192(1115-1127)
BG Mode:None Group 1 - Event 1 Scan



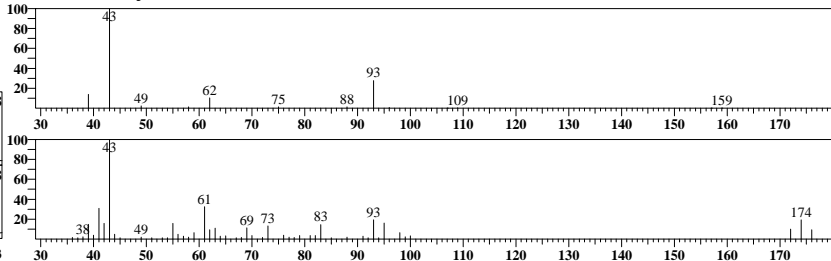
ID#:51 R.Time:7.033(Scan#:1329)

MassPeaks:73
RawMode:Averaged 7.000-7.050(1321-1333)
BG Mode:None Group 1 - Event 1 Scan



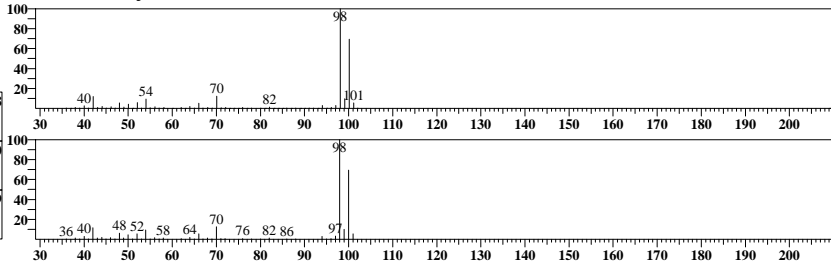
ID#:52 R.Time:5.050(Scan#:854)

MassPeaks:13
RawMode:Averaged 5.033-5.083(850-862)
BG Mode:None Group 1 - Event 2 SIM



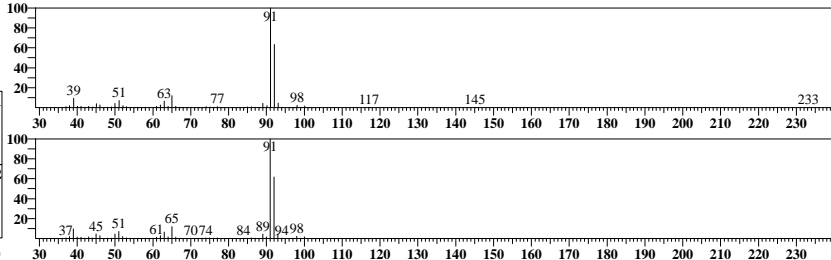
ID#:53 R.Time:5.775(Scan#:1027)

MassPeaks:65
RawMode:Averaged 5.750-5.800(1021-1033)
BG Mode:None Group 1 - Event 1 Scan



ID#:54 R.Time:5.833(Scan#:1041)

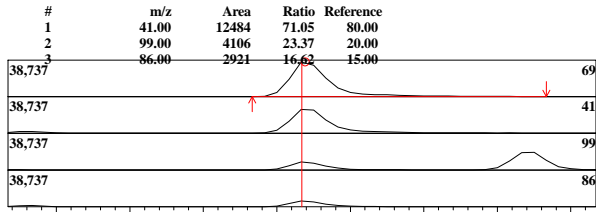
MassPeaks:61
RawMode:Averaged 5.808-5.858(1035-1047)
BG Mode:None Group 1 - Event 1 Scan



ID#:55 Name:Ethyl Methacrylate Type:Target No Manual Integration

Mass:69.00 R.T:6.019 Area:69837 Conc:21.90170ppb

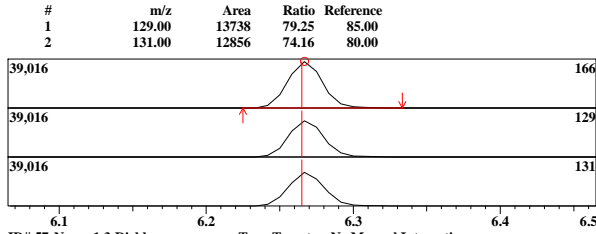
Event:1:Scan SI:96



ID#:56 Name:Tetrachloroethene Type:Target No Manual Integration

Mass:166.00 R.T:6.267 Area:61959 Conc:22.40806ppb

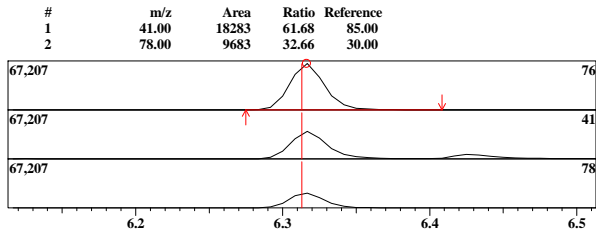
Event:1:Scan SI:99



ID#:57 Name:1,3-Dichloropropane Type:Target No Manual Integration

Mass:76.00 R.T:6.316 Area:106915 Conc:21.68425ppb

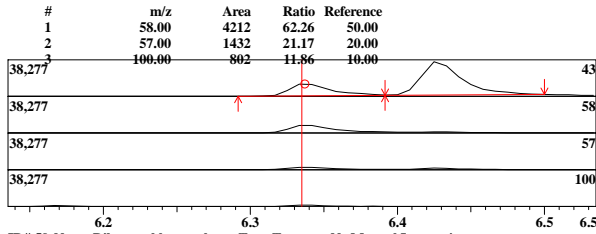
Event:1:Scan SI:98



ID#:58 Name:2-Hexanone(MBK) Type:Target No Manual Integration

Mass:43.00 R.T:6.337 Area:25454 Conc:20.28479ppb

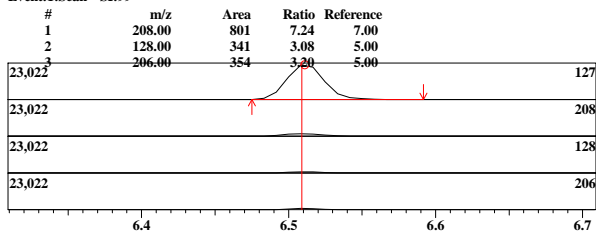
Event:1:Scan SI:97



ID#:59 Name:Dibromochloromethane Type:Target No Manual Integration

Mass:127.00 R.T:6.511 Area:40083 Conc:23.60797ppb

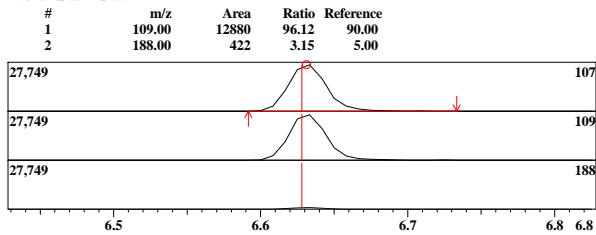
Event:1:Scan SI:99



ID#:60 Name:1,2-Dibromoethane Type:Target No Manual Integration

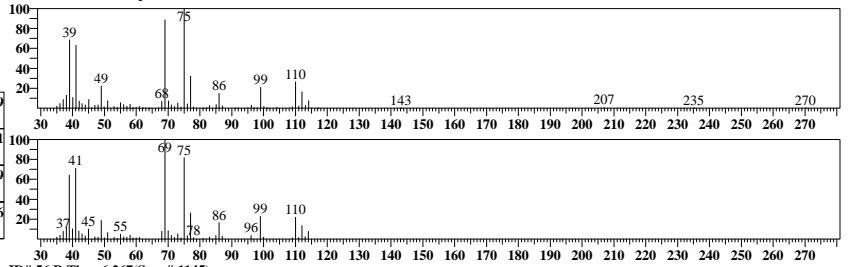
Mass:107.00 R.T:6.631 Area:48832 Conc:22.43621ppb

Event:1:Scan SI:99



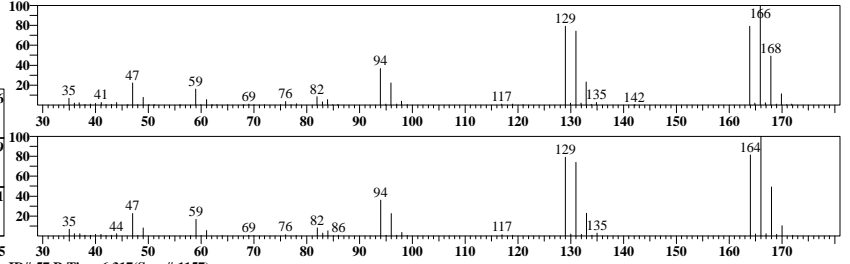
ID#:55 R.Time:6.017(Scan#:1085)

MassPeaks:69 RawMode:Averaged 5.992-6.042(1079-1091) BG Mode:None Group 1 - Event 1 Scan



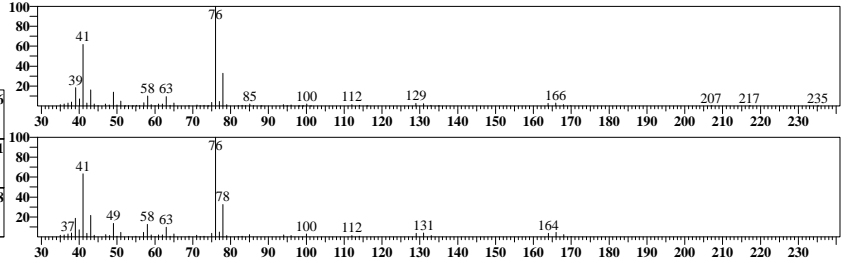
ID#:56 R.Time:6.267(Scan#:1145)

MassPeaks:62 RawMode:Averaged 6.242-6.292(1139-1151) BG Mode:None Group 1 - Event 1 Scan



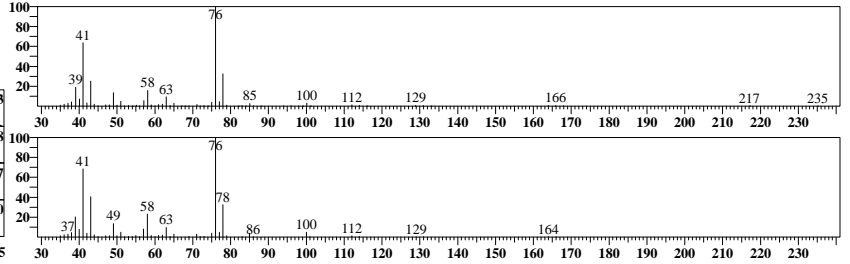
ID#:57 R.Time:6.317(Scan#:1157)

MassPeaks:67 RawMode:Averaged 6.292-6.342(1151-1163) BG Mode:None Group 1 - Event 1 Scan



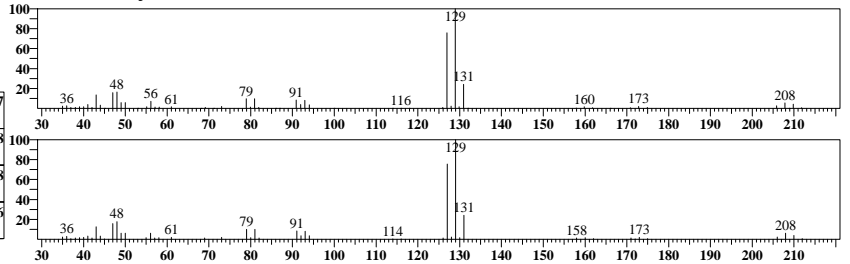
ID#:58 R.Time:6.317(Scan#:1157)

MassPeaks:65 RawMode:Averaged 6.308-6.358(1155-1167) BG Mode:None Group 1 - Event 1 Scan



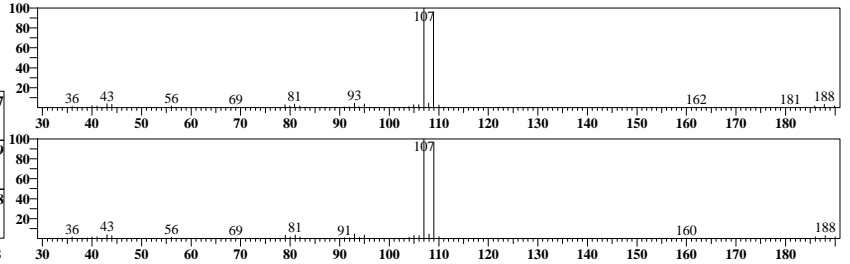
ID#:59 R.Time:6.508(Scan#:1203)

MassPeaks:58 RawMode:Averaged 6.483-6.533(1197-1209) BG Mode:None Group 1 - Event 1 Scan



ID#:60 R.Time:6.633(Scan#:1233)

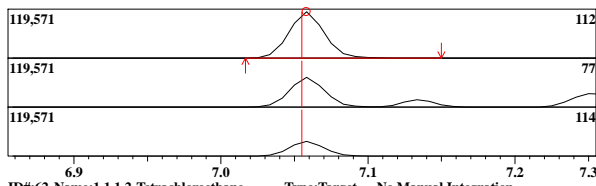
MassPeaks:40 RawMode:Averaged 6.608-6.658(1227-1239) BG Mode:None Group 1 - Event 1 Scan



ID#:61 Name:Chlorobenzene Type:Target No Manual Integration

Mass:112.00 R.T:7.058 Area:191696 Conc:21.64343ppb
Event:1:Scan SI:96

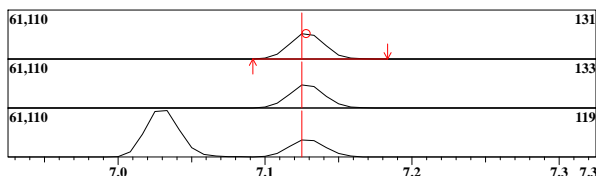
#	m/z	Area	Ratio	Reference
1	77.00	34516	64.41	65.00
2	114.00	17057	31.83	30.00



ID#:62 Name:1,1,1,2-Tetrachloroethane Type:Target No Manual Integration

Mass:131.00 R.T:7.128 Area:56042 Conc:23.29529ppb
Event:1:Scan SI:99

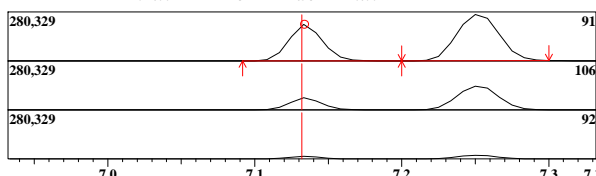
#	m/z	Area	Ratio	Reference
1	133.00	14420	91.77	90.00
2	119.00	10995	69.97	70.00



ID#:63 Name:Ethylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:7.134 Area:337388 Conc:23.49994ppb
Event:1:Scan SI:99

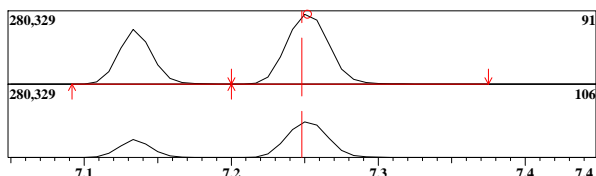
#	m/z	Area	Ratio	Reference
1	106.00	30870	32.47	33.00
2	92.00	7187	7.56	10.00



ID#:64 Name:Xylene-mp Type:Target No Manual Integration

Mass:91.00 R.T:7.252 Area:549944 Conc:46.43978ppb
Event:1:Scan SI:99

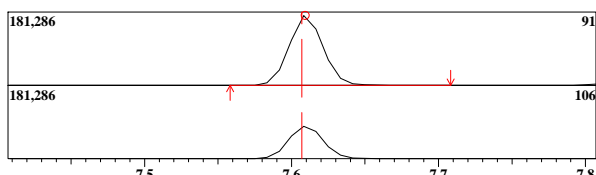
#	m/z	Area	Ratio	Reference
1	106.00	76545	50.45	30.00



ID#:65 Name:Xylene-o Type:Target No Manual Integration

Mass:91.00 R.T:7.609 Area:279172 Conc:24.16650ppb
Event:1:Scan SI:98

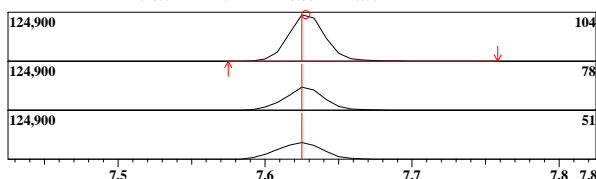
#	m/z	Area	Ratio	Reference
1	106.00	37907	48.17	50.00



ID#:66 Name:Styrene Type:Target No Manual Integration

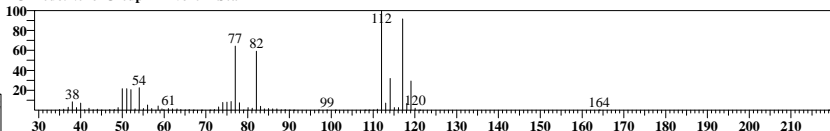
Mass:104.00 R.T:7.628 Area:214201 Conc:23.60883ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	78.00	30850	52.66	50.00
2	51.00	25711	43.88	40.00



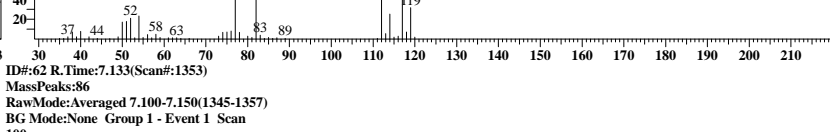
ID#:61 R.Time:7.042(Scan#:1331)

MassPeaks:73
RawMode:Averaged 7.033-7.083(1329-1341)
BG Mode:None Group 1 - Event 1 Scan



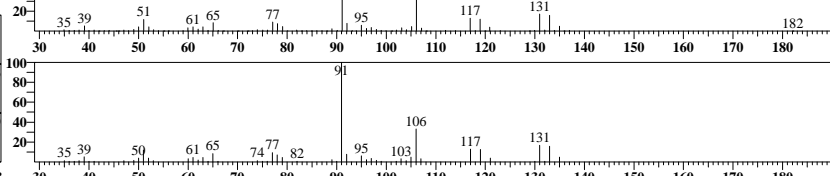
ID#:62 R.Time:7.133(Scan#:1353)

MassPeaks:86
RawMode:Averaged 7.100-7.150(1345-1357)
BG Mode:None Group 1 - Event 1 Scan



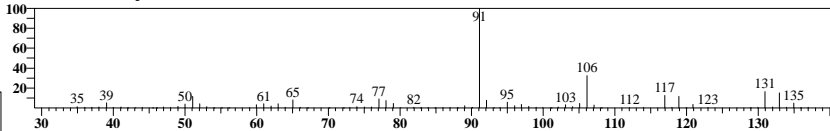
ID#:63 R.Time:7.133(Scan#:1353)

MassPeaks:86
RawMode:Averaged 7.100-7.150(1345-1357)
BG Mode:None Group 1 - Event 1 Scan



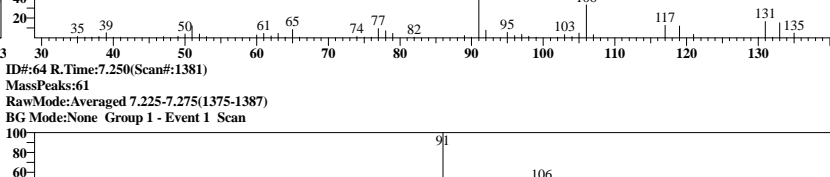
ID#:64 R.Time:7.250(Scan#:1381)

MassPeaks:85
RawMode:Averaged 7.108-7.158(1347-1359)
BG Mode:None Group 1 - Event 1 Scan



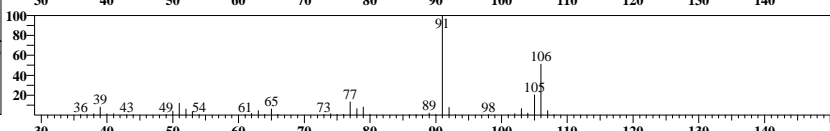
ID#:65 R.Time:7.250(Scan#:1381)

MassPeaks:85
RawMode:Averaged 7.108-7.158(1347-1359)
BG Mode:None Group 1 - Event 1 Scan



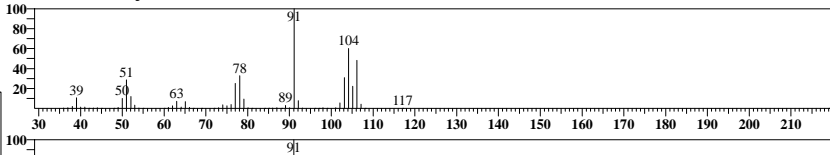
ID#:66 R.Time:7.617(Scan#:1469)

MassPeaks:61
RawMode:Averaged 7.225-7.275(1375-1387)
BG Mode:None Group 1 - Event 1 Scan



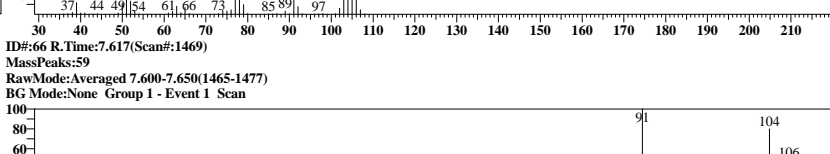
ID#:66 R.Time:7.617(Scan#:1469)

MassPeaks:59
RawMode:Averaged 7.600-7.650(1465-1477)
BG Mode:None Group 1 - Event 1 Scan



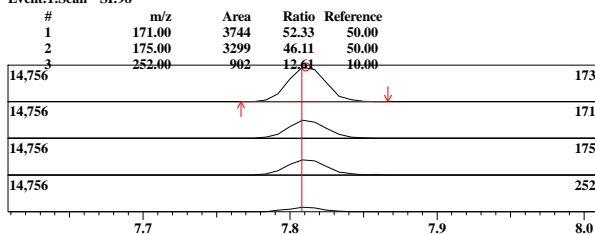
ID#:66 R.Time:7.617(Scan#:1469)

MassPeaks:59
RawMode:Averaged 7.600-7.650(1465-1477)
BG Mode:None Group 1 - Event 1 Scan



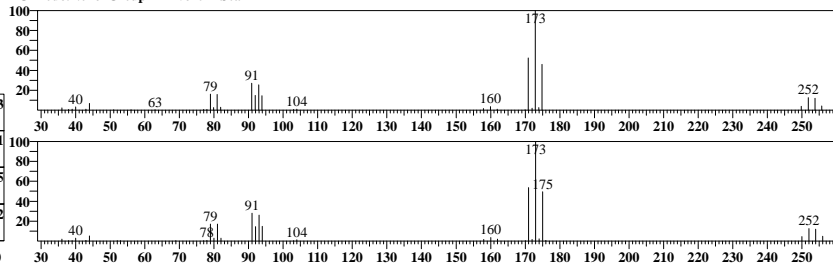
ID#:67 Name:Bromoform Type:Target No Manual Integration

Mass:173.00 R.T:7.811 Area:25699 Conc:22.87290ppb
Event:1:Scan SI:98



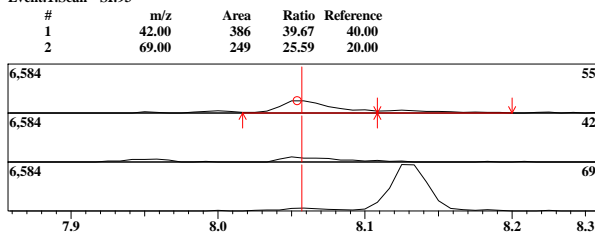
ID#:67 R.Time:7.808(Scan#:1515)

MassPeaks:34
RawMode:Averaged 7.783-7.833(1509-1521)
BG Mode:None Group 1 - Event 1 Scan



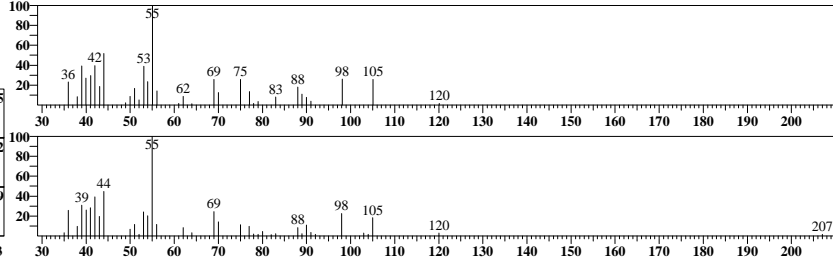
ID#:68 Name:Cyclohexanone Type:Target No Manual Integration

Mass:55.00 R.T:8.054 Area:4279 Conc:42.24910ppb
Event:1:Scan SI:93



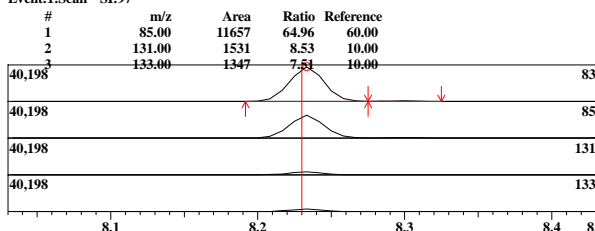
ID#:68 R.Time:8.050(Scan#:1573)

MassPeaks:33
RawMode:Averaged 8.025-8.075(1567-1579)
BG Mode:None Group 1 - Event 1 Scan



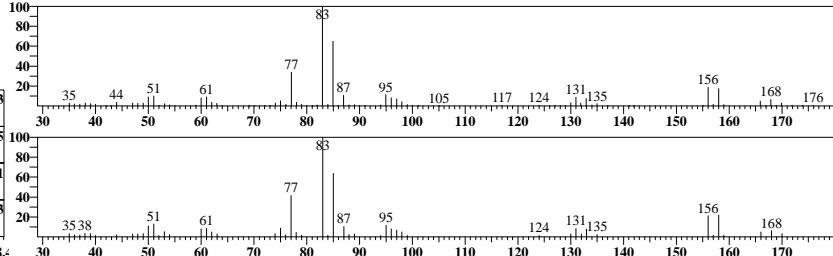
ID#:69 Name:1,1,1,2,2-Tetrachloroethane Type:Target No Manual Integration

Mass:83.00 R.T:8.233 Area:63706 Conc:20.93415ppb
Event:1:Scan SI:97



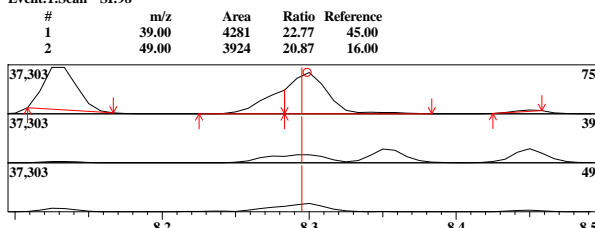
ID#:69 R.Time:8.233(Scan#:1617)

MassPeaks:83
RawMode:Averaged 8.208-8.258(1611-1623)
BG Mode:None Group 1 - Event 1 Scan



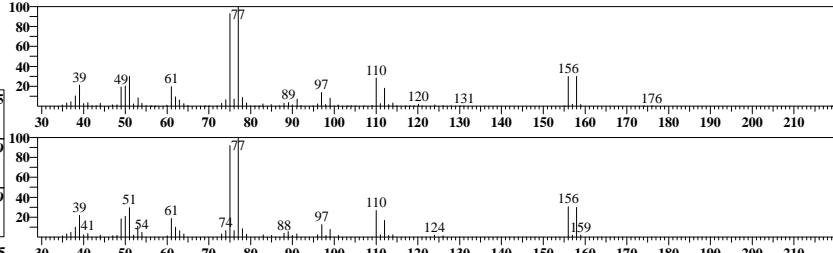
ID#:70 Name:1,2,3-Trichloropropane Type:Target Manual Integration Performed
Manual Reason: Split Peak ABO 01/26/22

Mass:75.00 R.T:8.299 Area:49271 Conc:19.70105ppb
Event:1:Scan SI:98



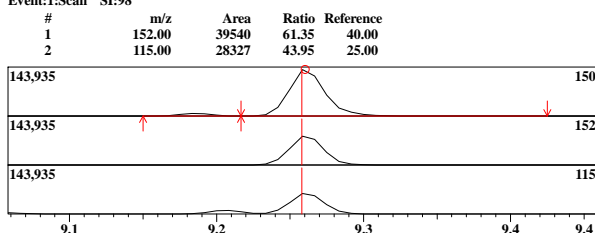
ID#:70 R.Time:8.292(Scan#:1631)

MassPeaks:84
RawMode:Averaged 8.283-8.325(1629-1639)
BG Mode:None Group 1 - Event 1 Scan



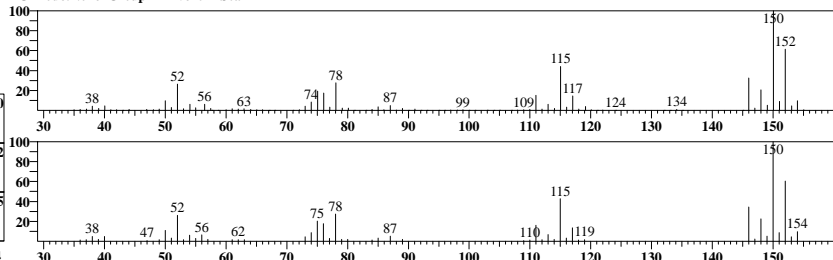
ID#:71 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.260 Area:237707 Conc:50.00000ppb
Event:1:Scan SI:98



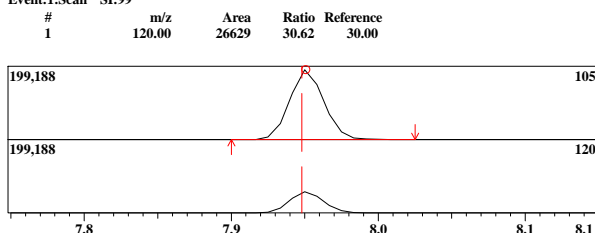
ID#:71 R.Time:9.267(Scan#:1865)

MassPeaks:96
RawMode:Averaged 9.233-9.283(1857-1869)
BG Mode:None Group 1 - Event 1 Scan



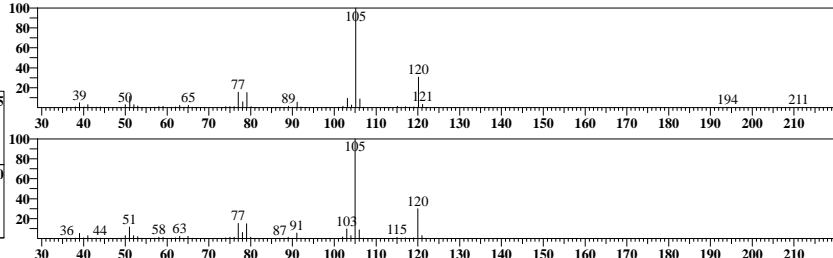
ID#:72 Name:Isopropylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:7.951 Area:307928 Conc:22.48280ppb
Event:1:Scan SI:99



ID#:72 R.Time:7.950(Scan#:1549)

MassPeaks:63
RawMode:Averaged 7.925-7.975(1543-1555)
BG Mode:None Group 1 - Event 1 Scan

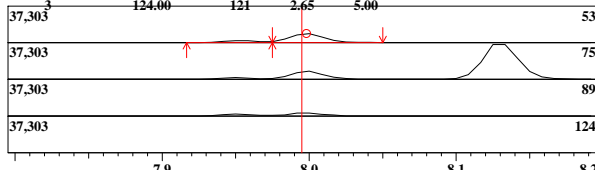


ID#:73 Name:Trans-1,4-Dichloro-2-butene Type:Target No Manual Integration

Mass:53.00 R.T:7.998 Area:15877 Conc:18.09918ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	75.00	3849	84.46	90.00
2	89.00	1626	35.68	30.00
3	124.00	121	2.65	5.00

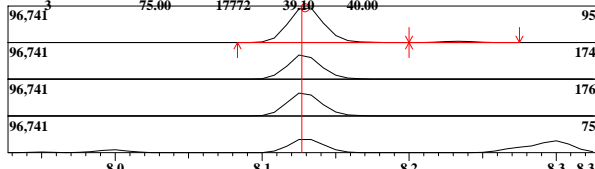


ID#:74 Name:Bromofluorobenzene Type:Surrogate/SMC No Manual Integration

Mass:95.00 R.T:8.130 Area:161920 Conc:50.08523ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	174.00	29990	65.99	50.00
2	176.00	29217	64.28	50.00
3	75.00	17772	39.40	40.00

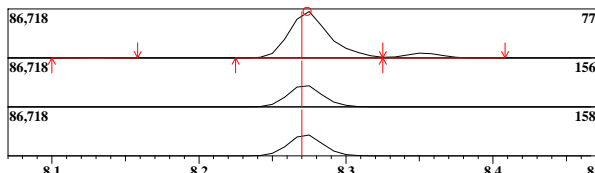


ID#:75 Name:Bromobenzene Type:Target No Manual Integration

Mass:77.00 R.T:8.274 Area:157561 Conc:21.21293ppb

Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	156.00	18591	43.64	40.00
2	158.00	18032	42.33	35.00

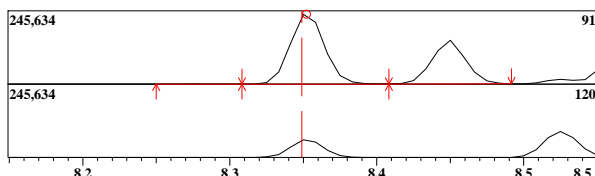


ID#:76 Name:n-Propylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:8.352 Area:383951 Conc:23.11949ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	120.00	27374	25.25	20.00

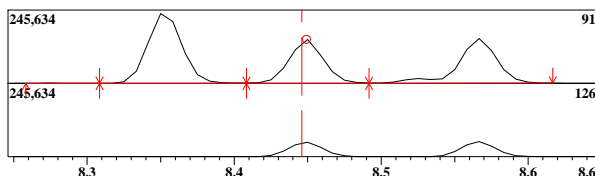


ID#:77 Name:2-Chlorotoluene Type:Target No Manual Integration

Mass:91.00 R.T:8.449 Area:236593 Conc:22.82931ppb

Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	126.00	23077	34.14	30.00

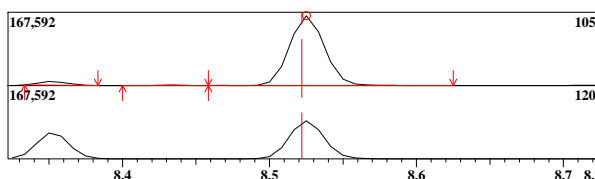


ID#:78 Name:1,3,5-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.525 Area:266517 Conc:22.40266ppb

Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	120.00	41515	55.43	50.00

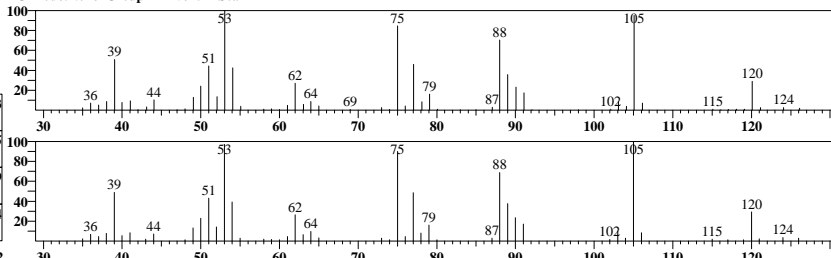


ID#:73 R.Time:8.000(Scan#:1561)

MassPeaks:59

RawMode:Averaged 7.975-8.025(1555-1567)

BG Mode:None Group 1 - Event 1 Scan

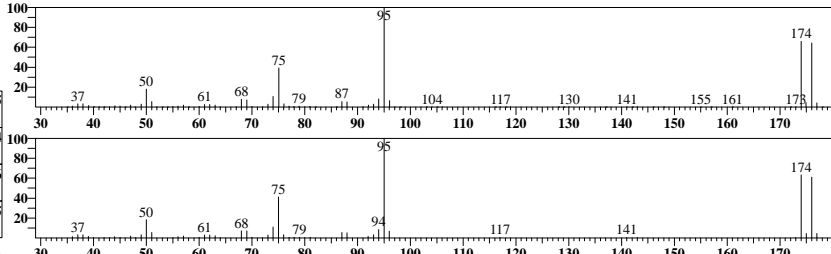


ID#:74 R.Time:8.125(Scan#:1591)

MassPeaks:82

RawMode:Averaged 8.108-8.158(1587-1599)

BG Mode:None Group 1 - Event 1 Scan

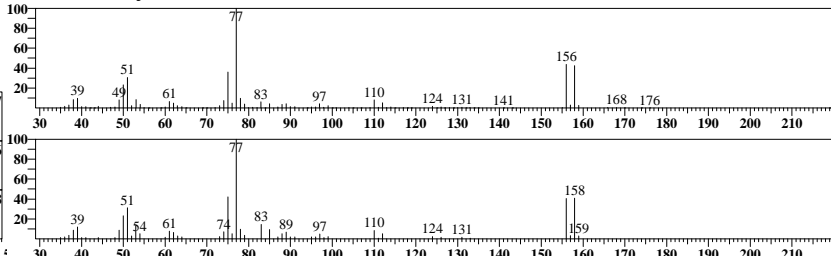


ID#:75 R.Time:8.275(Scan#:1627)

MassPeaks:94

RawMode:Averaged 8.250-8.300(1621-1633)

BG Mode:None Group 1 - Event 1 Scan

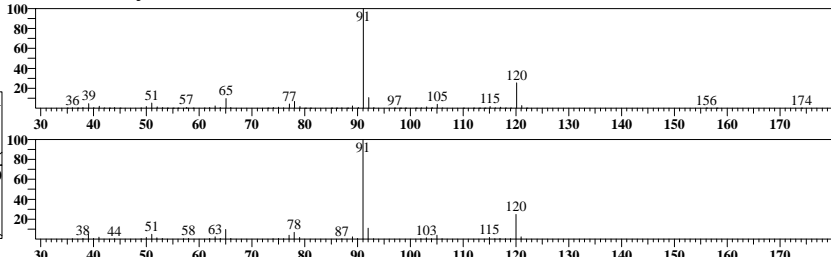


ID#:76 R.Time:8.350(Scan#:1645)

MassPeaks:70

RawMode:Averaged 8.325-8.375(1639-1651)

BG Mode:None Group 1 - Event 1 Scan

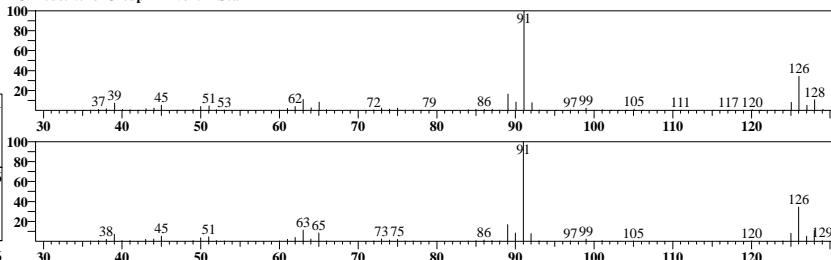


ID#:77 R.Time:8.450(Scan#:1669)

MassPeaks:68

RawMode:Averaged 8.425-8.475(1663-1675)

BG Mode:None Group 1 - Event 1 Scan

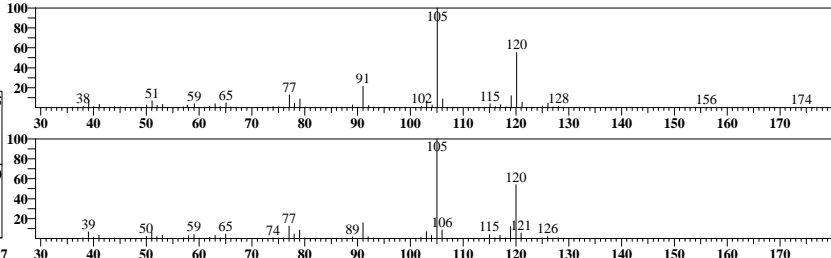


ID#:78 R.Time:8.525(Scan#:1687)

MassPeaks:84

RawMode:Averaged 8.500-8.550(1681-1693)

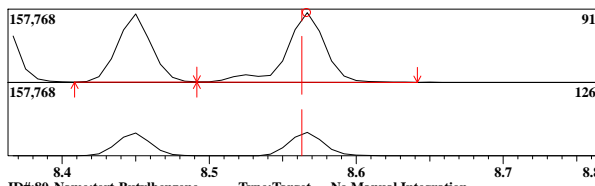
BG Mode:None Group 1 - Event 1 Scan



ID#:79 Name:4-Chlorotoluene Type:Target No Manual Integration

Mass:91.00 R.T:8.566 Area:271566 Conc:25.38792ppb
Event:1:Scan SI:97

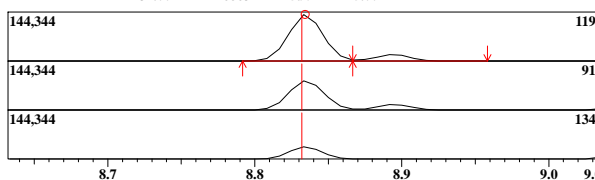
#	m/z	Area	Ratio	Reference
1	126.00	23744	33.39	30.00



ID#:80 Name:tert-Butylbenzene Type:Target No Manual Integration

Mass:119.00 R.T:8.834 Area:229303 Conc:24.28371ppb
Event:1:Scan SI:99

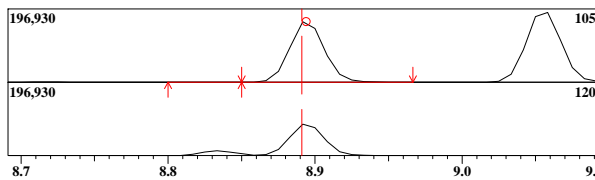
#	m/z	Area	Ratio	Reference
1	91.00	42170	64.99	70.00
2	134.00	16863	25.99	25.00



ID#:81 Name:1,2,4-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.894 Area:269628 Conc:22.97007ppb
Event:1:Scan SI:99

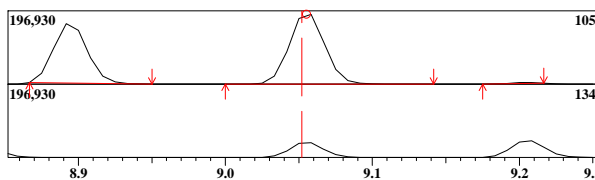
#	m/z	Area	Ratio	Reference
1	120.00	39914	52.51	45.00



ID#:82 Name:sec-Butylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.055 Area:322397 Conc:22.60421ppb
Event:1:Scan SI:99

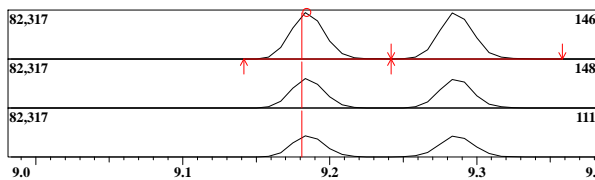
#	m/z	Area	Ratio	Reference
1	134.00	19144	20.95	20.00



ID#:83 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.185 Area:130898 Conc:22.69632ppb
Event:1:Scan SI:97

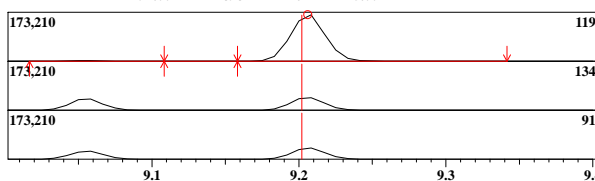
#	m/z	Area	Ratio	Reference
1	148.00	23179	62.92	60.00
2	111.00	16764	45.51	45.00



ID#:84 Name:p-iso-Propyltoluene Type:Target No Manual Integration

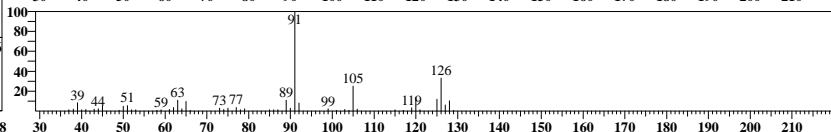
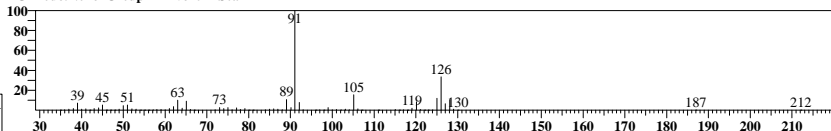
Mass:119.00 R.T:9.206 Area:279028 Conc:24.27202ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	134.00	21631	27.62	30.00
2	91.00	18984	24.24	25.00



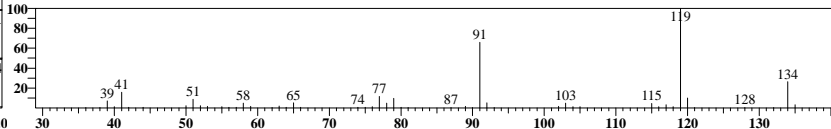
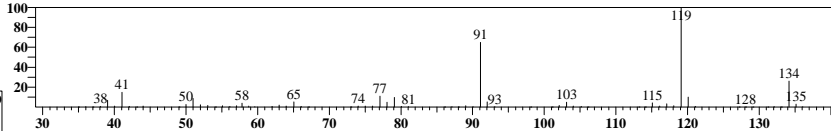
ID#:79 R.Time:8.567(Scan#:1697)

MassPeaks:84
RawMode:Averaged 8.542-8.592(1691-1703)
BG Mode:None Group 1 - Event 1 Scan



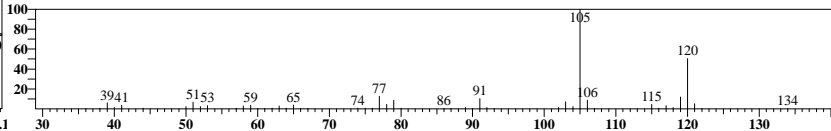
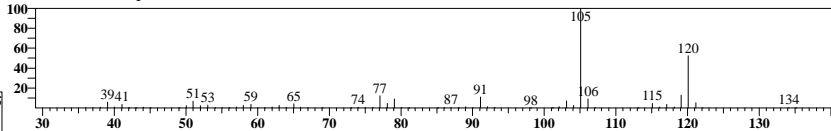
ID#:80 R.Time:8.833(Scan#:1761)

MassPeaks:70
RawMode:Averaged 8.808-8.858(1755-1767)
BG Mode:None Group 1 - Event 1 Scan



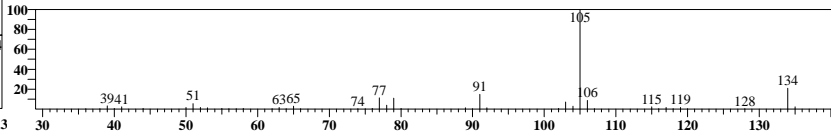
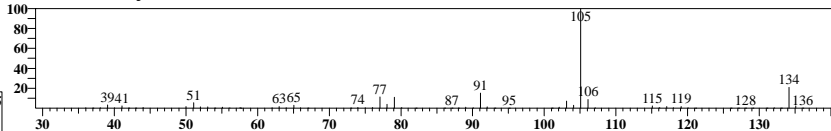
ID#:81 R.Time:8.892(Scan#:1775)

MassPeaks:67
RawMode:Averaged 8.867-8.917(1769-1781)
BG Mode:None Group 1 - Event 1 Scan



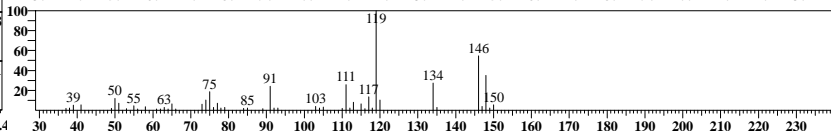
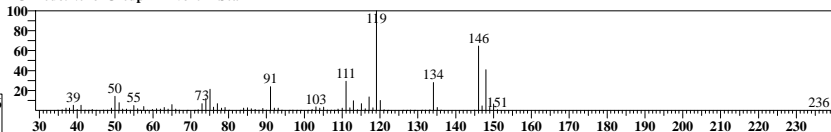
ID#:82 R.Time:9.058(Scan#:1815)

MassPeaks:66
RawMode:Averaged 9.033-9.083(1809-1821)
BG Mode:None Group 1 - Event 1 Scan



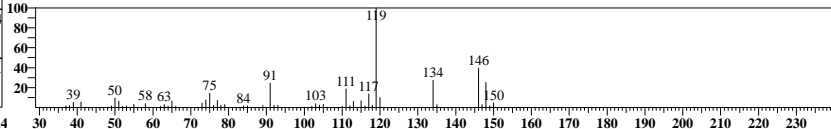
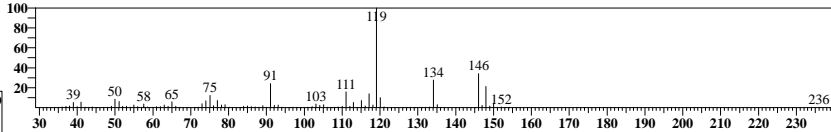
ID#:83 R.Time:9.200(Scan#:1849)

MassPeaks:99
RawMode:Averaged 9.158-9.208(1839-1851)
BG Mode:None Group 1 - Event 1 Scan



ID#:84 R.Time:9.200(Scan#:1849)

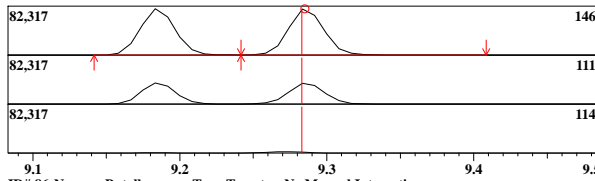
MassPeaks:101
RawMode:Averaged 9.183-9.233(1845-1857)
BG Mode:None Group 1 - Event 1 Scan



ID#:85 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.285 Area:132957 Conc:22.32259ppb

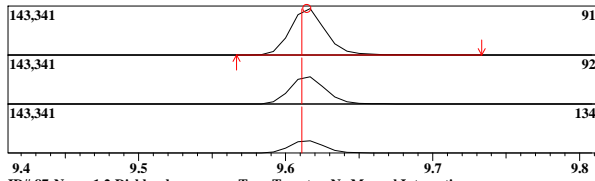
#	m/z	Area	Ratio	Reference
1	111.00	17320	46.68	44.00
2	114.00	1370	3.69	2.00



ID#:86 Name:n-Butylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:9.614 Area:229553 Conc:22.63774ppb

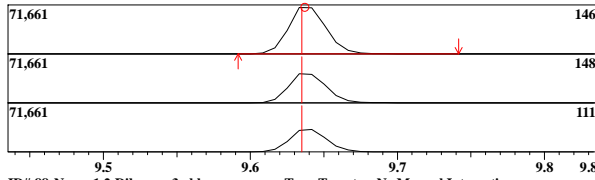
#	m/z	Area	Ratio	Reference
1	92.00	38520	60.58	60.00
2	134.00	17243	27.12	25.00



ID#:87 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.637 Area:125312 Conc:22.68867ppb

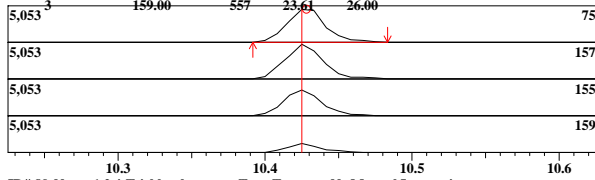
#	m/z	Area	Ratio	Reference
1	148.00	21625	62.72	60.00
2	111.00	16458	47.74	45.00



ID#:88 Name:1,2-Dibromo-3-chloropropane Type:Target No Manual Integration

Mass:75.00 R.T:10.428 Area:8660 Conc:21.85189ppb

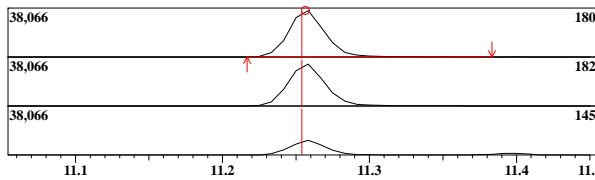
#	m/z	Area	Ratio	Reference
1	157.00	2391	101.36	80.00
2	155.00	1803	76.43	60.00
3	159.00	557	23.61	26.00



ID#:89 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.257 Area:63840 Conc:25.45222ppb

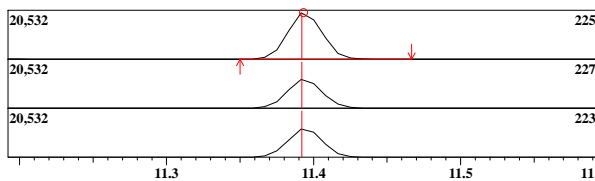
#	m/z	Area	Ratio	Reference
1	182.00	16136	92.59	90.00
2	145.00	5509	31.61	40.00



ID#:90 Name:Hexachlorobutadiene Type:Target No Manual Integration

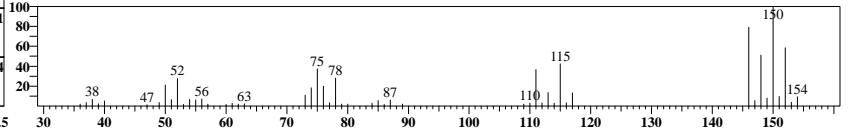
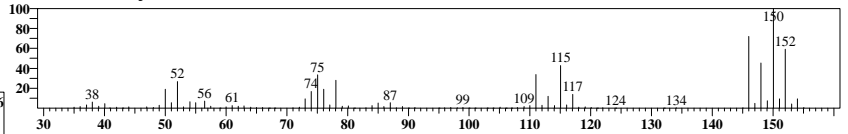
Mass:225.00 R.T:11.393 Area:32747 Conc:23.83045ppb

#	m/z	Area	Ratio	Reference
1	227.00	5853	63.61	66.00
2	223.00	5709	62.04	66.00



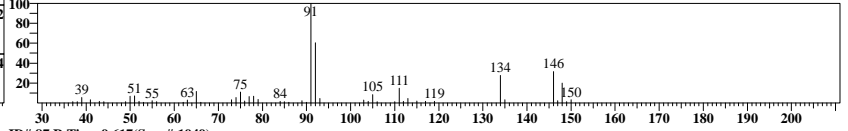
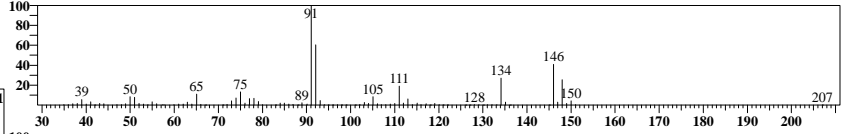
ID#:85 R.Time:9.267(Scan#:1865)

MassPeaks:92
RawMode:Averaged 9.258-9.308(1863-1875)
BG Mode:None Group 1 - Event 1 Scan



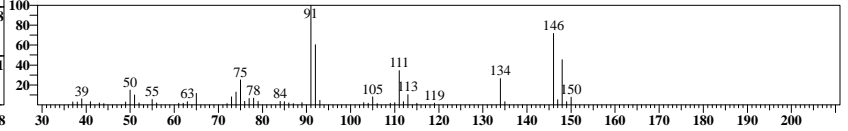
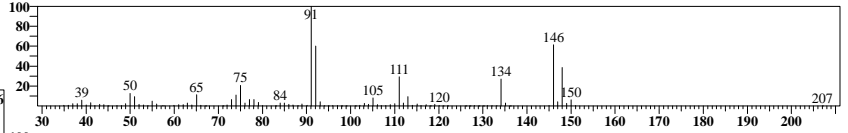
ID#:86 R.Time:9.617(Scan#:1949)

MassPeaks:98
RawMode:Averaged 9.592-9.642(1943-1955)
BG Mode:None Group 1 - Event 1 Scan



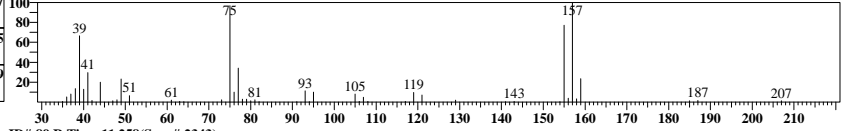
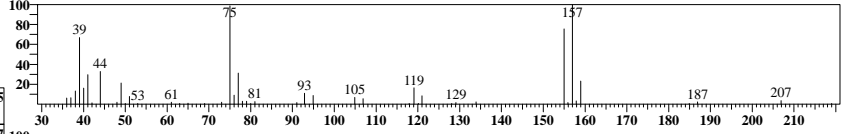
ID#:87 R.Time:9.617(Scan#:1949)

MassPeaks:99
RawMode:Averaged 9.608-9.658(1947-1959)
BG Mode:None Group 1 - Event 1 Scan



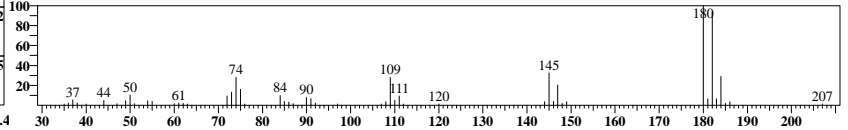
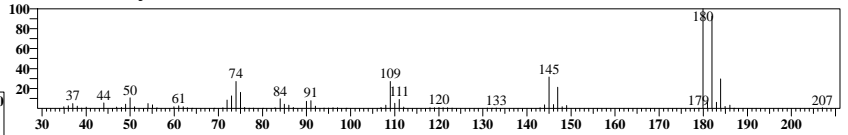
ID#:88 R.Time:10.425(Scan#:2143)

MassPeaks:46
RawMode:Averaged 10.400-10.450(2137-2149)
BG Mode:None Group 1 - Event 1 Scan



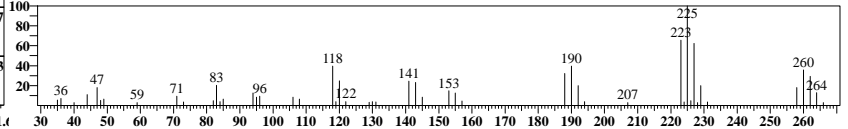
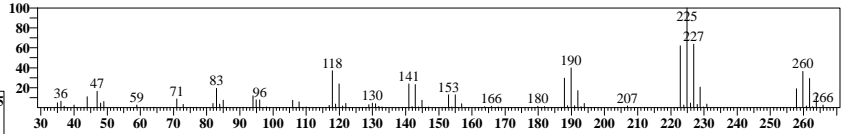
ID#:89 R.Time:11.258(Scan#:2343)

MassPeaks:75
RawMode:Averaged 11.233-11.283(2337-2349)
BG Mode:None Group 1 - Event 1 Scan



ID#:90 R.Time:11.392(Scan#:2375)

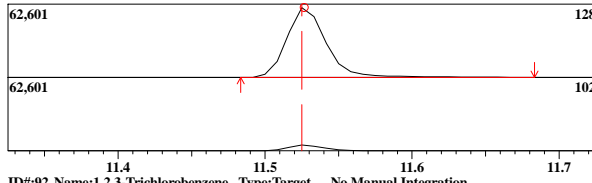
MassPeaks:89
RawMode:Averaged 11.367-11.417(2369-2381)
BG Mode:None Group 1 - Event 1 Scan



ID#:91 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:11.527 Area:112019 Conc:25.50497ppb
Event:1:Scan SI:98

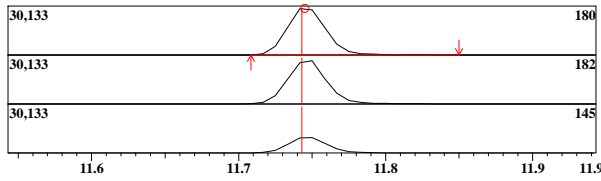
#	m/z	Area	Ratio	Reference
1	102.00	2370	7.95	2.00



ID#:92 Name:1,2,3-Trichlorobenzene Type:Target No Manual Integration

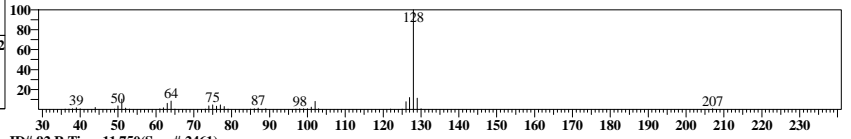
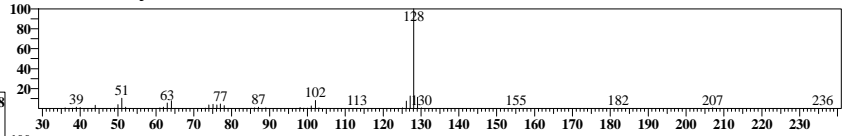
Mass:180.00 R.T:11.745 Area:54850 Conc:24.56178ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	182.00	13835	92.80	90.00
2	145.00	5063	33.96	40.00



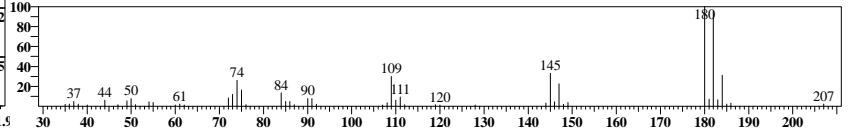
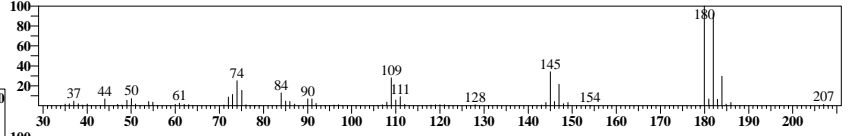
ID#:91 R.Time:11.525(Scan#:2407)

MassPeaks:48
RawMode:Averaged 11.500-11.550(2401-2413)
BG Mode:None Group 1 - Event 1 Scan



ID#:92 R.Time:11.750(Scan#:2461)

MassPeaks:75
RawMode:Averaged 11.717-11.767(2453-2465)
BG Mode:None Group 1 - Event 1 Scan



Before Manual Integrations

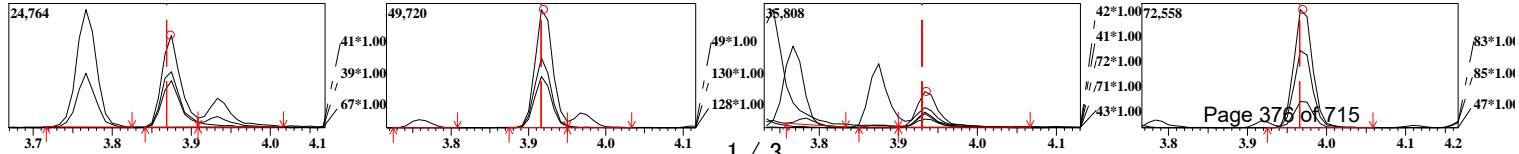
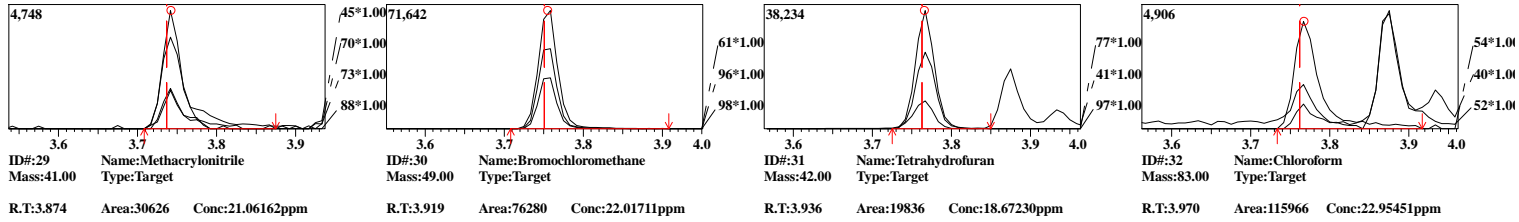
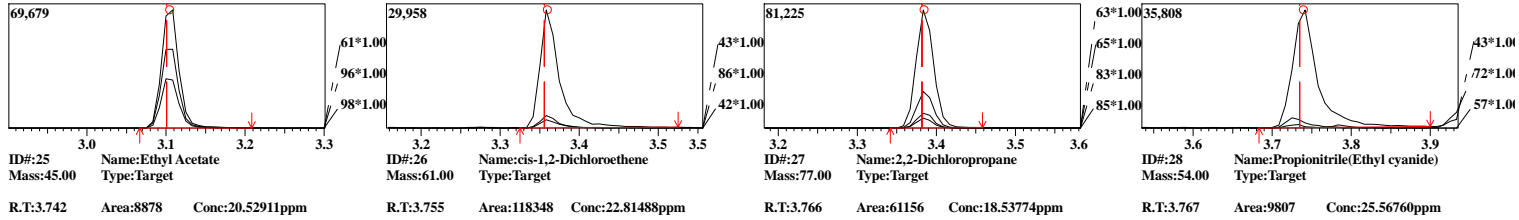
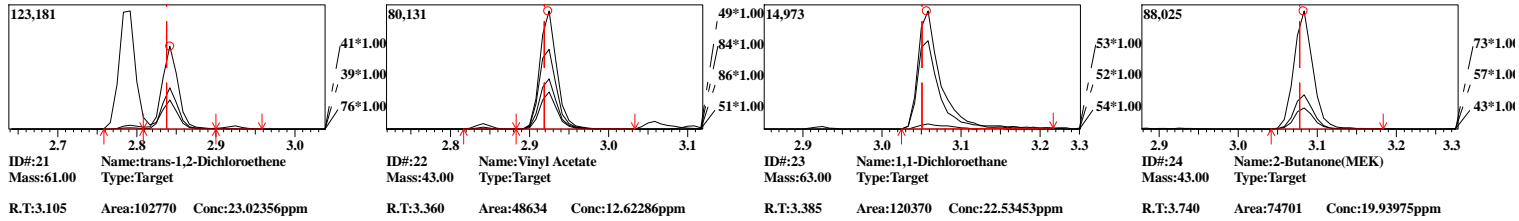
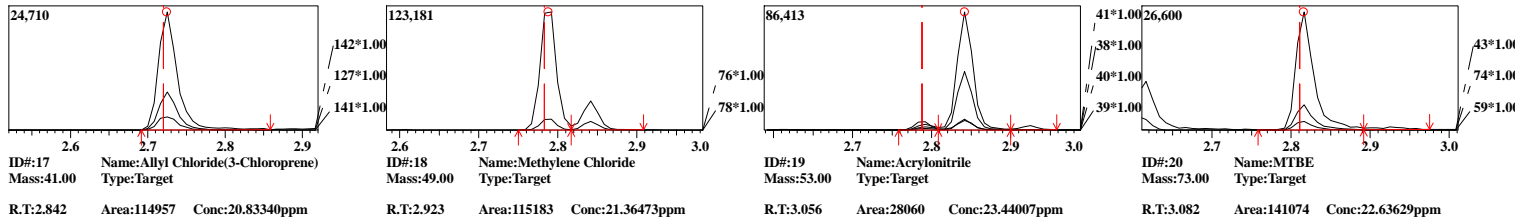
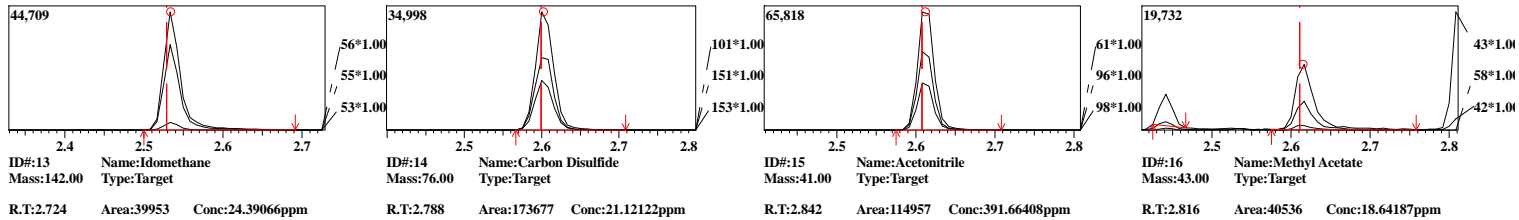
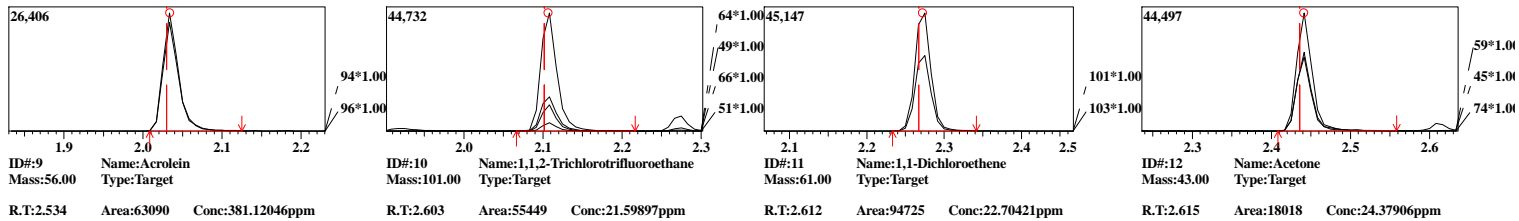
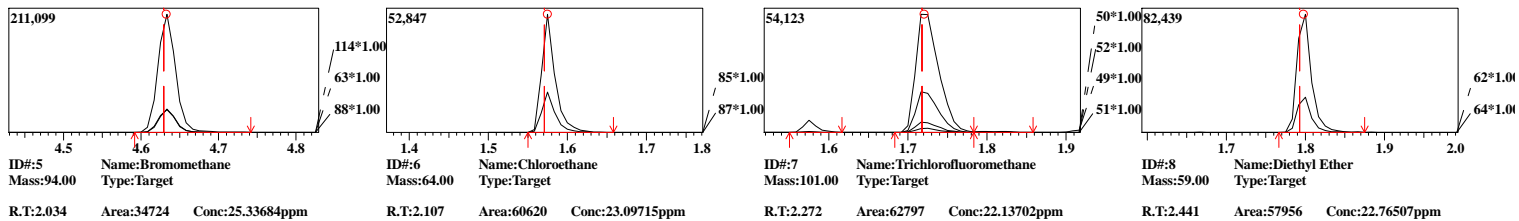
Analyst: AS
Method: 8260C
Sample ID: ENDCCV
Date: 1/21/2022
Time: 20:40:33
Dilution: 1

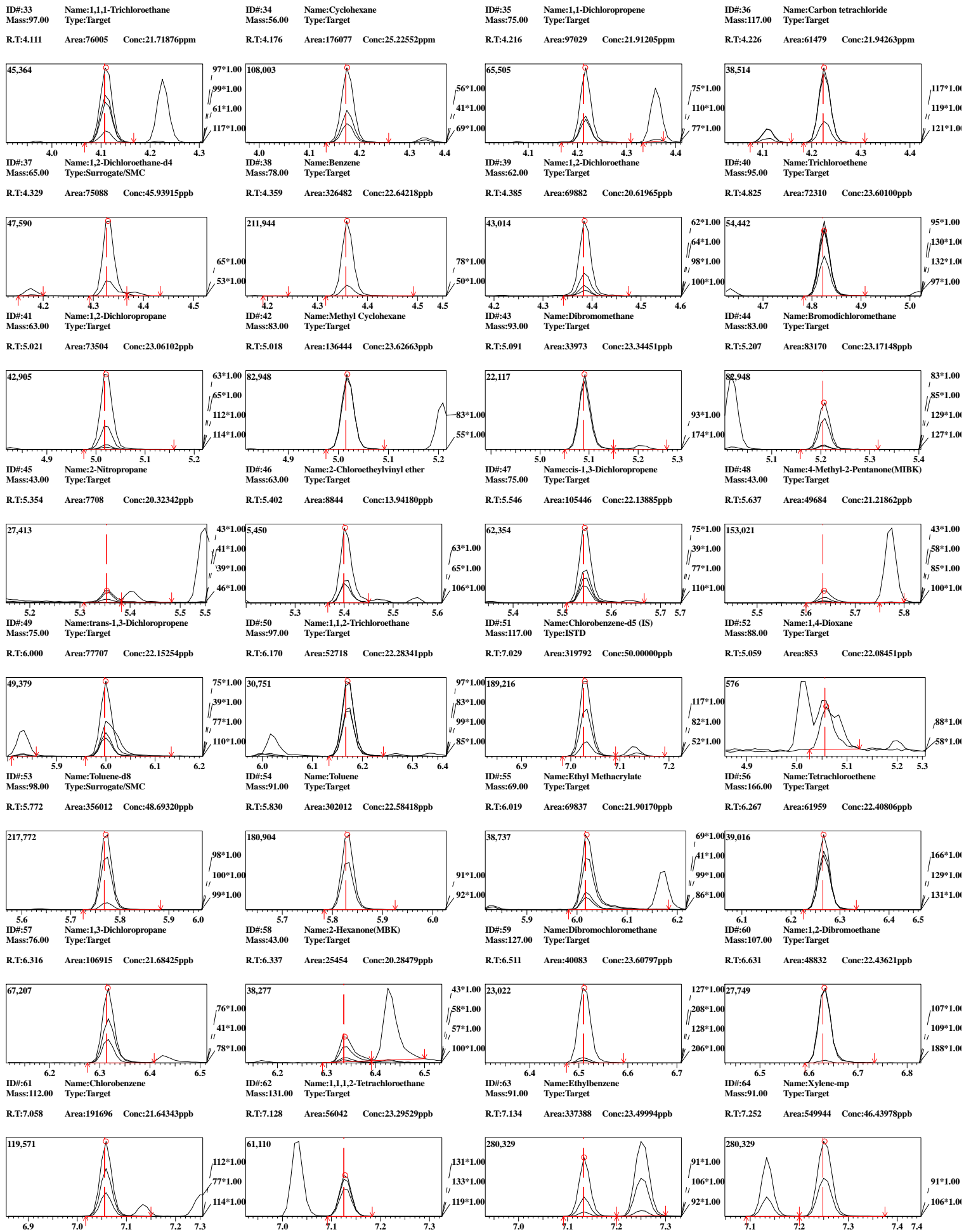
Instr: J1A
Batch:

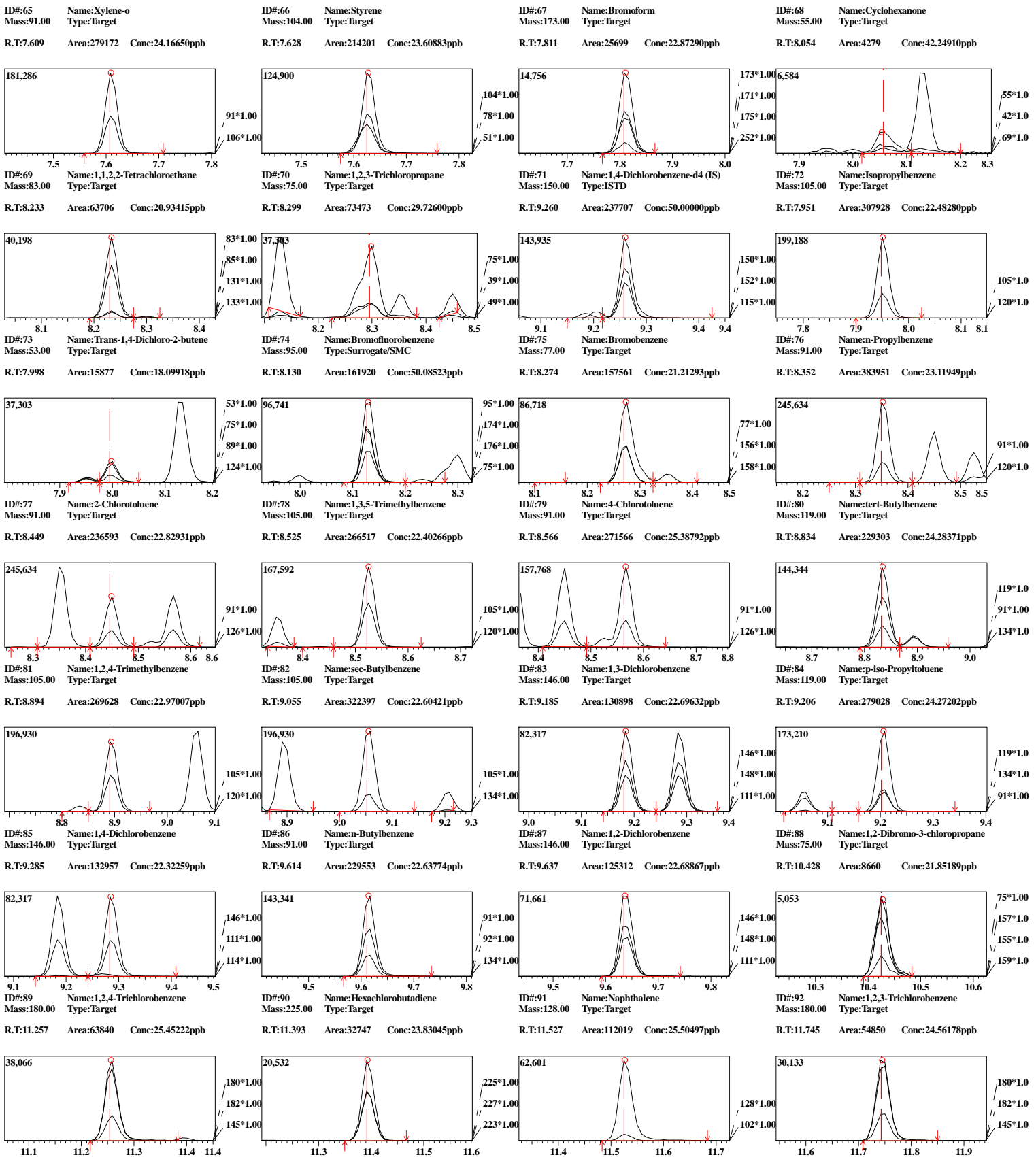
Trace Number: VOC-B012-F29X

Data File: C:\GCMSsolution\Data\220121_BEFORES\220121A031.qgd
Method File: C:\GCMSsolution\Data\8260-W-220110A.qgm
Sample Name: ENDCCV

ID#	Name	Mass	Type	R.T.	Area	Conc.	ID#	Name	Mass	Type	R.T.	Area	Conc.	ID#	Name	Mass	Type	R.T.	Area	Conc.	ID#	Name	Mass	Type	R.T.	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	ISTD	4.633	320359	50.00000ppm	2	Dichlorodifluoromethane	85.00	Target	1.575	59446	18.42502ppm	3	Chloromethane	50.00	Target	1.721	105250	19.87581ppm	4	Vinyl Chloride	62.00	Target	1.798	100956	22.36142ppm









FORM 8

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Run Number 220110A-8260-ICAL
Method SW-846 8260C
Instrument ID J1A

Seq Sample ID	Analysis		DF	Matrix	Data File
	Date	Time			
2. IB	1/10/2022	14:33	1	WATER	220110A015.qgd
3. TUNE	1/10/2022	14:33	1	WATER	220110A015.qgd
4. ICAL1	1/10/2022	14:57	1	WATER	220110A016.qgd
5. ICAL2	1/10/2022	15:21	1	WATER	220110A017.qgd
6. ICAL3	1/10/2022	15:46	1	WATER	220110A018.qgd
7. ICAL4	1/10/2022	16:10	1	WATER	220110A019.qgd
8. ICAL5	1/10/2022	16:34	1	WATER	220110A020.qgd
9. ICAL6	1/10/2022	16:59	1	WATER	220110A021.qgd
10. ICAL7	1/10/2022	17:23	1	WATER	220110A022.qgd
13. IB	1/11/2022	09:53	1	WATER	220110A035.qgd
14. TUNE	1/11/2022	09:53	1	WATER	220110A035.qgd
15. ICV1	1/11/2022	10:18	1	WATER	220110A036.qgd



FORM 8

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Run Number 220121A-8260
Method SW-846 8260C
Instrument ID J1A

Seq Sample ID	Analysis		DF	Matrix	Data File
	Date	Time			
3. IB	1/21/2022	08:53	1	WATER	220121A002.qgd
3. TUNE	1/21/2022	08:53	1	WATER	220121A002.qgd
3. 4178675	1/21/2022	08:53	1	WATER	220121A002.qgd
4. CCV	1/21/2022	09:17	1	WATER	220121A003.qgd
4. 4178676	1/21/2022	09:17	1	WATER	220121A003.qgd
6. J2200963001	1/21/2022	10:06	1	WATER	220121A005.qgd
7. J2200963002	1/21/2022	10:30	1	WATER	220121A006.qgd
8. J2200963003	1/21/2022	10:55	1	WATER	220121A007.qgd
9. J2200963004	1/21/2022	11:19	1	WATER	220121A008.qgd
10. J2200963005	1/21/2022	11:44	1	WATER	220121A009.qgd
11. J2200963006	1/21/2022	12:08	1	WATER	220121A010.qgd
12. J2200963007	1/21/2022	12:33	5	WATER	220121A011.qgd
13. J2200963008	1/21/2022	12:57	1	WATER	220121A012.qgd
14. J2200963009	1/21/2022	13:21	1	WATER	220121A013.qgd
15. J2200963010	1/21/2022	13:46	1	WATER	220121A014.qgd
29. 4178677	1/21/2022	19:27	1	WATER	220121A028.qgd
30. 4178678	1/21/2022	19:51	1	WATER	220121A029.qgd
32. ENDCCV	1/21/2022	20:40	1	WATER	220121A031.qgd

Semi-Volatile PAHs by Sim Analysis Section

Result Summary Reports



Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2200963002		Client ID:	RSA306-2805-A1006	
Date Collected:	1/18/2022		File ID:	220125P009.D	
Date Analyzed:	1/25/2022	16:05	Matrix:	WATER	
Date Extracted:	1/24/2022	09:00	Instrument ID:	J7P	
Dilution:	1		Analytical Run ID:	220125P-SIM-DOD	
Sample Wt/Vol:	1000.00	mL	% Moisture:	100	
Extract Vol:	1000	uL	Lims Prep Batch:	3286	
Prep Method:	SW-846 3510C		Lims Analytical Batch:	1842	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.050	U,J	0.025	0.050	0.10	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P009.D
 Acq On : 25 Jan 2022 4:05 pm
 Operator : BDE
 Sample : J2200963002/J2201167001
 Misc : 8270D SIM-1842/1843
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 25 16:28:44 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

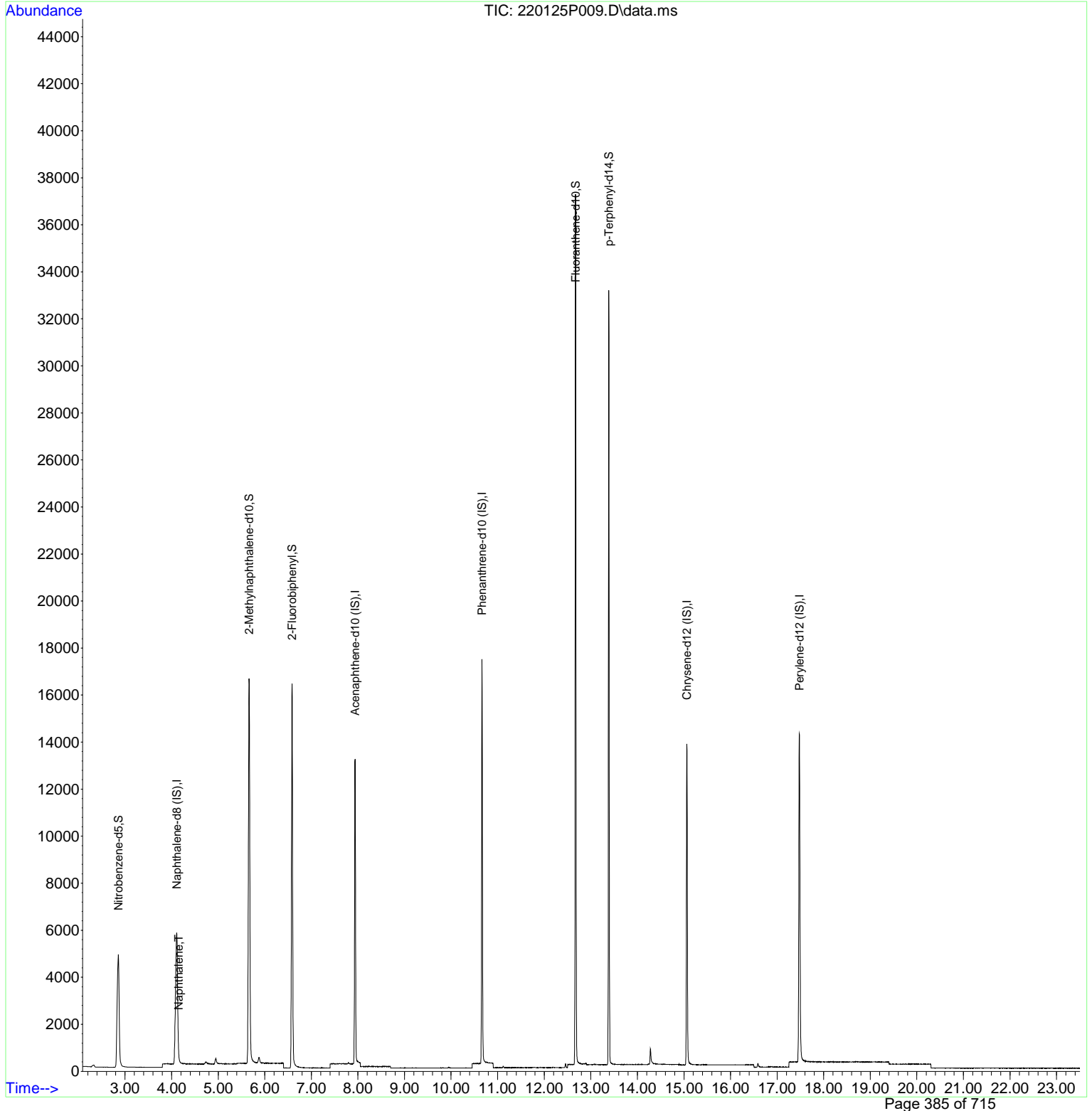
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

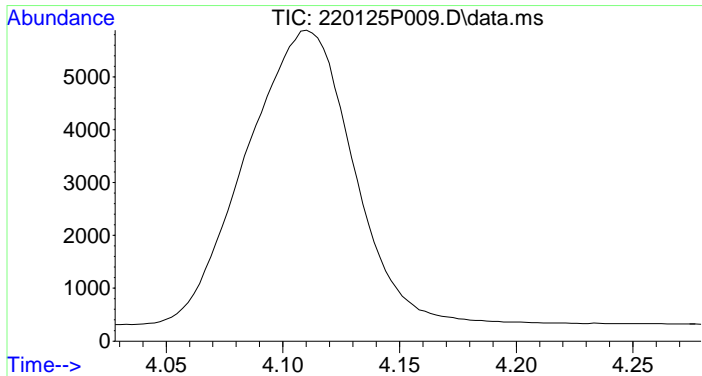
Internal Standards						
1) Naphthalene-d8 (IS)	4.110	136	15530	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	8215	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.665	188	15591	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.062	240	14038	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.479	264	15416	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.855	82	7660	7.919	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.664	152	15418	7.755	ug/ml	0.00
8) 2-Fluorobiphenyl	6.587	172	20729	7.296	ug/ml	0.00
17) Fluoranthene-d10	12.673	212	35624	9.962	ug/ml	-0.02
21) p-Terphenyl-d14	13.387	244	27361	9.150	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	4.154	128	109m	0.031	ug/ml	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	0.000		0	N.D.		
11) Dibenzofuran	0.000		0	N.D.		
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	0.000		0	N.D.	d	
18) Fluoranthene	0.000		0	N.D.	d	
20) Pyrene	0.000		0	N.D.	d	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P009.D
 Acq On : 25 Jan 2022 4:05 pm
 Operator : BDE
 Sample : J2200963002/J2201167001
 Misc : 8270D SIM-1842/1843
 ALS Vial : 9 Sample Multiplier: 1

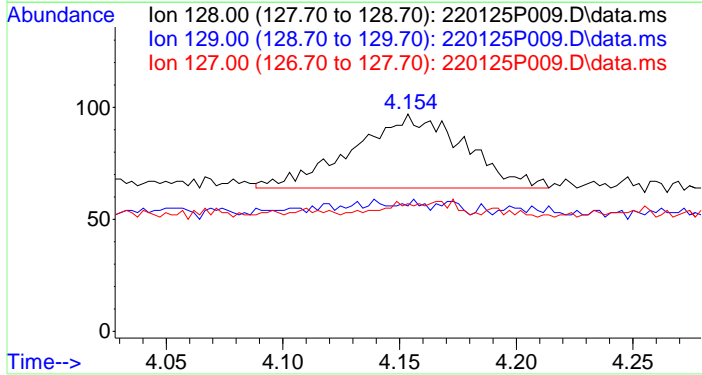
Quant Time: Jan 25 16:28:44 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





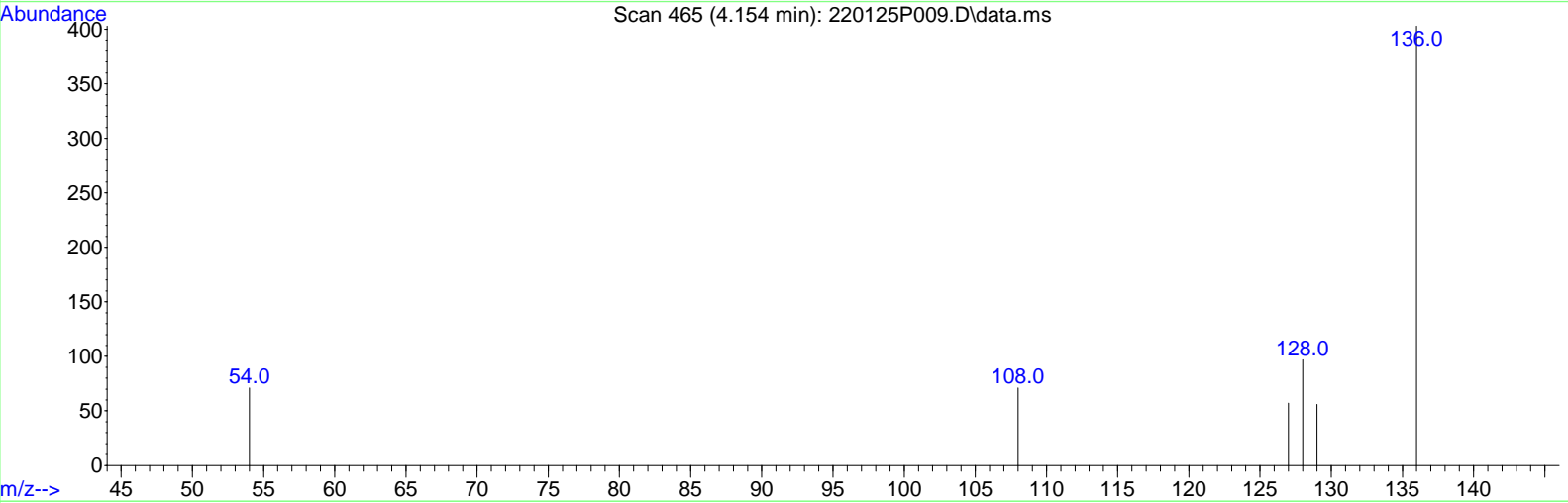
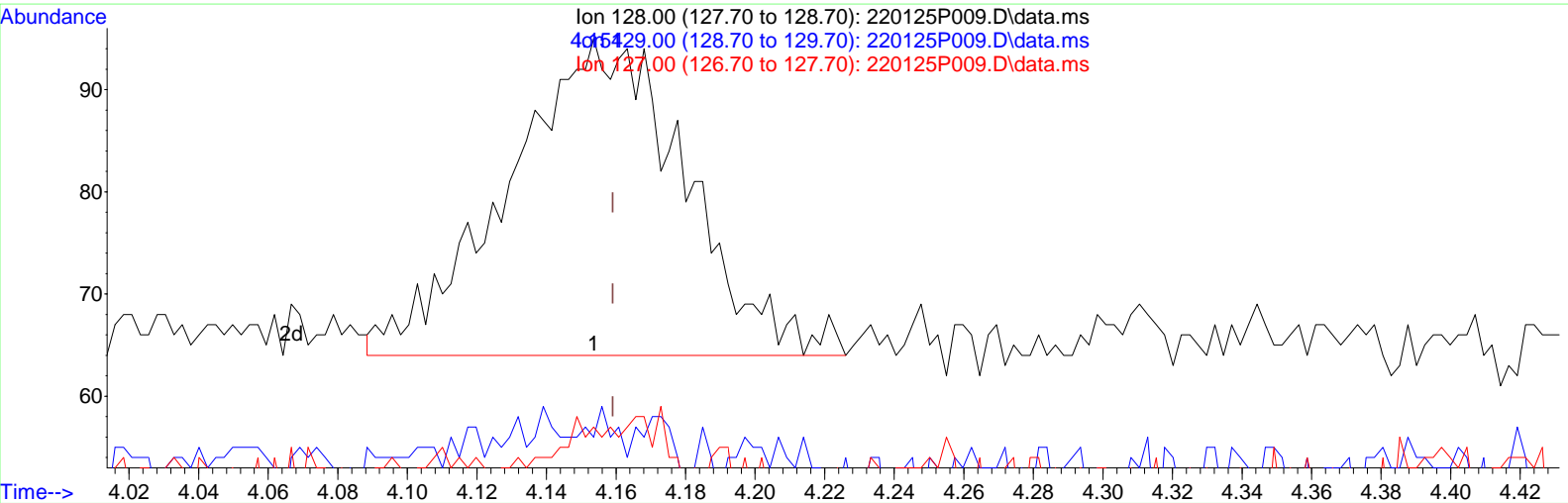
#3
 Naphthalene
 Concen: 0.031 ug/ml m
 RT: 4.154 min Scan# 465
 Delta R.T. -0.005 min
 Lab File: 220125P009.D
 Acq: 25 Jan 2022 4:05 pm

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	41.0
127	0.0	0.0	42.9



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P009.D
 Acq On : 25 Jan 2022 4:05 pm
 Operator : BDE
 Sample : J2200963002/J2201167001
 Misc : 8270D SIM-1842/1843
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 25 16:28:44 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(3) Naphthalene (T)

4.154min (-0.005) 0.031 ug/ml

response 110

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.00	0.00
127.00	12.90	0.00
0.00	0.00	0.00

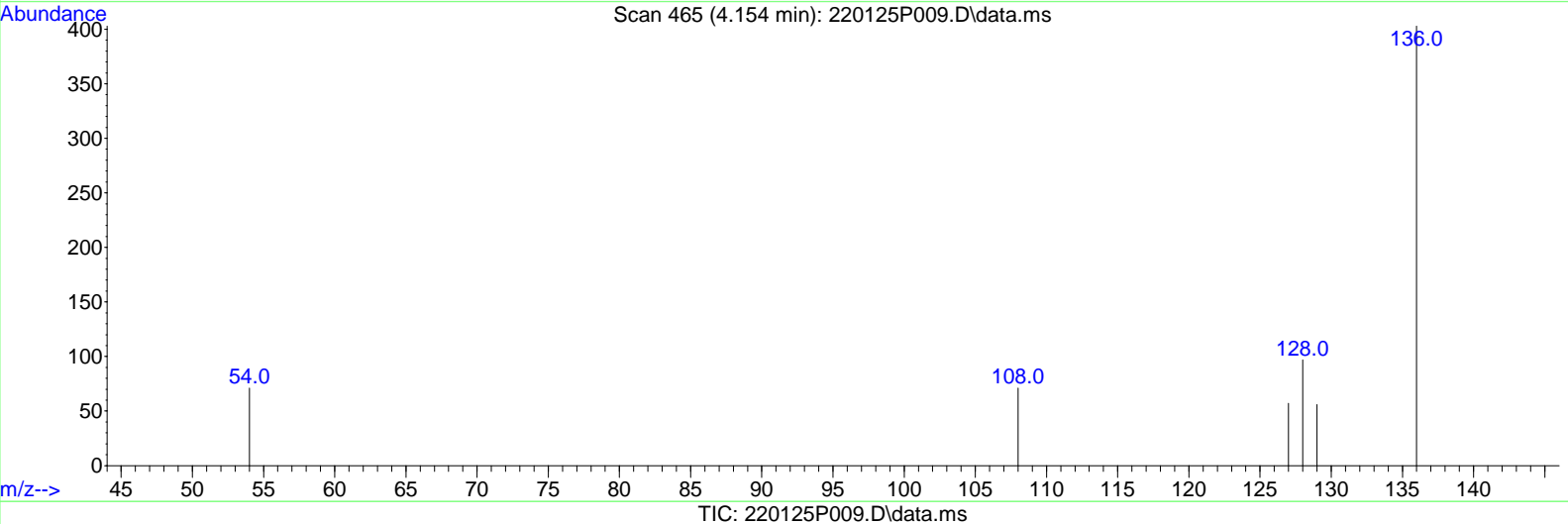
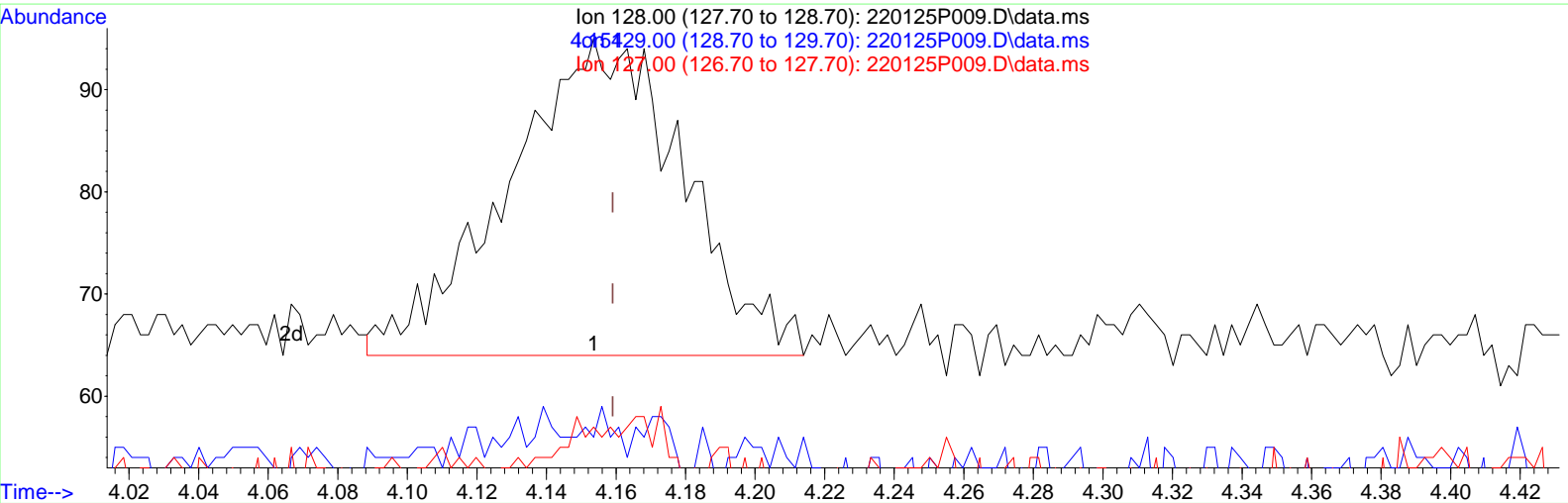
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P009.D
 Acq On : 25 Jan 2022 4:05 pm
 Operator : BDE
 Sample : J2200963002/J2201167001
 Misc : 8270D SIM-1842/1843
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 25 16:28:44 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(3) Naphthalene (T)

4.154min (-0.005) 0.031 ug/ml m

response 109

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.00	0.00
127.00	12.90	0.00
0.00	0.00	0.00



Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2200963003	Client ID:	RSA306-2806-A1007
Date Collected:	1/18/2022	File ID:	220125P010.D
Date Analyzed:	1/25/2022 16:32	Matrix:	WATER
Date Extracted:	1/24/2022 09:00	Instrument ID:	J7P
Dilution:	1	Analytical Run ID:	220125P-SIM-DOD
Sample Wt/Vol:	1000.00 mL	% Moisture:	100
Extract Vol:	1000 uL	Lims Prep Batch:	3286
Prep Method:	SW-846 3510C	Lims Analytical Batch:	1842

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.050	U	0.025	0.050	0.10	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P010.D
 Acq On : 25 Jan 2022 4:32 pm
 Operator : BDE
 Sample : J2200963003
 Misc : 8270D SIM-1842
 ALS Vial : 10 Sample Multiplier: 1

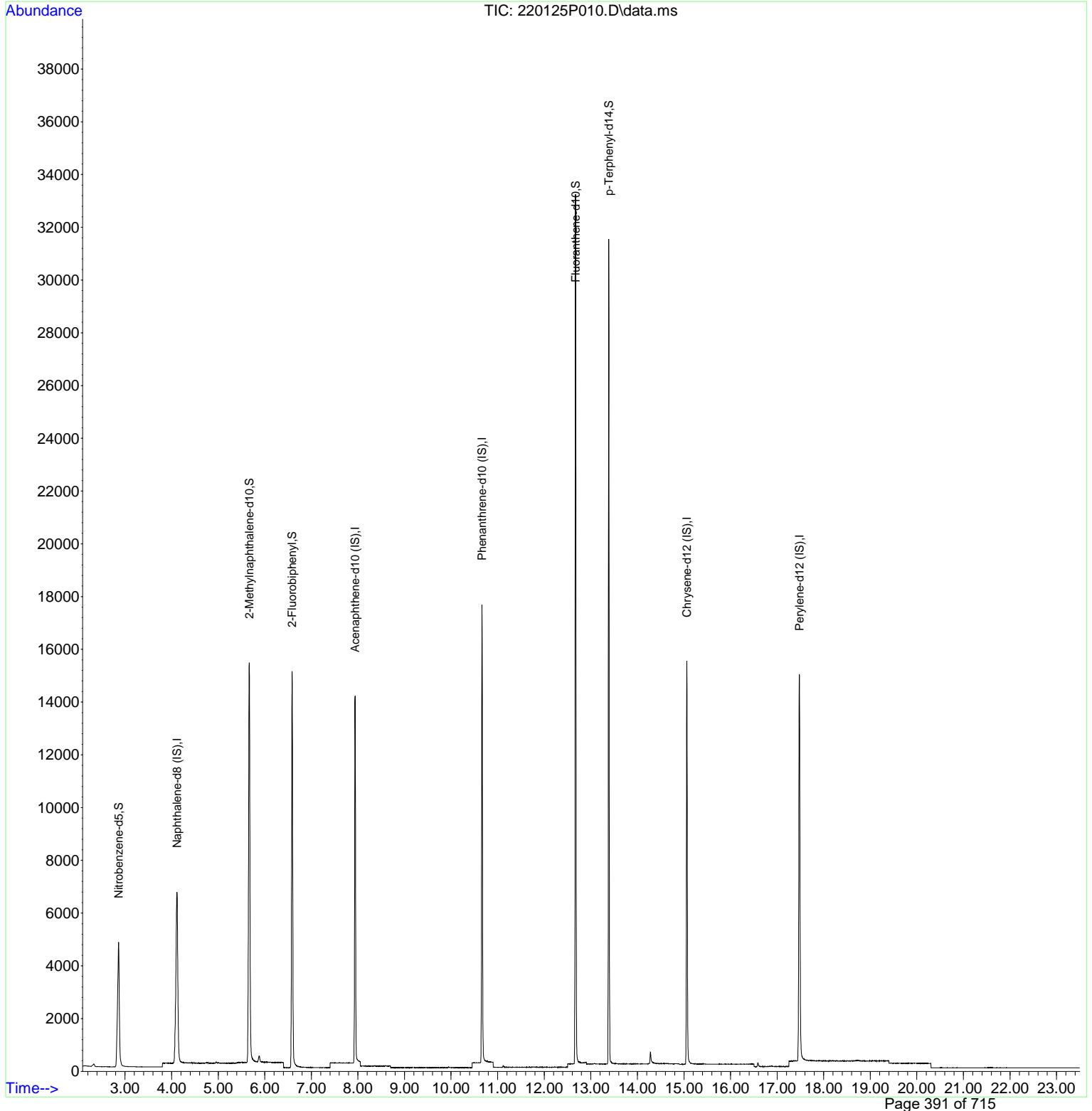
Quant Time: Jan 25 16:55:47 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8 (IS)	4.115	136	16479	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	8623	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.665	188	16420	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.062	240	14601	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.479	264	15934	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.860	82	6721	6.548	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.666	152	13841	6.561	ug/ml	0.00
8) 2-Fluorobiphenyl	6.587	172	18595	6.235	ug/ml	0.00
17) Fluoranthene-d10	12.673	212	34251	9.094	ug/ml	-0.01
21) p-Terphenyl-d14	13.387	244	25965	8.348	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	0.000		0	N.D.	d	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	0.000		0	N.D.		
11) Dibenzofuran	0.000		0	N.D.		
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	0.000		0	N.D.	d	
18) Fluoranthene	0.000		0	N.D.	d	
20) Pyrene	0.000		0	N.D.	d	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P010.D
 Acq On : 25 Jan 2022 4:32 pm
 Operator : BDE
 Sample : J2200963003
 Misc : 8270D SIM-1842
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 25 16:55:47 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2200963004		Client ID:	RSA306-2807-A1008			
Date Collected:	1/18/2022		File ID:	220125P011.D			
Date Analyzed:	1/25/2022	16:59	Matrix:	WATER			
Date Extracted:	1/24/2022	09:00	Instrument ID:	J7P			
Dilution:	1		Analytical Run ID:	220125P-SIM-DOD			
Sample Wt/Vol:	1000.00	mL	% Moisture:	100			
Extract Vol:	1000	uL	Lims Prep Batch:	3286			
Prep Method:	SW-846 3510C		Lims Analytical Batch:	1842			

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.050	U	0.025	0.050	0.10	ug/L

* Analyte Reported in SIM Mode

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P011.D
 Acq On : 25 Jan 2022 4:59 pm
 Operator : BDE
 Sample : J2200963004
 Misc : 8270D SIM-1842
 ALS Vial : 11 Sample Multiplier: 1

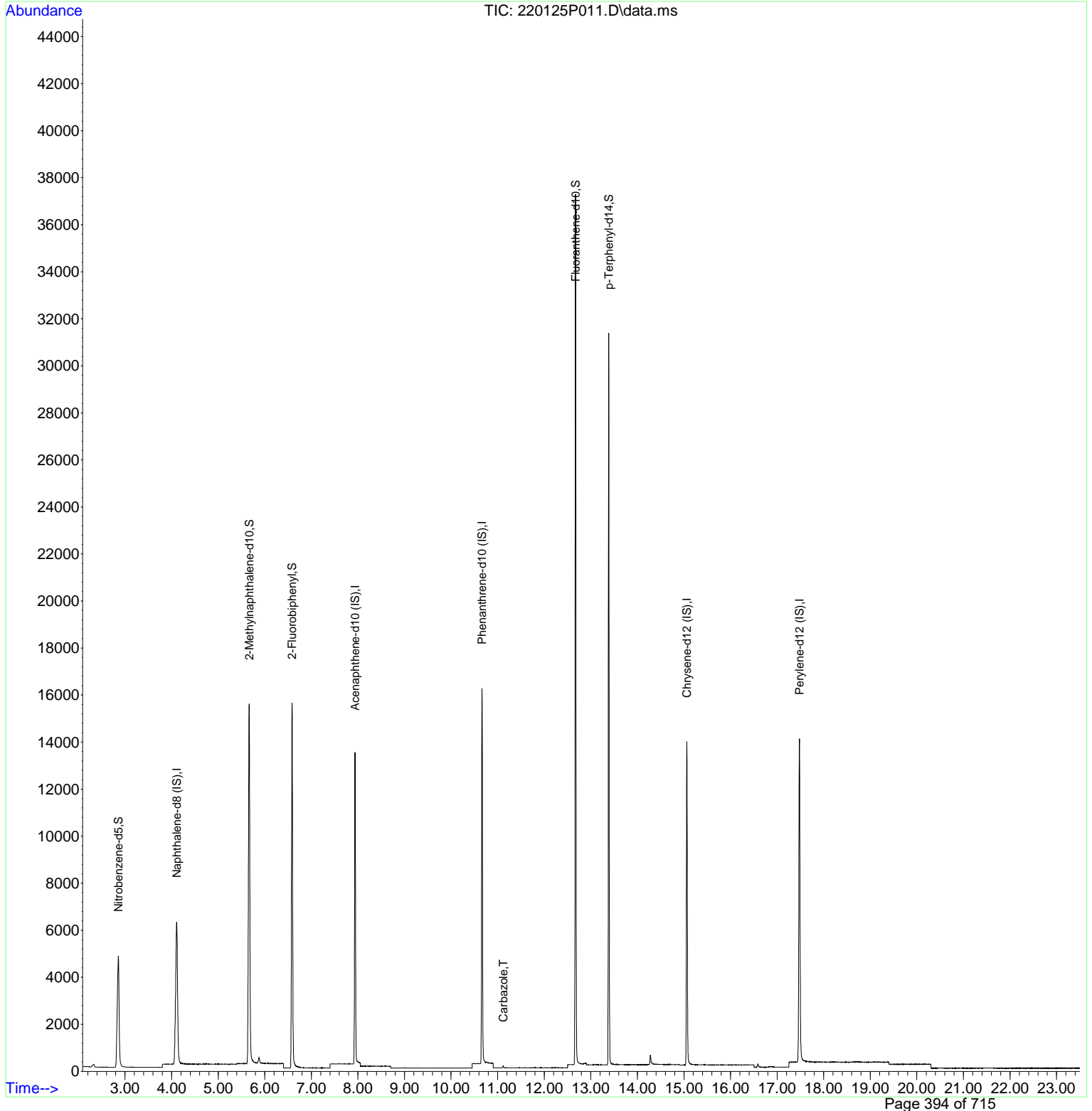
Quant Time: Jan 25 17:22:47 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

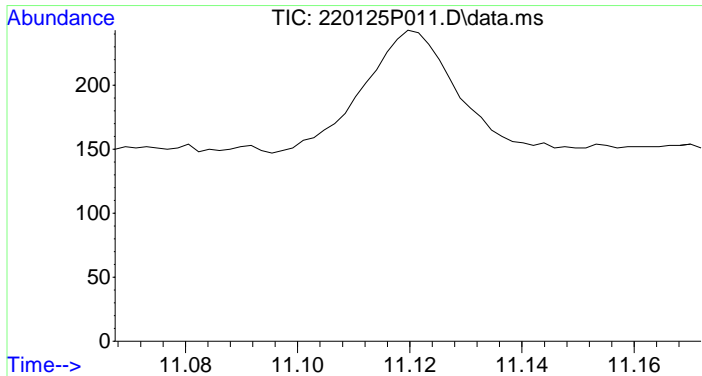
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8 (IS)	4.108	136	15407	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	8176	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.665	188	15381	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.062	240	13716	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.479	264	14944	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.855	82	6841	7.129	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.666	152	13955	7.075	ug/ml	0.00
8) 2-Fluorobiphenyl	6.587	172	19030	6.730	ug/ml	0.00
17) Fluoranthene-d10	12.673	212	37005	10.489	ug/ml	-0.01
21) p-Terphenyl-d14	13.384	244	26421	9.043	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	0.000		0	N.D.	d	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	0.000		0	N.D.		
11) Dibenzofuran	0.000		0	N.D.		
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	11.120	167	104m	0.029	ug/ml	
18) Fluoranthene	0.000		0	N.D.	d	
20) Pyrene	0.000		0	N.D.	d	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P011.D
 Acq On : 25 Jan 2022 4:59 pm
 Operator : BDE
 Sample : J2200963004
 Misc : 8270D SIM-1842
 ALS Vial : 11 Sample Multiplier: 1

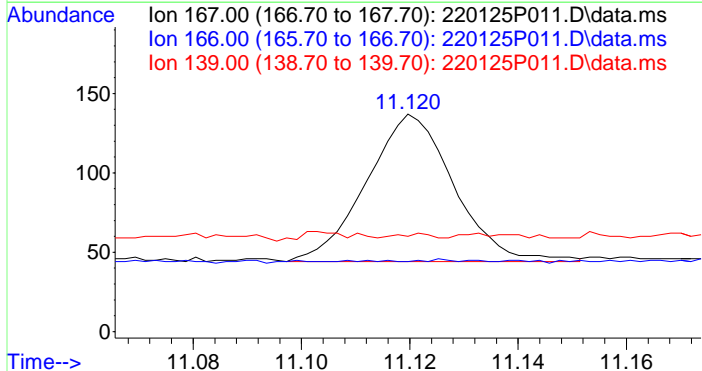
Quant Time: Jan 25 17:22:47 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





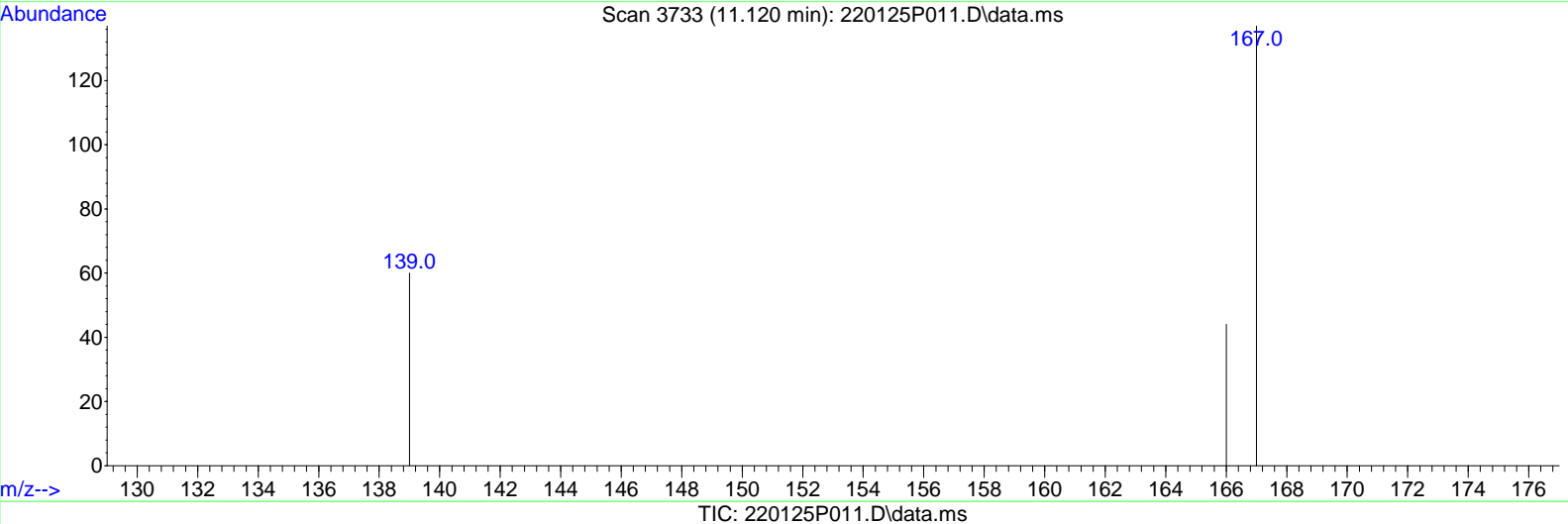
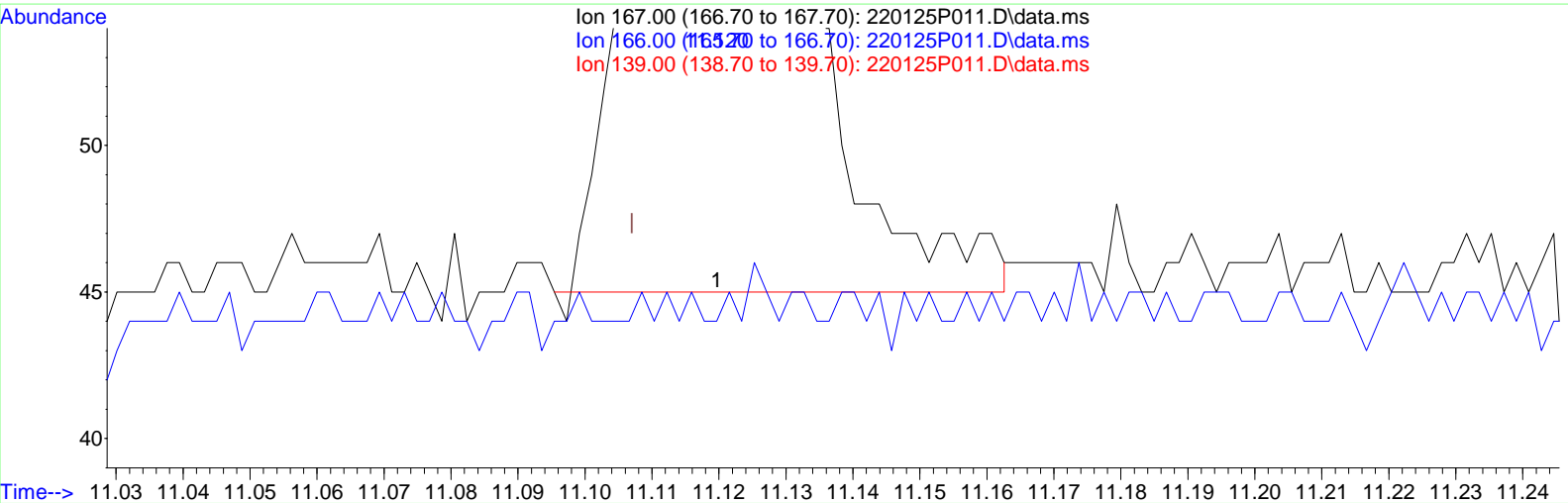
#16
 Carbazole
 Concen: 0.029 ug/ml m
 RT: 11.120 min Scan# 3733
 Delta R.T. 0.013 min
 Lab File: 220125P011.D
 Acq: 25 Jan 2022 4:59 pm

Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	0.0	52.6
139	0.0	0.0	42.2



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P011.D
 Acq On : 25 Jan 2022 4:59 pm
 Operator : BDE
 Sample : J2200963004
 Misc : 8270D SIM-1842
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 25 17:22:47 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(16) Carbazole (T)

11.120min (+ 0.013) 0.029 ug/ml

response 102

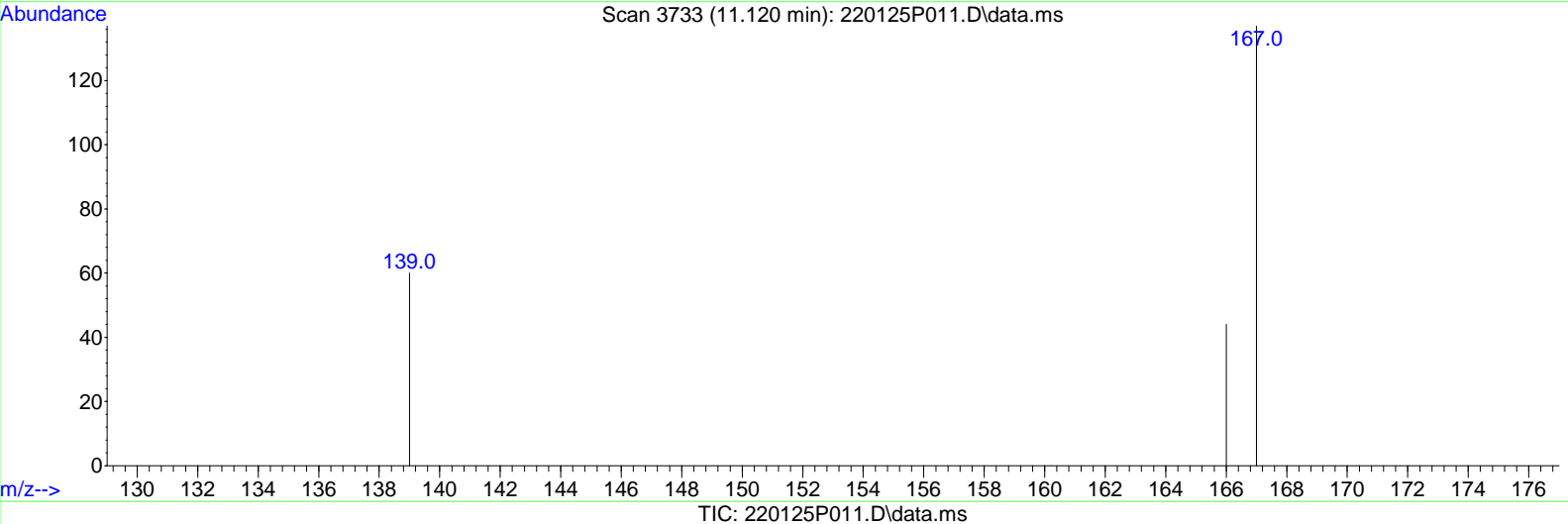
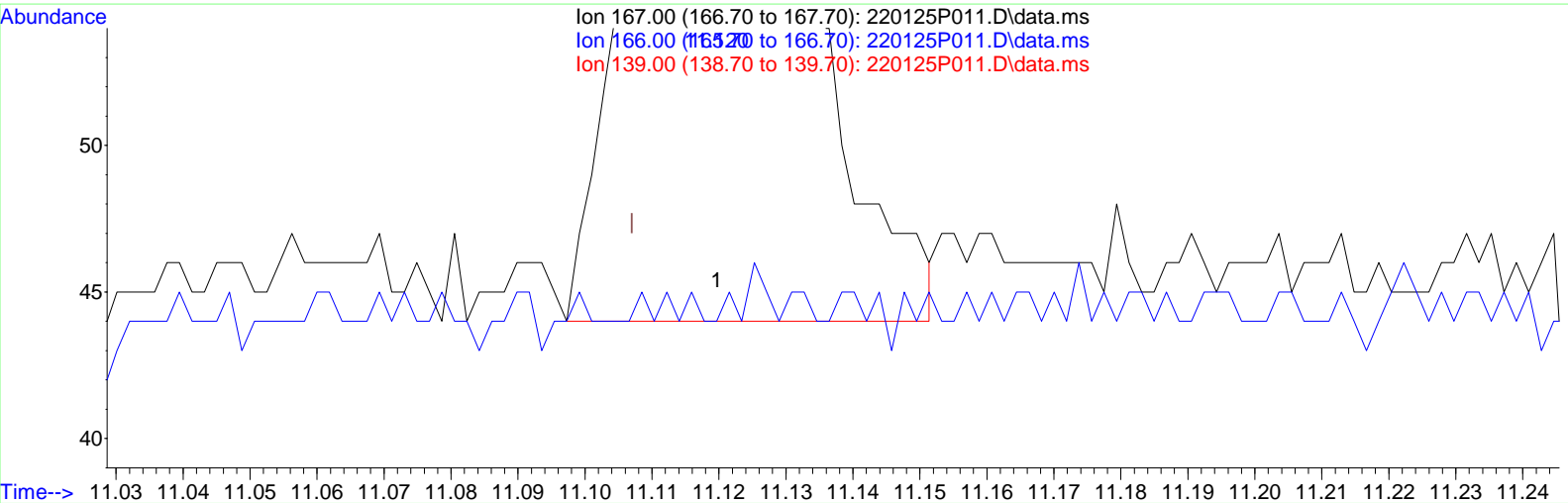
Ion	Exp%	Act%
167.00	100.00	100.00
166.00	22.60	0.00
139.00	12.20	0.00
0.00	0.00	0.00

Manual Integration Reasons

1. BaseLine Smoothing
 Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P011.D
 Acq On : 25 Jan 2022 4:59 pm
 Operator : BDE
 Sample : J2200963004
 Misc : 8270D SIM-1842
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 25 17:22:47 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(16) Carbazole (T)

11.120min (+ 0.013) 0.029 ug/ml m

response 104

Ion	Exp%	Act%
167.00	100.00	100.00
166.00	22.60	0.00
139.00	12.20	0.00
0.00	0.00	0.00



Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2200963005		Client ID:	RSA306-2342-A1002			
Date Collected:	1/19/2022		File ID:	220125P012.D			
Date Analyzed:	1/25/2022	17:25	Matrix:	WATER			
Date Extracted:	1/24/2022	09:00	Instrument ID:	J7P			
Dilution:	1		Analytical Run ID:	220125P-SIM-DOD			
Sample Wt/Vol:	1000.00	mL	% Moisture:	100			
Extract Vol:	1000	uL	Lims Prep Batch:	3286			
Prep Method:	SW-846 3510C		Lims Analytical Batch:	1842			

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.050	U	0.025	0.050	0.10	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P012.D
 Acq On : 25 Jan 2022 5:25 pm
 Operator : BDE
 Sample : J2200963005
 Misc : 8270D SIM-1842
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 25 17:49:33 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

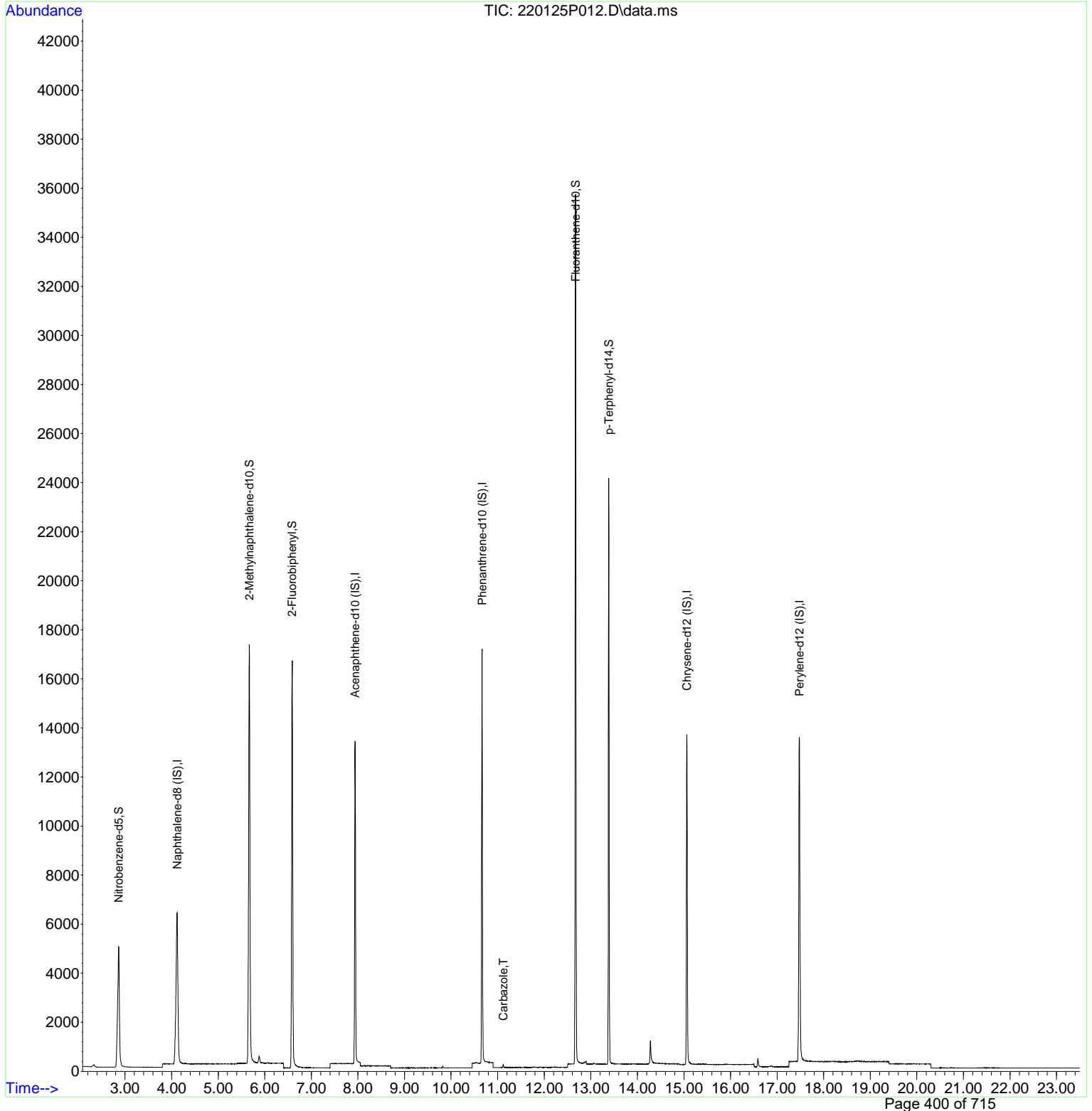
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

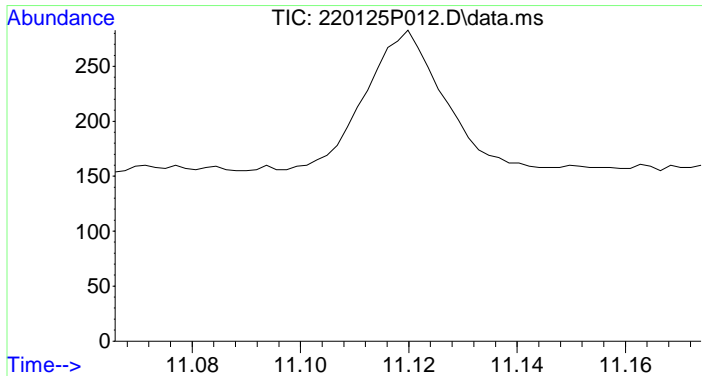
Internal Standards						
1) Naphthalene-d8 (IS)	4.118	136	15367	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	8042	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.666	188	15330	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.062	240	13524	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.479	264	14755	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.861	82	7071	7.388	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.669	152	14948	7.598	ug/ml	0.00
8) 2-Fluorobiphenyl	6.589	172	20353	7.318	ug/ml	0.00
17) Fluoranthene-d10	12.673	212	35217	10.015	ug/ml	-0.01
21) p-Terphenyl-d14	13.385	244	20626	7.160	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	0.000		0	N.D.	d	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	0.000		0	N.D.	d	
11) Dibenzofuran	0.000		0	N.D.		
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	11.120	167	124m	0.035	ug/ml	
18) Fluoranthene	0.000		0	N.D.	d	
20) Pyrene	0.000		0	N.D.	d	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P012.D
 Acq On : 25 Jan 2022 5:25 pm
 Operator : BDE
 Sample : J2200963005
 Misc : 8270D SIM-1842
 ALS Vial : 12 Sample Multiplier: 1

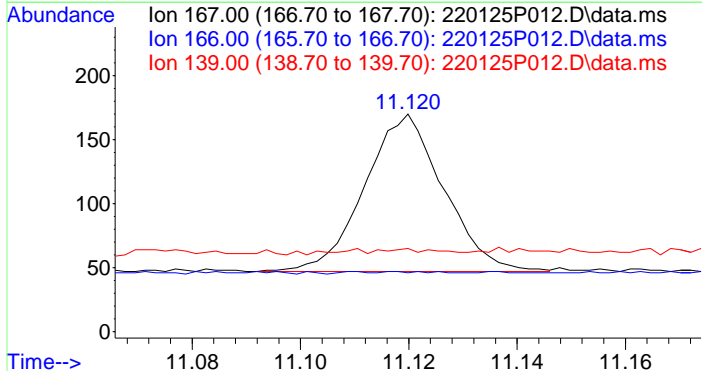
Quant Time: Jan 25 17:49:33 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





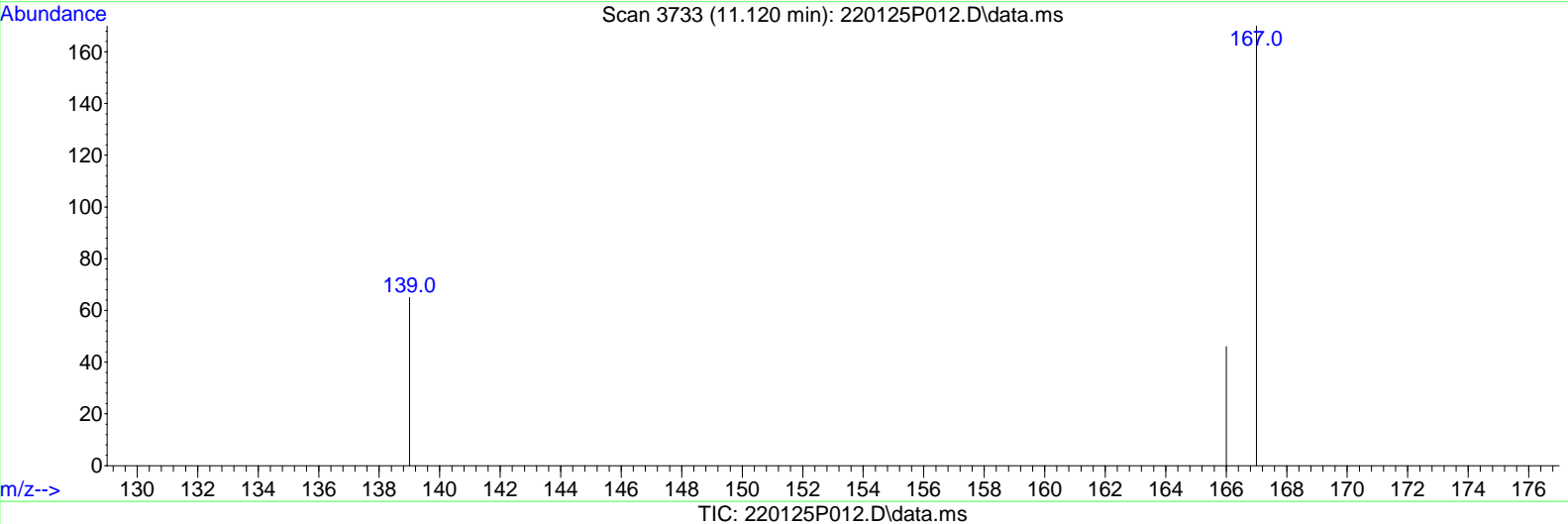
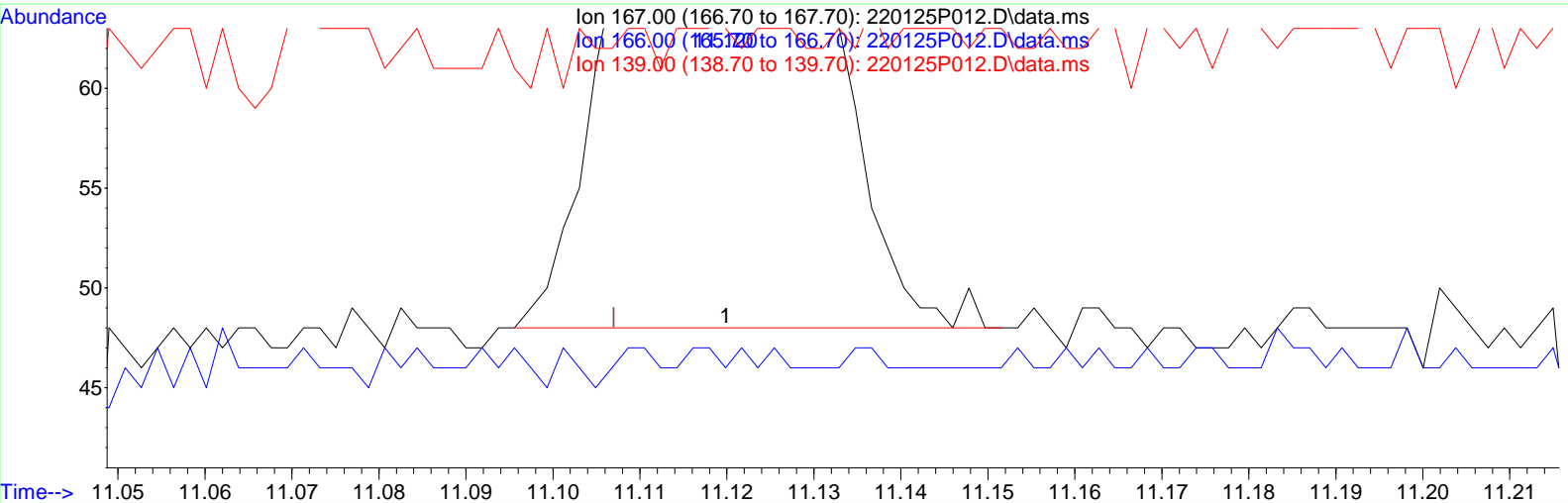
#16
 Carbazole
 Concen: 0.035 ug/ml m
 RT: 11.120 min Scan# 3733
 Delta R.T. 0.013 min
 Lab File: 220125P012.D
 Acq: 25 Jan 2022 5:25 pm

Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	0.0	52.6
139	0.0	0.0	42.2



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P012.D
 Acq On : 25 Jan 2022 5:25 pm
 Operator : BDE
 Sample : J2200963005
 Misc : 8270D SIM-1842
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 25 17:49:33 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(16) Carbazole (T)

11.120min (+ 0.013) 0.034 ug/ml

response 121

Ion	Exp%	Act%
167.00	100.00	100.00
166.00	22.60	0.00
139.00	12.20	0.00
0.00	0.00	0.00

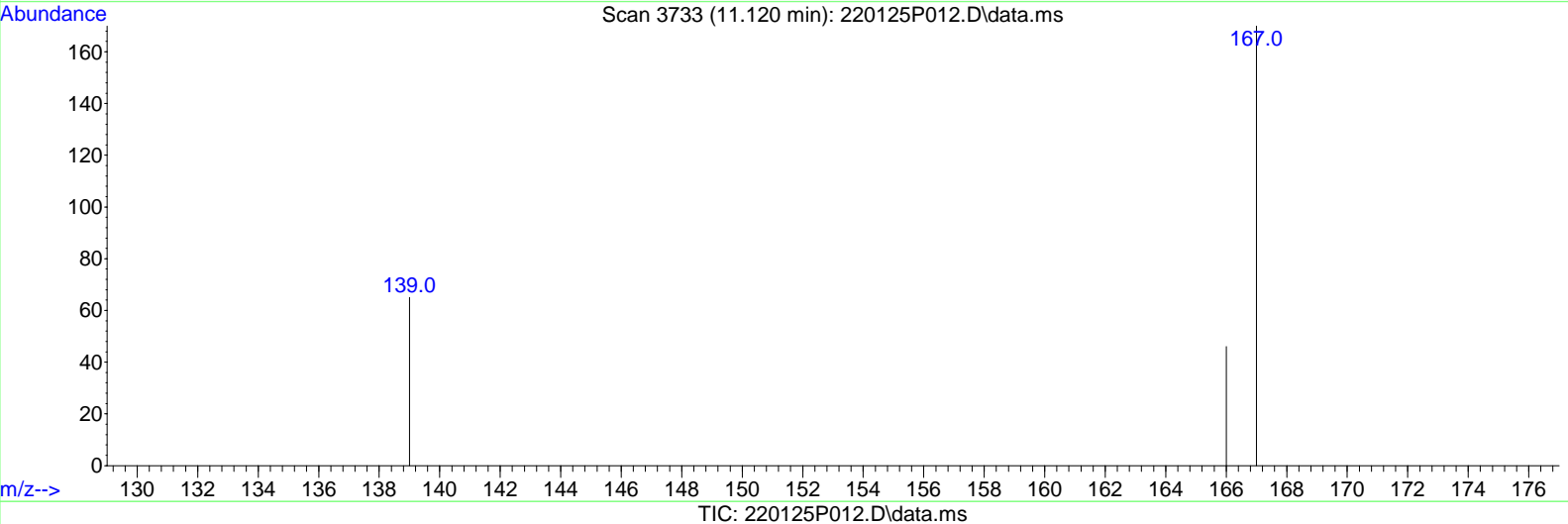
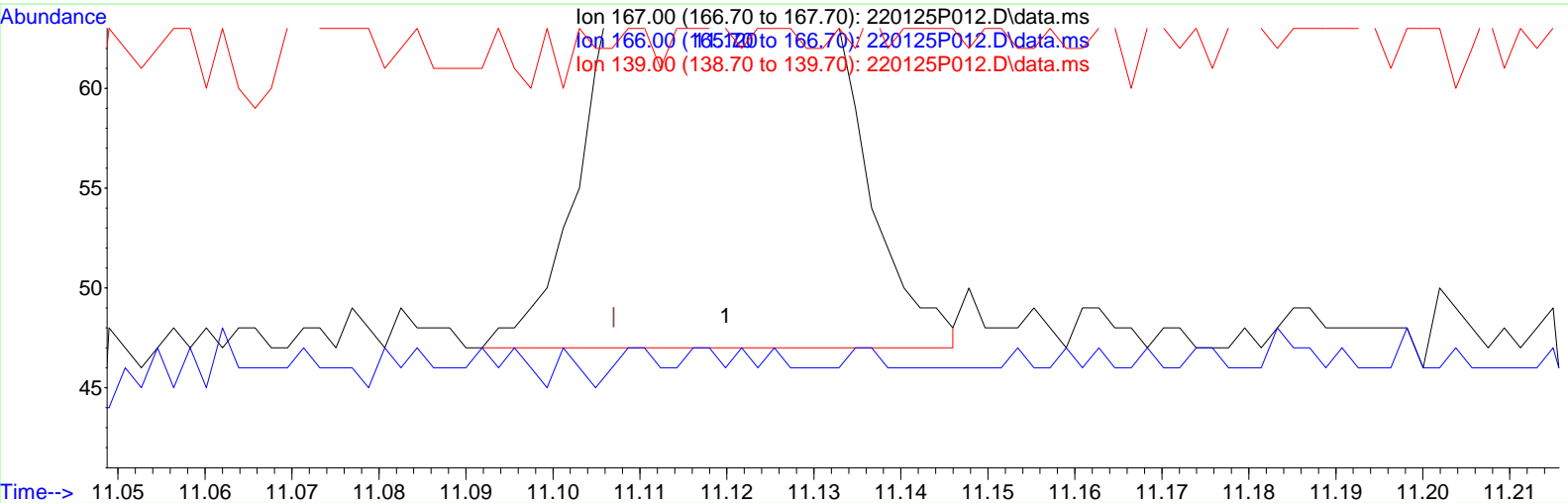
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P012.D
 Acq On : 25 Jan 2022 5:25 pm
 Operator : BDE
 Sample : J2200963005
 Misc : 8270D SIM-1842
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 25 17:49:33 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(16) Carbazole (T)

11.120min (+ 0.013) 0.035 ug/ml m

response	124
Ion	Exp% Act%
167.00	100.00 100.00
166.00	22.60 0.00
139.00	12.20 0.00
0.00	0.00 0.00



Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2200963006	Client ID:	RSA306-2342-A1002-FD
Date Collected:	1/19/2022	File ID:	220125P013.D
Date Analyzed:	1/25/2022 17:53	Matrix:	WATER
Date Extracted:	1/24/2022 09:00	Instrument ID:	J7P
Dilution:	1	Analytical Run ID:	220125P-SIM-DOD
Sample Wt/Vol:	1000.00 mL	% Moisture:	100
Extract Vol:	1000 uL	Lims Prep Batch:	3286
Prep Method:	SW-846 3510C	Lims Analytical Batch:	1842

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.050	U	0.025	0.050	0.10	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P013.D
 Acq On : 25 Jan 2022 5:53 pm
 Operator : BDE
 Sample : J2200963006
 Misc : 8270D SIM-1842
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 25 18:16:36 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

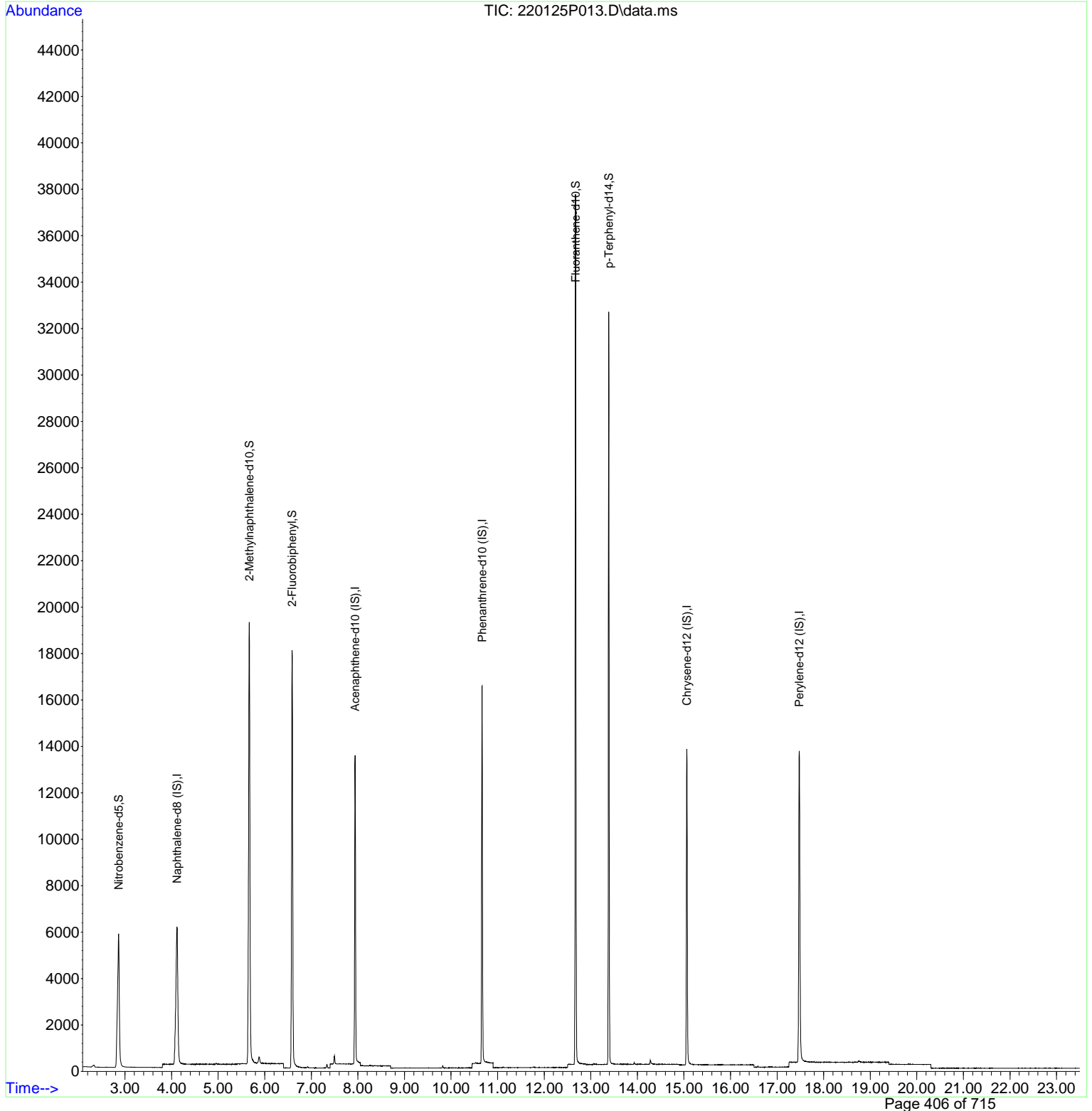
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.115	136	15503	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	8180	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.666	188	15761	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.062	240	13987	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.476	264	15190	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.861	82	8332	8.629	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.669	152	17132	8.632	ug/ml	0.00
8) 2-Fluorobiphenyl	6.589	172	22693	8.021	ug/ml	0.00
17) Fluoranthene-d10	12.673	212	36140	9.997	ug/ml	-0.01
21) p-Terphenyl-d14	13.387	244	28229	9.474	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	0.000		0	N.D.	d	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	0.000		0	N.D.		
11) Dibenzofuran	0.000		0	N.D.		
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	0.000		0	N.D.	d	
18) Fluoranthene	0.000		0	N.D.	d	
20) Pyrene	0.000		0	N.D.	d	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P013.D
 Acq On : 25 Jan 2022 5:53 pm
 Operator : BDE
 Sample : J2200963006
 Misc : 8270D SIM-1842
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 25 18:16:36 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2200963007	Client ID:	RSA306-2343-A1003
Date Collected:	1/19/2022	File ID:	220125P014.D
Date Analyzed:	1/25/2022 18:19	Matrix:	WATER
Date Extracted:	1/24/2022 09:00	Instrument ID:	J7P
Dilution:	1	Analytical Run ID:	220125P-SIM-DOD
Sample Wt/Vol:	1000.00 mL	% Moisture:	100
Extract Vol:	1000 uL	Lims Prep Batch:	3286
Prep Method:	SW-846 3510C	Lims Analytical Batch:	1842

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.084	J	0.025	0.050	0.10	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

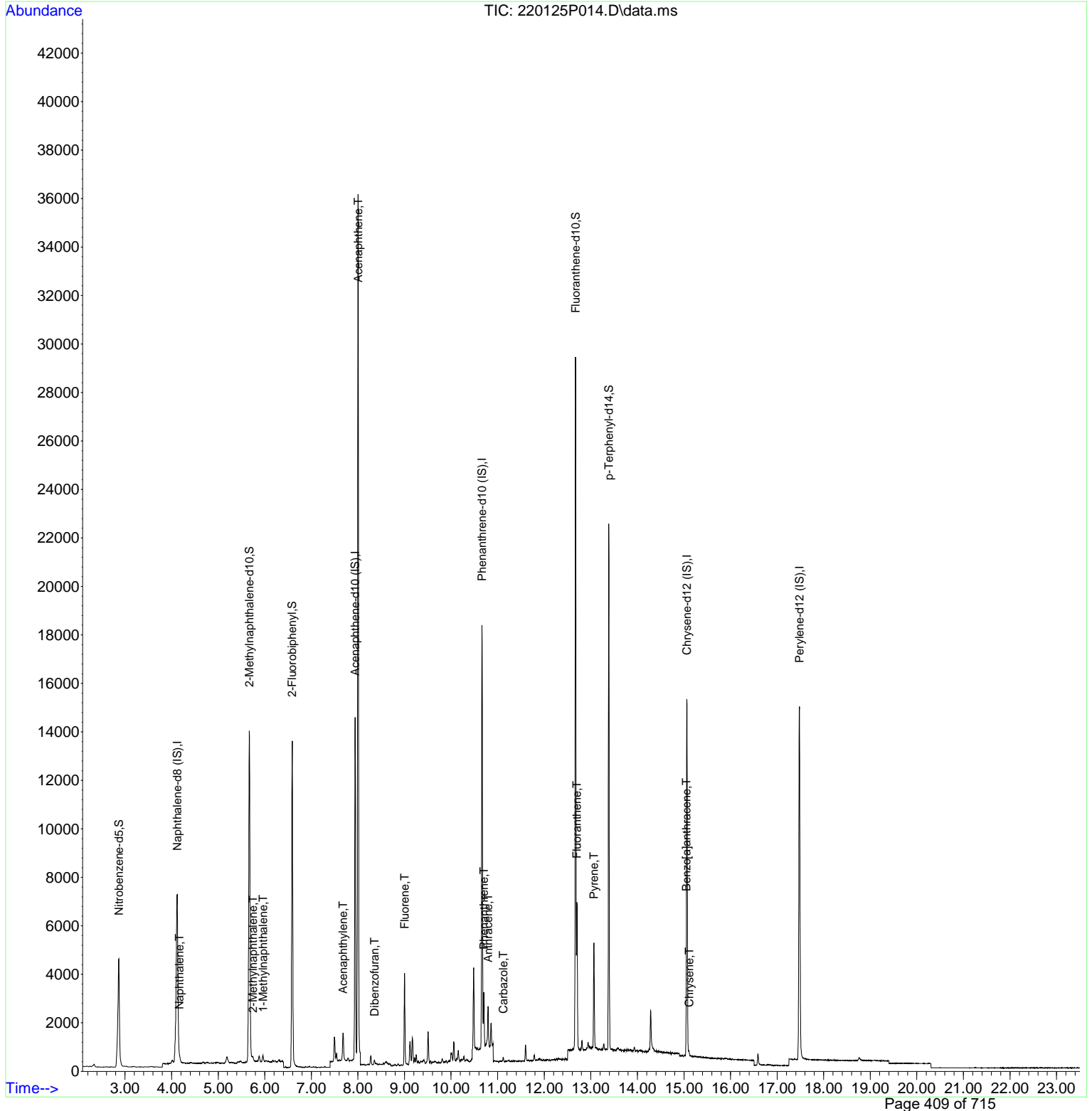
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

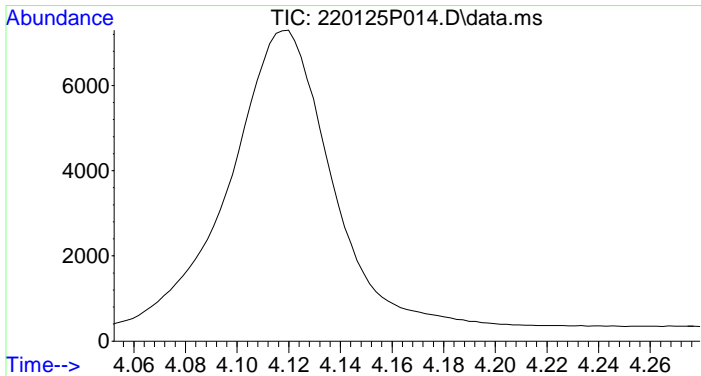
Internal Standards							
1) Naphthalene-d8 (IS)	4.120	136	16255	4.000	ug/ml	0.01	
7) Acenaphthene-d10 (IS)	7.942	164	8748	4.000	ug/ml	0.00	
13) Phenanthrene-d10 (IS)	10.665	188	16250	4.000	ug/ml	-0.01	
19) Chrysene-d12 (IS)	15.062	240	14743	4.000	ug/ml	-0.02	
24) Perylene-d12 (IS)	17.479	264	15703	4.000	ug/ml	-0.02	
System Monitoring Compounds							
2) Nitrobenzene-d5	2.866	82	5933	5.860	ug/ml	0.03	
4) 2-Methylnaphthalene-d10	5.669	152	11712	5.628	ug/ml	0.00	
8) 2-Fluorobiphenyl	6.589	172	15846	5.237	ug/ml	0.00	
17) Fluoranthene-d10	12.673	212	27347	7.337	ug/ml	-0.01	
21) p-Terphenyl-d14	13.387	244	18988	6.046	ug/ml	-0.02	
Target Compounds							
							Qvalue
3) Naphthalene	4.166	128	388m	0.105	ug/ml		
5) 2-Methylnaphthalene	5.744	142	99m	0.041	ug/ml		
6) 1-Methylnaphthalene	5.958	142	195m	0.084	ug/ml		
9) Acenaphthylene	7.675	152	299m	0.070	ug/ml		
10) Acenaphthene	8.003	154	15882m	7.284	ug/ml		
11) Dibenzofuran	8.355	168	202m	0.057	ug/ml		
12) Fluorene	9.001	166	2210m	0.788	ug/ml		
14) Phenanthrene	10.703	178	1702m	0.439	ug/ml		
15) Anthracene	10.795	178	1667m	0.445	ug/ml		
16) Carbazole	11.120	167	196m	0.052	ug/ml		
18) Fluoranthene	12.702	202	5737	1.255	ug/ml		99
20) Pyrene	13.065	202	3753	0.789	ug/ml		89
22) Benzo[a]anthracene	15.050	228	188m	0.029	ug/ml		
23) Chrysene	15.108	228	132m	0.030	ug/ml		
25) Benzo[b]fluoranthene	0.000		0	N.D.	d		
26) Benzo[k]fluoranthene	0.000		0	N.D.	d		
27) Benzo[a]pyrene	0.000		0	N.D.	d		
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d		
29) Dibenzo[a,h]anthracene	0.000		0	N.D.			
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

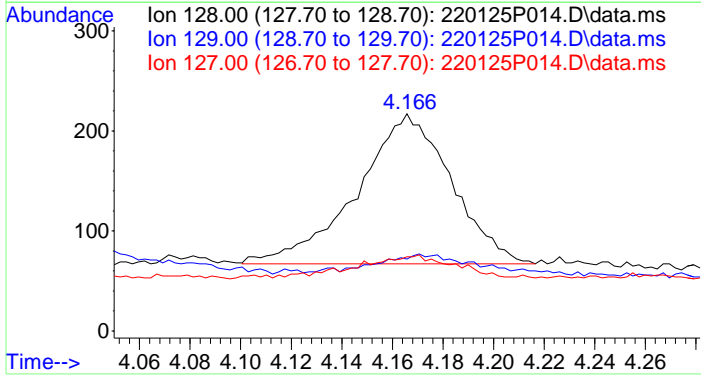
Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





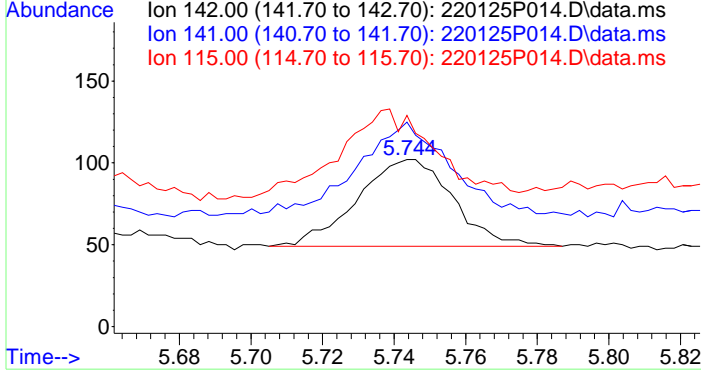
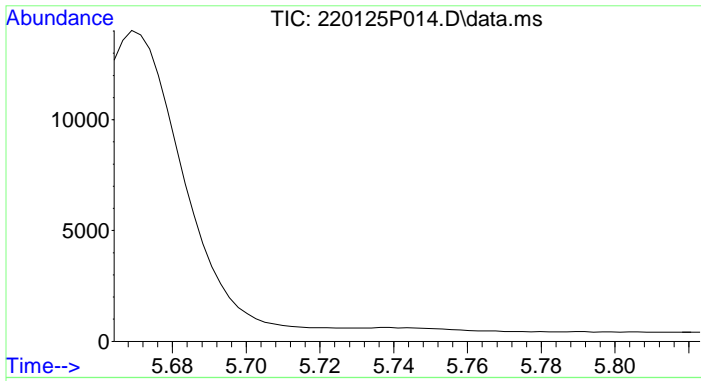
#3
 Naphthalene
 Concen: 0.105 ug/ml m
 RT: 4.166 min Scan# 470
 Delta R.T. 0.007 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

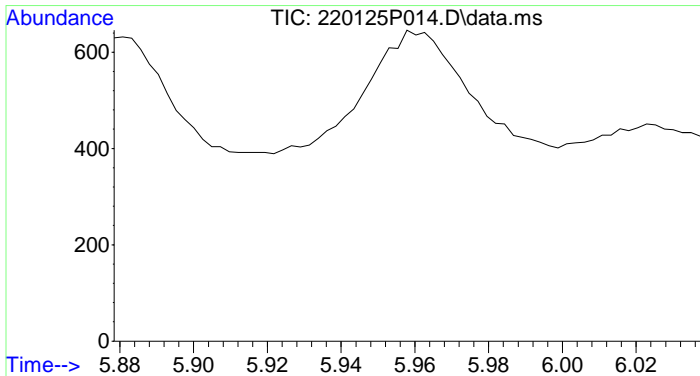
Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	41.0
127	0.0	0.0	42.9



#5
 2-Methylnaphthalene
 Concen: 0.041 ug/ml m
 RT: 5.744 min Scan# 1124
 Delta R.T. -0.002 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

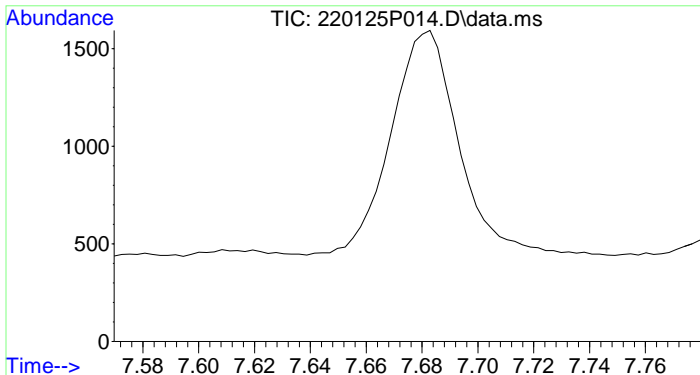
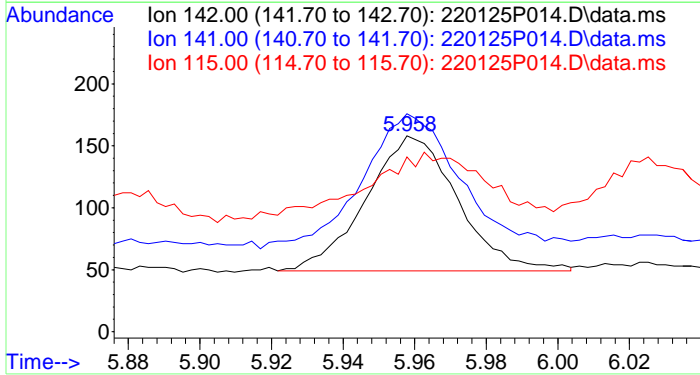
Tgt Ion	Ratio	Lower	Upper
142	100		
141	106.1	60.7	120.7
115	74.7	0.0	58.4#





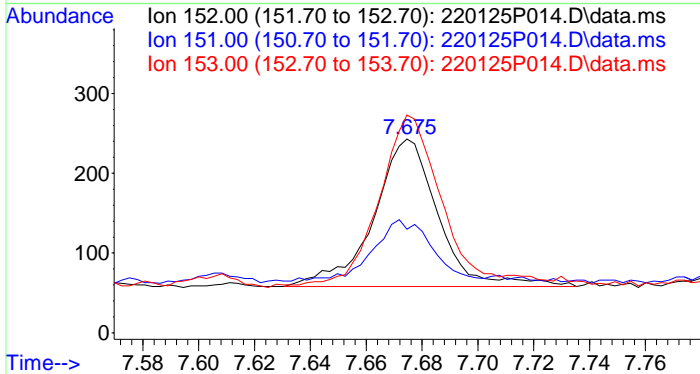
#6
 1-Methylnaphthalene
 Concen: 0.084 ug/ml m
 RT: 5.958 min Scan# 1213
 Delta R.T. -0.005 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

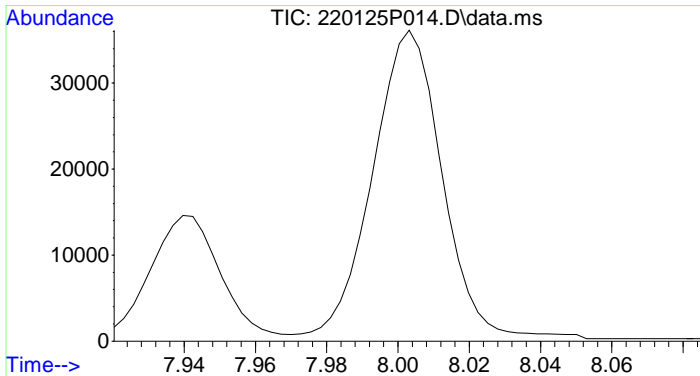
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	63.4	123.4
115	38.5	0.0	59.8



#9
 Acenaphthylene
 Concen: 0.070 ug/ml m
 RT: 7.675 min Scan# 2030
 Delta R.T. 0.020 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

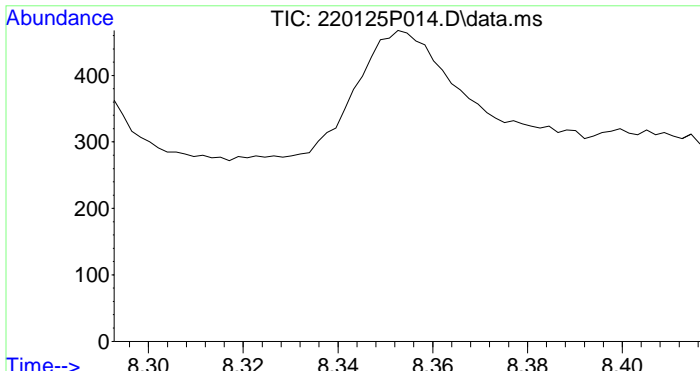
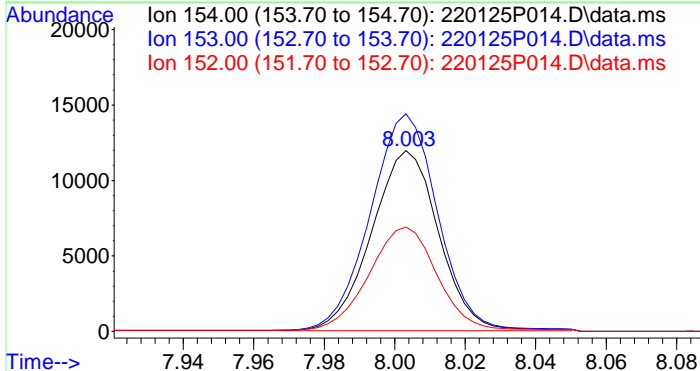
Tgt Ion	Ratio	Lower	Upper
152	100		
151	44.5	0.0	49.9
153	114.4	0.0	43.5#





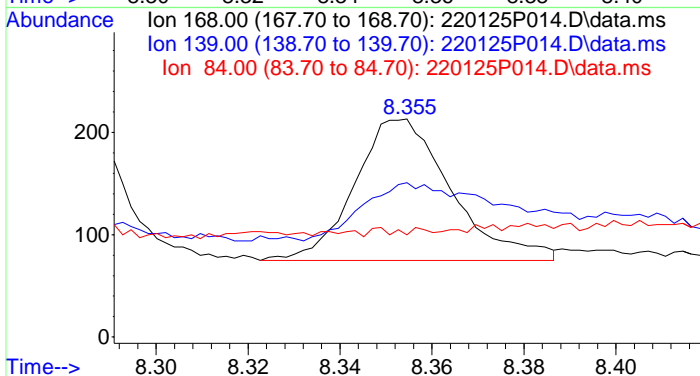
#10
 Acenaphthene
 Concen: 7.284 ug/ml m
 RT: 8.003 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

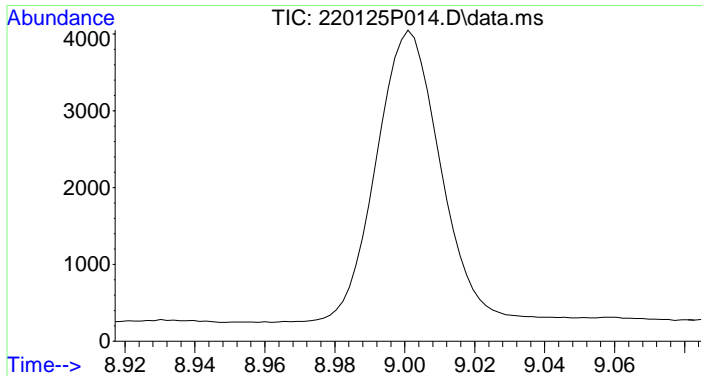
Tgt Ion	Ratio	Lower	Upper
154	100		
153	120.0	85.6	145.6
152	58.9	23.4	83.4



#11
 Dibenzofuran
 Concen: 0.057 ug/ml m
 RT: 8.355 min Scan# 2328
 Delta R.T. -0.005 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

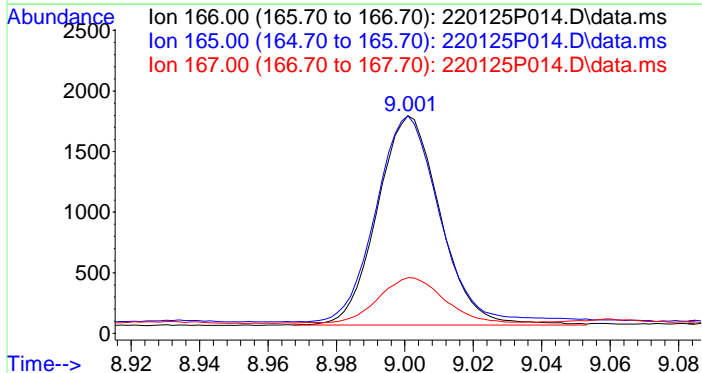
Tgt Ion	Ratio	Lower	Upper
168	100		
139	63.9	0.0	30.0#
84	0.0	0.0	30.0





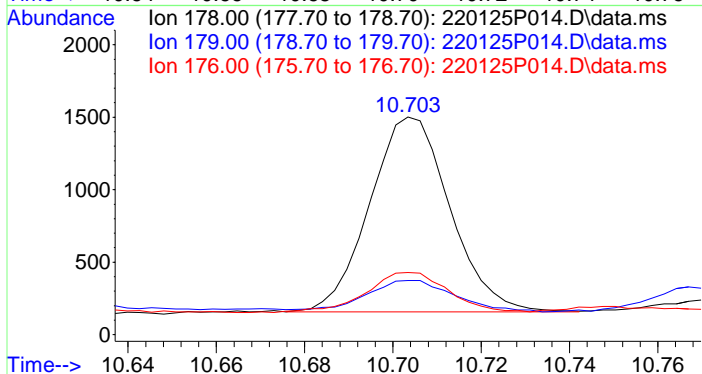
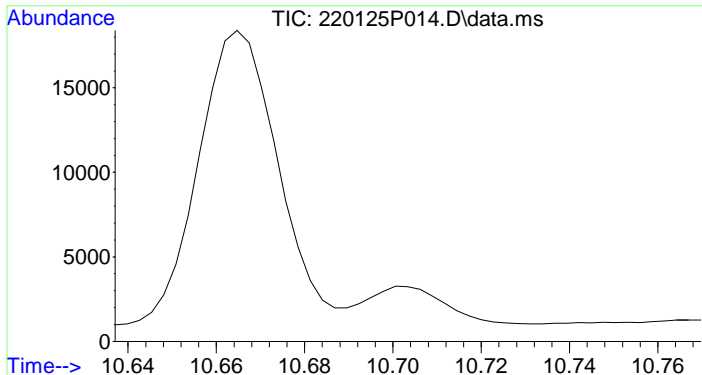
#12
 Fluorene
 Concen: 0.788 ug/ml m
 RT: 9.001 min Scan# 2674
 Delta R.T. -0.011 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

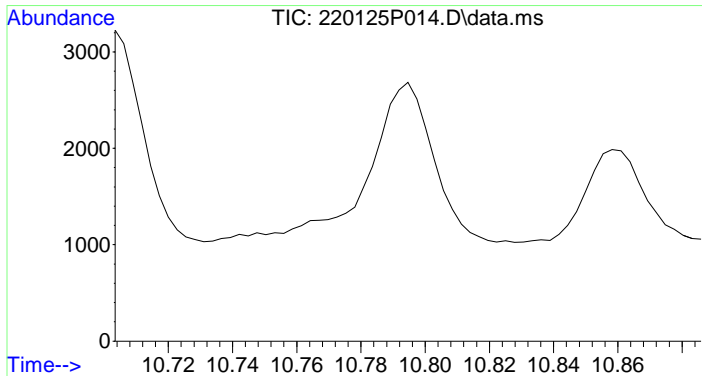
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	70.5	130.5
167	23.0	0.0	43.3



#14
 Phenanthrene
 Concen: 0.439 ug/ml m
 RT: 10.703 min Scan# 3545
 Delta R.T. -0.013 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

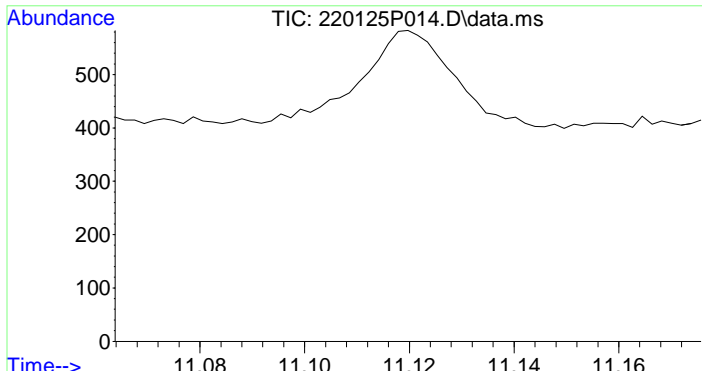
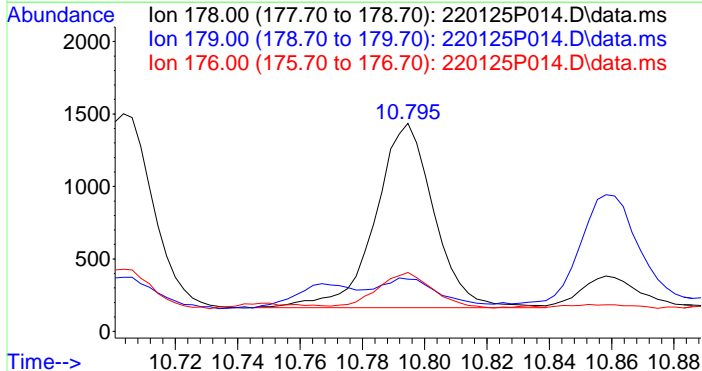
Tgt Ion	Ratio	Lower	Upper
178	100		
179	0.0	0.0	45.9
176	0.0	0.0	48.9





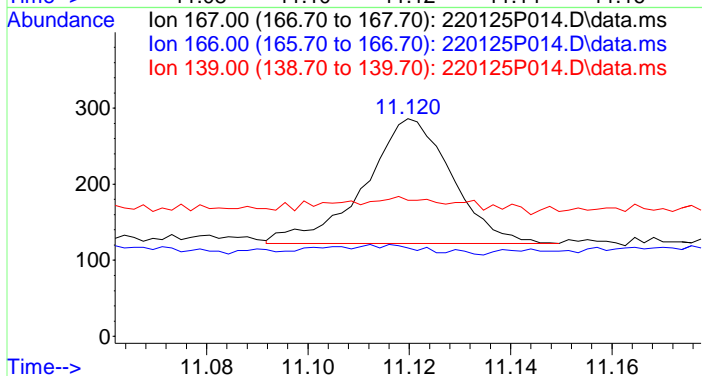
#15
 Anthracene
 Concen: 0.445 ug/ml m
 RT: 10.795 min Scan# 3578
 Delta R.T. -0.009 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

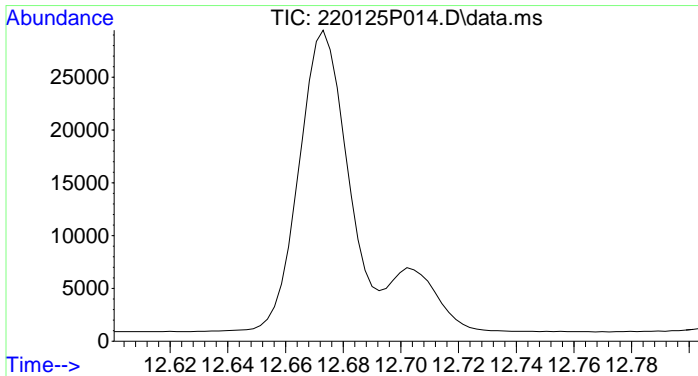
Tgt Ion	Ratio	Lower	Upper
178	100		
179	31.0	0.0	45.8
176	17.1	0.0	48.2



#16
 Carbazole
 Concen: 0.052 ug/ml m
 RT: 11.120 min Scan# 3733
 Delta R.T. 0.013 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

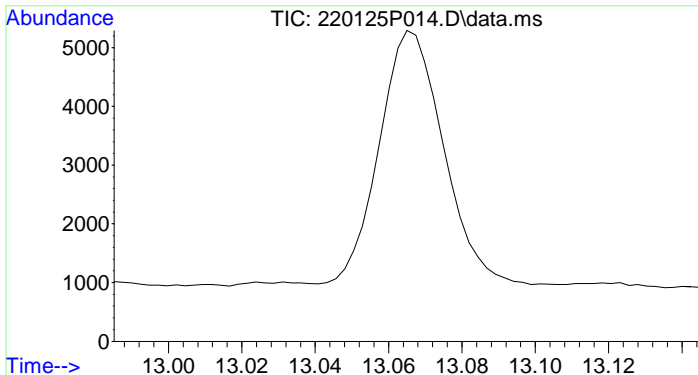
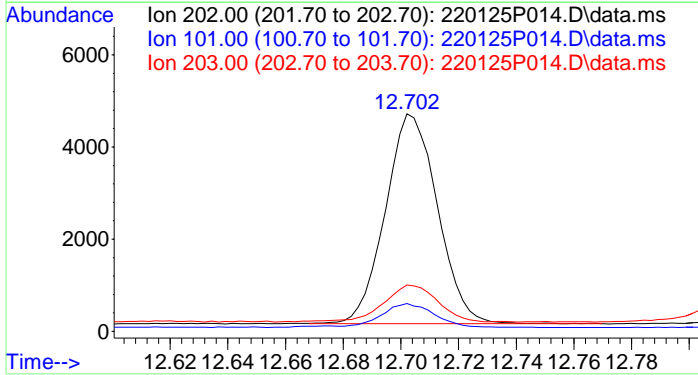
Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	0.0	52.6
139	0.0	0.0	42.2





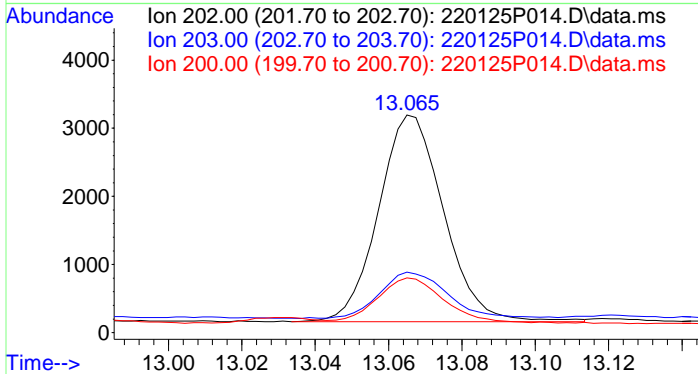
#18
 Fluoranthene
 Concen: 1.255 ug/ml
 RT: 12.702 min Scan# 4557
 Delta R.T. -0.017 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

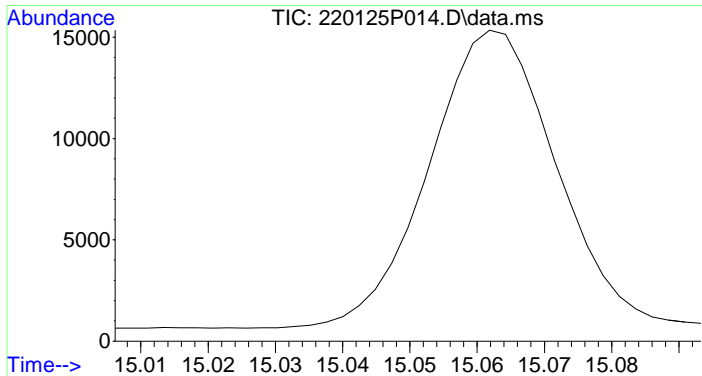
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	41.7
203	18.3	0.0	48.3



#20
 Pyrene
 Concen: 0.789 ug/ml
 RT: 13.065 min Scan# 4707
 Delta R.T. -0.015 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

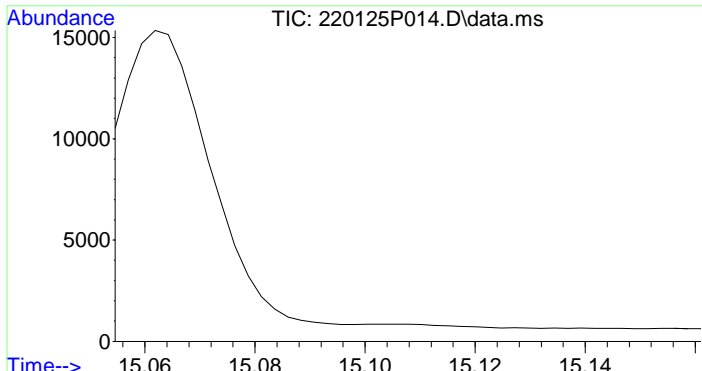
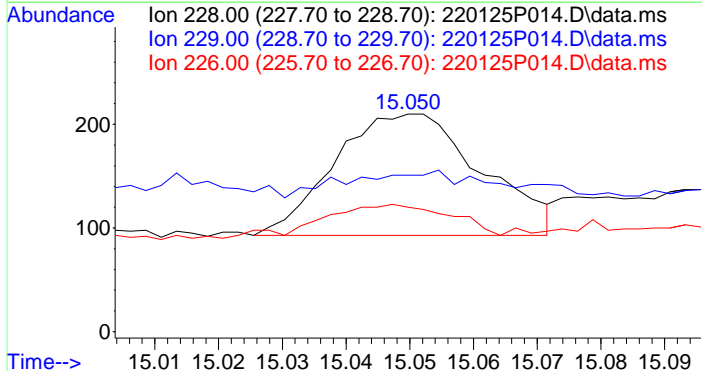
Tgt Ion	Ratio	Lower	Upper
202	100		
203	23.0	0.0	48.4
200	26.1	0.0	50.8





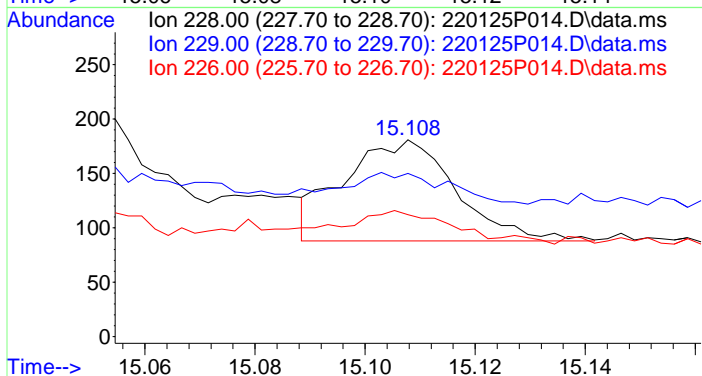
#22
 Benzo[a]anthracene
 Concen: 0.029 ug/ml m
 RT: 15.050 min Scan# 5527
 Delta R.T. -0.014 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
229	0.0	0.0	50.6
226	0.0	0.0	57.0



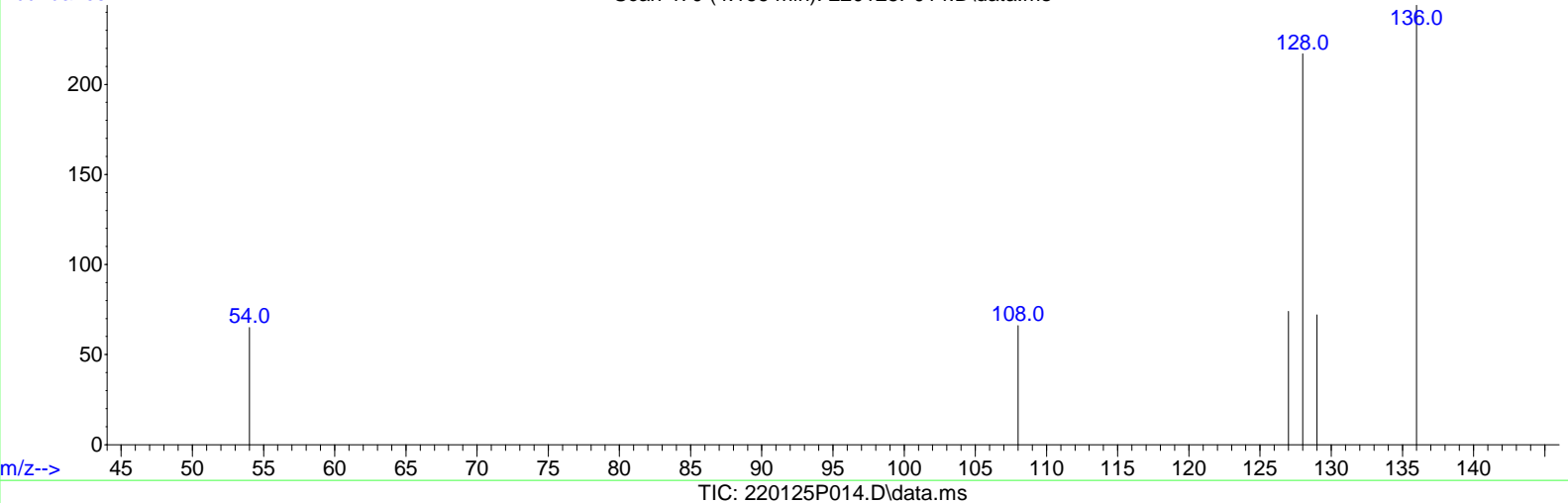
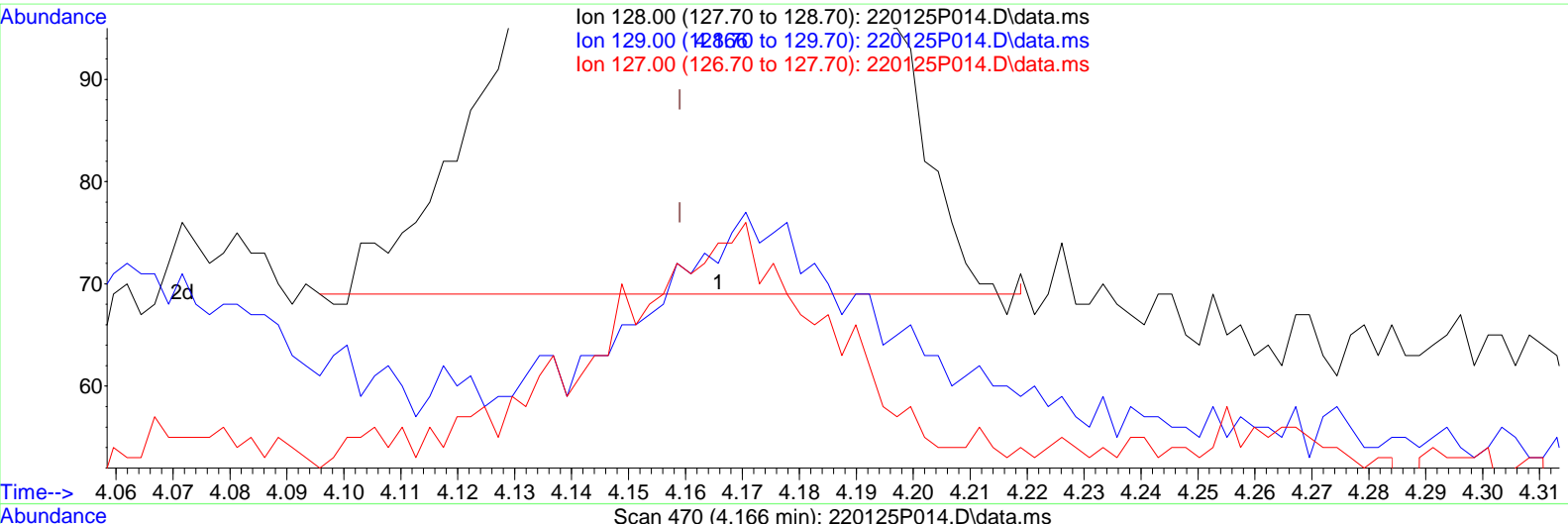
#23
 Chrysene
 Concen: 0.030 ug/ml m
 RT: 15.108 min Scan# 5551
 Delta R.T. -0.014 min
 Lab File: 220125P014.D
 Acq: 25 Jan 2022 6:19 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
229	0.0	0.0	50.5
226	0.0	0.0	59.8



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(3) Naphthalene (T)

4.166min (+ 0.007) 0.101 ug/ml

response 375

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.00	0.00
127.00	12.90	0.00
0.00	0.00	0.00

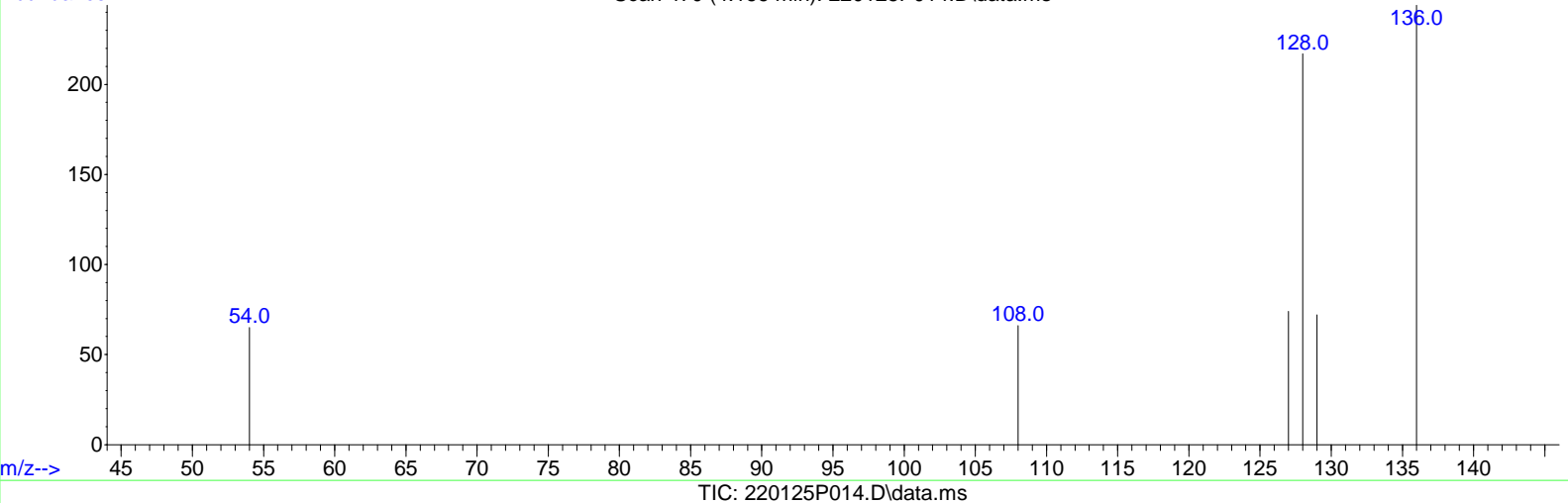
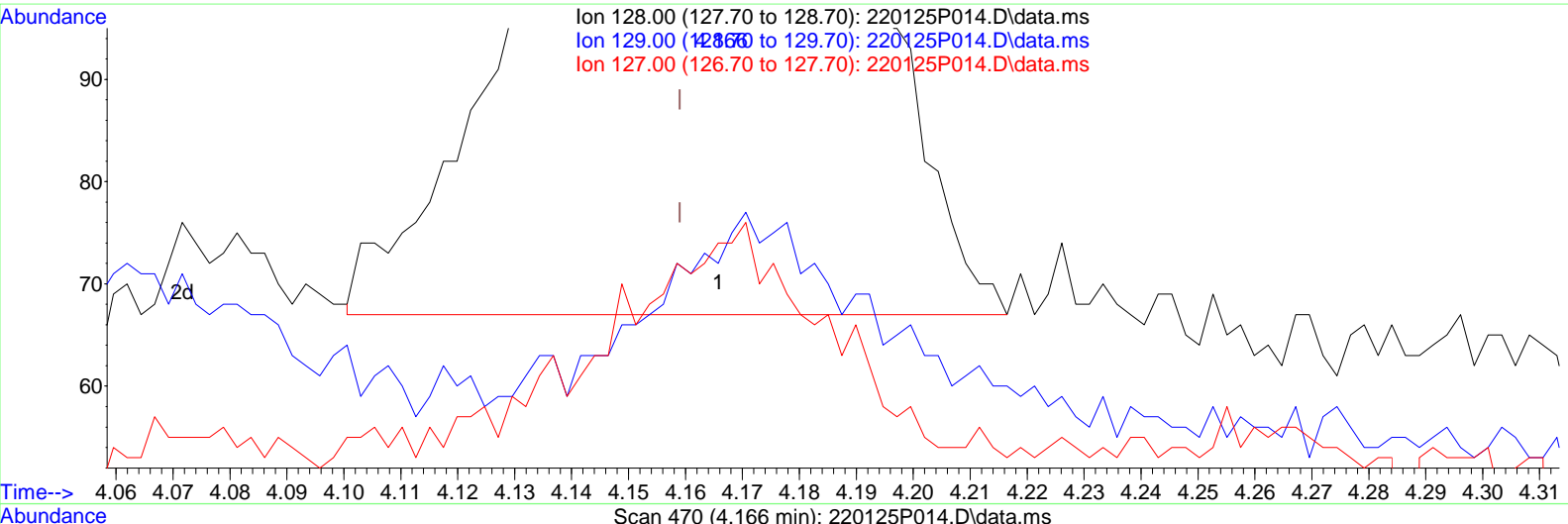
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(3) Naphthalene (T)

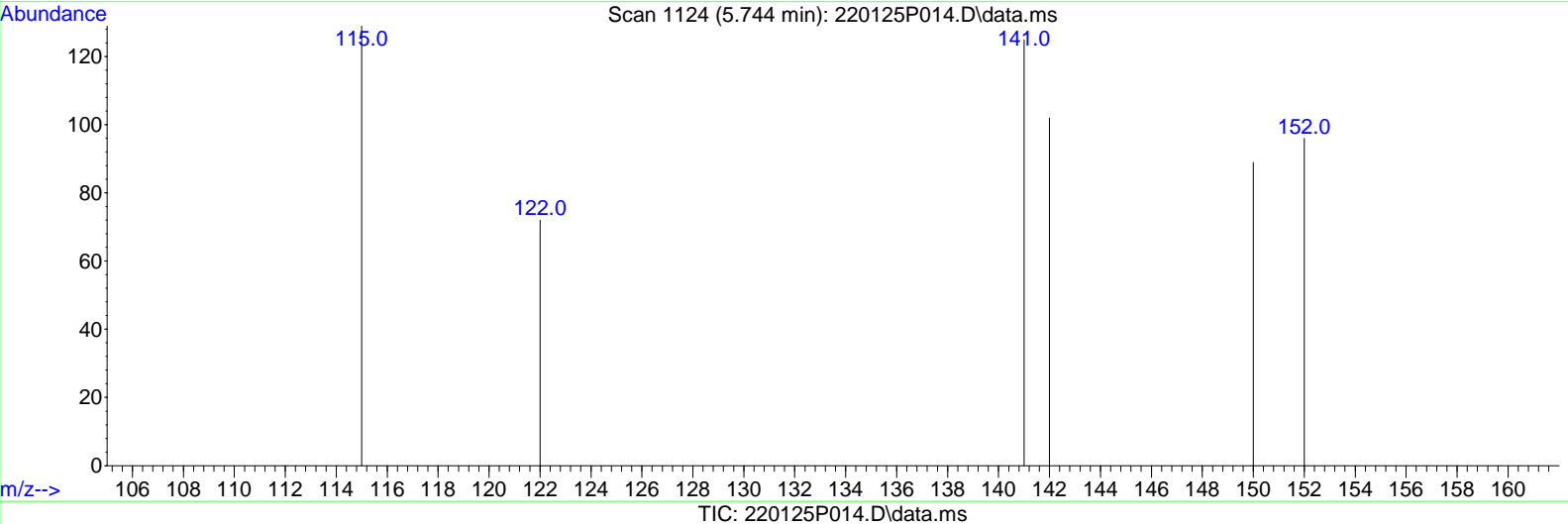
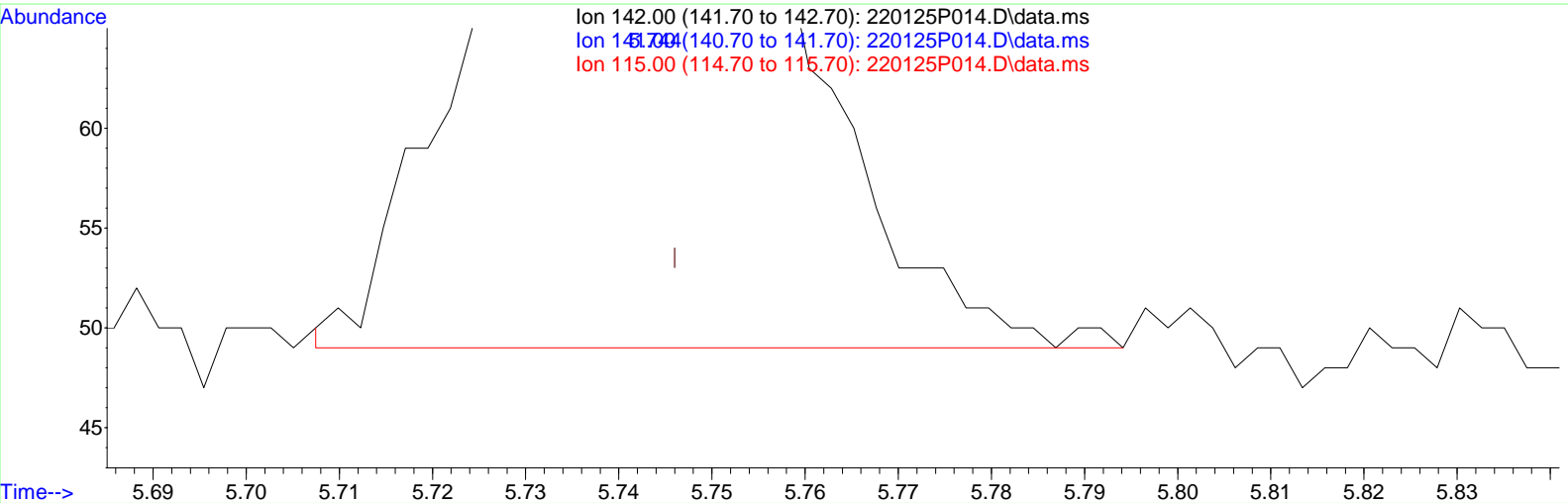
4.166min (+ 0.007) 0.105 ug/ml m

response 388

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.00	0.00
127.00	12.90	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(5) 2-Methylnaphthalene (T)

5.744min (-0.002) 0.041 ug/ml

response 99

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	90.70	106.06
115.00	28.40	74.75#
0.00	0.00	0.00

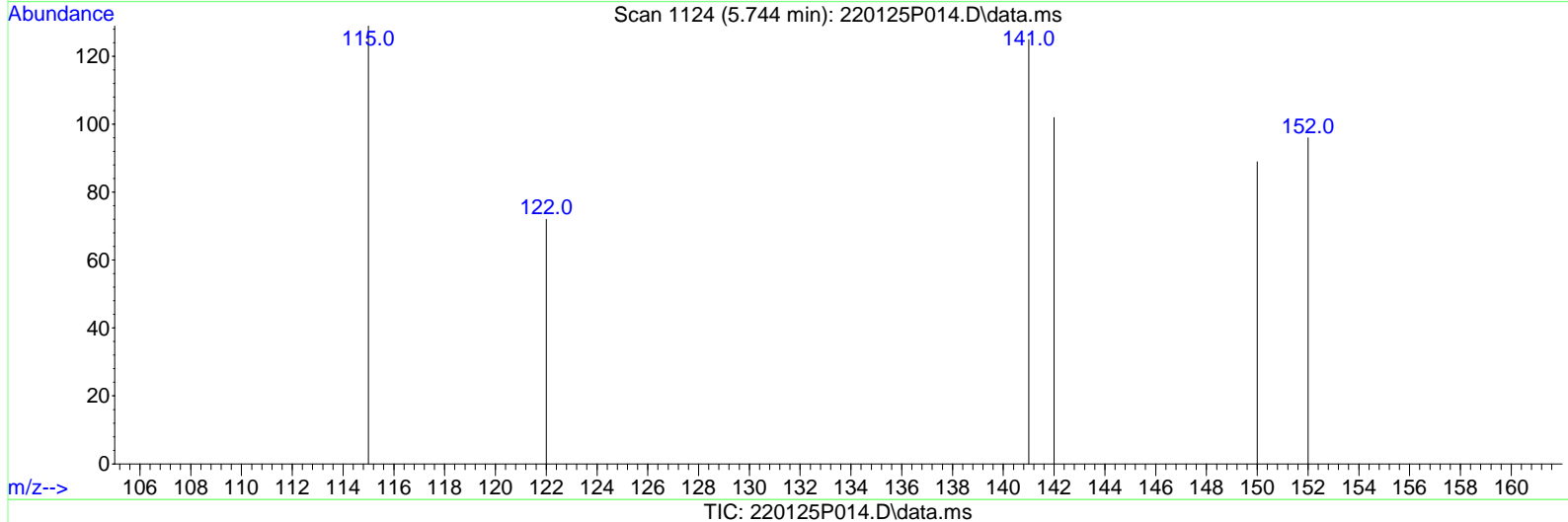
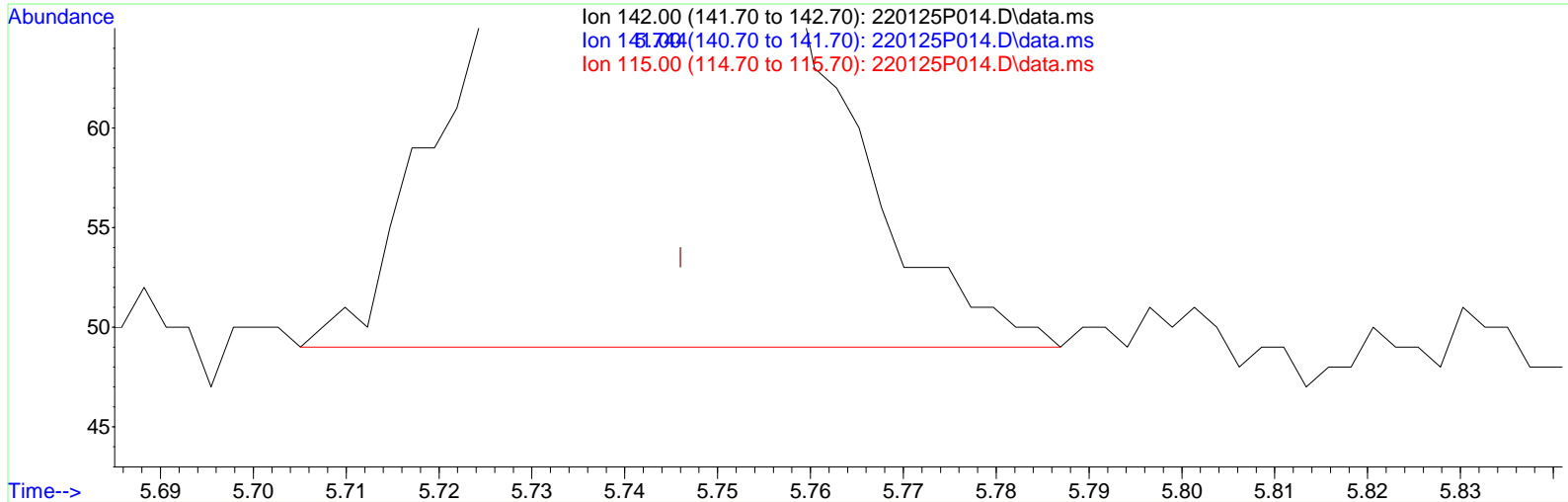
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(5) 2-Methylnaphthalene (T)

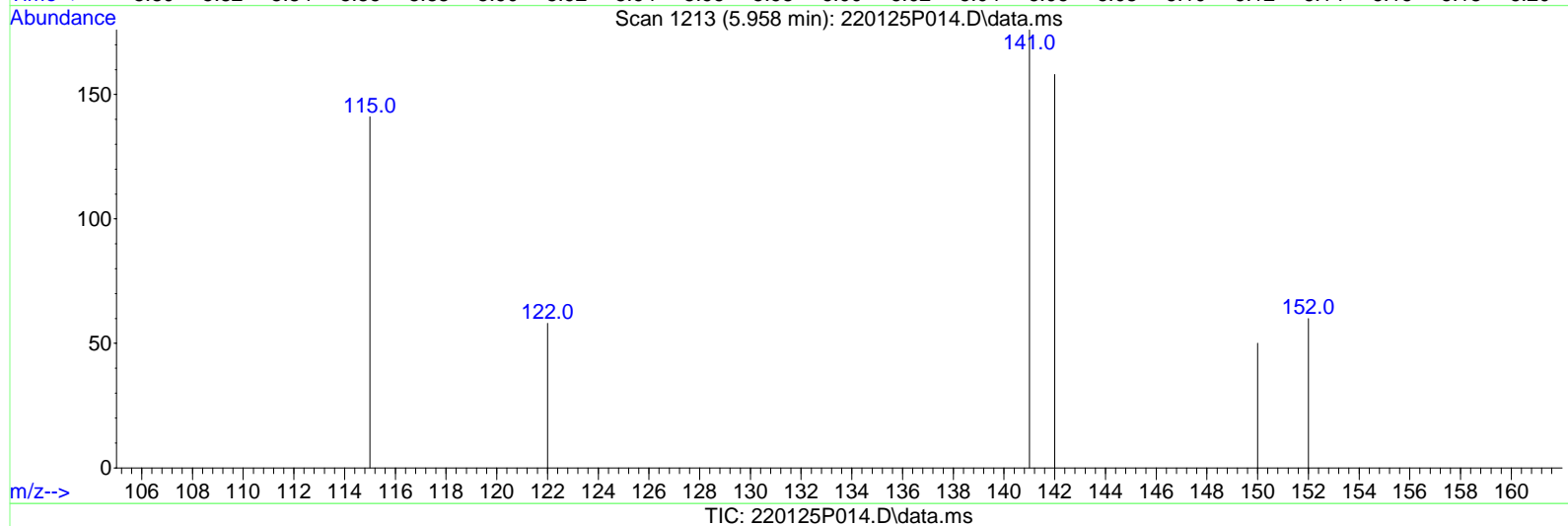
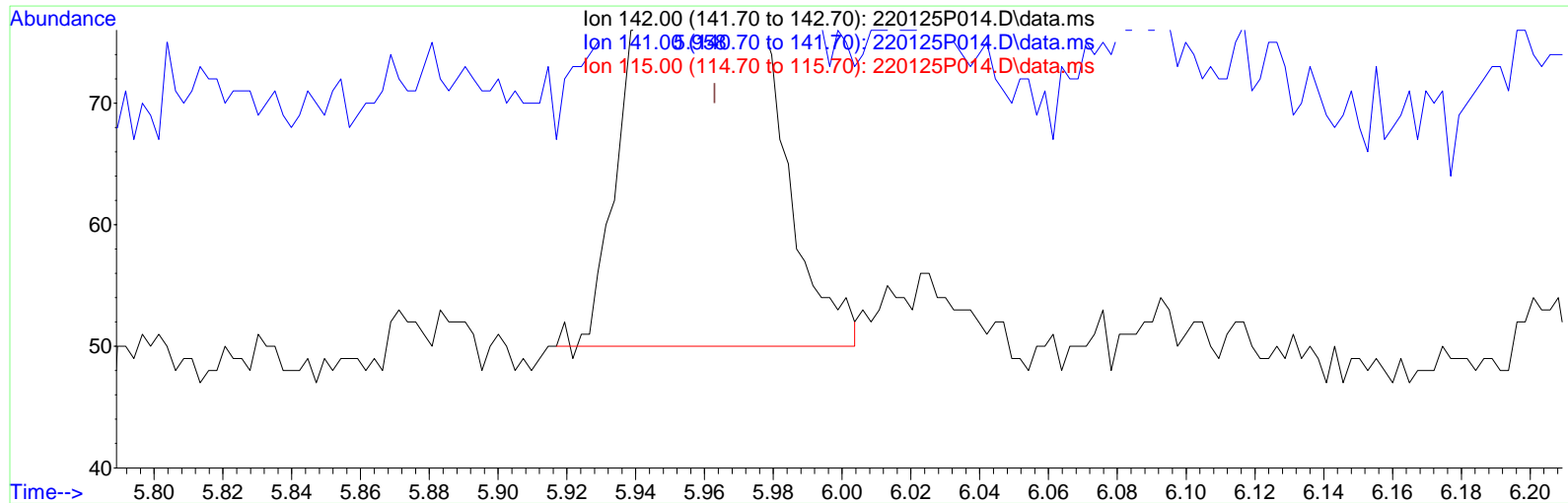
5.744min (-0.002) 0.041 ug/ml m

response 99

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	90.70	106.06
115.00	28.40	74.75#
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(6) 1-Methylnaphthalene (T)

5.958min (-0.005) 0.082 ug/ml

response 190

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.40	93.68
115.00	29.80	39.47
0.00	0.00	0.00

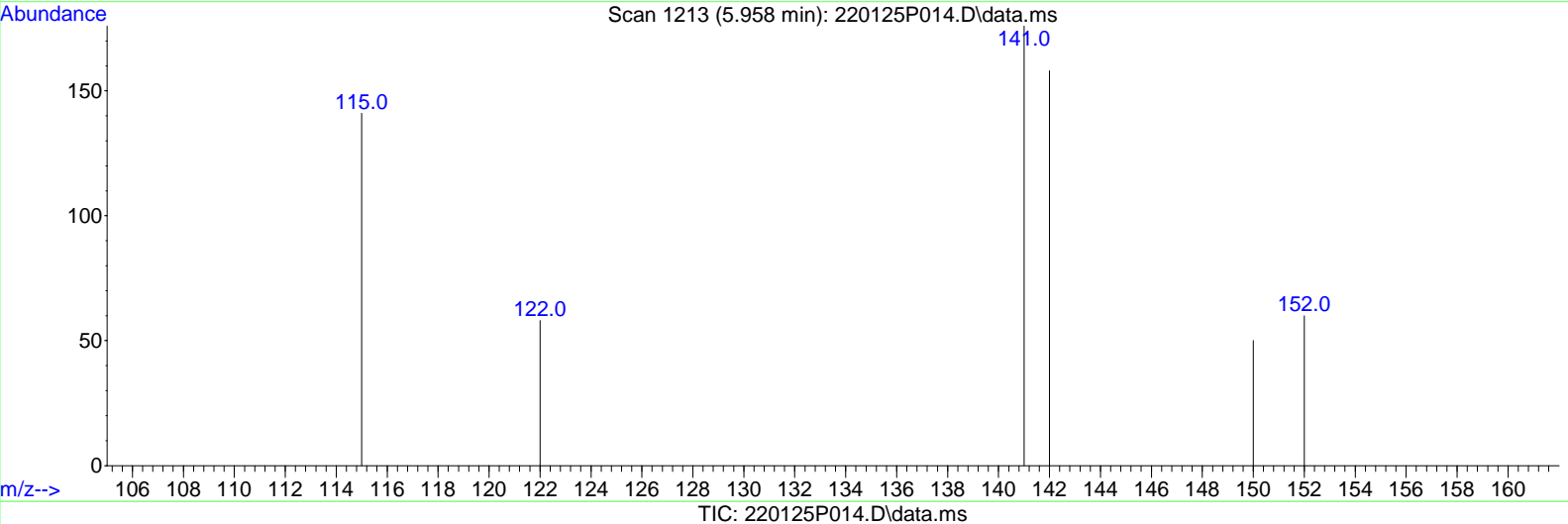
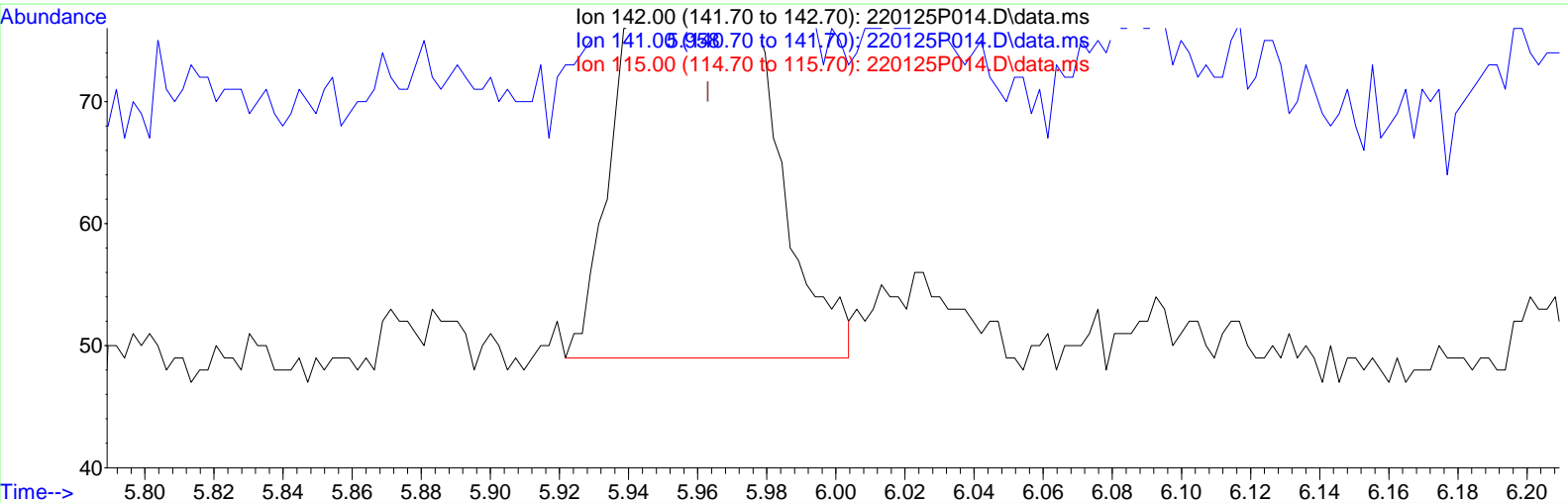
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(6) 1-Methylnaphthalene (T)

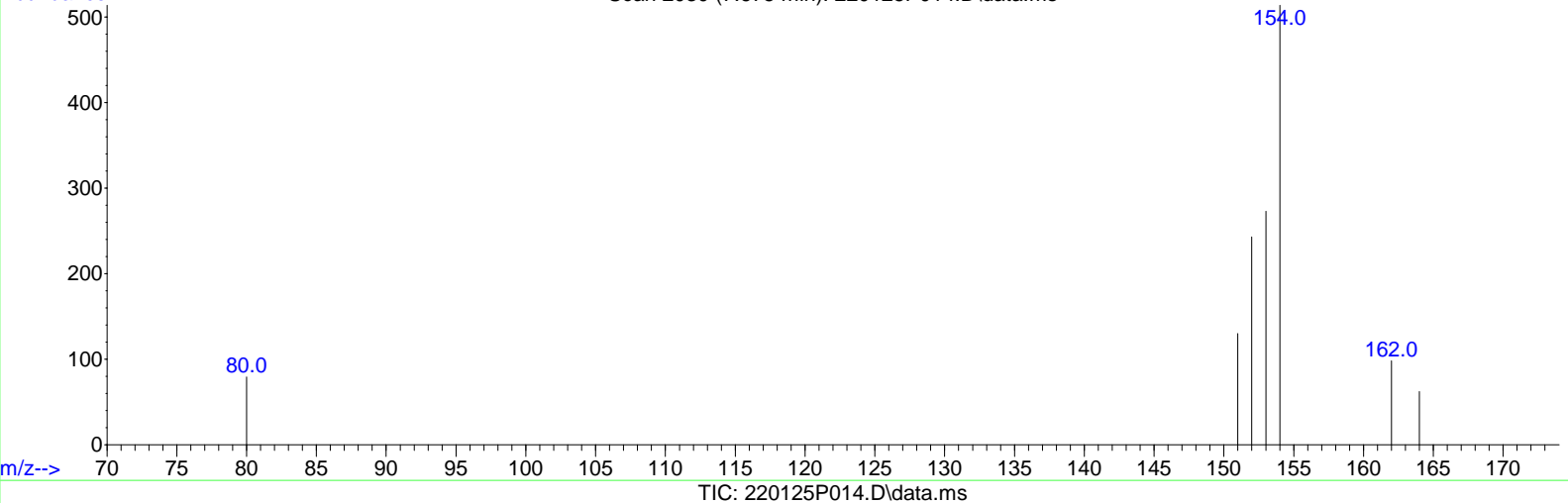
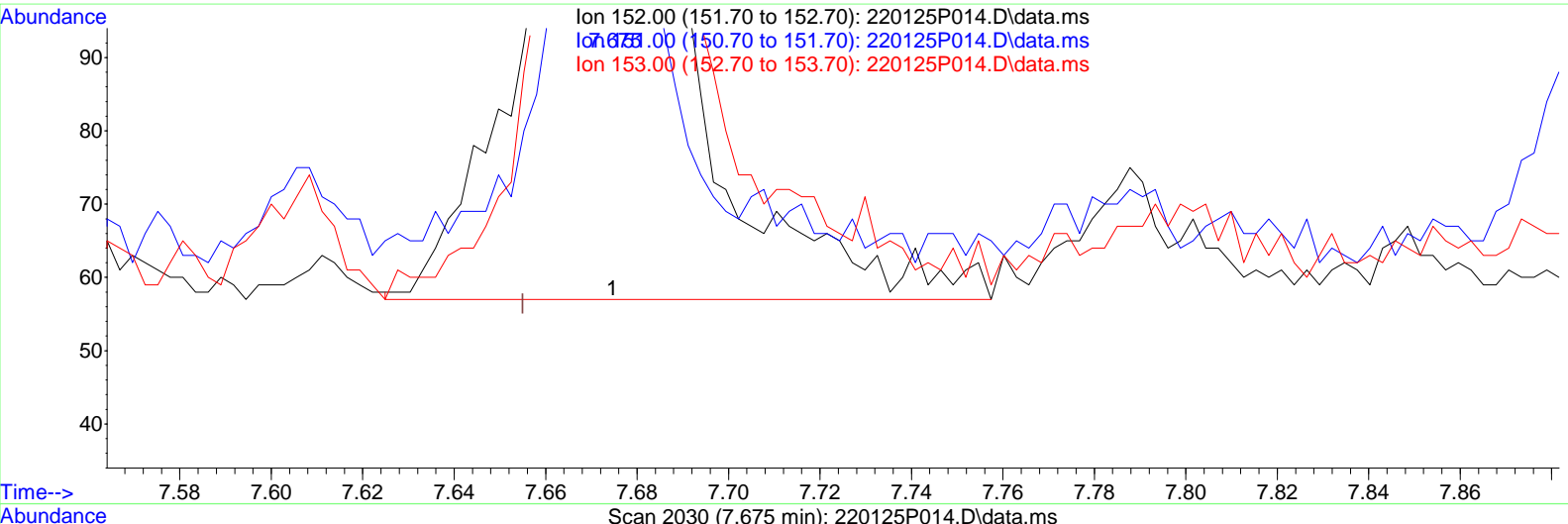
5.958min (-0.005) 0.084 ug/ml m

response 195

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.40	91.28
115.00	29.80	38.46
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(9) Acenaphthylene (T)

7.675min (+ 0.020) 0.072 ug/ml

response 310

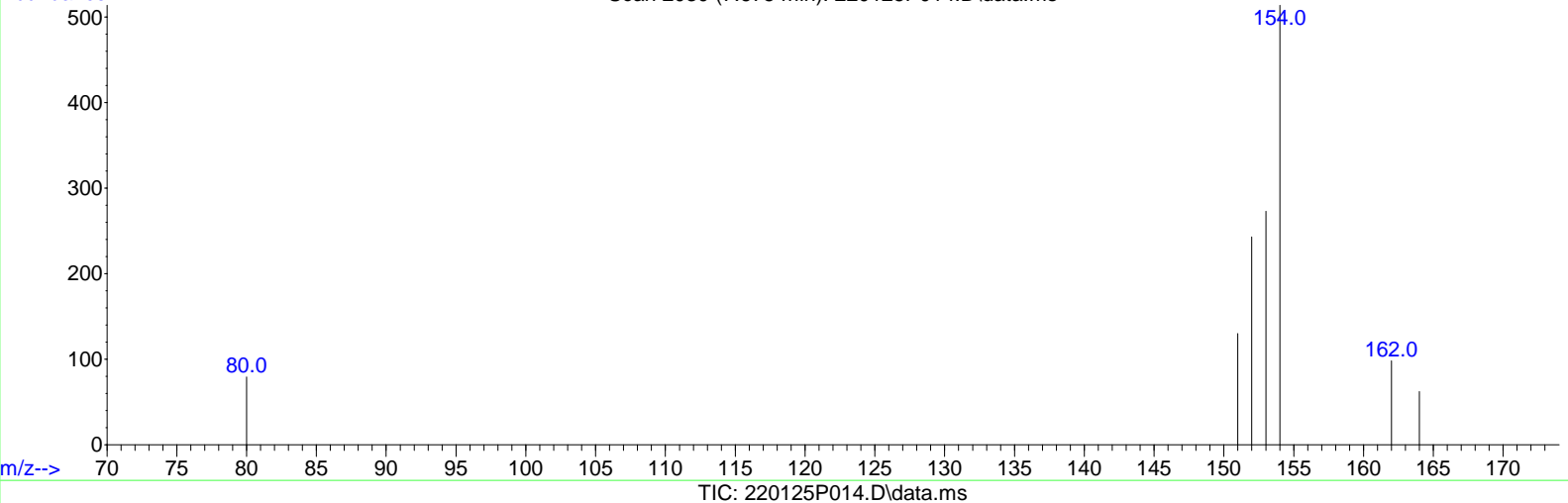
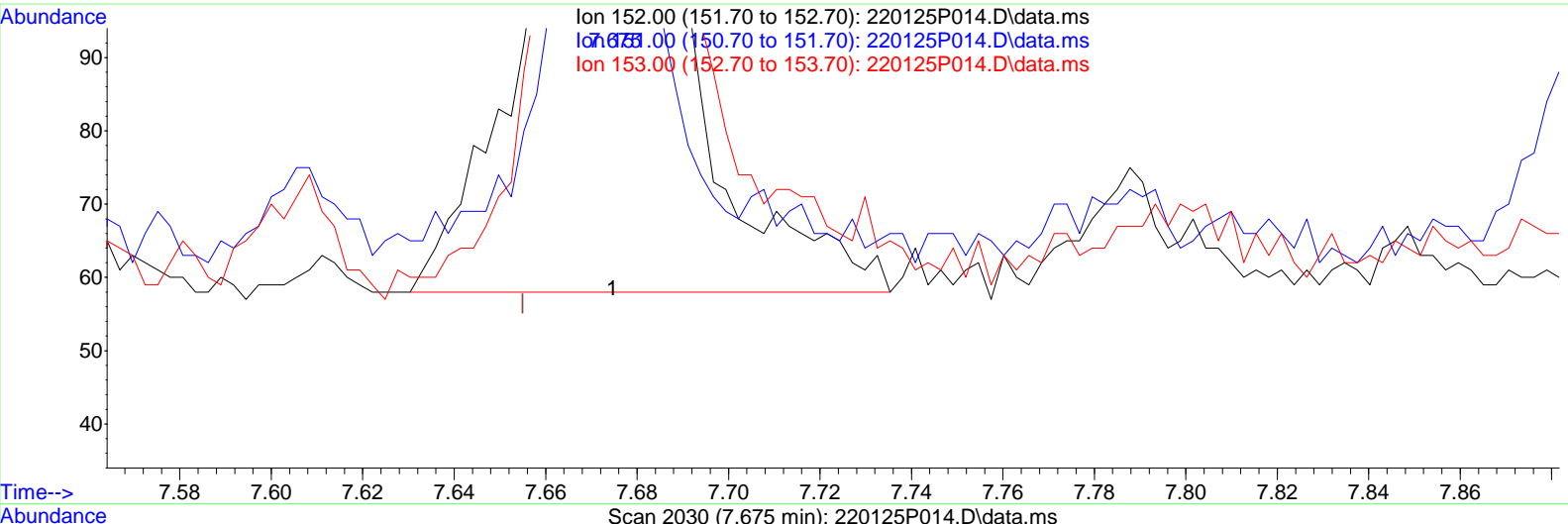
Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.90	42.90
153.00	13.50	110.32#
0.00	0.00	0.00

Manual Integration Reasons

1. BaseLine Smoothing
 Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(9) Acenaphthylene (T)

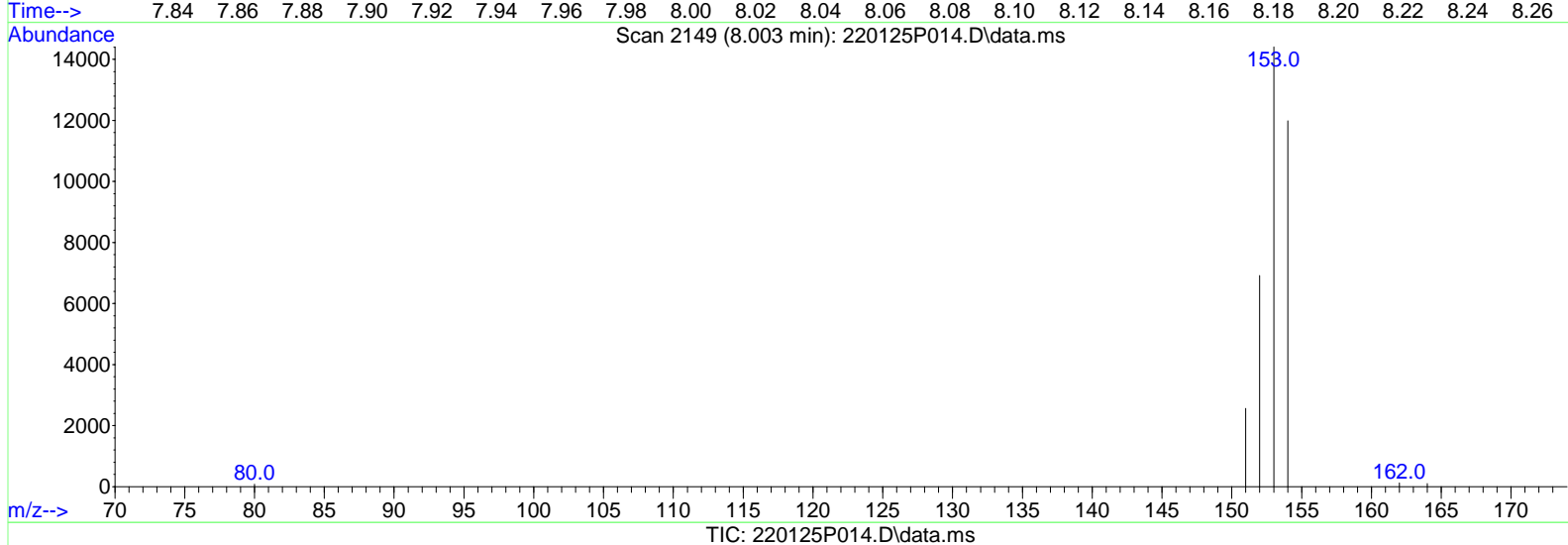
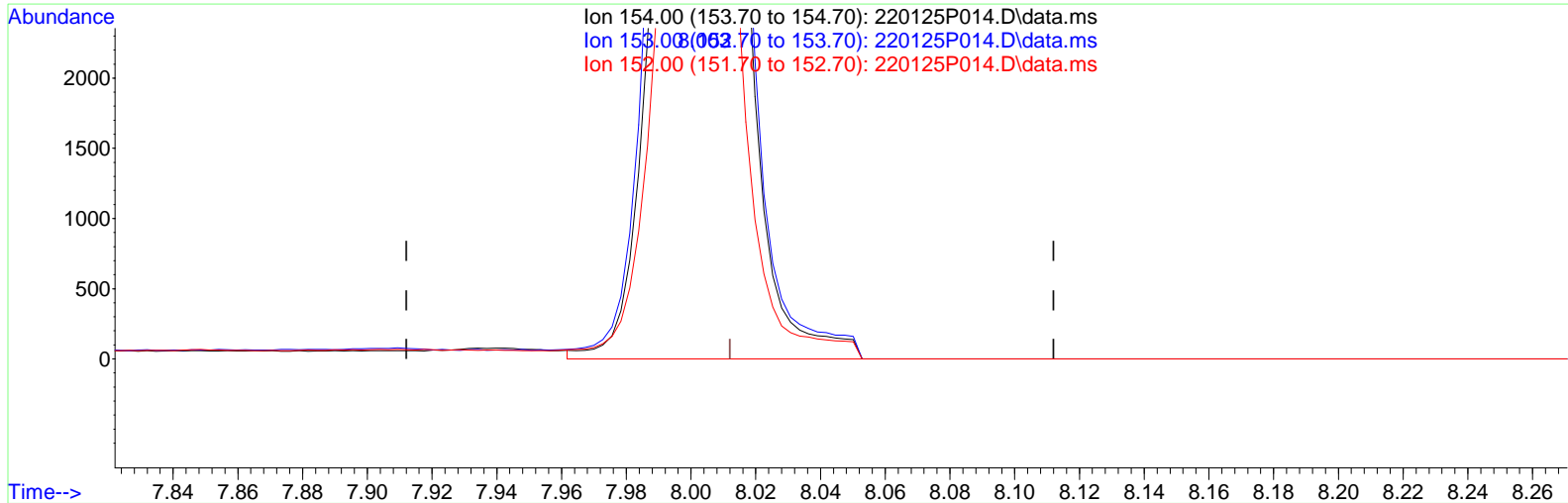
7.675min (+ 0.020) 0.070 ug/ml m

response 299

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.90	44.48
153.00	13.50	114.38#
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

8.003min (-0.009) 7.207 ug/ml

response 15715

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	121.24
152.00	53.40	59.56
0.00	0.00	0.00

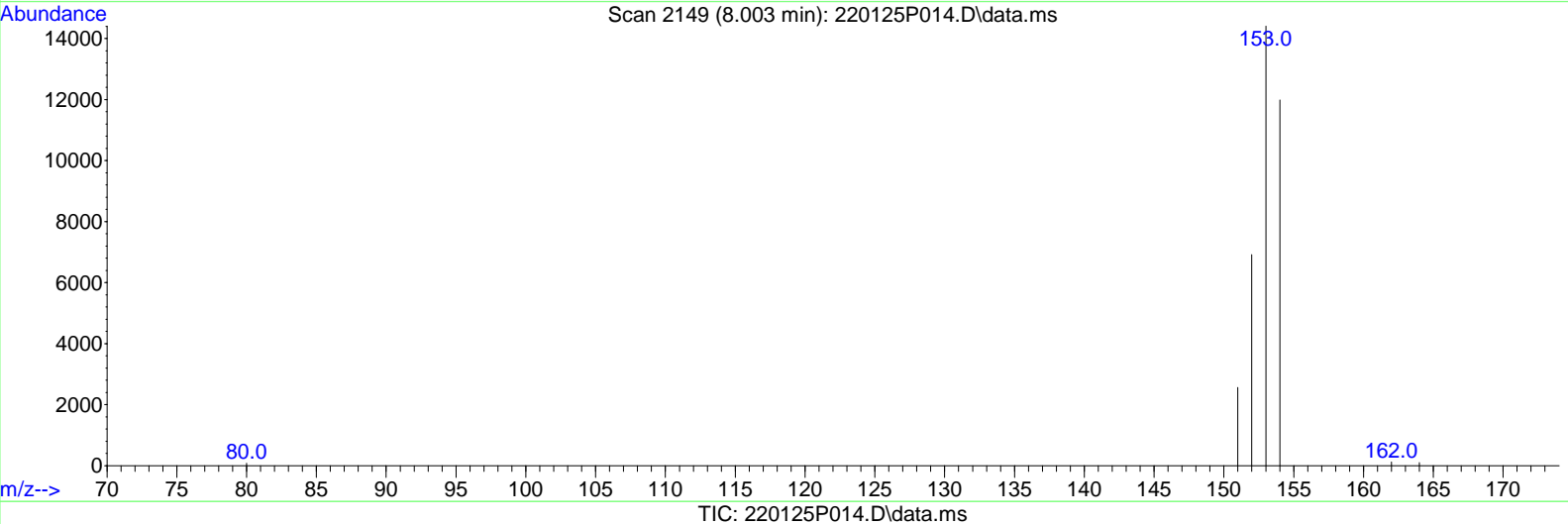
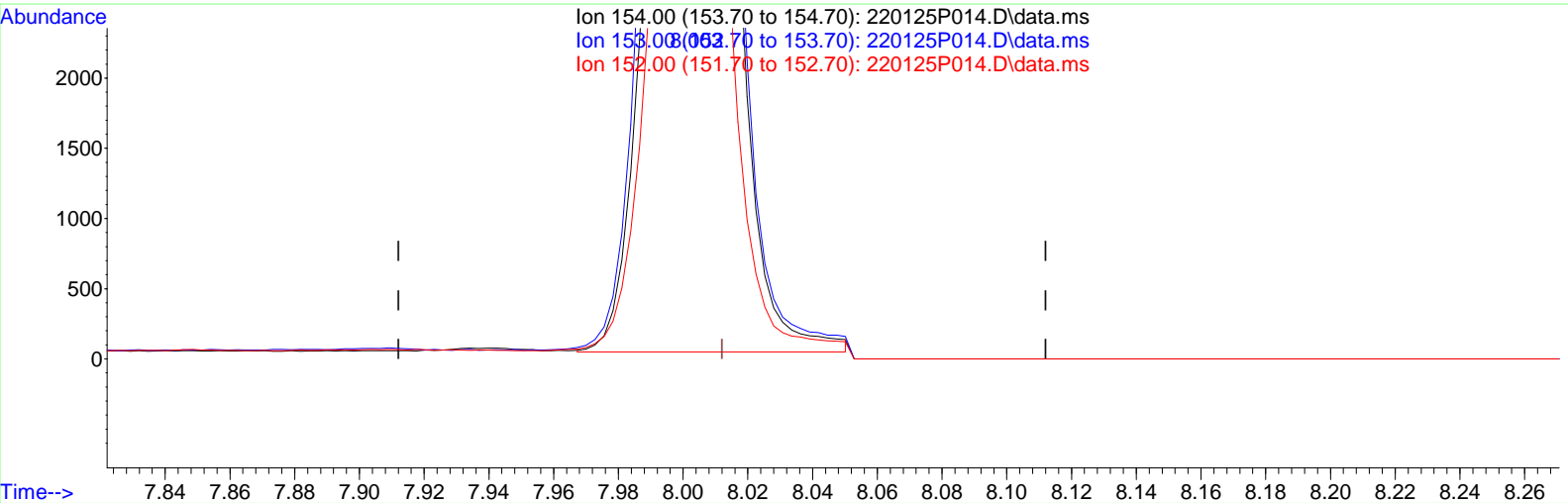
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

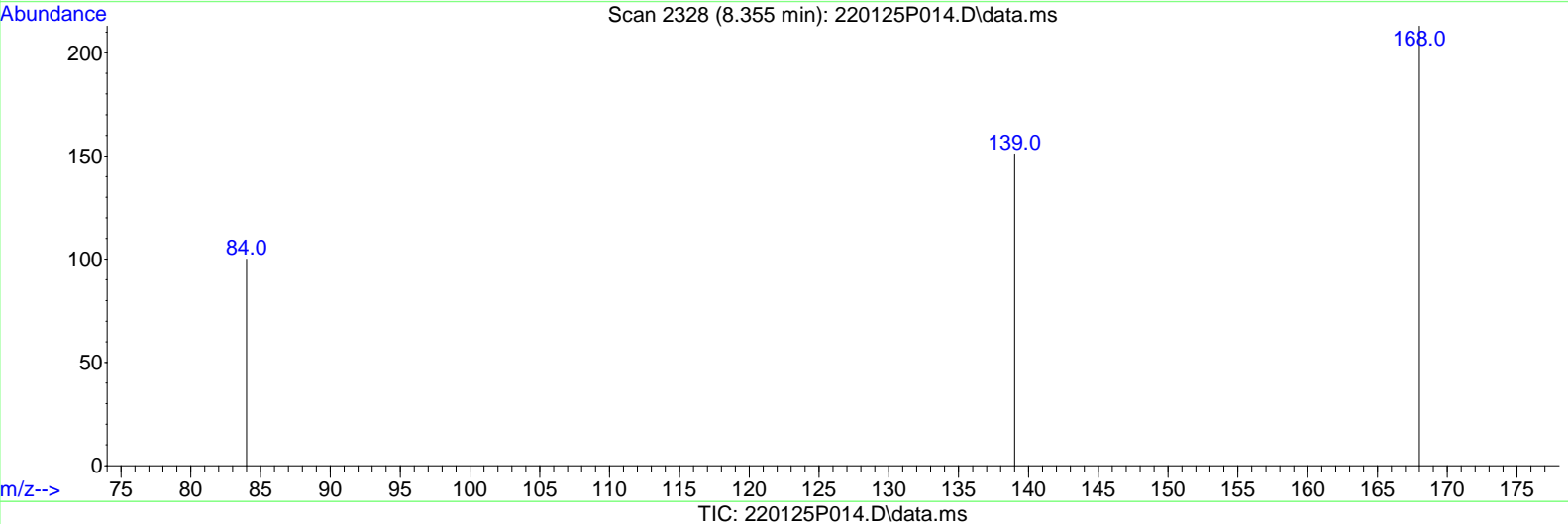
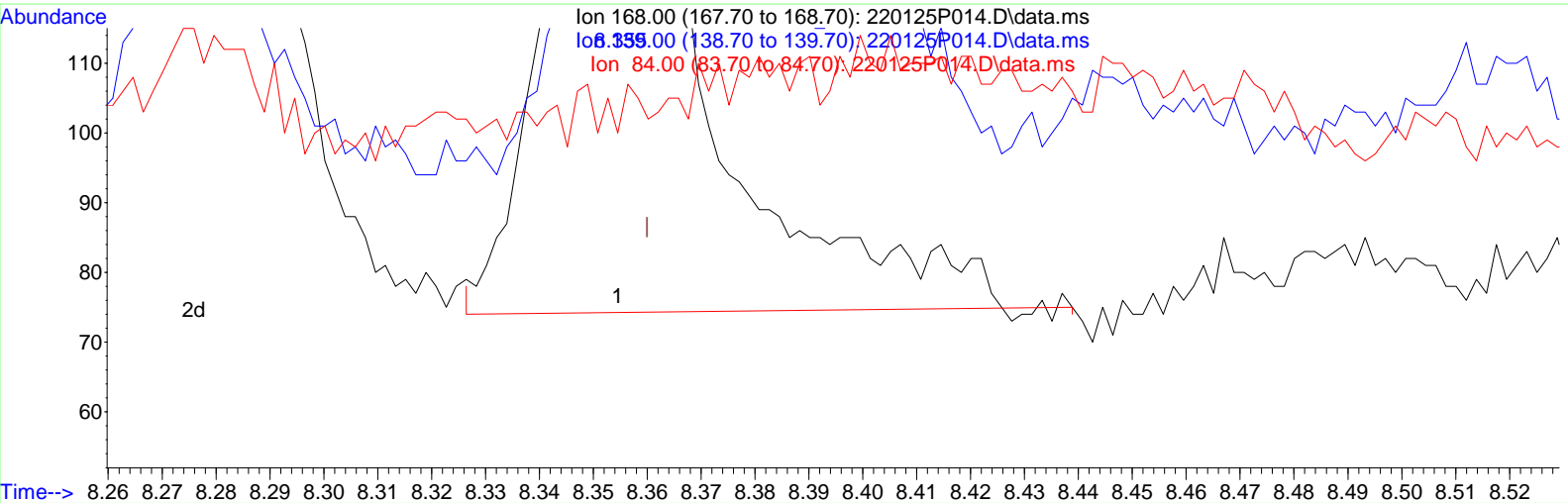
8.003min (-0.009) 7.284 ug/ml m

response 15882

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	119.97
152.00	53.40	58.93
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(11) Dibenzofuran (T)

8.355min (-0.005) 0.062 ug/ml

response 221

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	58.37#
84.00	0.00	0.00
0.00	0.00	0.00

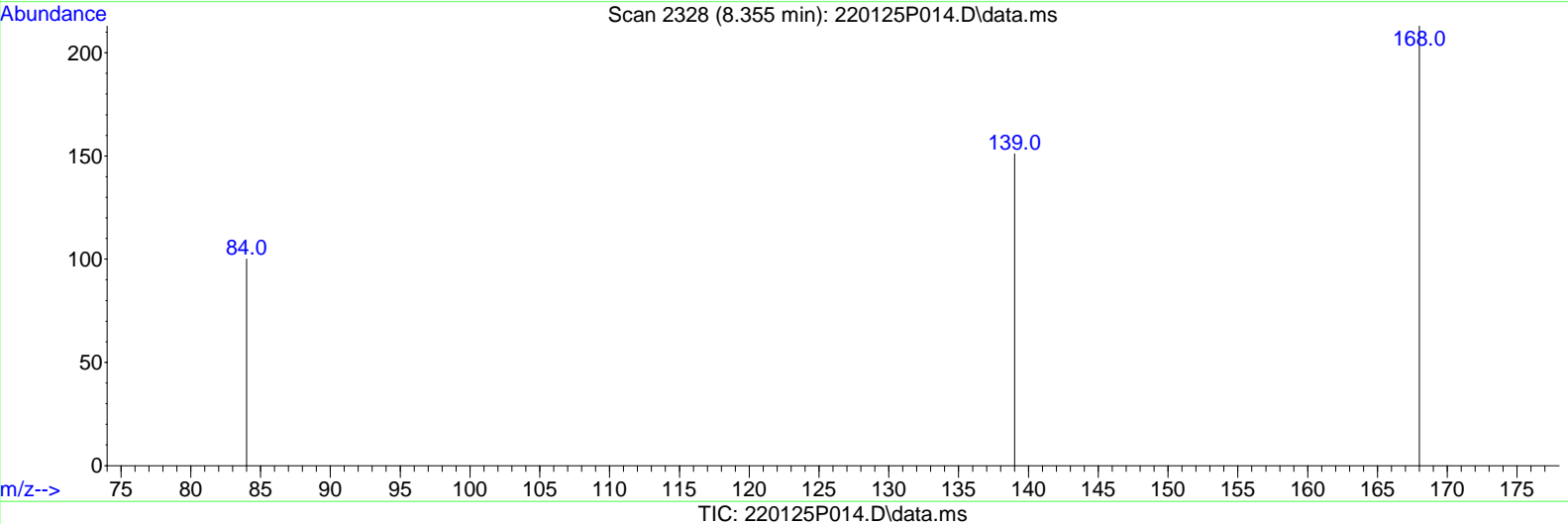
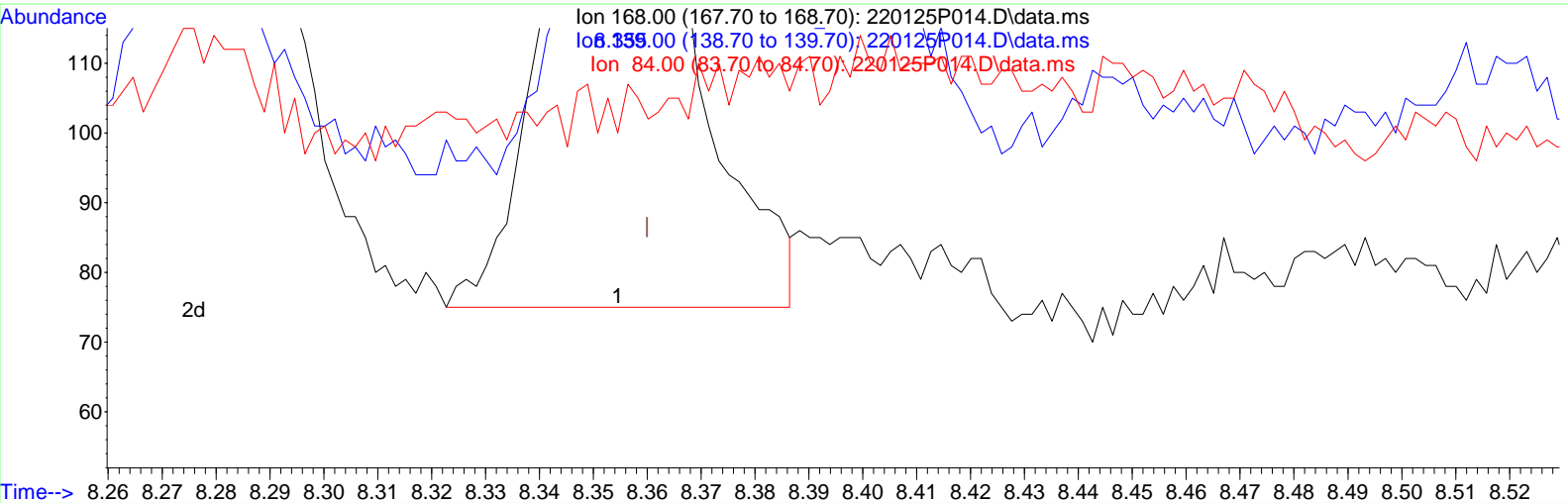
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(11) Dibenzofuran (T)

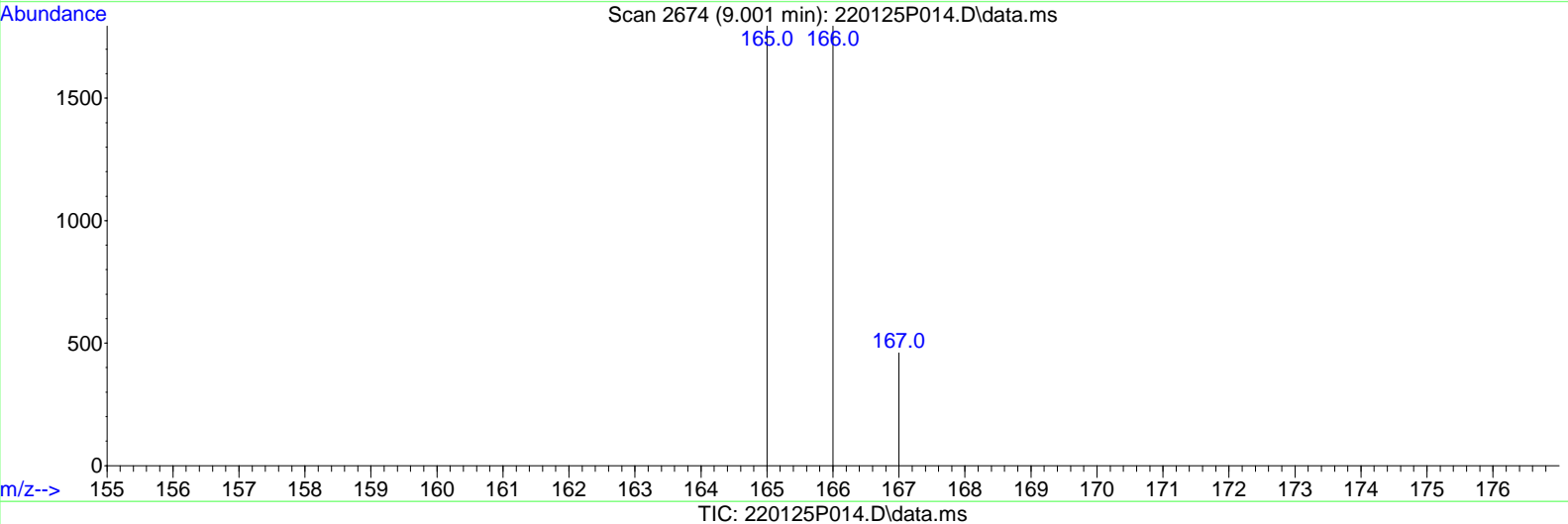
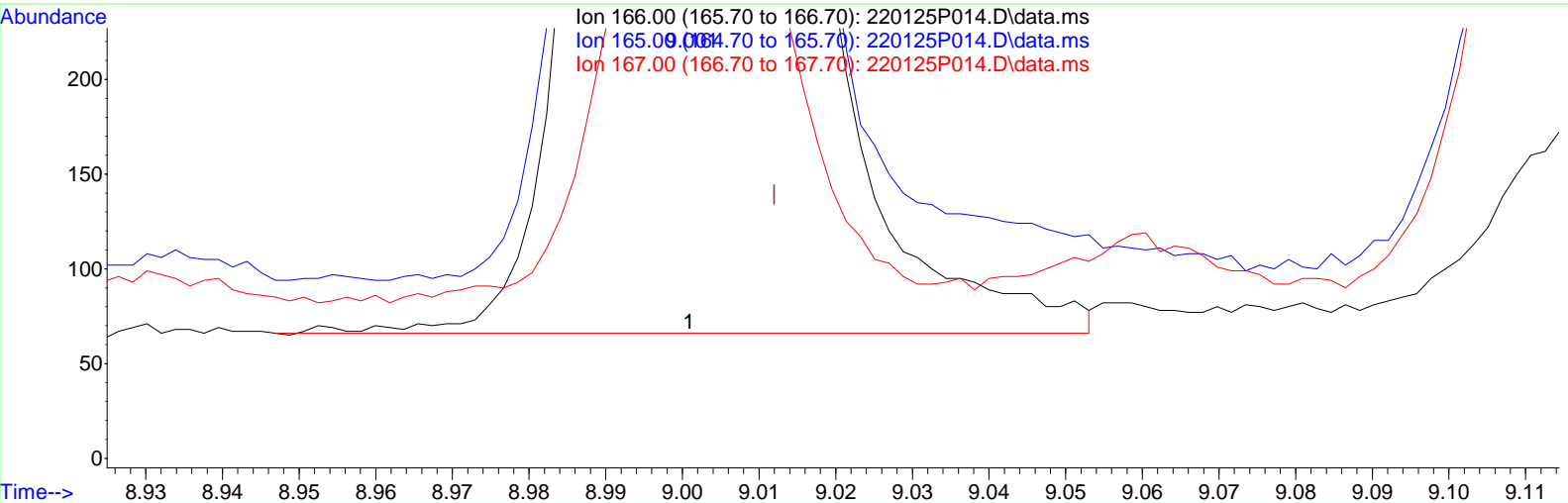
8.355min (-0.005) 0.057 ug/ml m

response 202

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	63.86#
84.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(12) Fluorene (T)

9.001min (-0.011) 0.794 ug/ml

response 2228

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	100.50	99.42
167.00	13.30	22.80
0.00	0.00	0.00

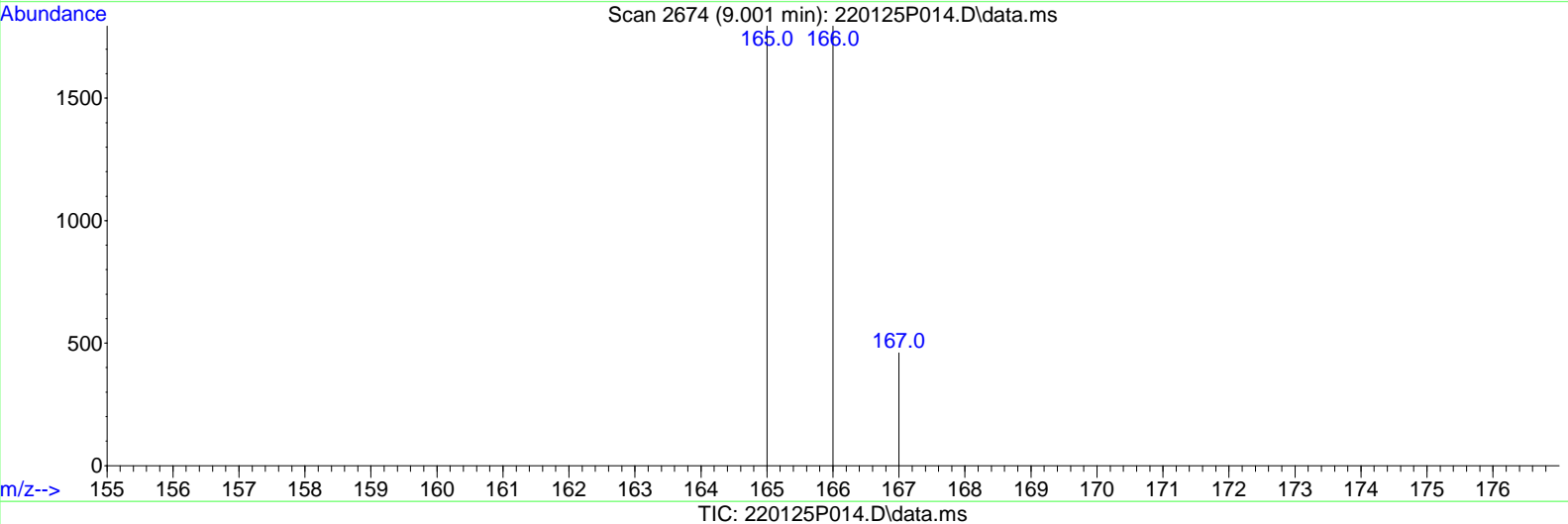
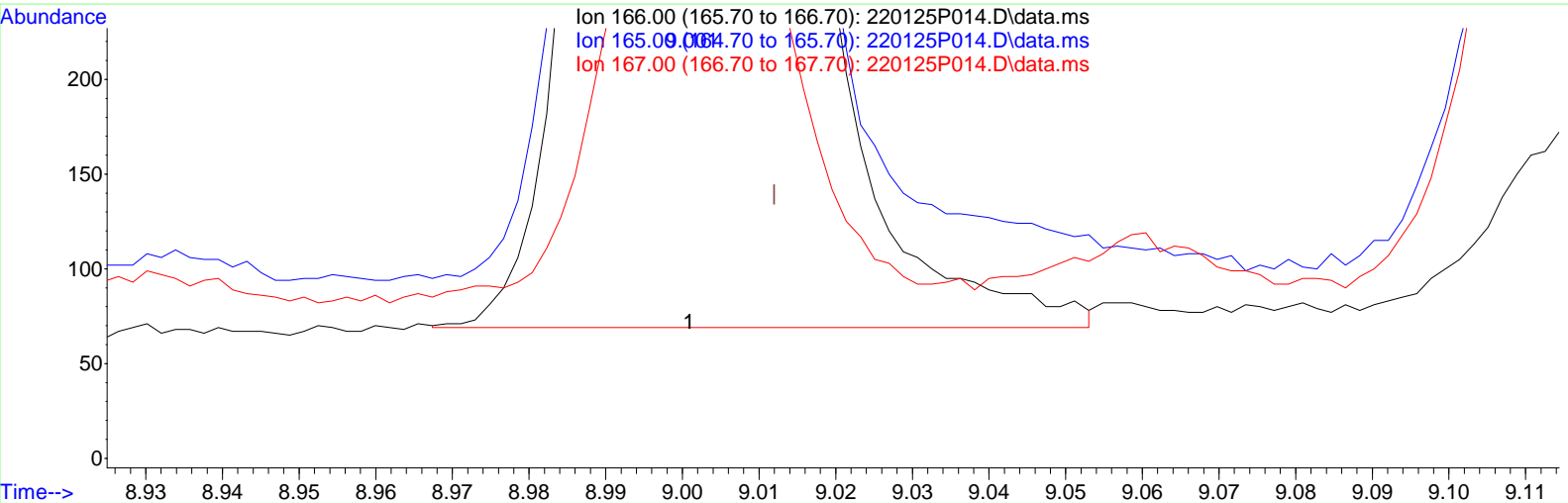
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(12) Fluorene (T)

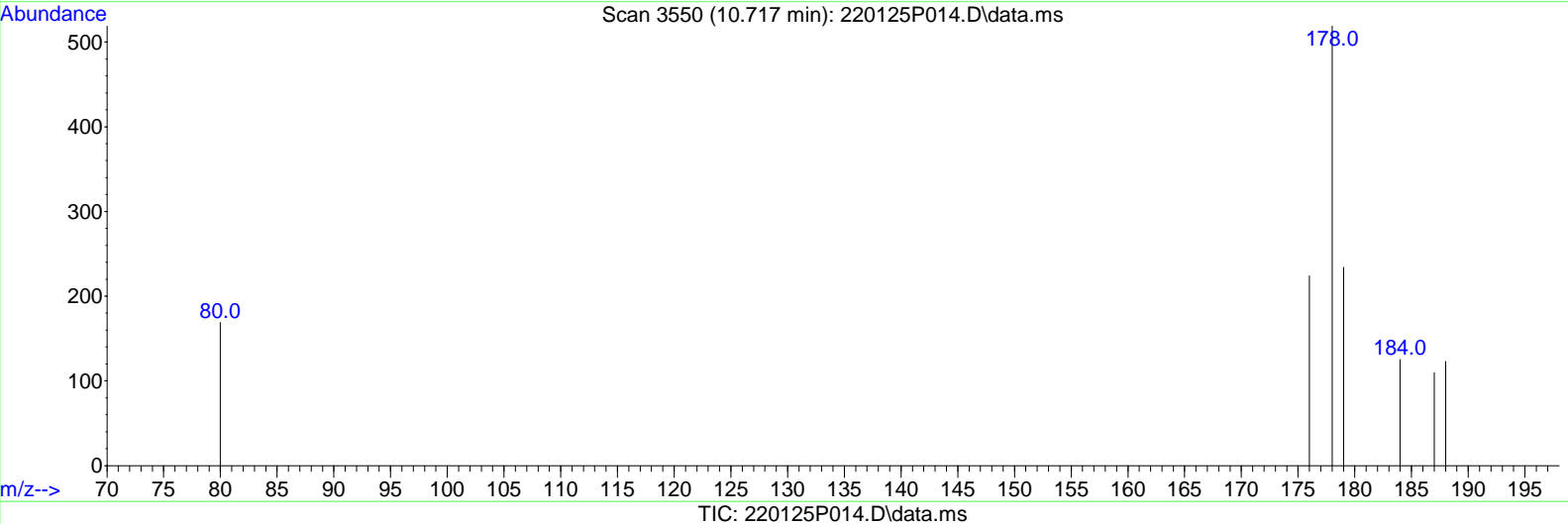
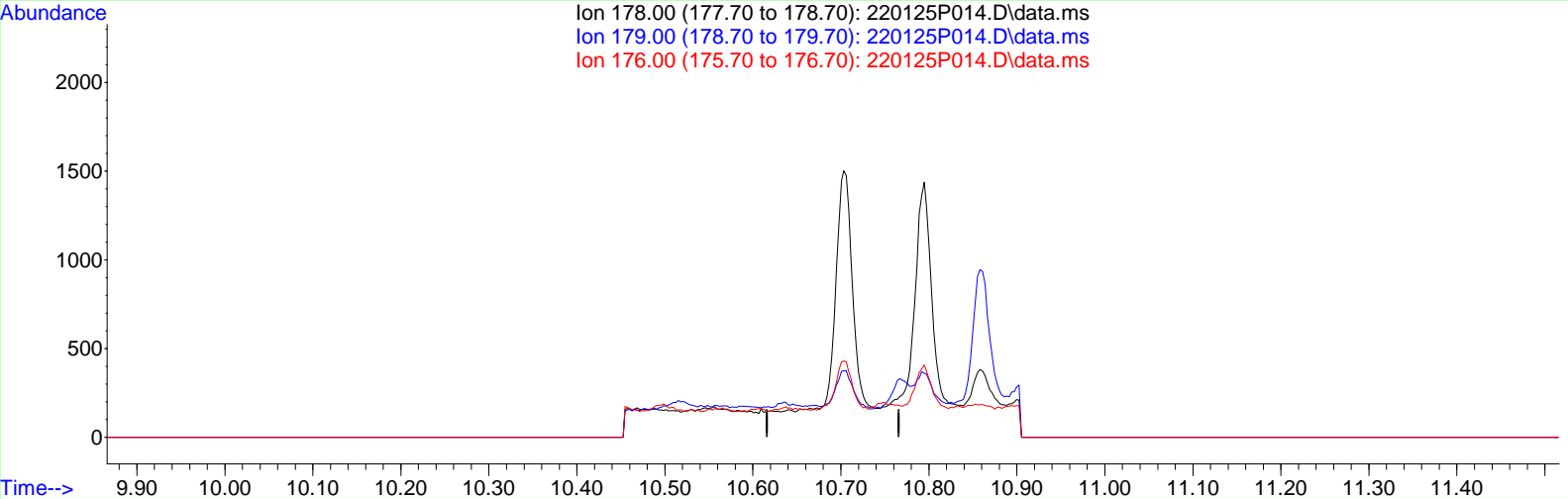
9.001min (-0.011) 0.788 ug/ml m

response 2210

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	100.50	100.23
167.00	13.30	22.99
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.716min (-10.716) 0.000 ug/ml

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

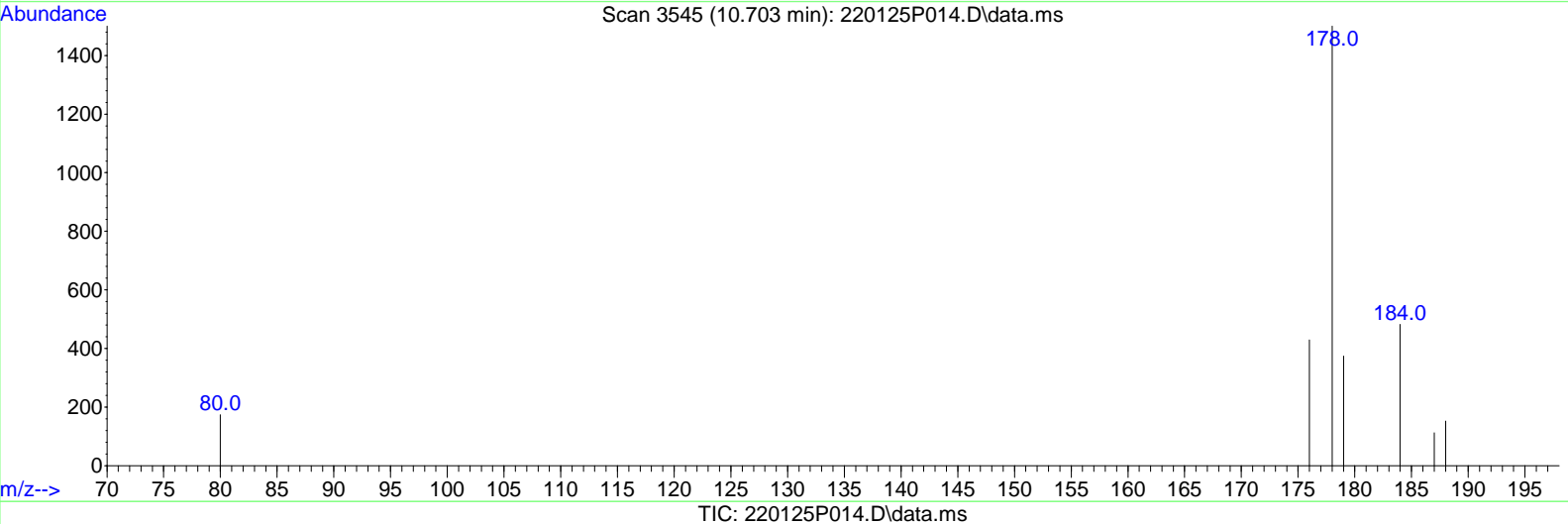
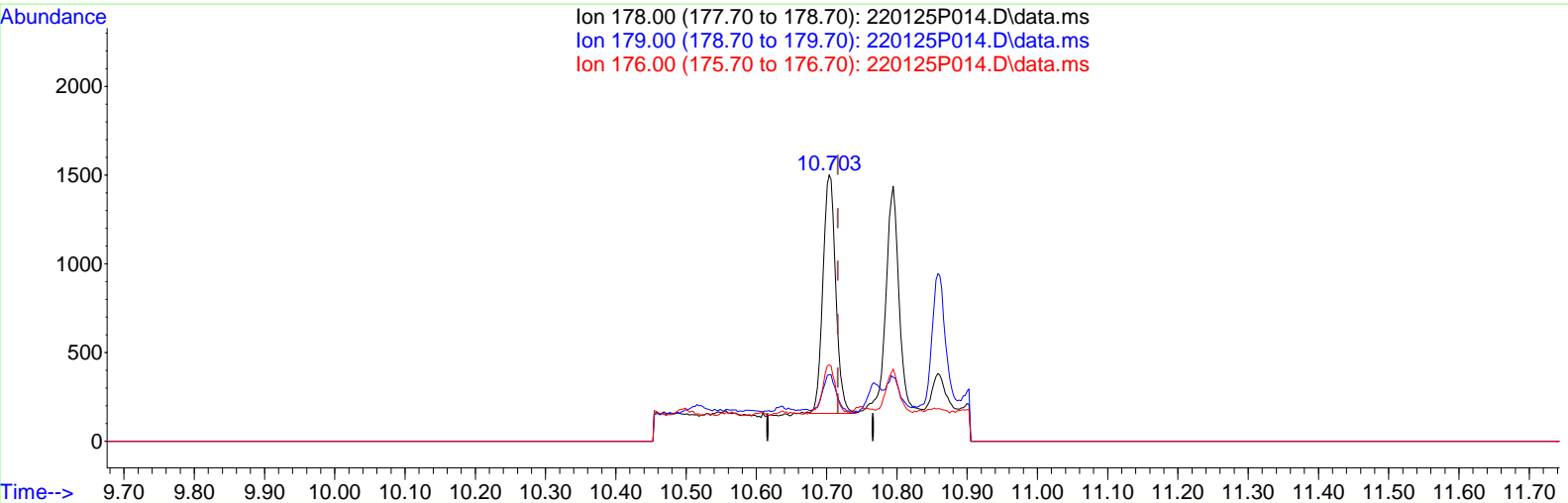
Manual Integration Reasons

1. Peak Not Found
2. Assign Peak

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

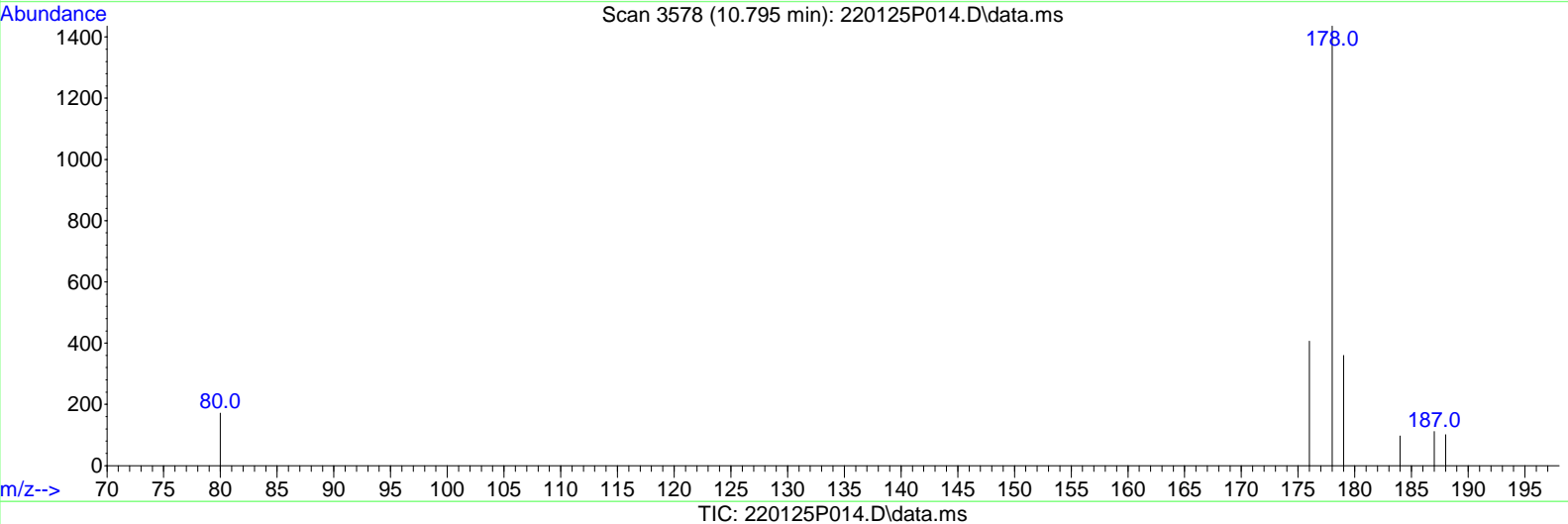
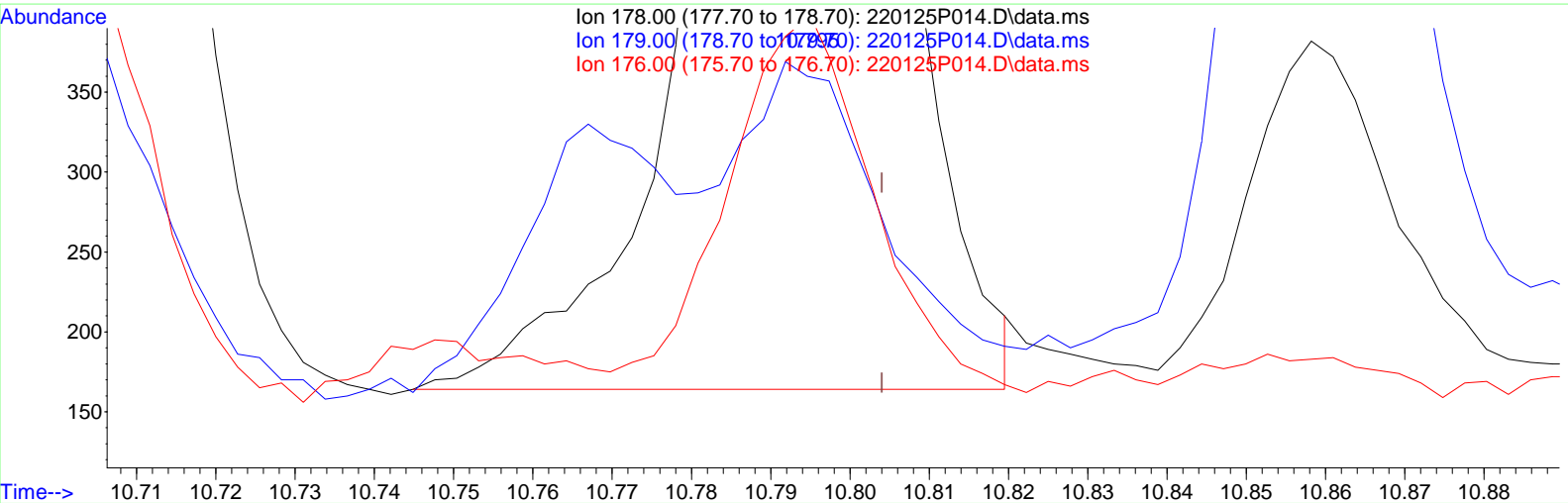
10.703min (-0.013) 0.439 ug/ml m

response 1702

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.795min (-0.009) 0.438 ug/ml

response 1638

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	31.50
176.00	18.20	17.40
0.00	0.00	0.00

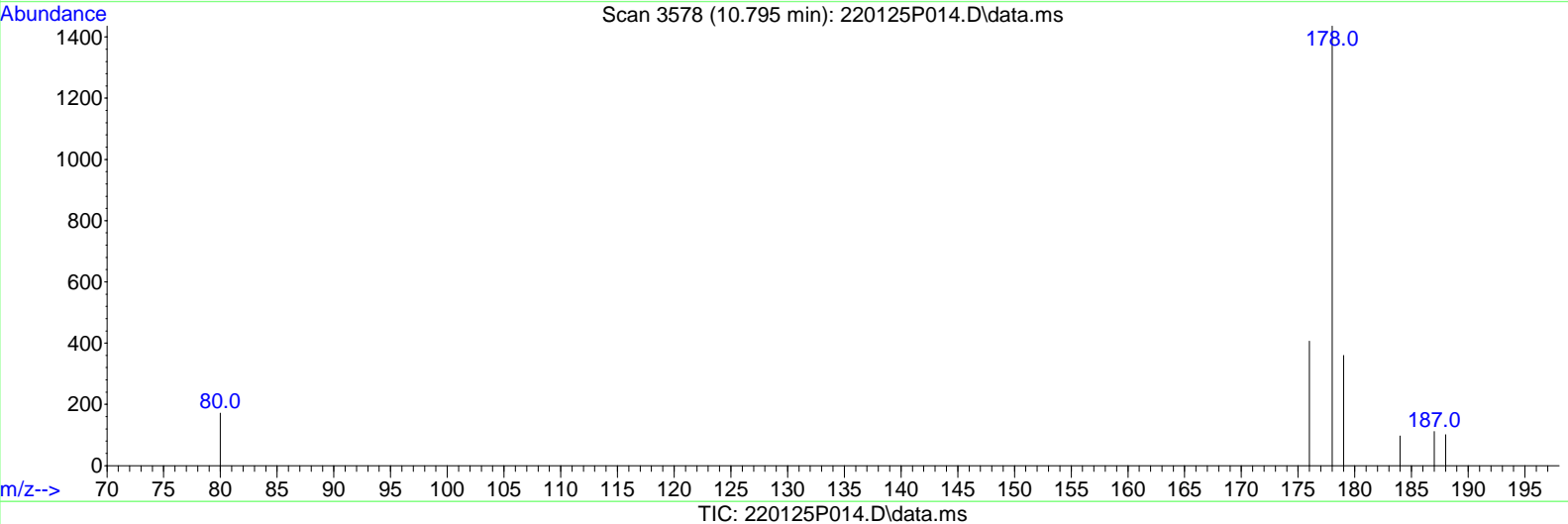
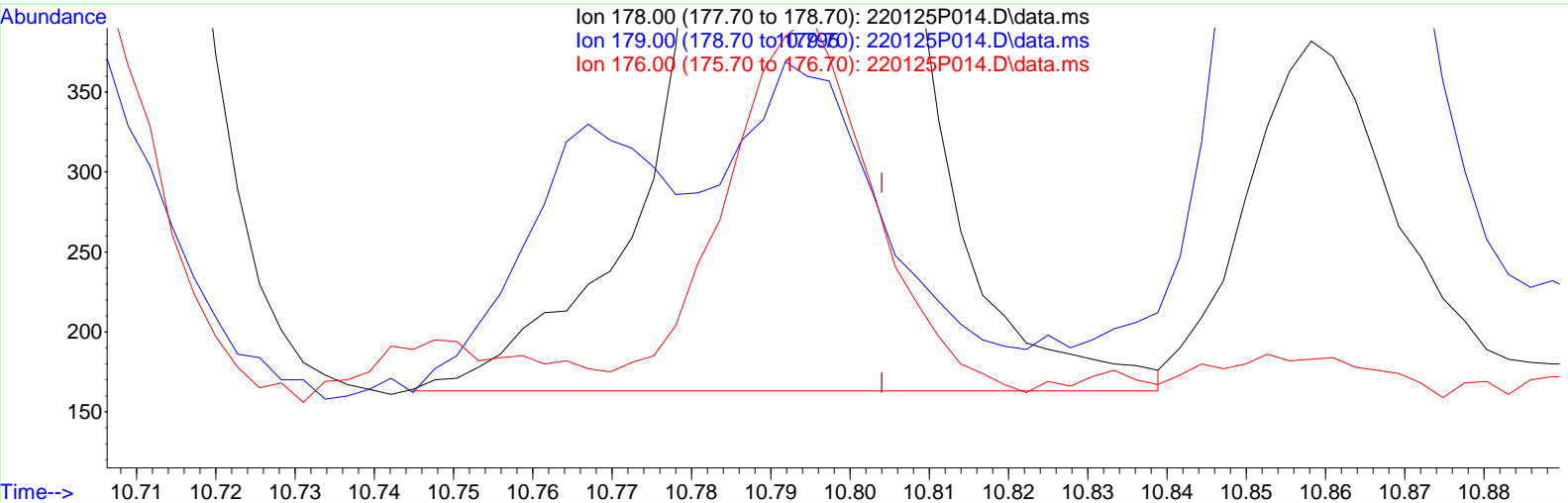
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

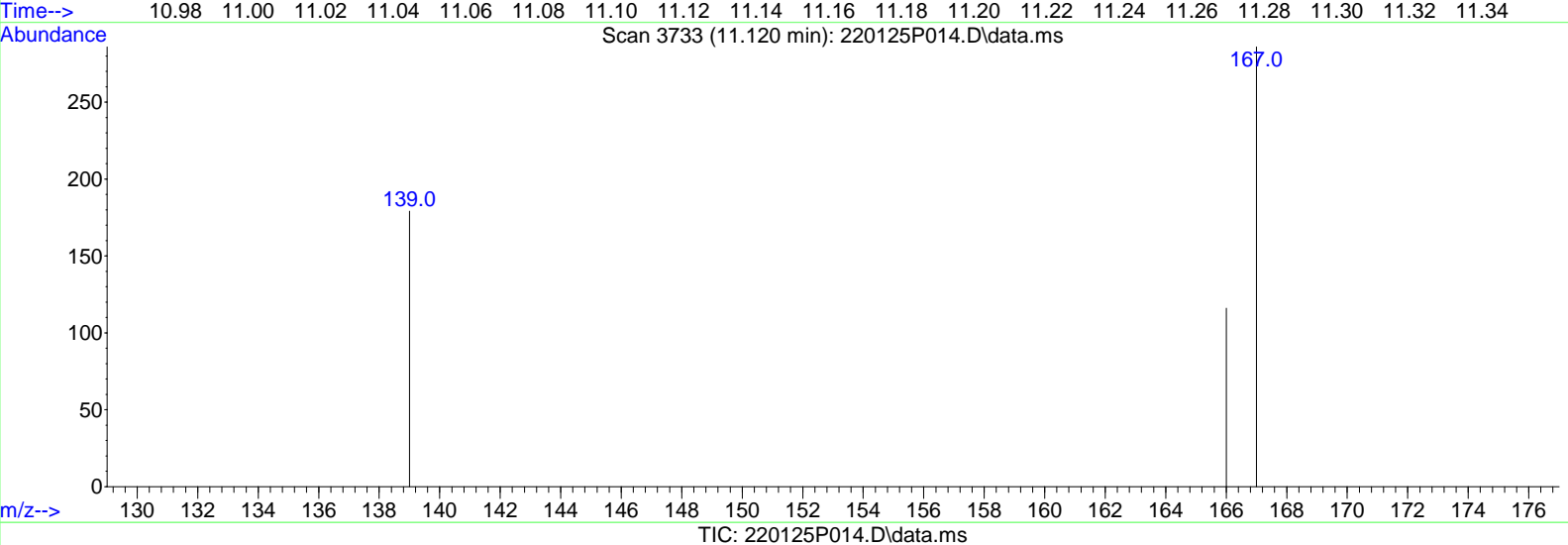
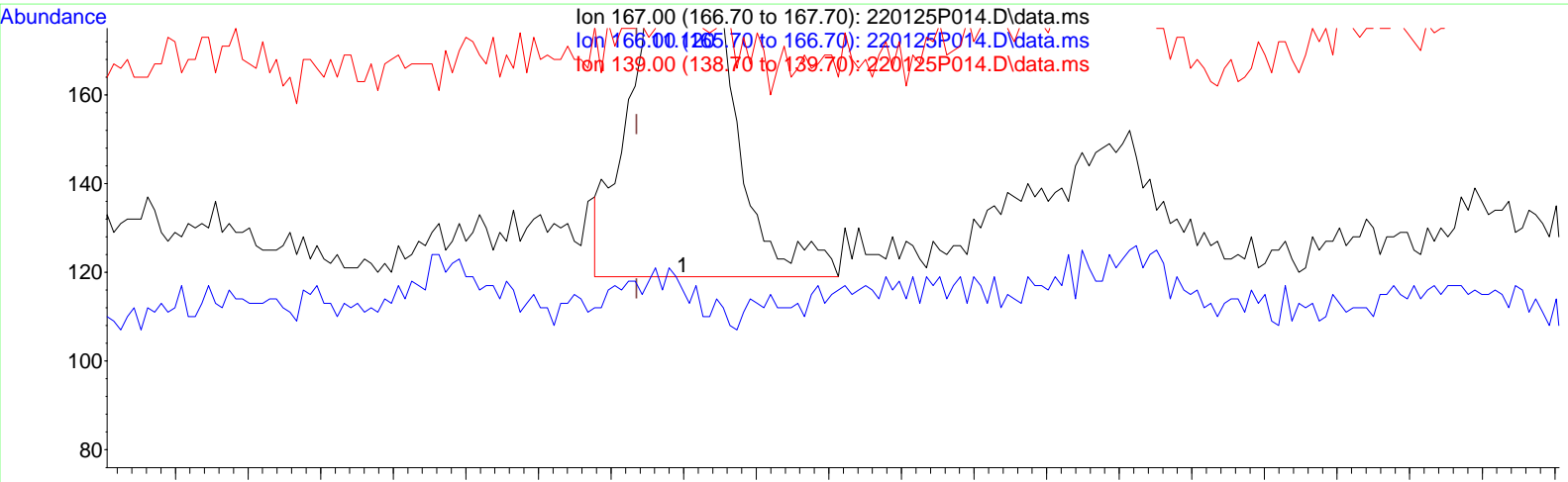
10.795min (-0.009) 0.445 ug/ml m

response 1667

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	30.95
176.00	18.20	17.10
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(16) Carbazole (T)

11.120min (+ 0.013) 0.055 ug/ml

response 207

Ion	Exp%	Act%
167.00	100.00	100.00
166.00	22.60	0.00
139.00	12.20	0.00
0.00	0.00	0.00

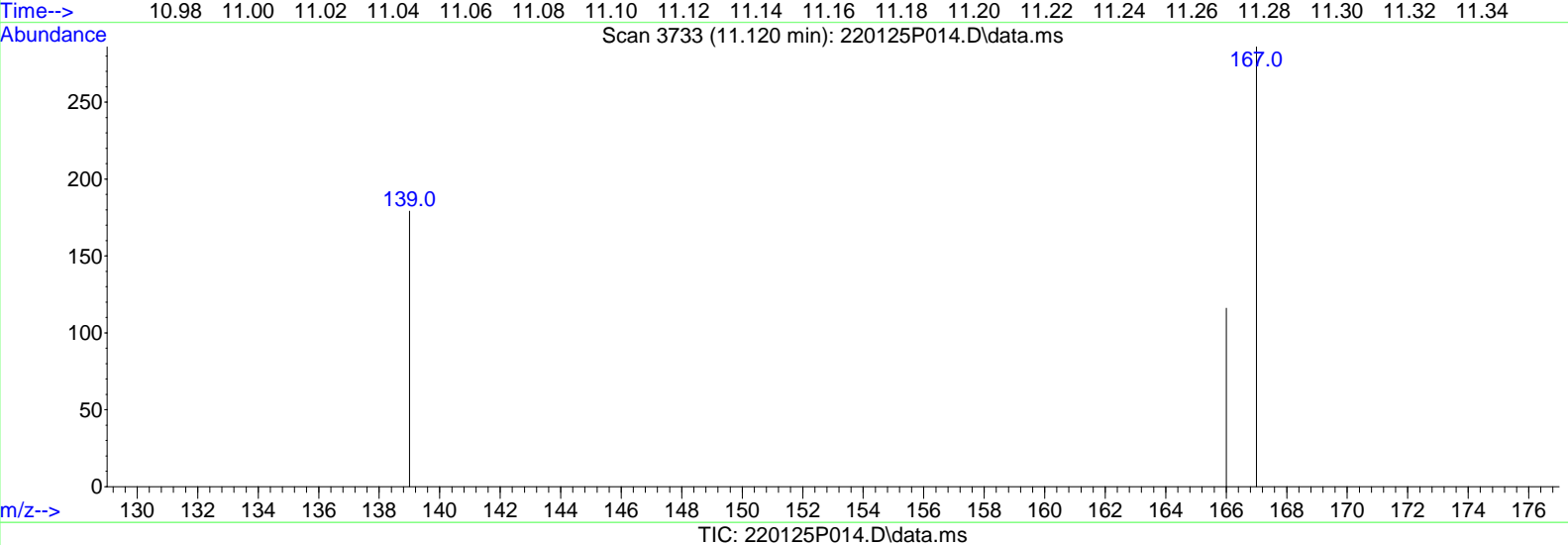
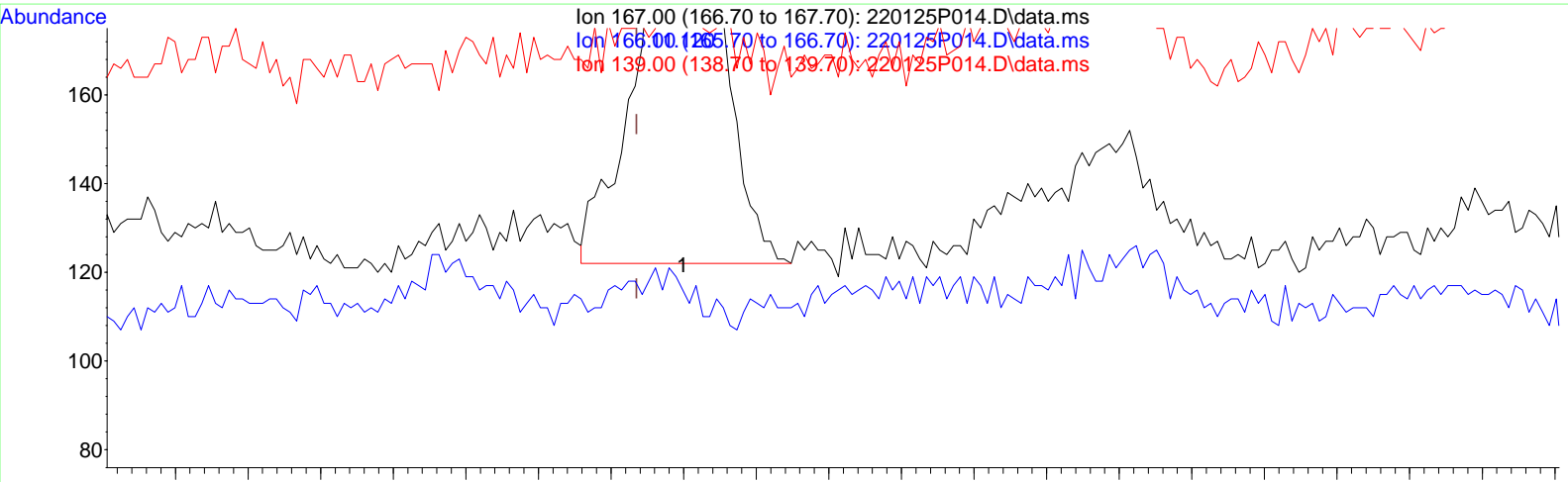
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(16) Carbazole (T)

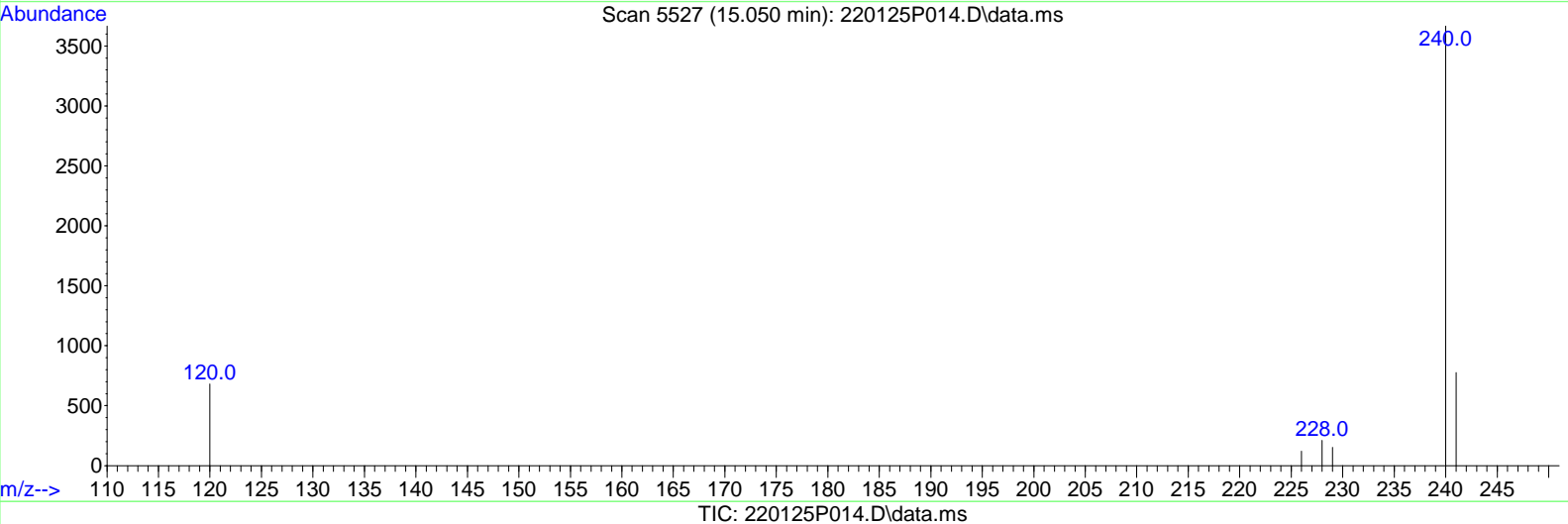
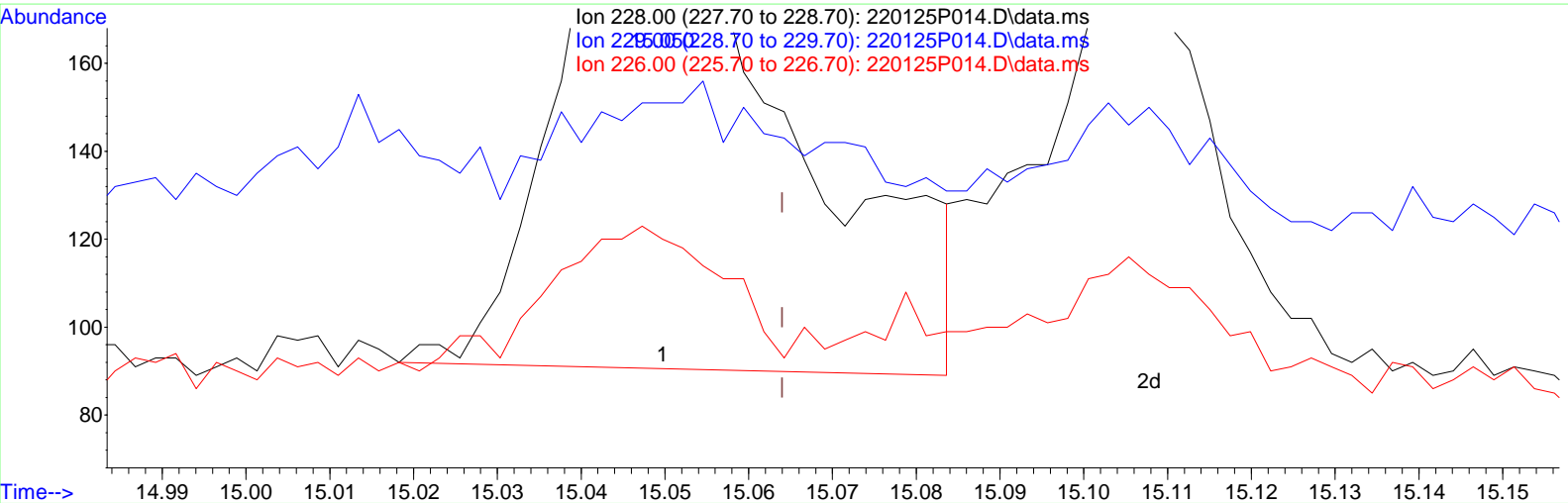
11.120min (+ 0.013) 0.052 ug/ml m

response 196

Ion	Exp%	Act%
167.00	100.00	100.00
166.00	22.60	0.00
139.00	12.20	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(22) Benzo[a]anthracene (T)

15.050min (-0.014) 0.037 ug/ml

response 225

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.60	0.00
226.00	27.00	0.00
0.00	0.00	0.00

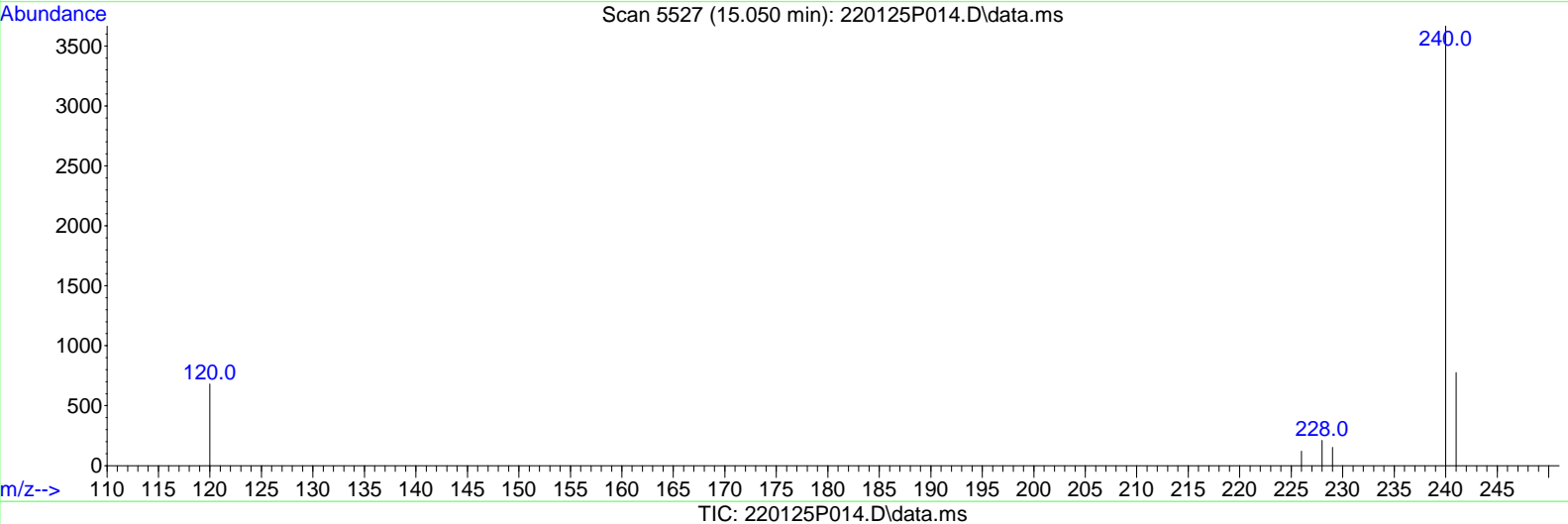
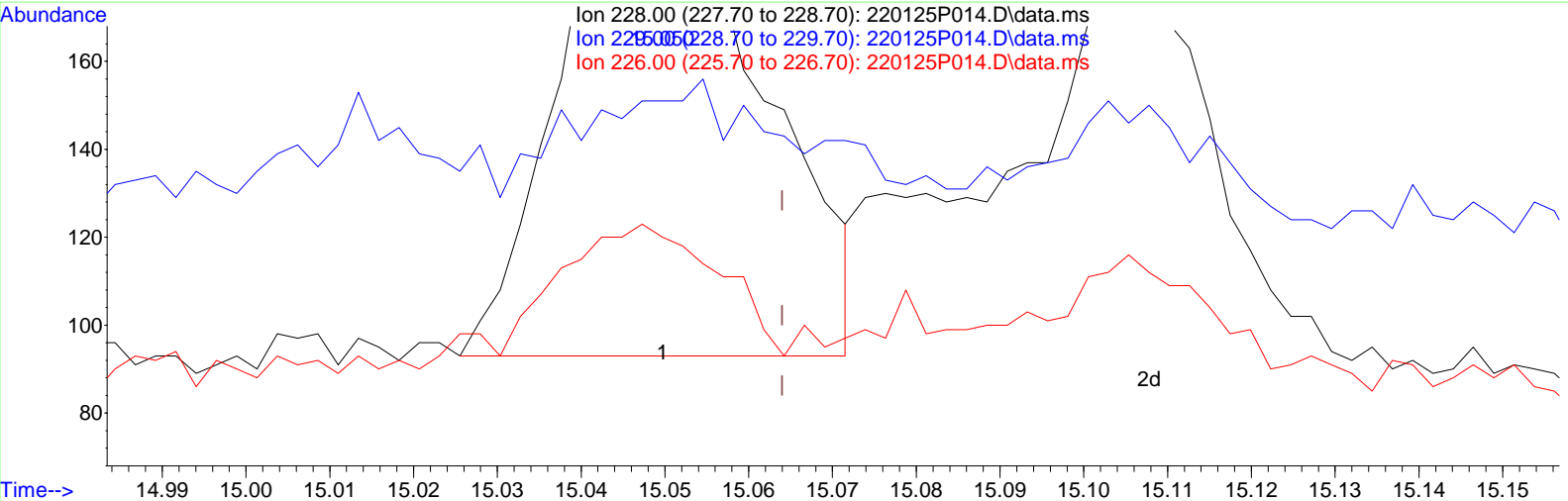
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(22) Benzo[a]anthracene (T)

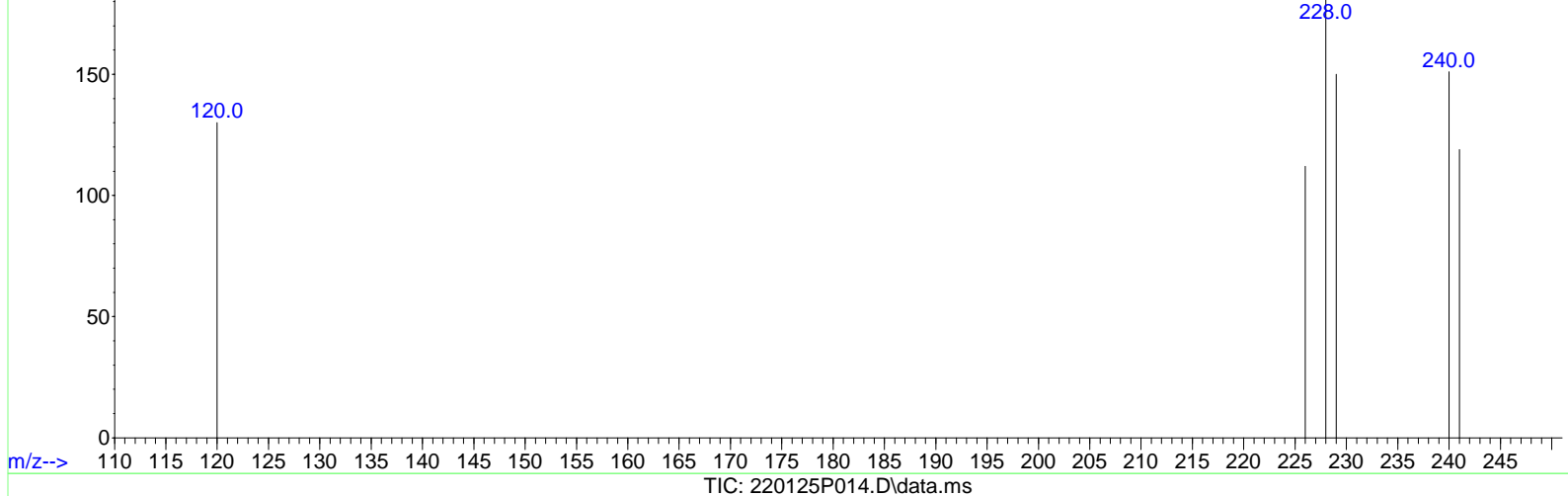
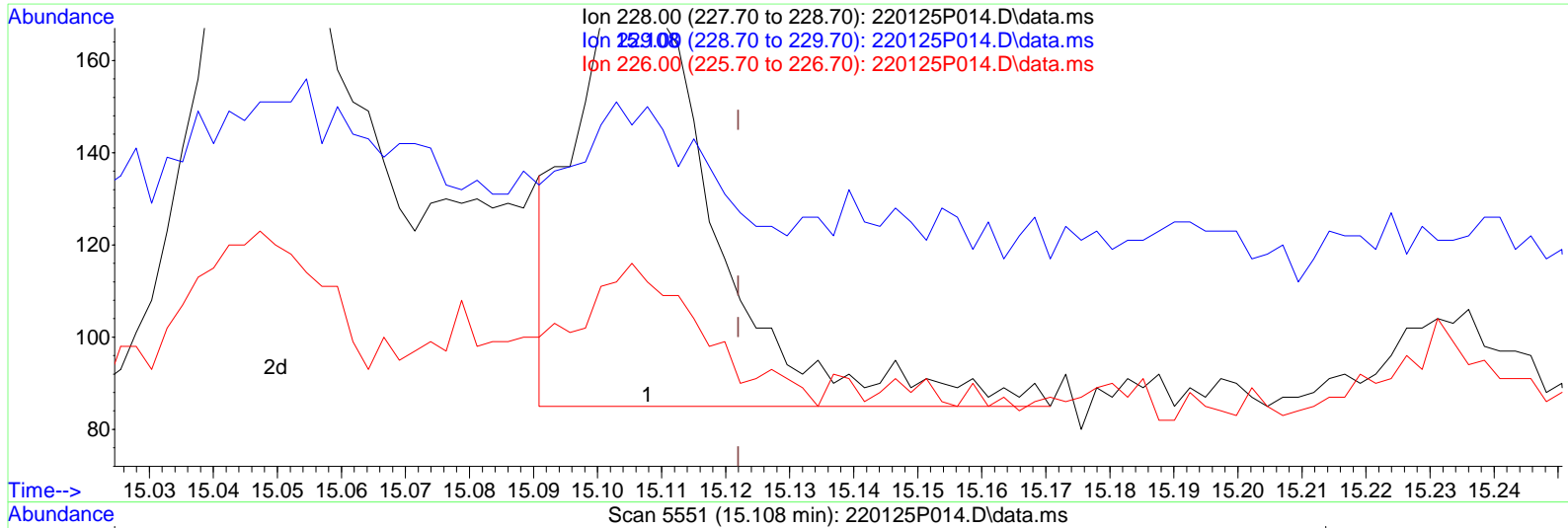
15.050min (-0.014) 0.029 ug/ml m

response 188

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.60	0.00
226.00	27.00	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(23) Chrysene (T)

15.108min (-0.014) 0.033 ug/ml

response 142

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	0.00
226.00	29.80	0.00
0.00	0.00	0.00

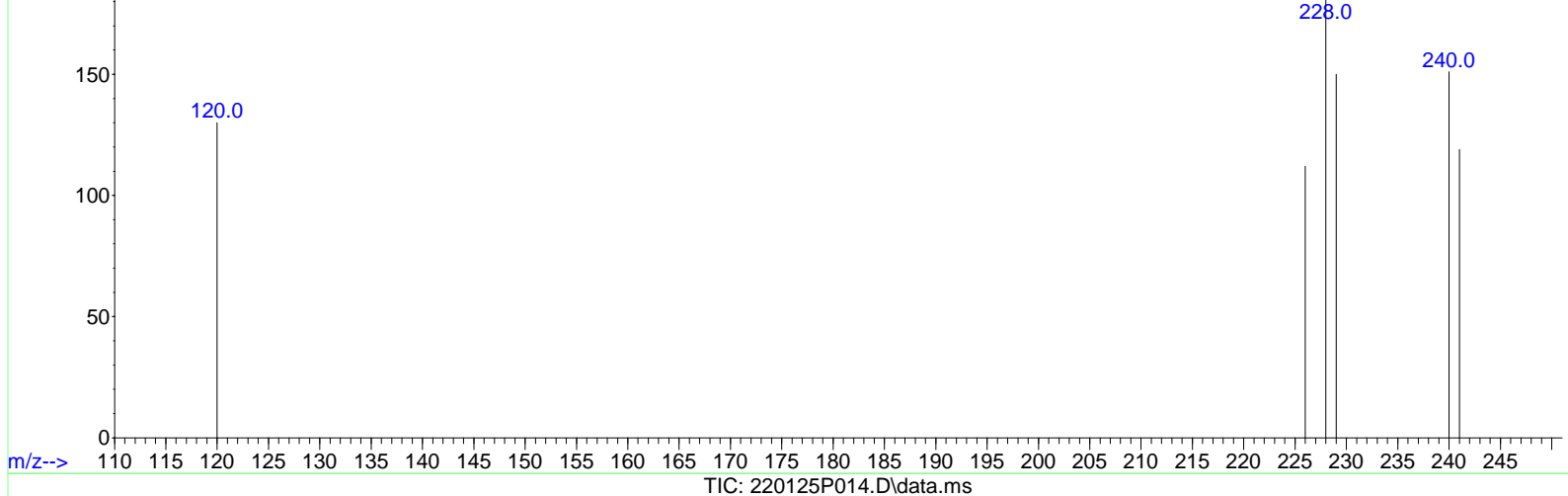
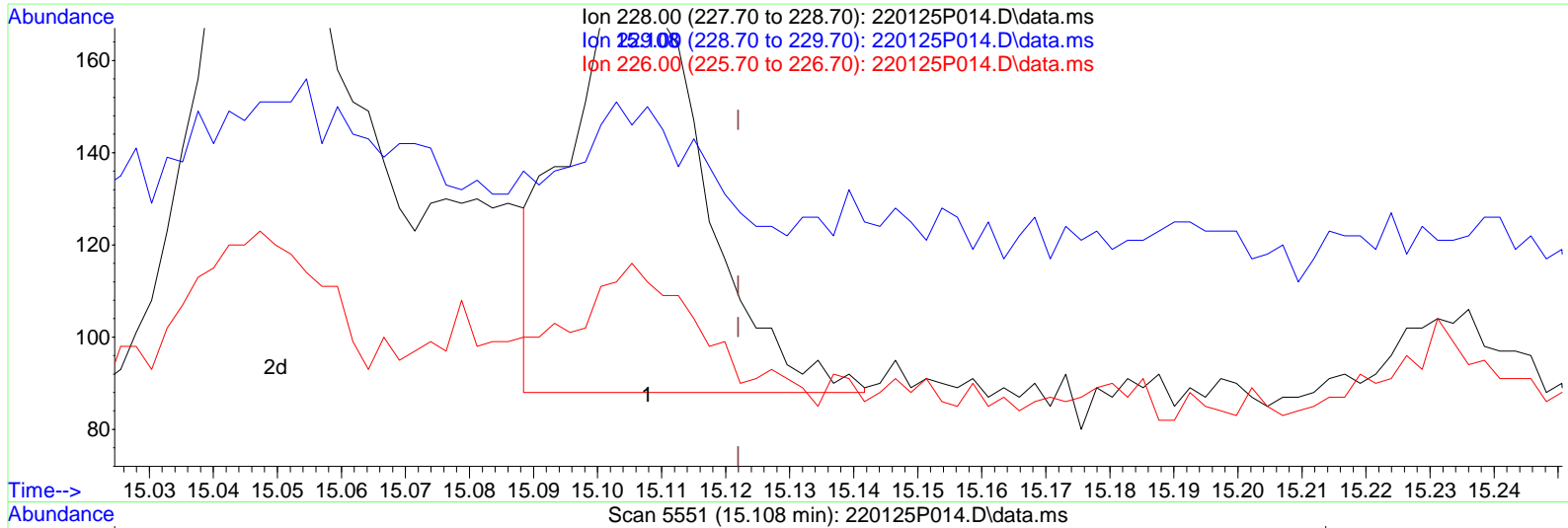
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P014.D
 Acq On : 25 Jan 2022 6:19 pm
 Operator : BDE
 Sample : J2200963007
 Misc : 8270D SIM-1842
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 25 18:43:29 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(23) Chrysene (T)

15.108min (-0.014) 0.030 ug/ml m

response 132

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	0.00
226.00	29.80	0.00
0.00	0.00	0.00



Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2200963008	Client ID:	RSA306-2344-A1004
Date Collected:	1/19/2022	File ID:	220125P015.D
Date Analyzed:	1/25/2022 18:46	Matrix:	WATER
Date Extracted:	1/24/2022 09:00	Instrument ID:	J7P
Dilution:	1	Analytical Run ID:	220125P-SIM-DOD
Sample Wt/Vol:	1000.00 mL	% Moisture:	100
Extract Vol:	1000 uL	Lims Prep Batch:	3286
Prep Method:	SW-846 3510C	Lims Analytical Batch:	1842

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.050	U	0.025	0.050	0.10	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P015.D
 Acq On : 25 Jan 2022 6:46 pm
 Operator : BDE
 Sample : J2200963008
 Misc : 8270D SIM-1842
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 25 19:10:23 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

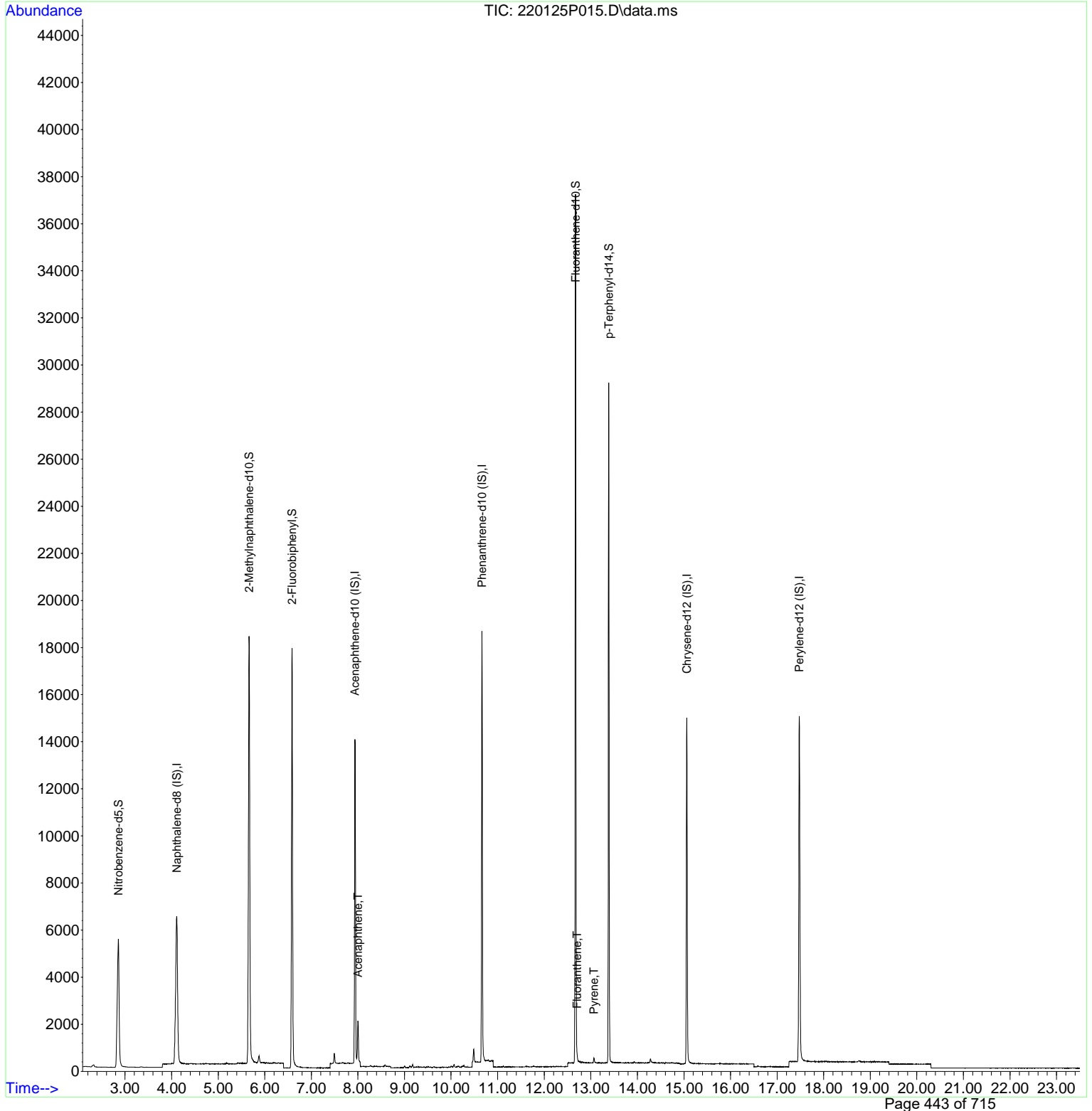
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

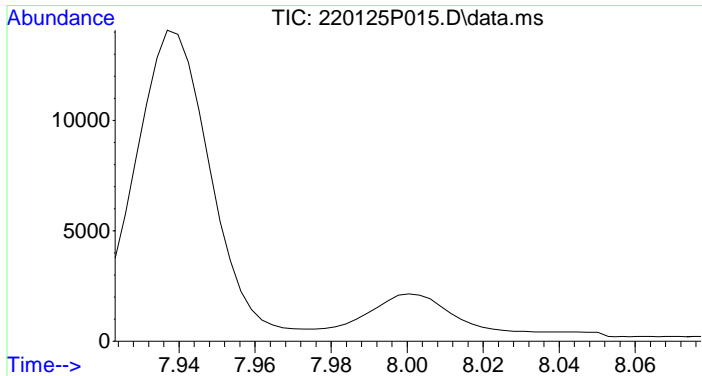
Internal Standards						
1) Naphthalene-d8 (IS)	4.110	136	16143	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.937	164	8571	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.665	188	16457	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.059	240	14680	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.476	264	15721	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.855	82	7949	7.906	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.664	152	16073	7.777	ug/ml	0.00
8) 2-Fluorobiphenyl	6.585	172	21405	7.221	ug/ml	-0.01
17) Fluoranthene-d10	12.673	212	35143	9.310	ug/ml	-0.01
21) p-Terphenyl-d14	13.385	244	25546	8.169	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	0.000		0	N.D.	d	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	8.000	154	802m	0.375	ug/ml	
11) Dibenzofuran	0.000		0	N.D.	d	
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	0.000		0	N.D.	d	
18) Fluoranthene	12.705	202	201m	0.043	ug/ml	
20) Pyrene	13.067	202	195m	0.041	ug/ml	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P015.D
 Acq On : 25 Jan 2022 6:46 pm
 Operator : BDE
 Sample : J2200963008
 Misc : 8270D SIM-1842
 ALS Vial : 15 Sample Multiplier: 1

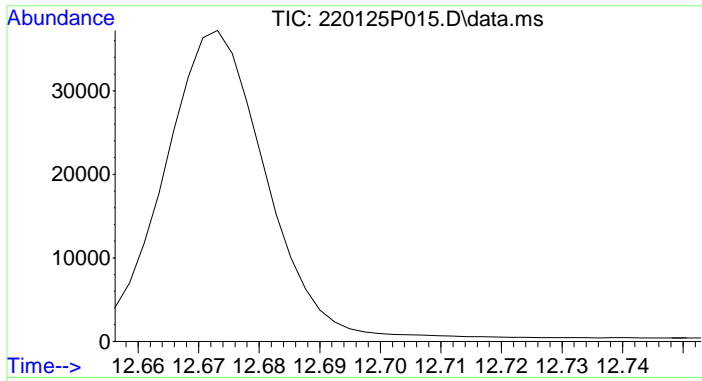
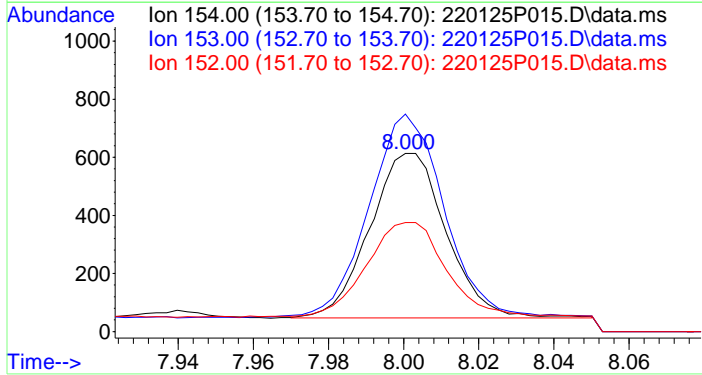
Quant Time: Jan 25 19:10:23 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





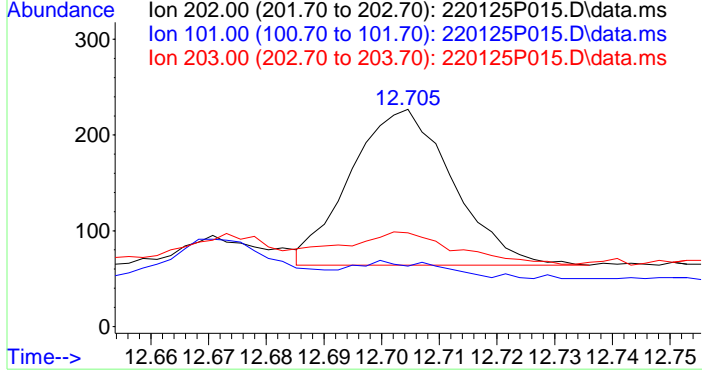
#10
 Acenaphthene
 Concen: 0.375 ug/ml m
 RT: 8.000 min Scan# 2148
 Delta R.T. -0.012 min
 Lab File: 220125P015.D
 Acq: 25 Jan 2022 6:46 pm

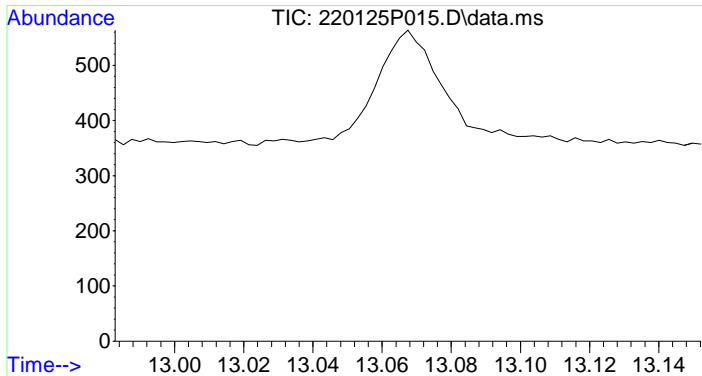
Tgt Ion	Ratio	Lower	Upper
154	100		
153	153.2	85.6	145.6#
152	90.6	23.4	83.4#



#18
 Fluoranthene
 Concen: 0.043 ug/ml m
 RT: 12.705 min Scan# 4558
 Delta R.T. -0.014 min
 Lab File: 220125P015.D
 Acq: 25 Jan 2022 6:46 pm

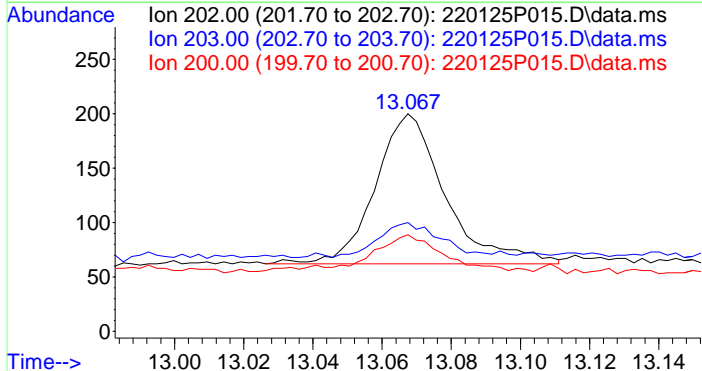
Tgt Ion	Ratio	Lower	Upper
202	100		
101	35.3	0.0	41.7
203	0.0	0.0	48.3





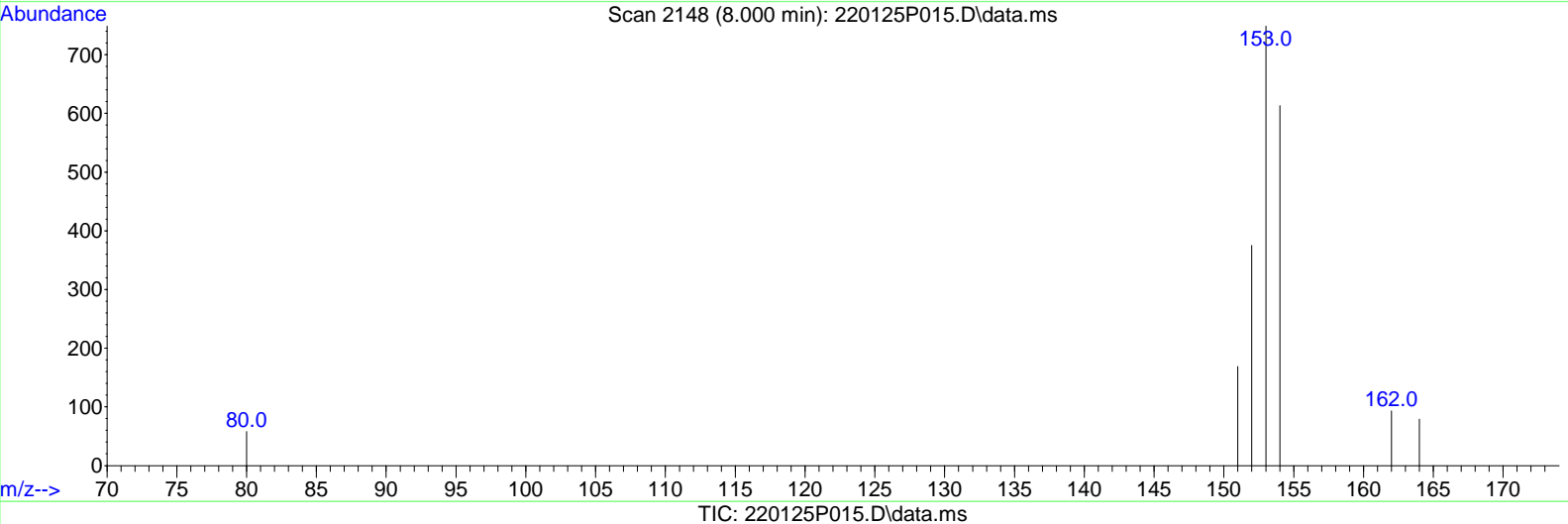
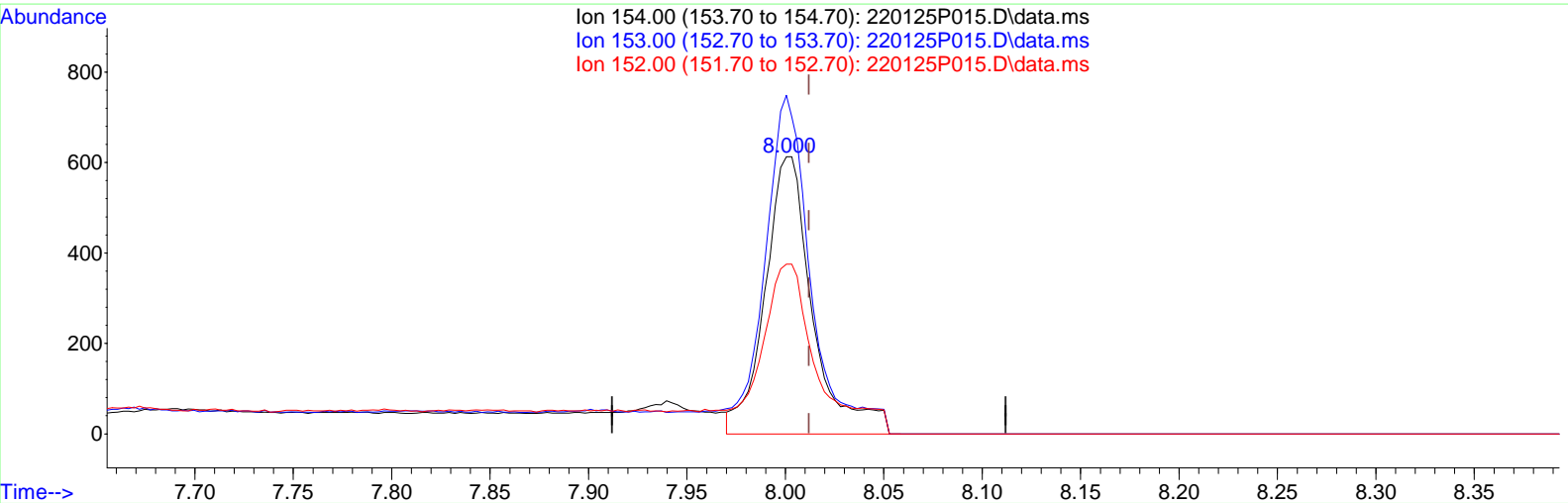
#20
 Pyrene
 Concen: 0.041 ug/ml m
 RT: 13.067 min Scan# 4708
 Delta R.T. -0.013 min
 Lab File: 220125P015.D
 Acq: 25 Jan 2022 6:46 pm

Tgt Ion	Ratio	Lower	Upper
202	100		
203	22.1	0.0	48.4
200	29.2	0.0	50.8



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P015.D
 Acq On : 25 Jan 2022 6:46 pm
 Operator : BDE
 Sample : J2200963008
 Misc : 8270D SIM-1842
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 25 19:10:23 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

8.000min (-0.012) 0.467 ug/ml

response 998

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	123.15
152.00	53.40	72.85
0.00	0.00	0.00

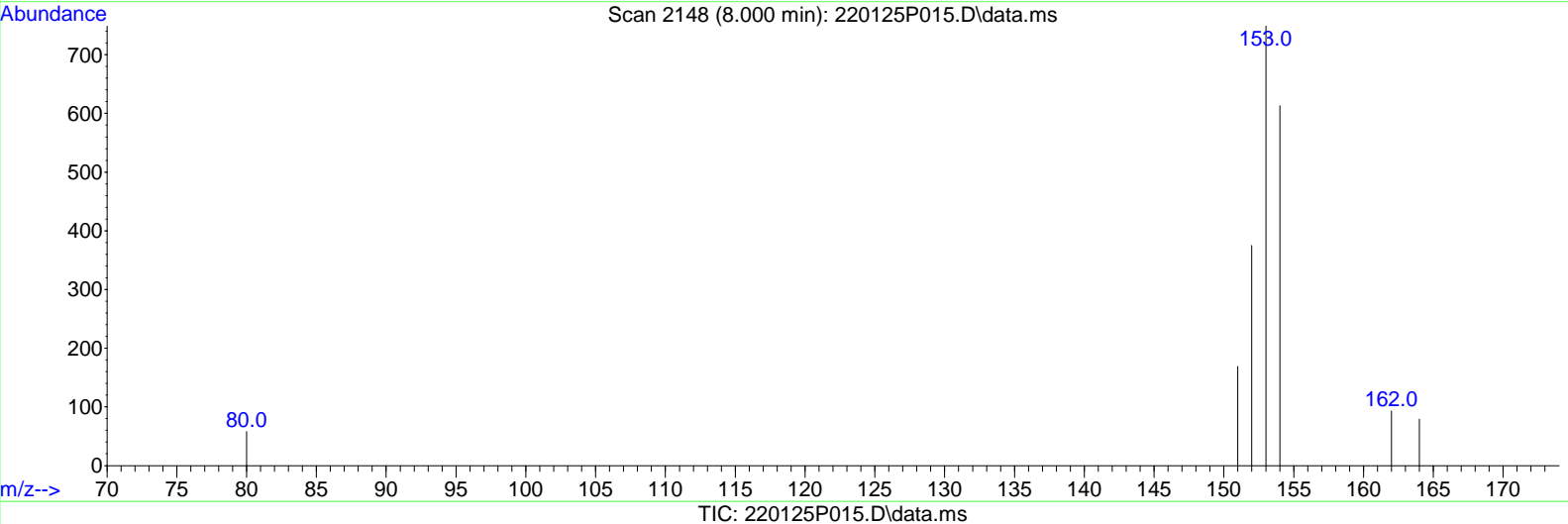
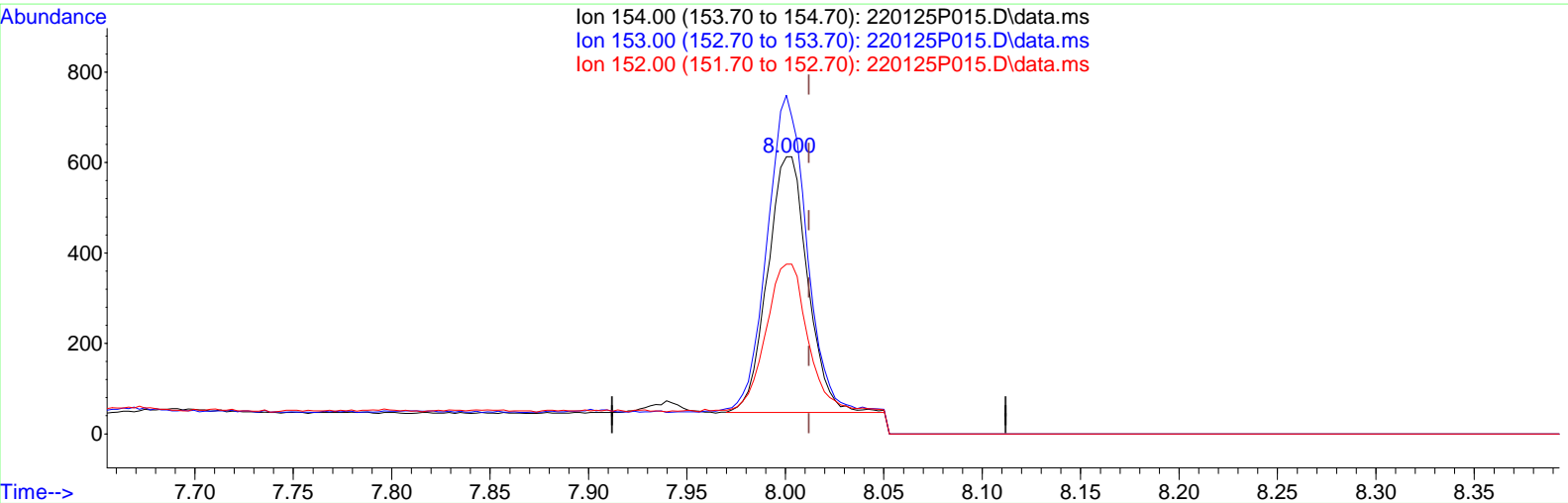
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P015.D
 Acq On : 25 Jan 2022 6:46 pm
 Operator : BDE
 Sample : J2200963008
 Misc : 8270D SIM-1842
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 25 19:10:23 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

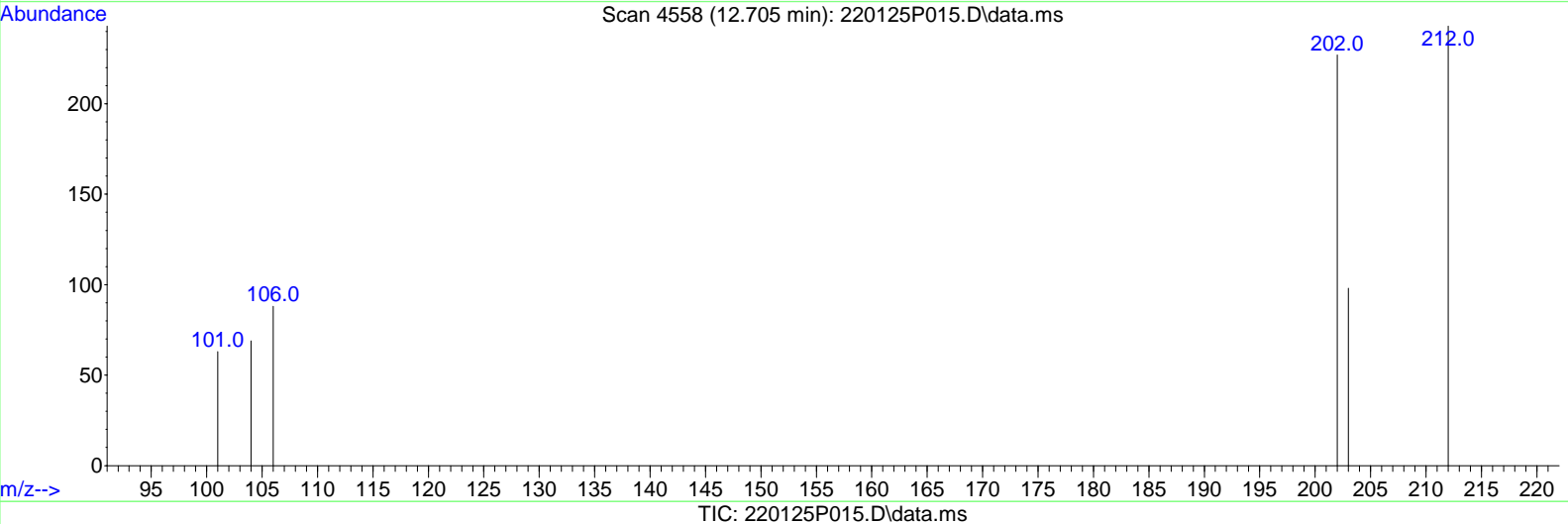
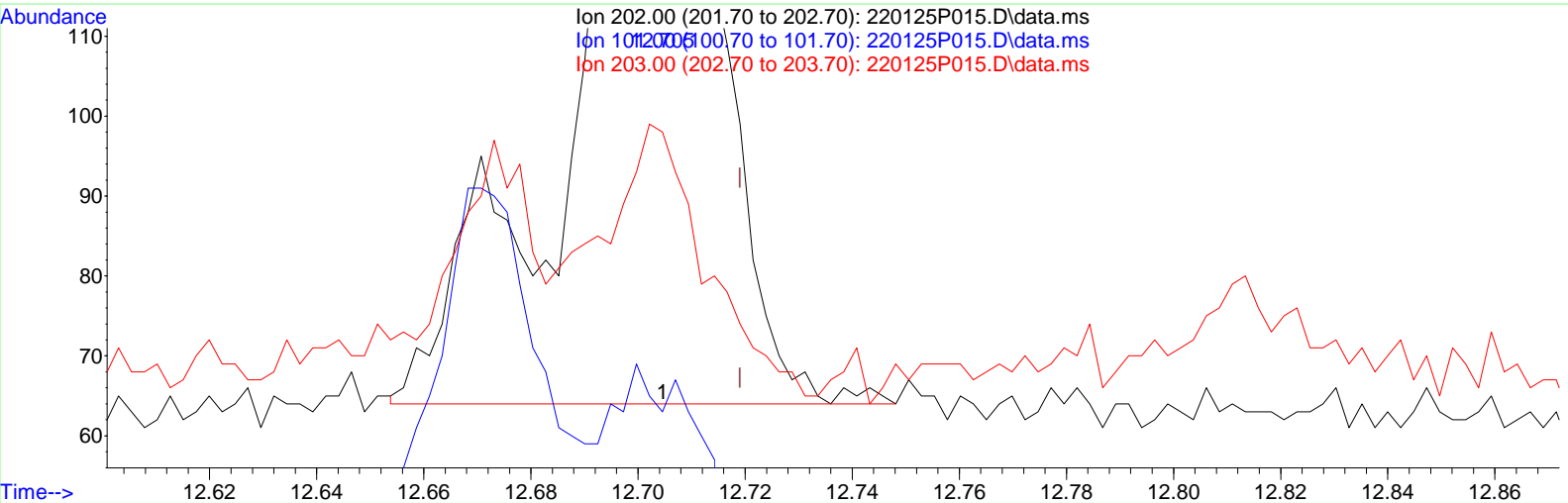
8.000min (-0.012) 0.375 ug/ml m

response 802

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	153.24#
152.00	53.40	90.65#
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P015.D
 Acq On : 25 Jan 2022 6:46 pm
 Operator : BDE
 Sample : J2200963008
 Misc : 8270D SIM-1842
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 25 19:10:23 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(18) Fluoranthene (T)

12.705min (-0.014) 0.050 ug/ml

response 233

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.70	30.47
203.00	18.30	0.00
0.00	0.00	0.00

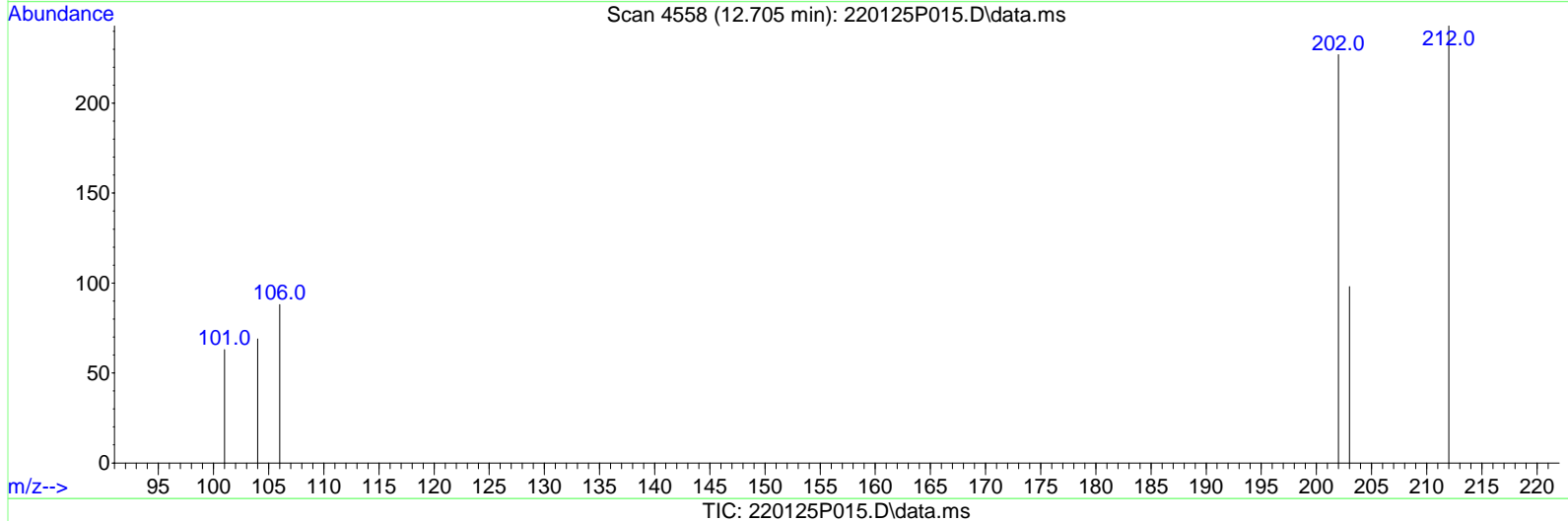
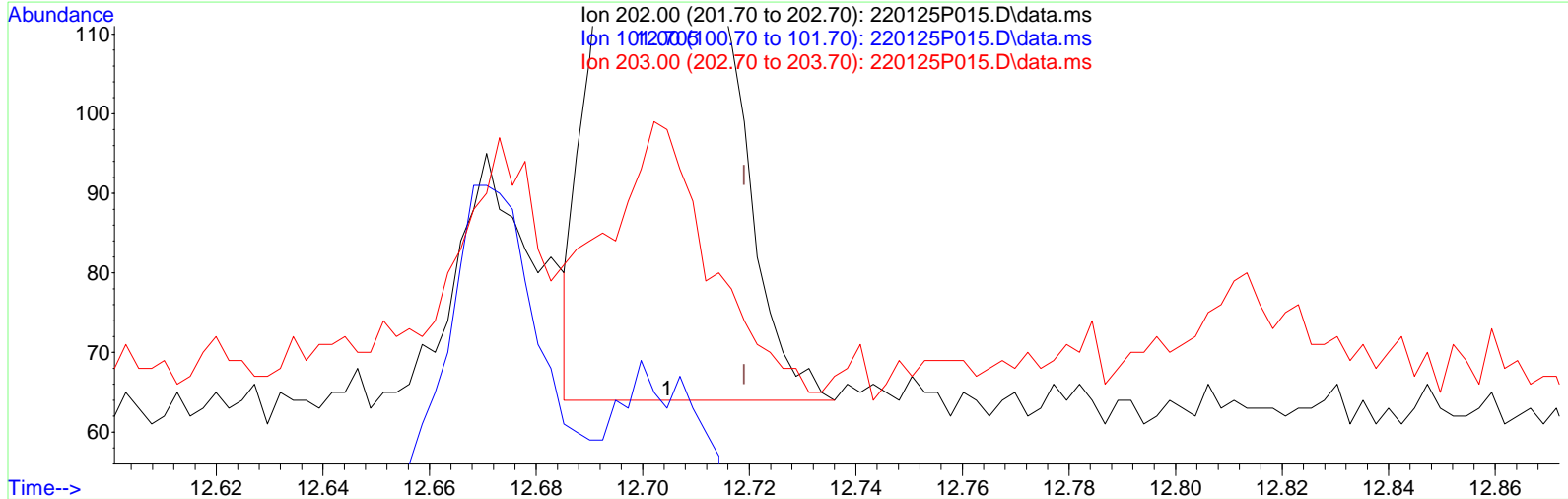
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P015.D
 Acq On : 25 Jan 2022 6:46 pm
 Operator : BDE
 Sample : J2200963008
 Misc : 8270D SIM-1842
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 25 19:10:23 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(18) Fluoranthene (T)

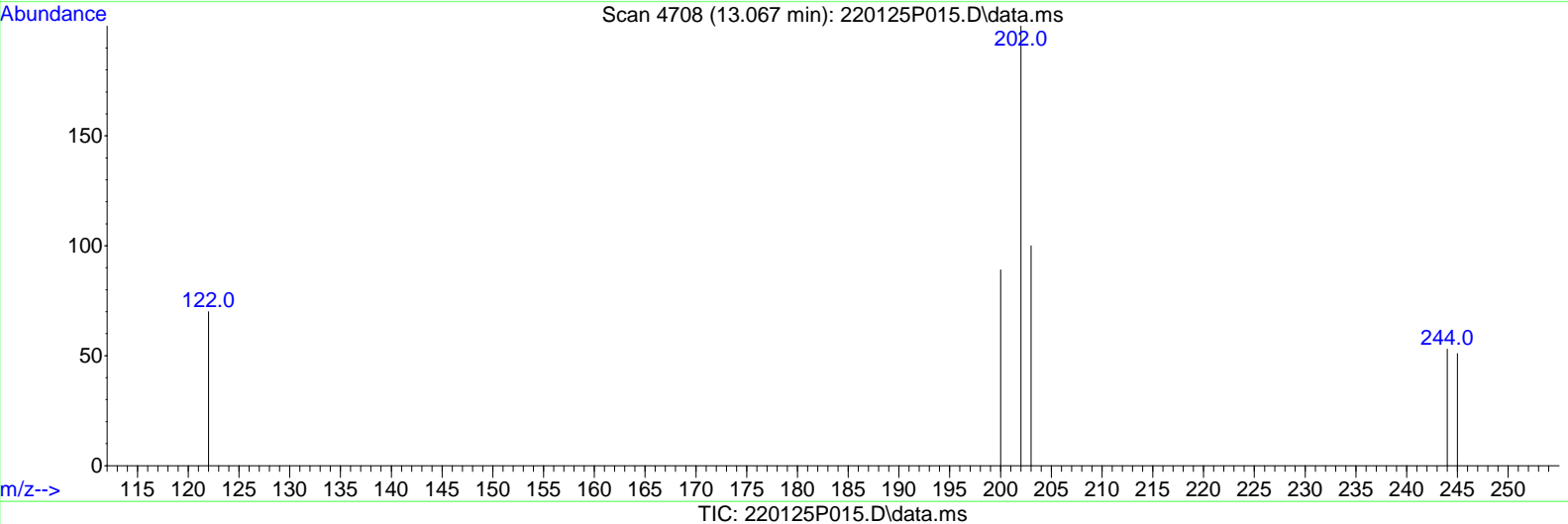
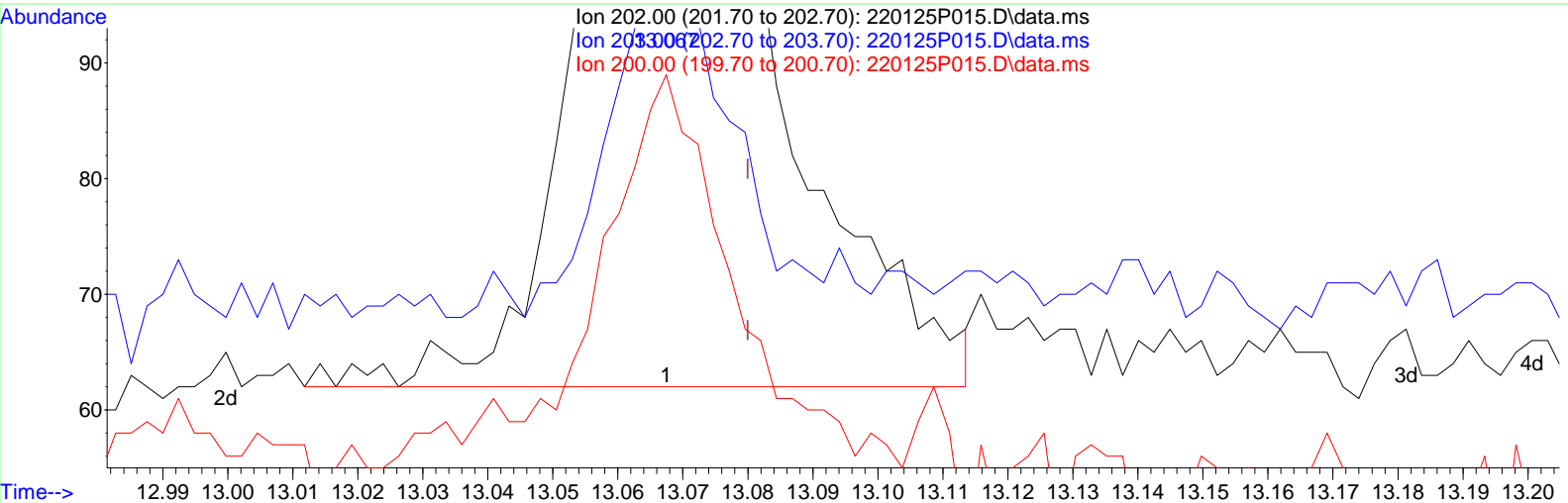
12.705min (-0.014) 0.043 ug/ml m

response 201

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.70	35.32
203.00	18.30	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P015.D
 Acq On : 25 Jan 2022 6:46 pm
 Operator : BDE
 Sample : J2200963008
 Misc : 8270D SIM-1842
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 25 19:10:23 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(20) Pyrene (T)

13.067min (-0.013) 0.042 ug/ml

response 197

Ion	Exp%	Act%
202.00	100.00	100.00
203.00	18.40	21.83
200.00	20.80	28.93
0.00	0.00	0.00

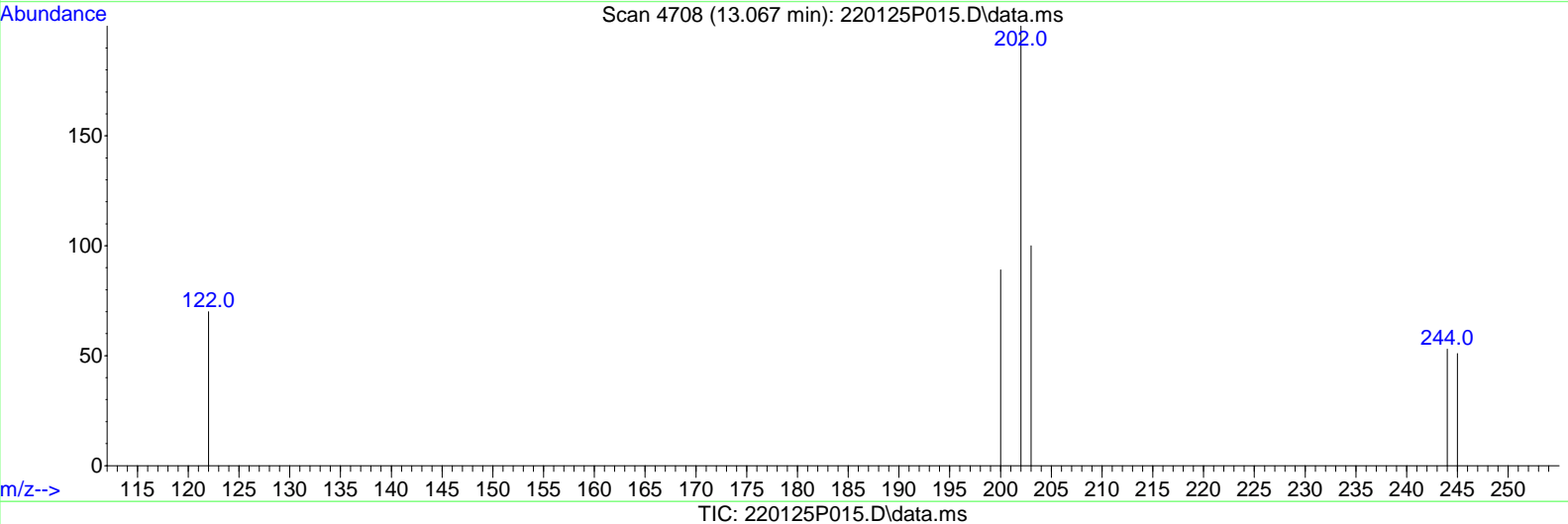
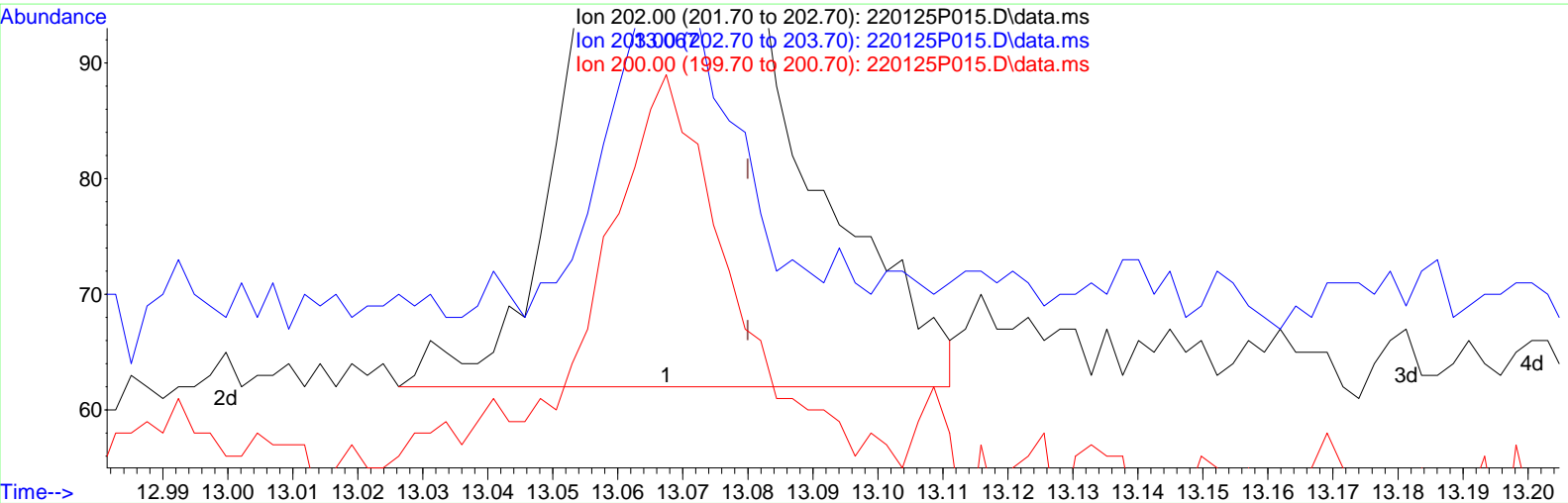
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P015.D
 Acq On : 25 Jan 2022 6:46 pm
 Operator : BDE
 Sample : J2200963008
 Misc : 8270D SIM-1842
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 25 19:10:23 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(20) Pyrene (T)

13.067min (-0.013) 0.041 ug/ml m

response 195

Ion	Exp%	Act%
202.00	100.00	100.00
203.00	18.40	22.05
200.00	20.80	29.23
0.00	0.00	0.00



Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2200963009		Client ID:	RSA306-A8011-ER			
Date Collected:	1/19/2022		File ID:	220125P016.D			
Date Analyzed:	1/25/2022	19:13	Matrix:	WATER			
Date Extracted:	1/24/2022	09:00	Instrument ID:	J7P			
Dilution:	1		Analytical Run ID:	220125P-SIM-DOD			
Sample Wt/Vol:	1000.00	mL	% Moisture:	100			
Extract Vol:	1000	uL	Lims Prep Batch:	3286			
Prep Method:	SW-846 3510C		Lims Analytical Batch:	1842			

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.050	U	0.025	0.050	0.10	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P016.D
 Acq On : 25 Jan 2022 7:13 pm
 Operator : BDE
 Sample : J2200963009
 Misc : 8270D SIM-1842
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 25 19:37:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

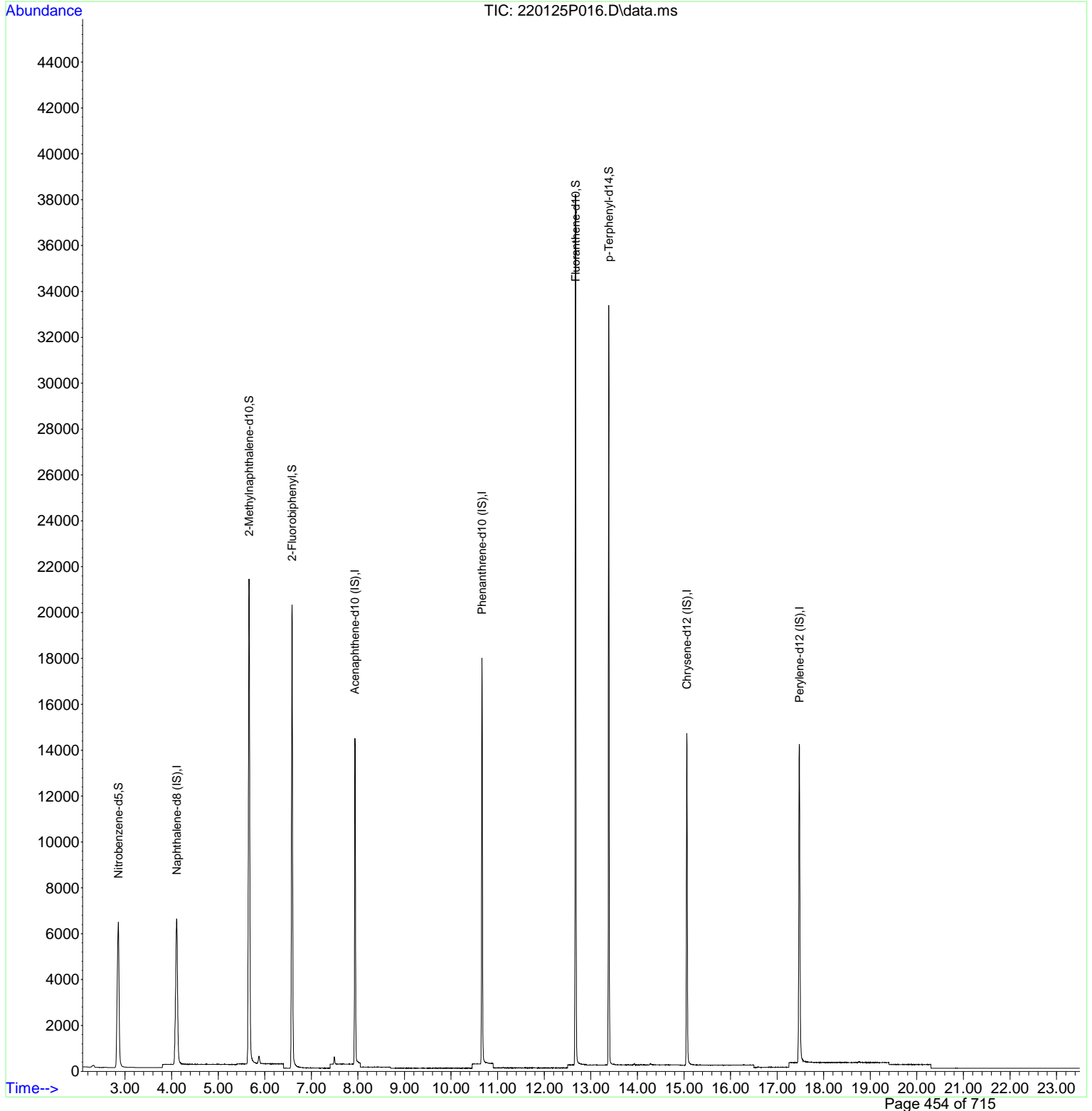
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.108	136	16293	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.937	164	8589	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.665	188	16408	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.062	240	14501	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.479	264	15460	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.855	82	9249	9.114	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.664	152	18876	9.050	ug/ml	0.00
8) 2-Fluorobiphenyl	6.587	172	24869	8.372	ug/ml	0.00
17) Fluoranthene-d10	12.673	212	37571	9.983	ug/ml	-0.01
21) p-Terphenyl-d14	13.387	244	27691	8.964	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	0.000		0	N.D.	d	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	0.000		0	N.D.		
11) Dibenzofuran	0.000		0	N.D.		
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	0.000		0	N.D.	d	
18) Fluoranthene	0.000		0	N.D.	d	
20) Pyrene	0.000		0	N.D.	d	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P016.D
 Acq On : 25 Jan 2022 7:13 pm
 Operator : BDE
 Sample : J2200963009
 Misc : 8270D SIM-1842
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 25 19:37:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2200963010		Client ID:	RSA306-A9041			
Date Collected:	1/19/2022		File ID:	220125P017.D			
Date Analyzed:	1/25/2022	19:40	Matrix:	WATER			
Date Extracted:	1/24/2022	09:00	Instrument ID:	J7P			
Dilution:	1		Analytical Run ID:	220125P-SIM-DOD			
Sample Wt/Vol:	1000.00	mL	% Moisture:	100			
Extract Vol:	1000	uL	Lims Prep Batch:	3286			
Prep Method:	SW-846 3510C		Lims Analytical Batch:	1842			

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.026	J	0.025	0.050	0.10	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270D SIM-1842
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

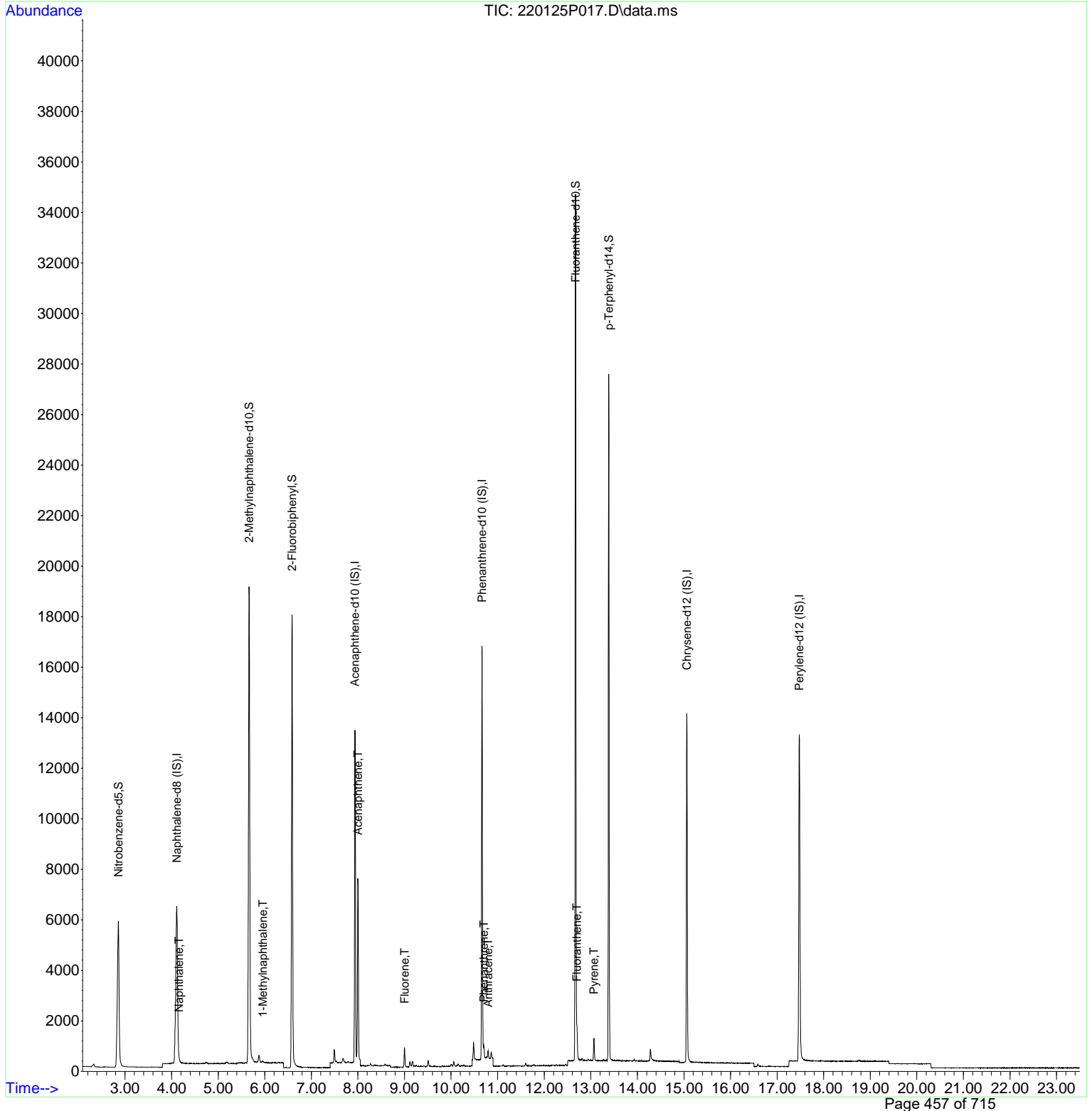
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

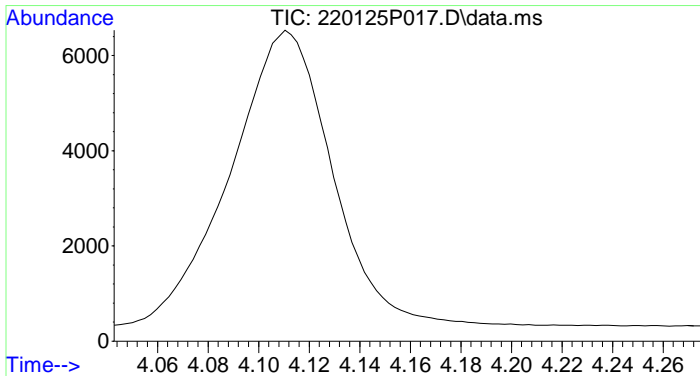
Internal Standards							
1) Naphthalene-d8 (IS)	4.110	136	15252	4.000	ug/ml	0.00	
7) Acenaphthene-d10 (IS)	7.937	164	8120	4.000	ug/ml	-0.01	
13) Phenanthrene-d10 (IS)	10.663	188	15491	4.000	ug/ml	-0.01	
19) Chrysene-d12 (IS)	15.062	240	13715	4.000	ug/ml	-0.02	
24) Perylene-d12 (IS)	17.476	264	14445	4.000	ug/ml	-0.02	
System Monitoring Compounds							
2) Nitrobenzene-d5	2.855	82	7900	8.316	ug/ml	0.02	
4) 2-Methylnaphthalene-d10	5.664	152	16015	8.202	ug/ml	0.00	
8) 2-Fluorobiphenyl	6.587	172	21241	7.564	ug/ml	0.00	
17) Fluoranthene-d10	12.673	212	34294	9.652	ug/ml	-0.01	
21) p-Terphenyl-d14	13.385	244	24185	8.278	ug/ml	-0.02	
Target Compounds							
							Qvalue
3) Naphthalene	4.159	128	146m	0.042	ug/ml		
5) 2-Methylnaphthalene	0.000		0	N.D.	d		
6) 1-Methylnaphthalene	5.956	142	56m	0.026	ug/ml		
9) Acenaphthylene	0.000		0	N.D.	d		
10) Acenaphthene	8.001	154	3166m	1.564	ug/ml		
11) Dibenzofuran	0.000		0	N.D.	d		
12) Fluorene	9.001	166	477	0.183	ug/ml		95
14) Phenanthrene	10.704	178	335m	0.091	ug/ml		
15) Anthracene	10.793	178	294m	0.082	ug/ml		
16) Carbazole	0.000		0	N.D.	d		
18) Fluoranthene	12.702	202	1157m	0.266	ug/ml		
20) Pyrene	13.068	202	802	0.181	ug/ml		92
22) Benzo[a]anthracene	0.000		0	N.D.	d		
23) Chrysene	0.000		0	N.D.	d		
25) Benzo[b]fluoranthene	0.000		0	N.D.	d		
26) Benzo[k]fluoranthene	0.000		0	N.D.	d		
27) Benzo[a]pyrene	0.000		0	N.D.	d		
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d		
29) Dibenzo[a,h]anthracene	0.000		0	N.D.	d		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270D SIM-1842
 ALS Vial : 17 Sample Multiplier: 1

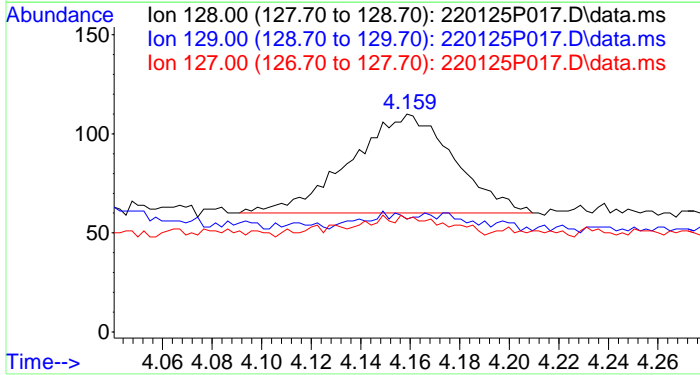
Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





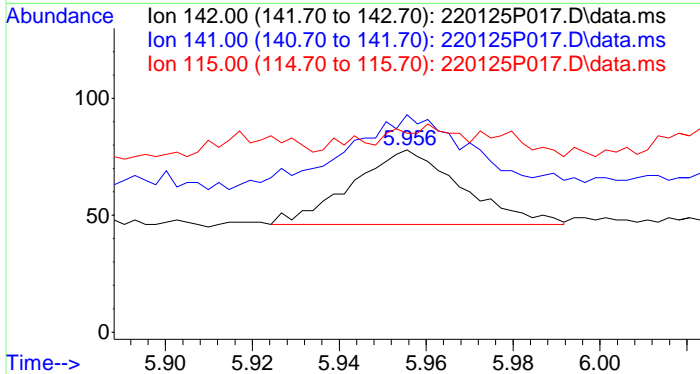
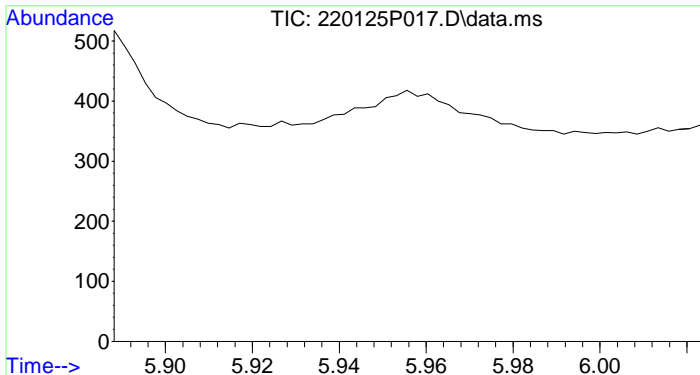
#3
 Naphthalene
 Concen: 0.042 ug/ml m
 RT: 4.159 min Scan# 467
 Delta R.T. -0.000 min
 Lab File: 220125P017.D
 Acq: 25 Jan 2022 7:40 pm

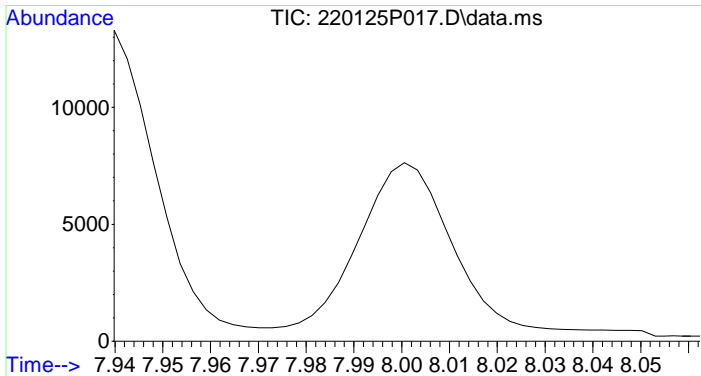
Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	41.0
127	0.0	0.0	42.9



#6
 1-Methylnaphthalene
 Concen: 0.026 ug/ml m
 RT: 5.956 min Scan# 1212
 Delta R.T. -0.007 min
 Lab File: 220125P017.D
 Acq: 25 Jan 2022 7:40 pm

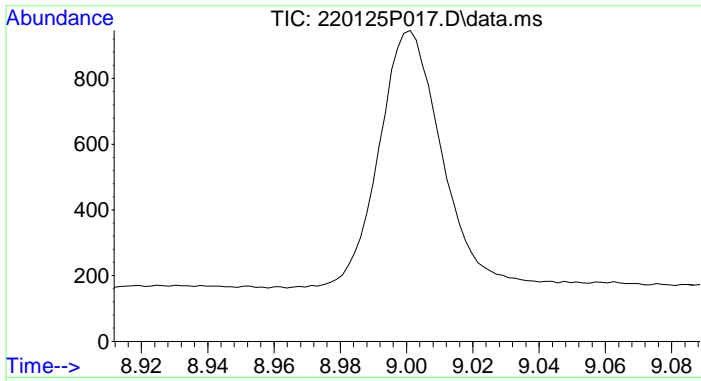
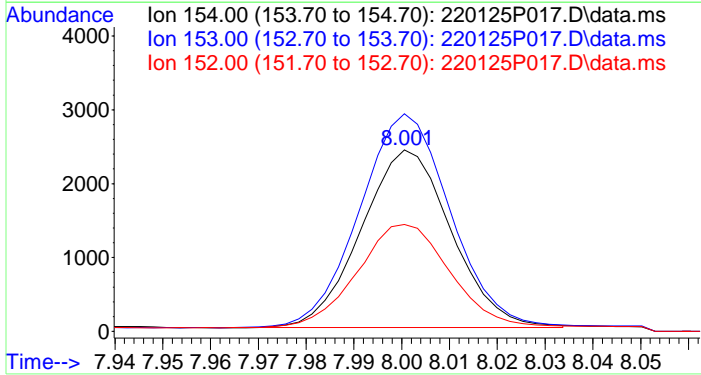
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	63.4	123.4
115	0.0	0.0	59.8





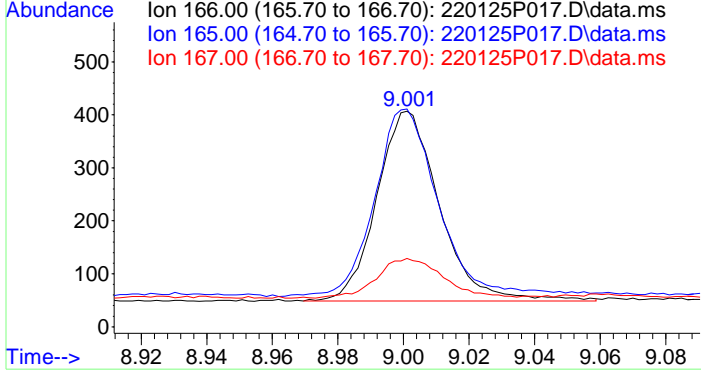
#10
 Acenaphthene
 Concen: 1.564 ug/ml m
 RT: 8.001 min Scan# 2148
 Delta R.T. -0.011 min
 Lab File: 220125P017.D
 Acq: 25 Jan 2022 7:40 pm

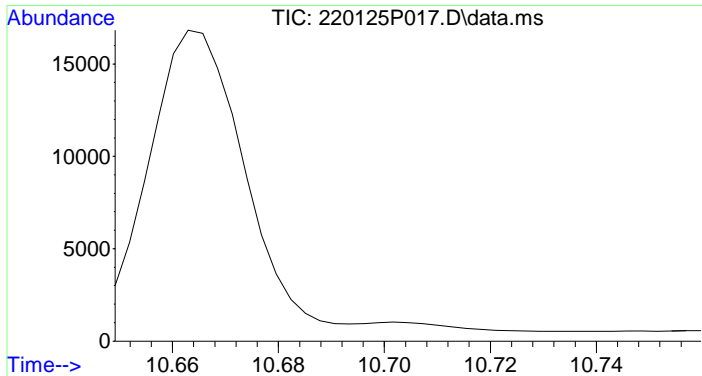
Tgt Ion	Resp	Lower	Upper
154	100		
153	128.1	85.6	145.6
152	66.9	23.4	83.4



#12
 Fluorene
 Concen: 0.183 ug/ml
 RT: 9.001 min Scan# 2674
 Delta R.T. -0.011 min
 Lab File: 220125P017.D
 Acq: 25 Jan 2022 7:40 pm

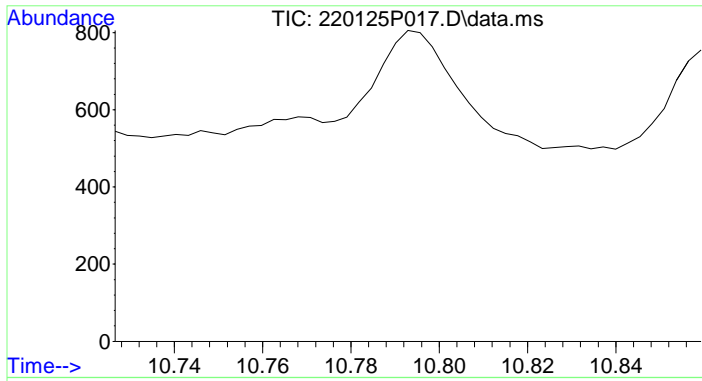
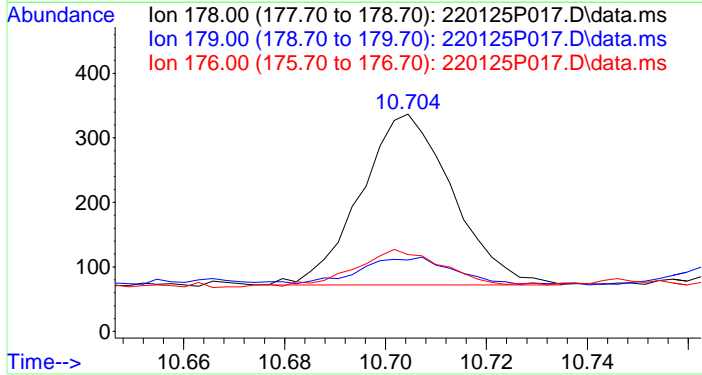
Tgt Ion	Resp	Lower	Upper
166	100		
165	102.9	70.5	130.5
167	22.6	0.0	43.3





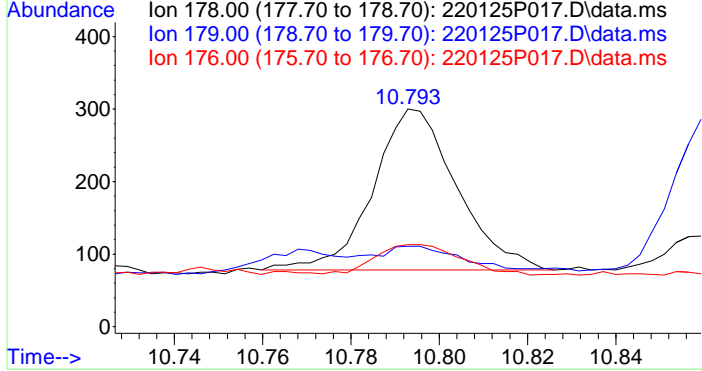
#14
 Phenanthrene
 Concen: 0.091 ug/ml m
 RT: 10.704 min Scan# 3545
 Delta R.T. -0.012 min
 Lab File: 220125P017.D
 Acq: 25 Jan 2022 7:40 pm

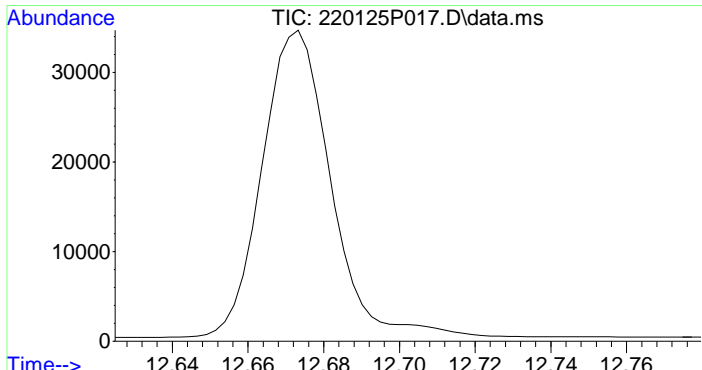
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	0.0	45.9
176	23.3	0.0	48.9



#15
 Anthracene
 Concen: 0.082 ug/ml m
 RT: 10.793 min Scan# 3577
 Delta R.T. -0.011 min
 Lab File: 220125P017.D
 Acq: 25 Jan 2022 7:40 pm

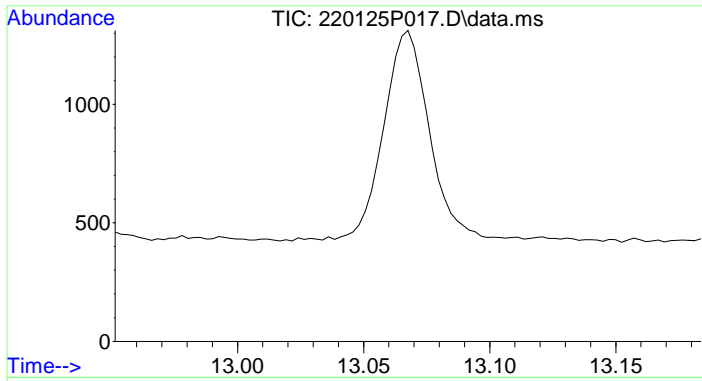
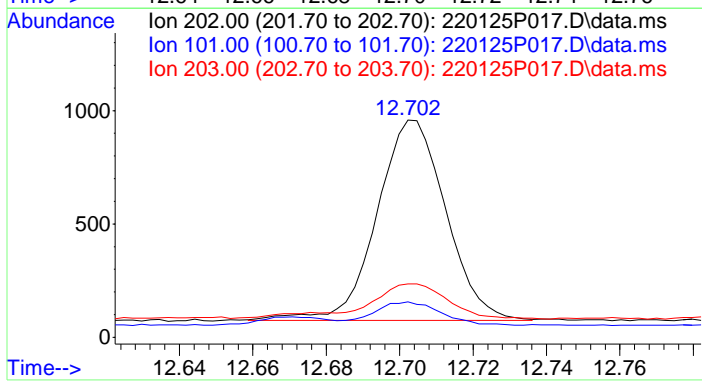
Tgt Ion	Ratio	Lower	Upper
178	100		
179	0.0	0.0	45.8
176	19.7	0.0	48.2





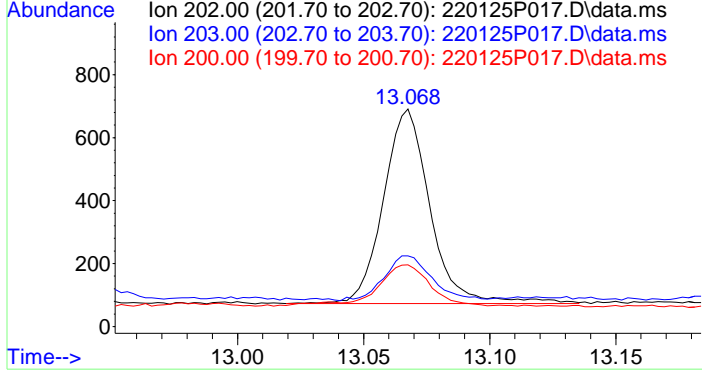
#18
 Fluoranthene
 Concen: 0.266 ug/ml m
 RT: 12.702 min Scan# 4557
 Delta R.T. -0.017 min
 Lab File: 220125P017.D
 Acq: 25 Jan 2022 7:40 pm

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	41.7
203	20.8	0.0	48.3



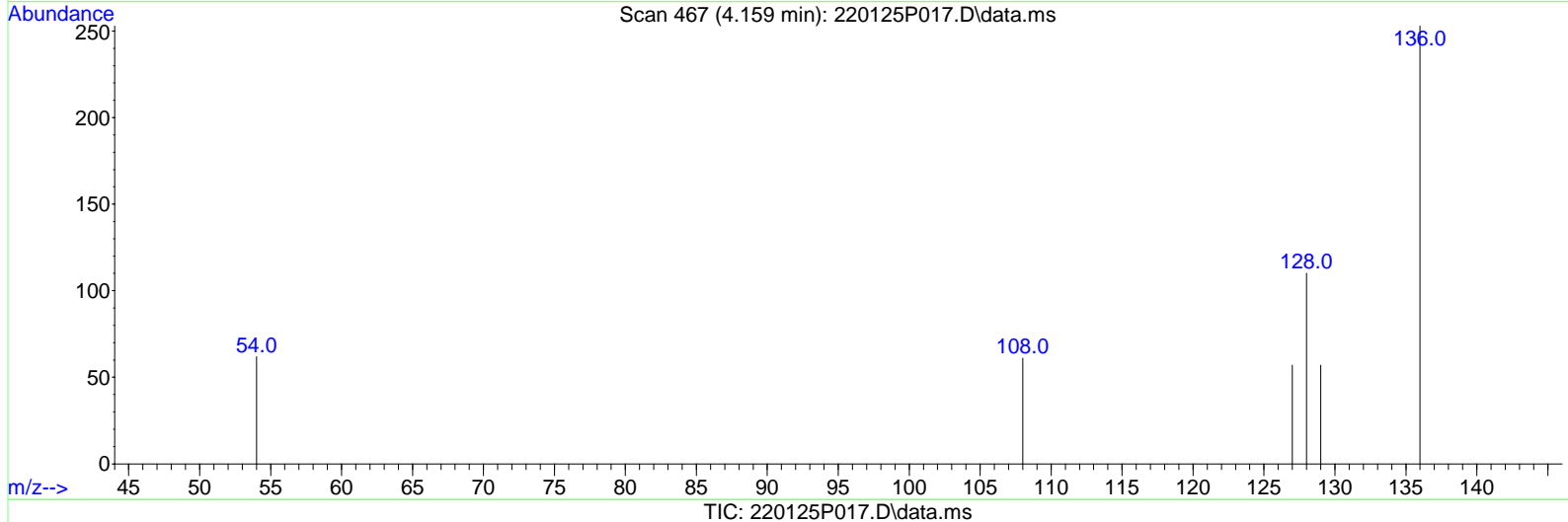
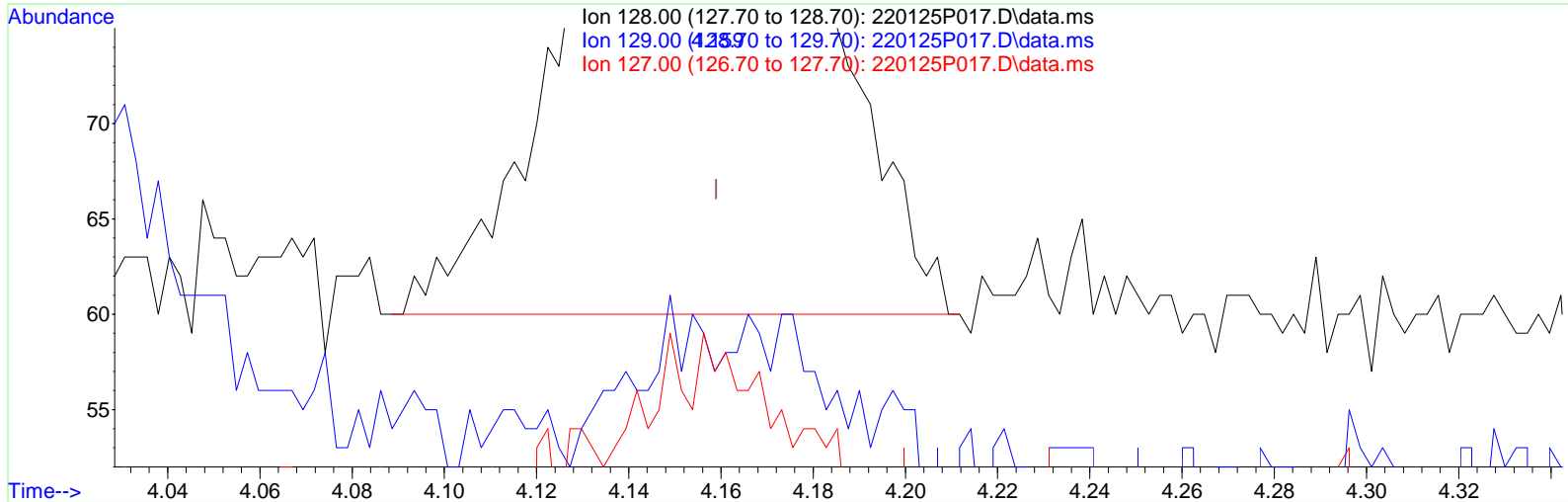
#20
 Pyrene
 Concen: 0.181 ug/ml
 RT: 13.068 min Scan# 4708
 Delta R.T. -0.012 min
 Lab File: 220125P017.D
 Acq: 25 Jan 2022 7:40 pm

Tgt Ion	Ratio	Lower	Upper
202	100		
203	23.4	0.0	48.4
200	22.8	0.0	50.8



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(3) Naphthalene (T)

4.159min (-0.000) 0.042 ug/ml

response 146

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.00	0.00
127.00	12.90	0.00
0.00	0.00	0.00

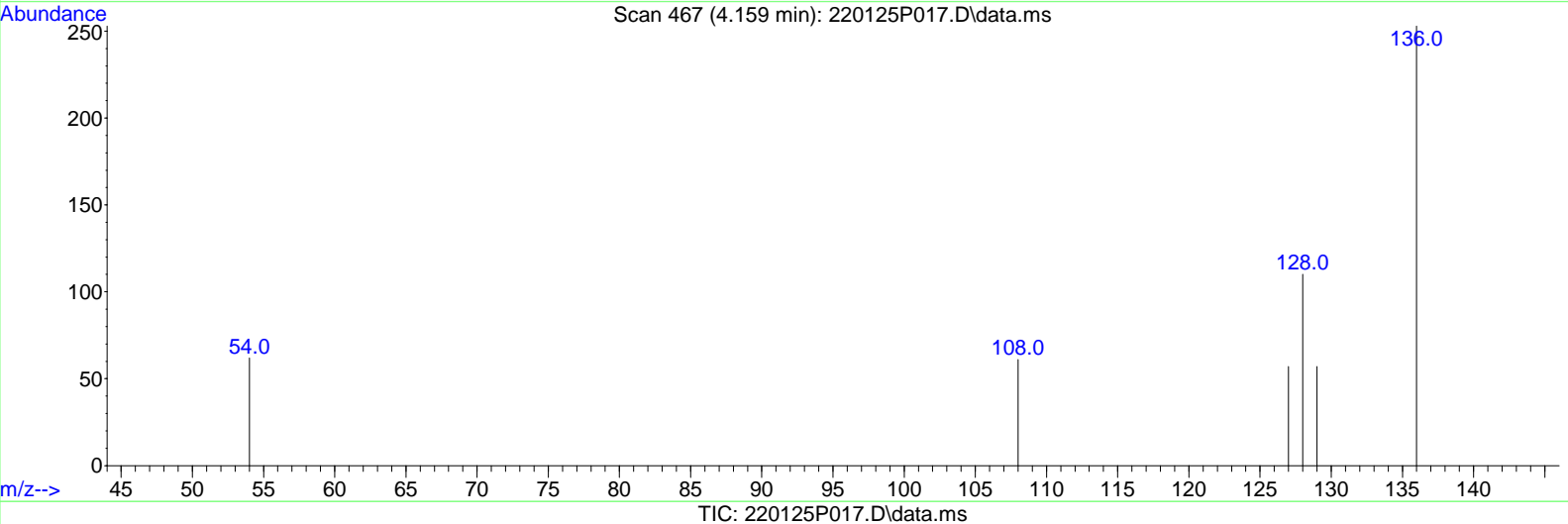
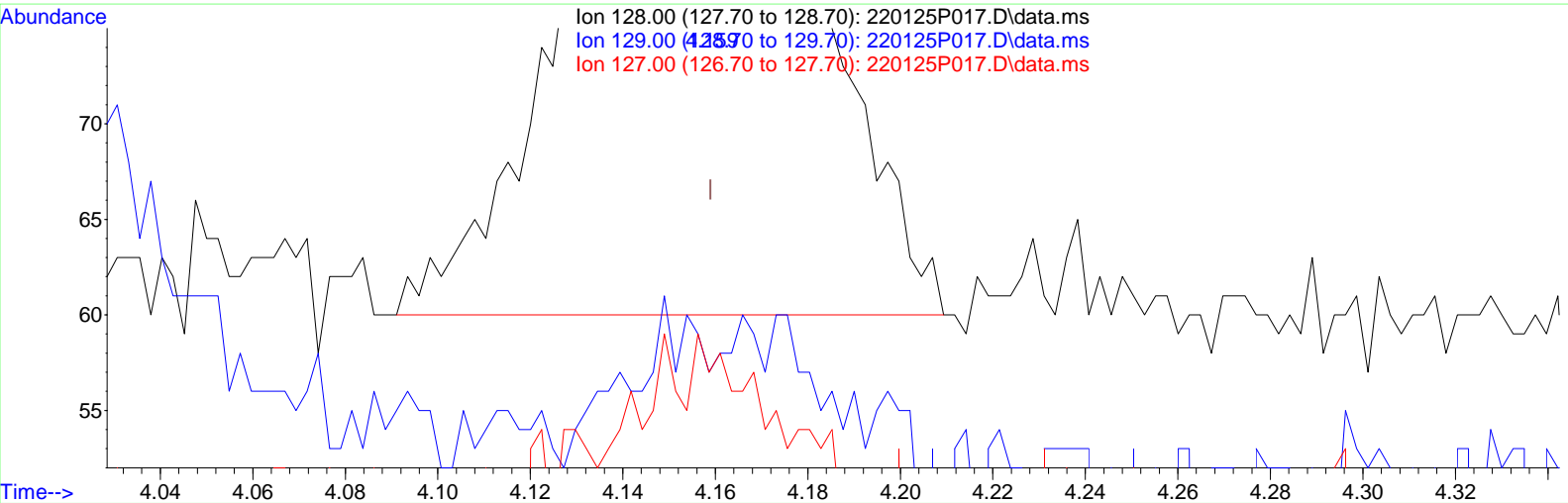
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(3) Naphthalene (T)

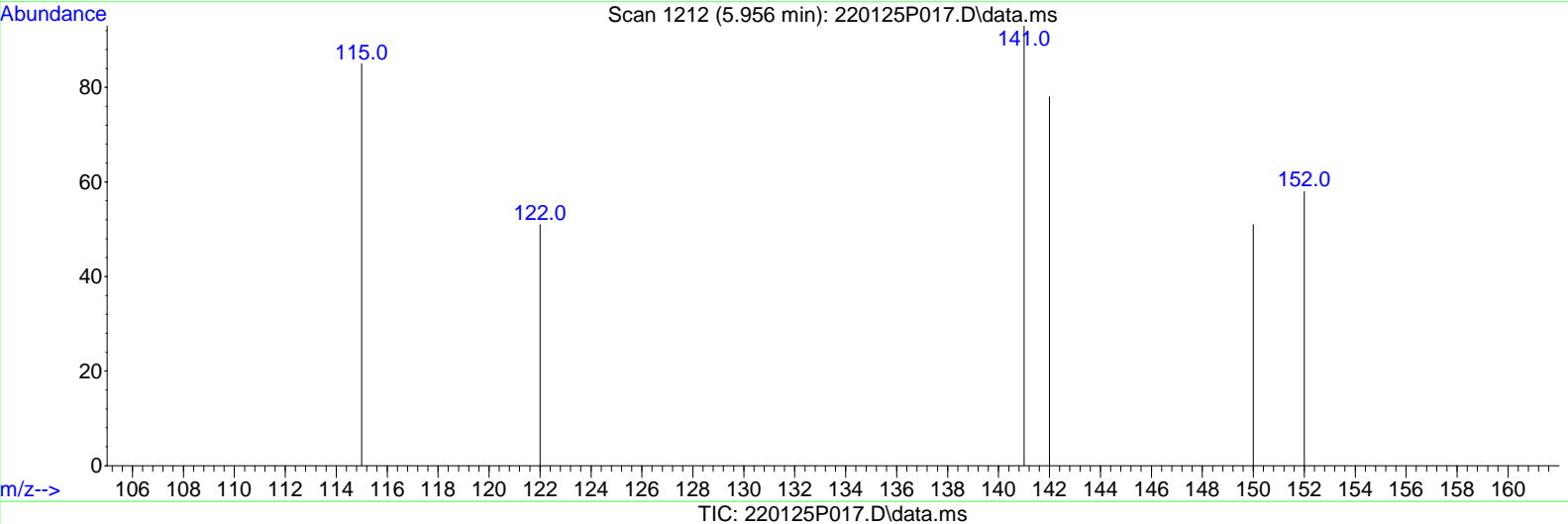
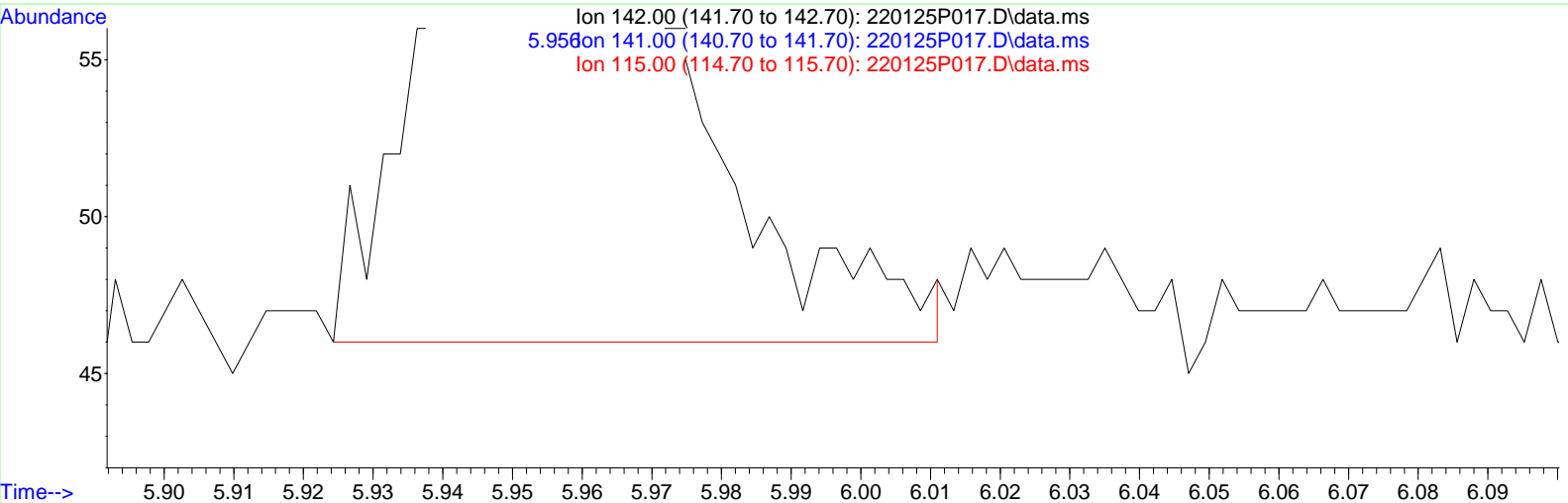
4.159min (-0.000) 0.042 ug/ml m

response 146

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.00	0.00
127.00	12.90	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(6) 1-Methylnaphthalene (T)

5.956min (-0.007) 0.027 ug/ml

response 59

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.40	84.75
115.00	29.80	0.00
0.00	0.00	0.00

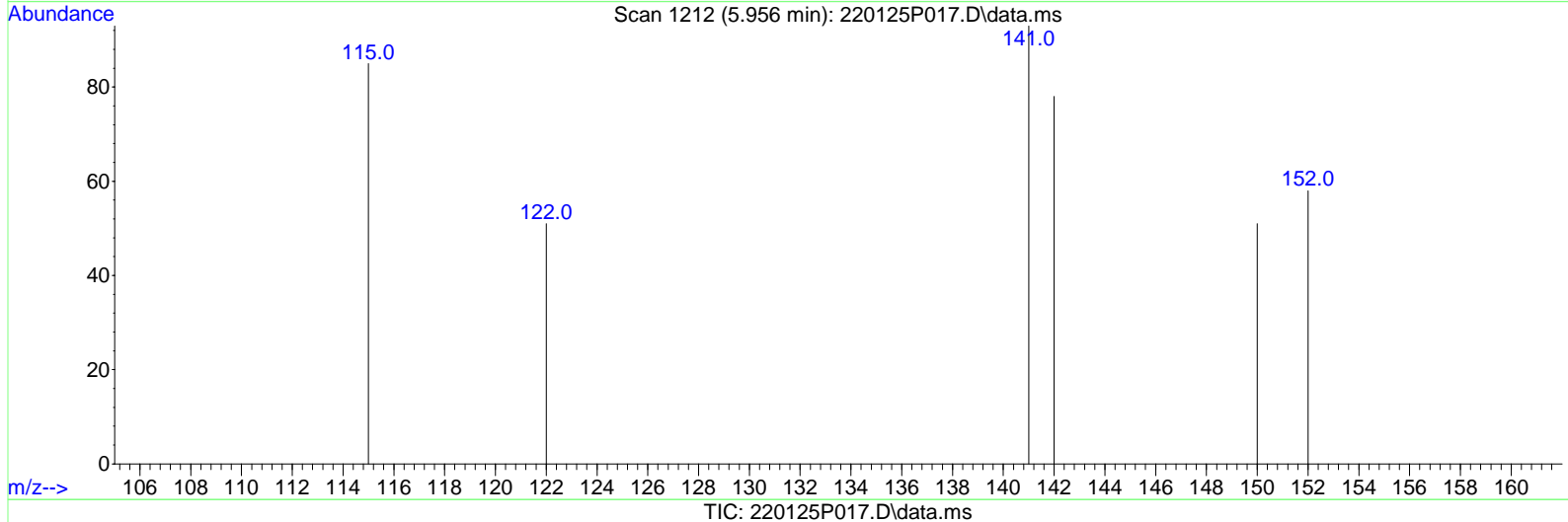
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(6) 1-Methylnaphthalene (T)

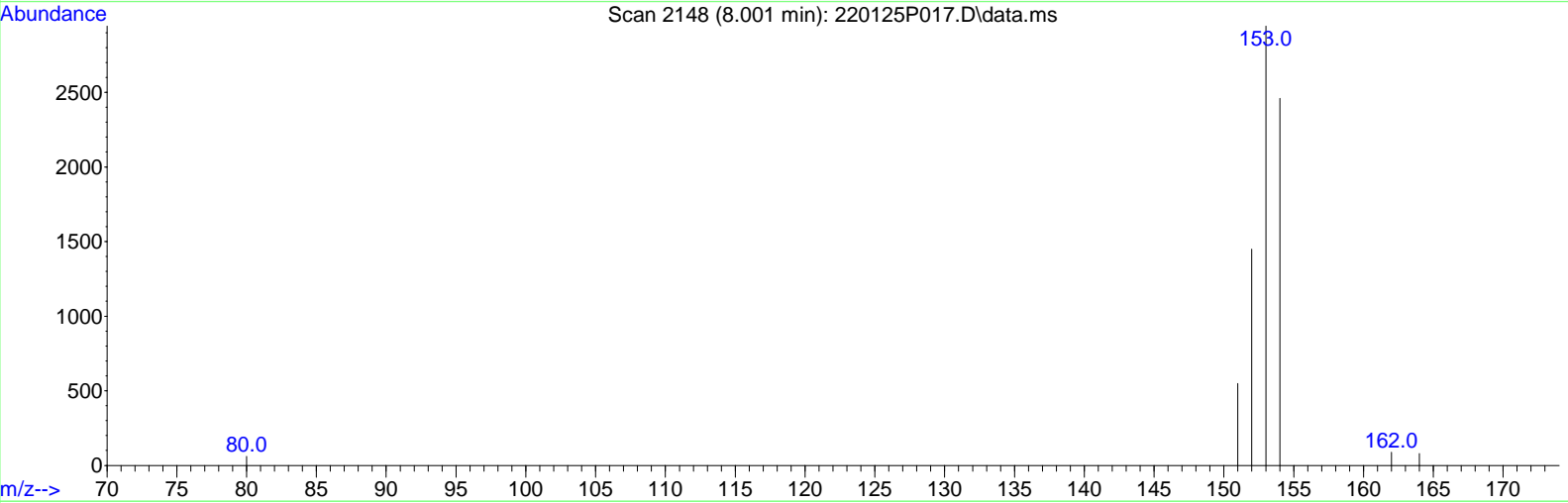
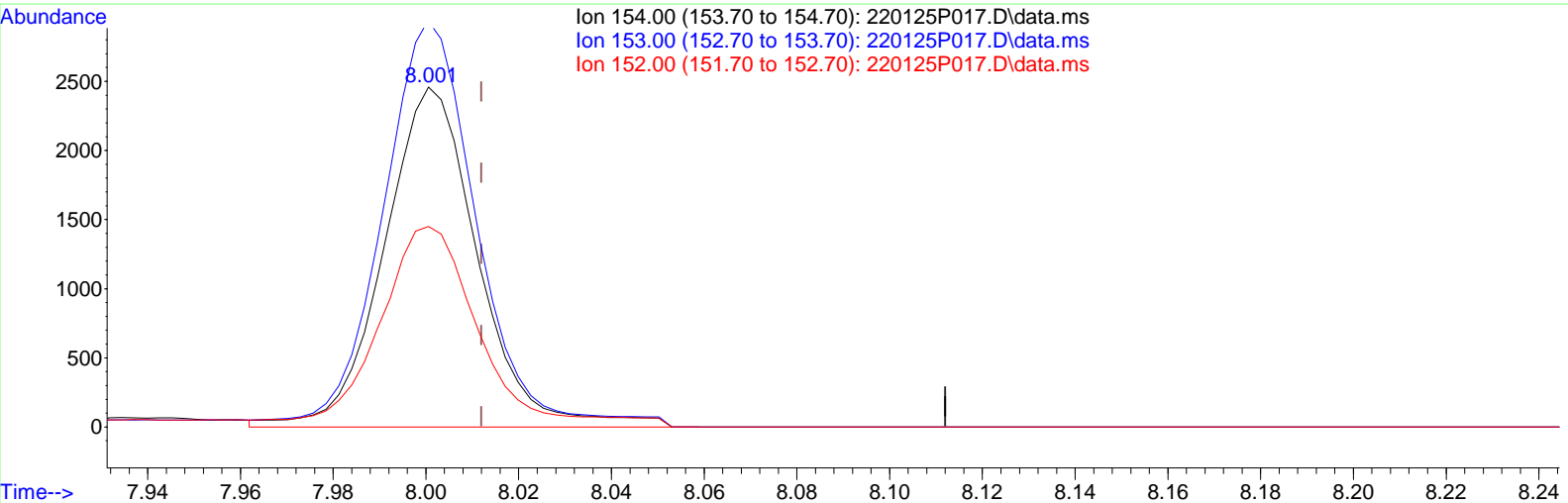
5.956min (-0.007) 0.026 ug/ml m

response 56

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.40	89.29
115.00	29.80	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

8.001min (-0.011) 1.663 ug/ml

response 3365

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	120.56
152.00	53.40	62.91
0.00	0.00	0.00

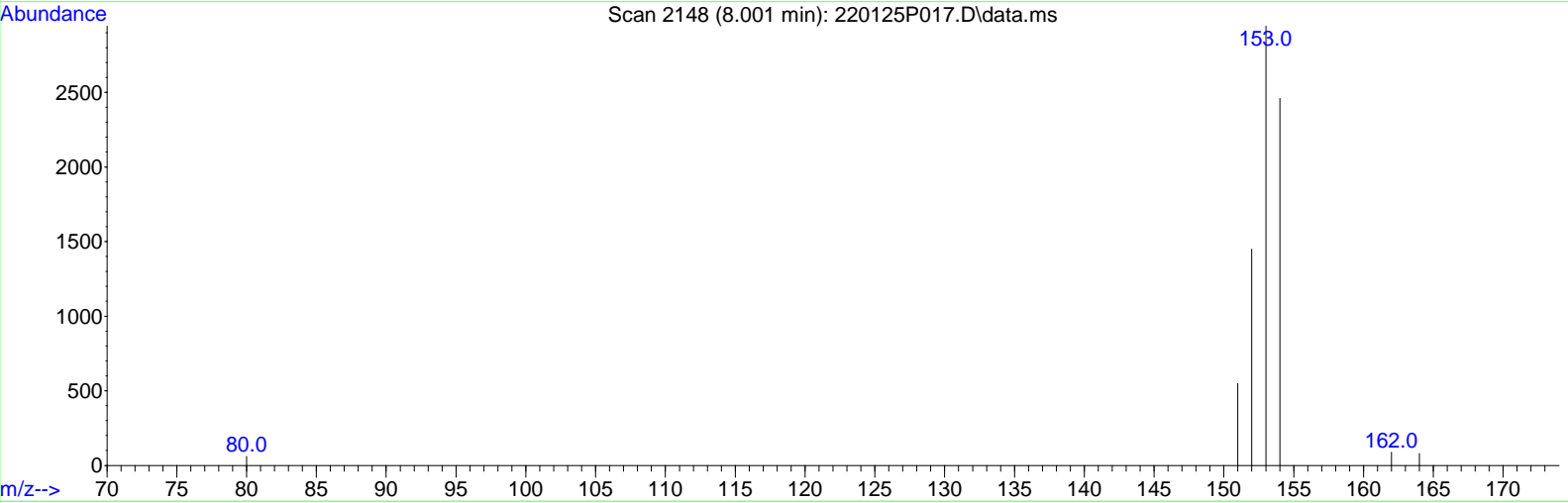
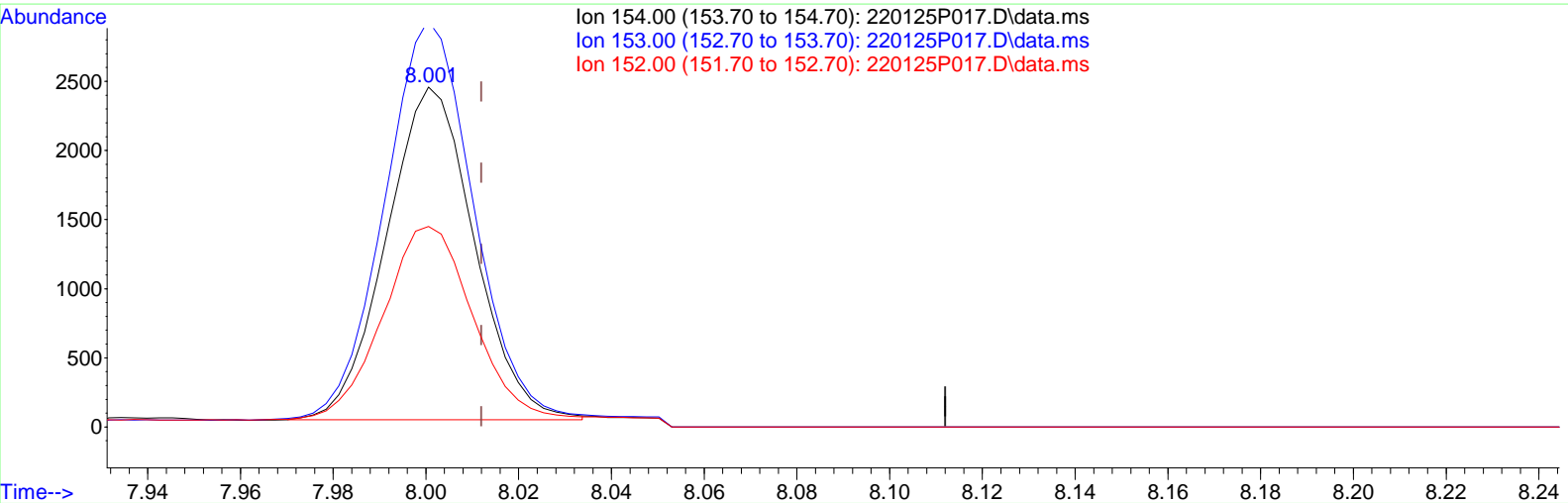
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

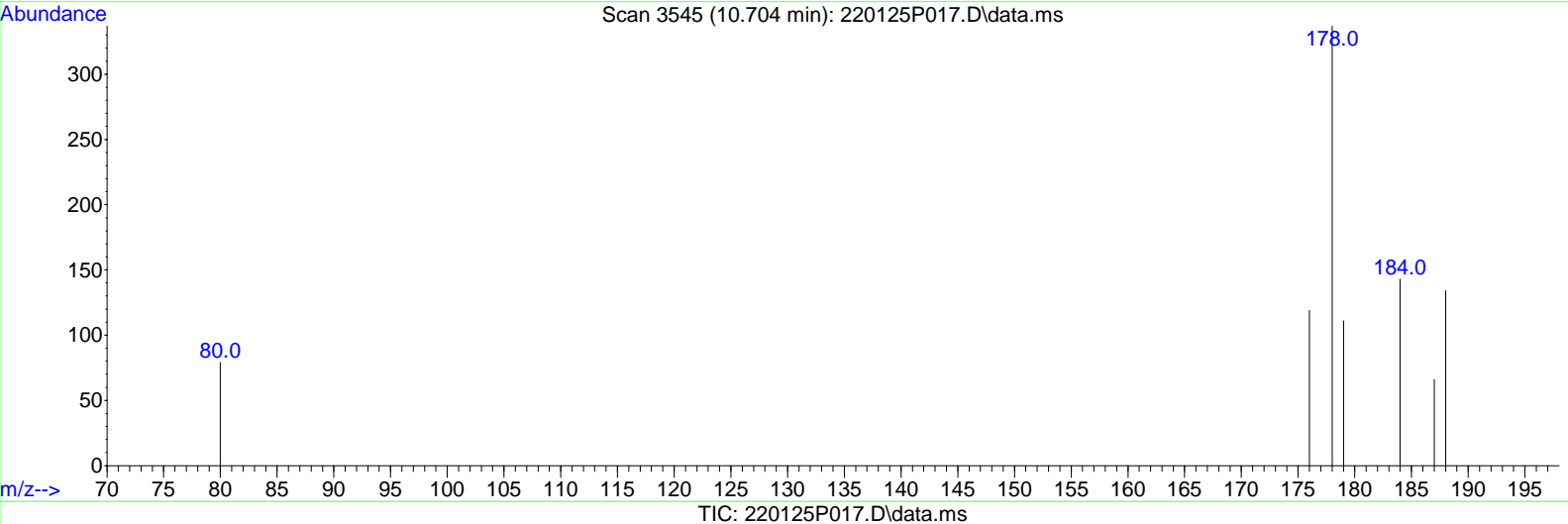
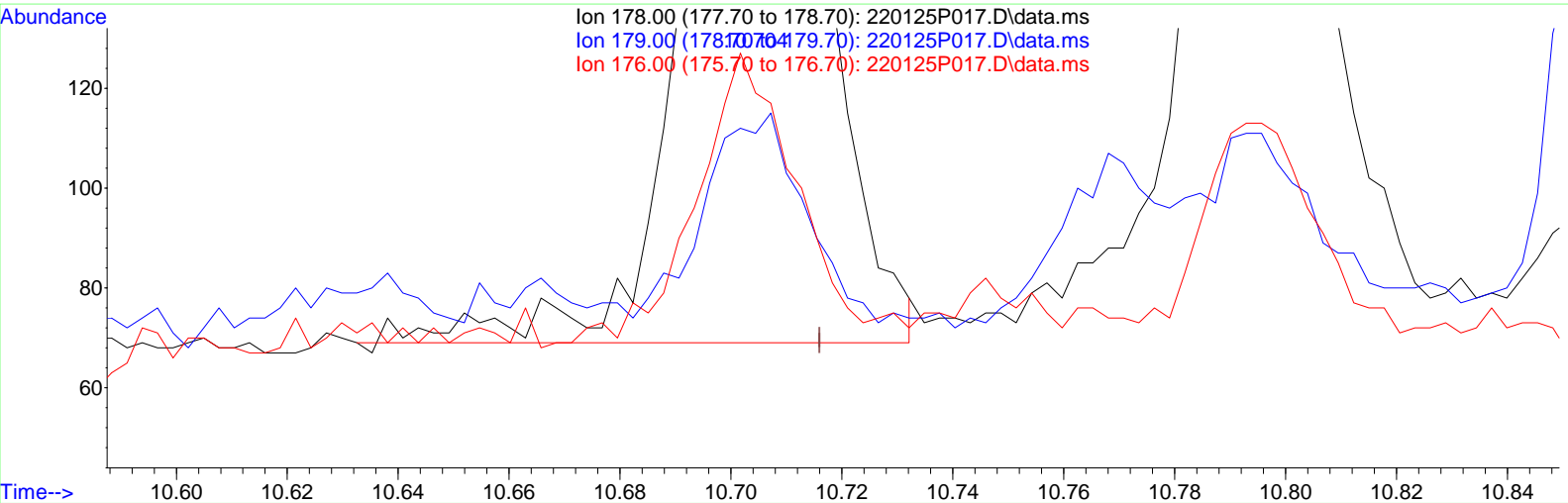
8.001min (-0.011) 1.564 ug/ml m

response 3166

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	128.14
152.00	53.40	66.87
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.704min (-0.012) 0.096 ug/ml

response 354

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	14.12
176.00	18.90	22.03
0.00	0.00	0.00

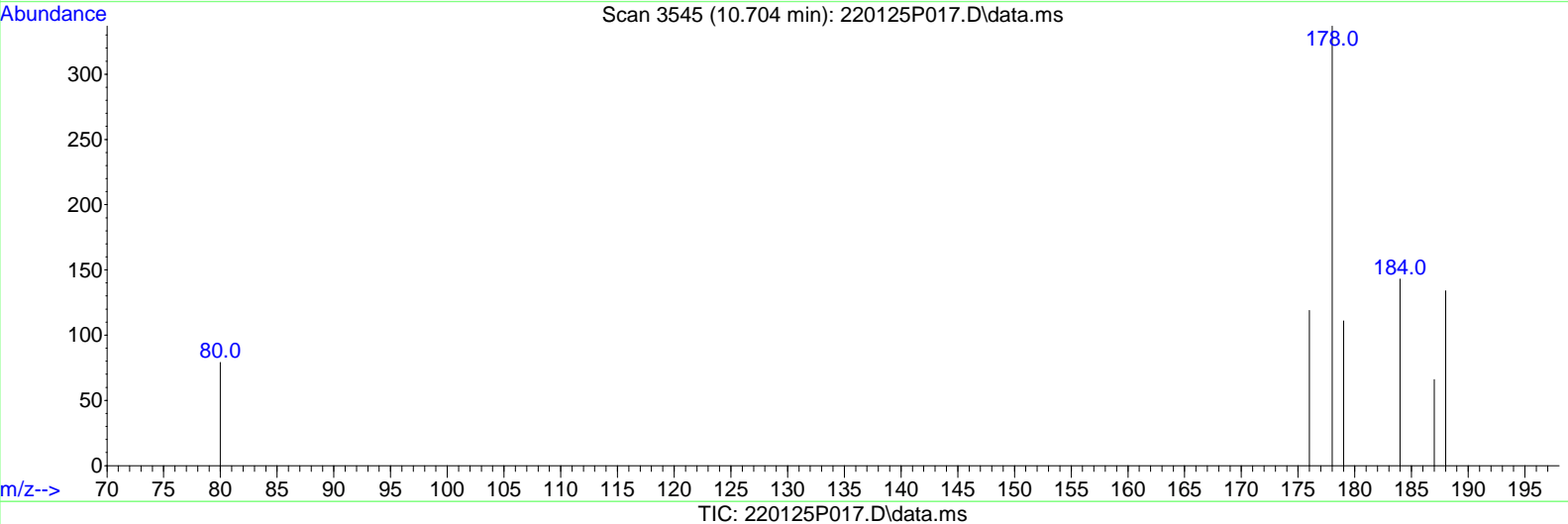
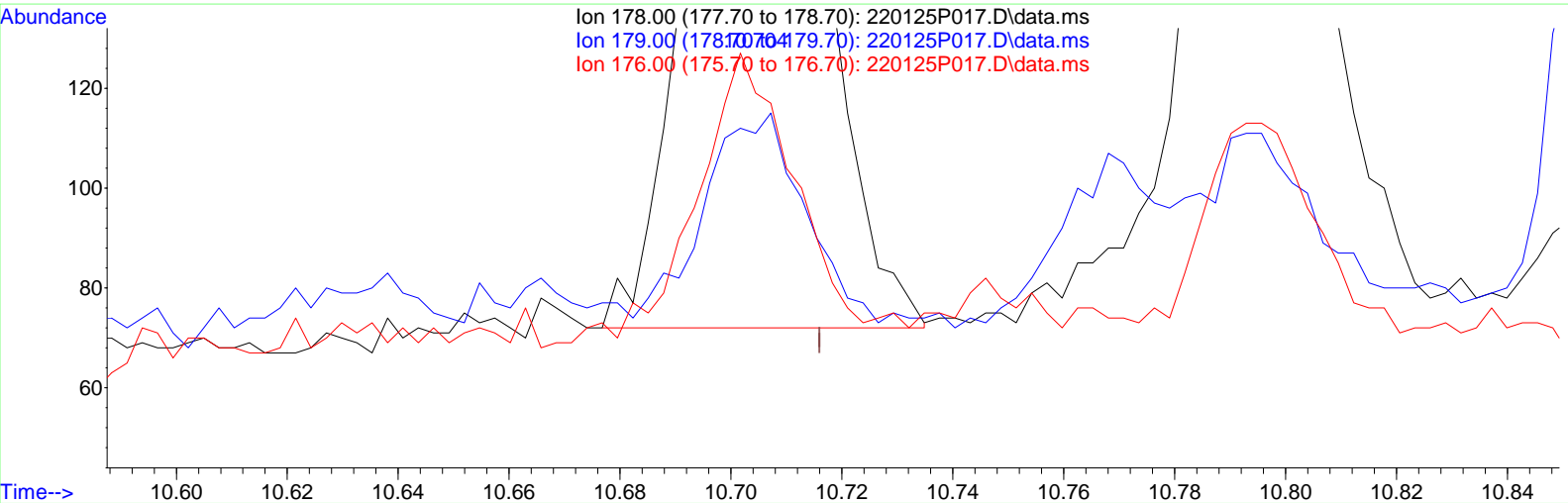
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

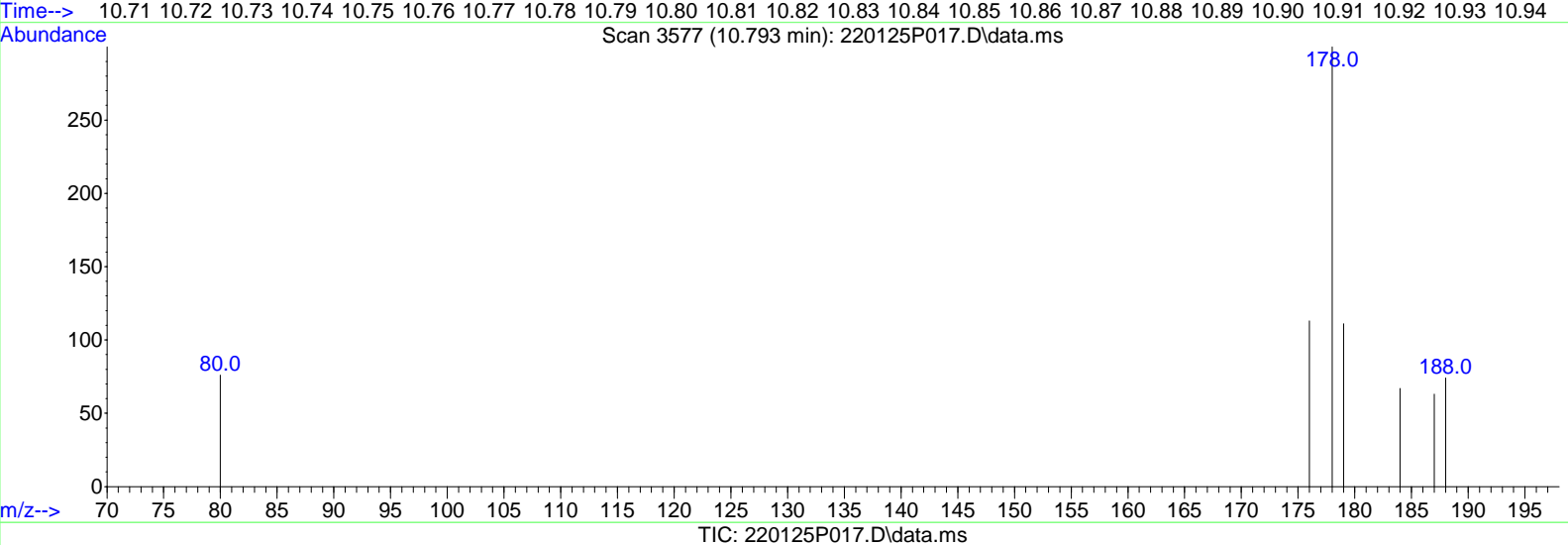
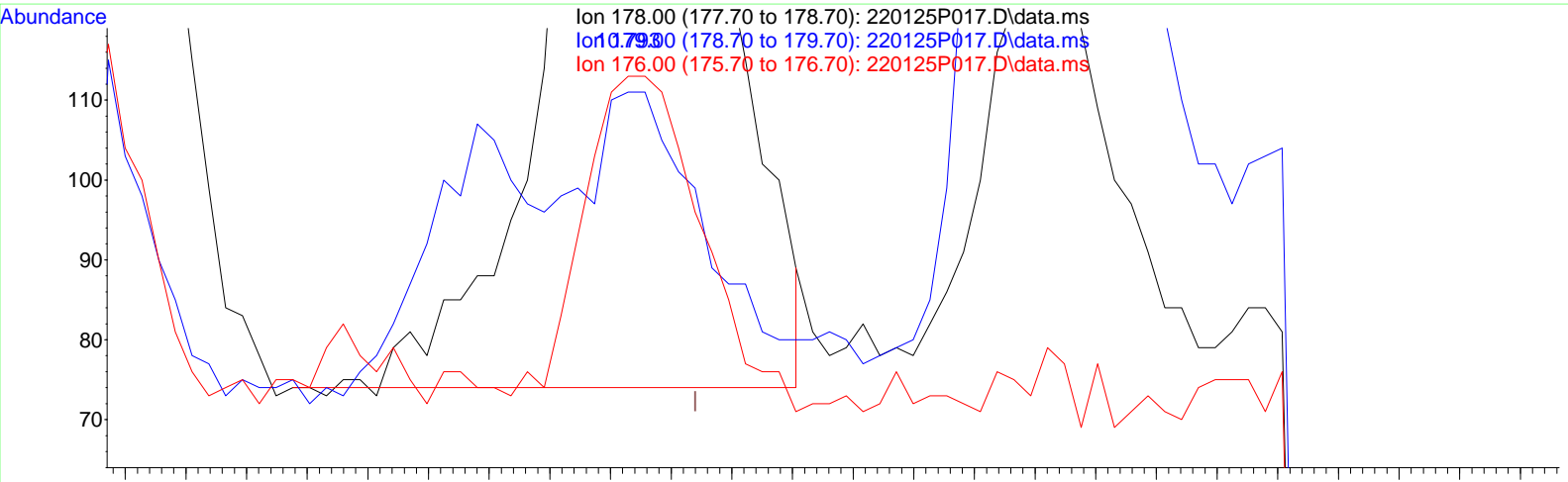
10.704min (-0.012) 0.091 ug/ml m

response 335

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	14.93
176.00	18.90	23.28
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.793min (-0.011) 0.087 ug/ml

response 311

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	0.00
176.00	18.20	18.65
0.00	0.00	0.00

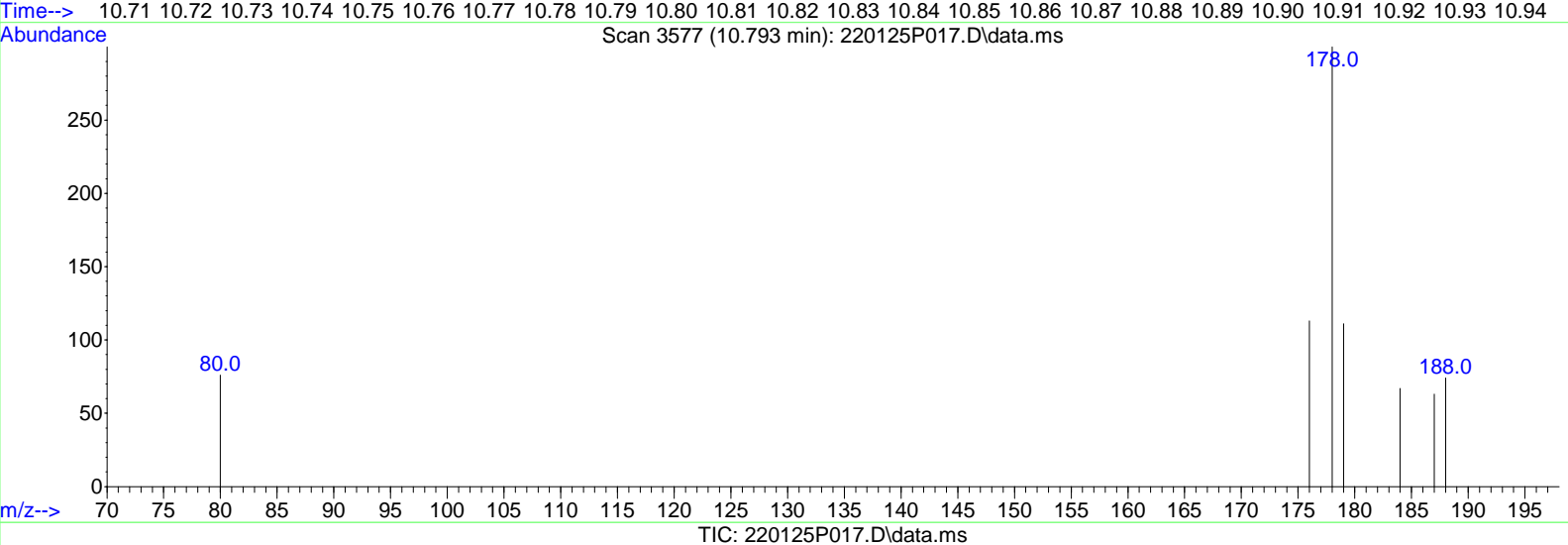
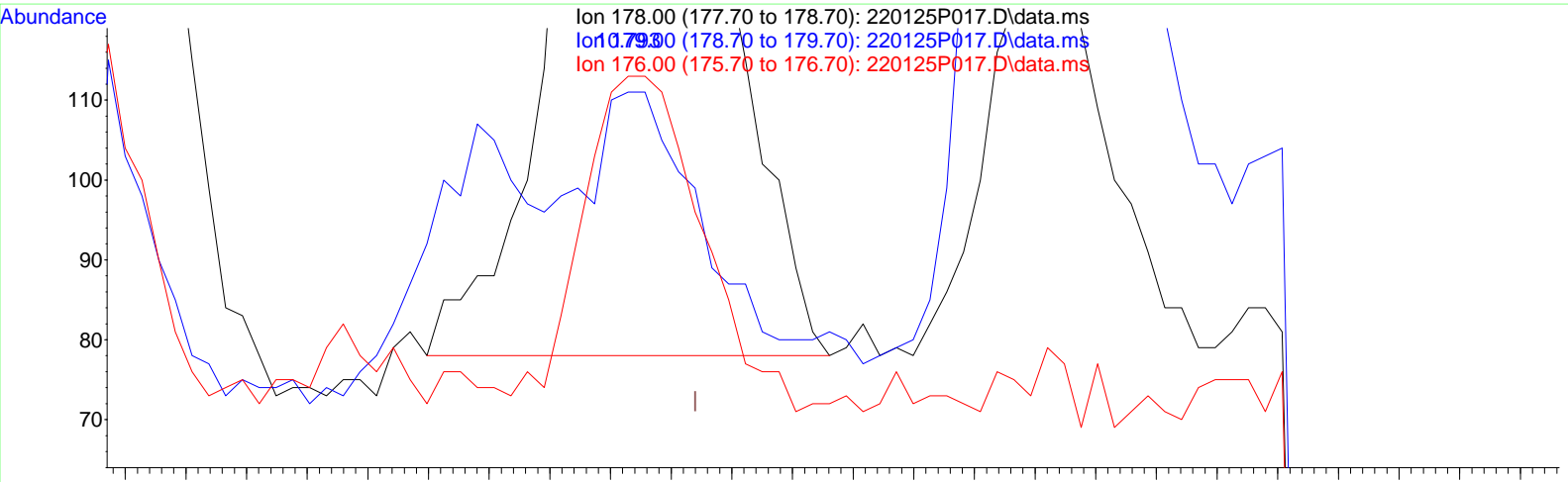
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

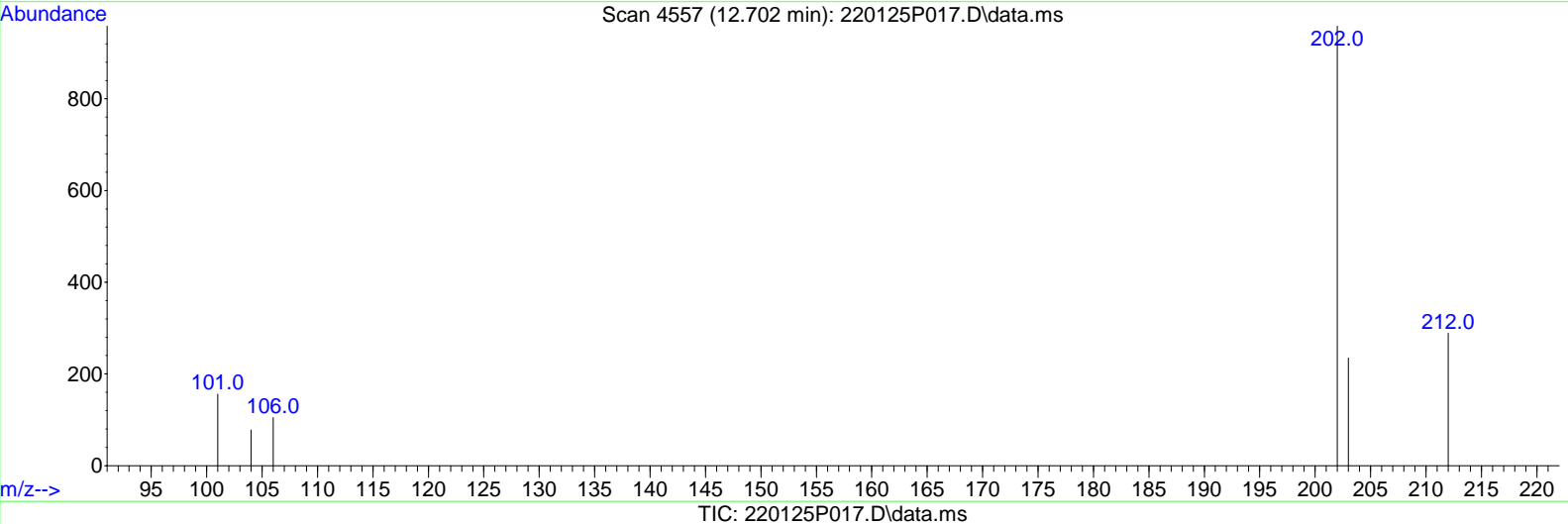
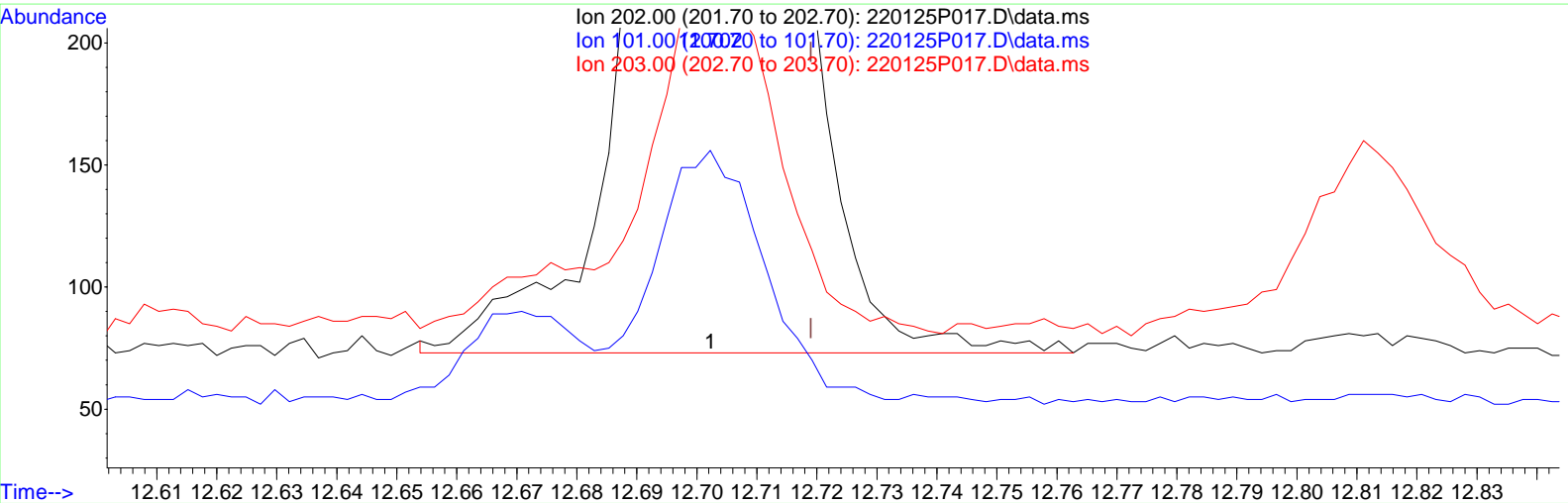
10.793min (-0.011) 0.082 ug/ml m

response 294

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	0.00
176.00	18.20	19.73
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(18) Fluoranthene (T)

12.702min (-0.017) 0.269 ug/ml

response 1174

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.70	15.50
203.00	18.30	20.53
0.00	0.00	0.00

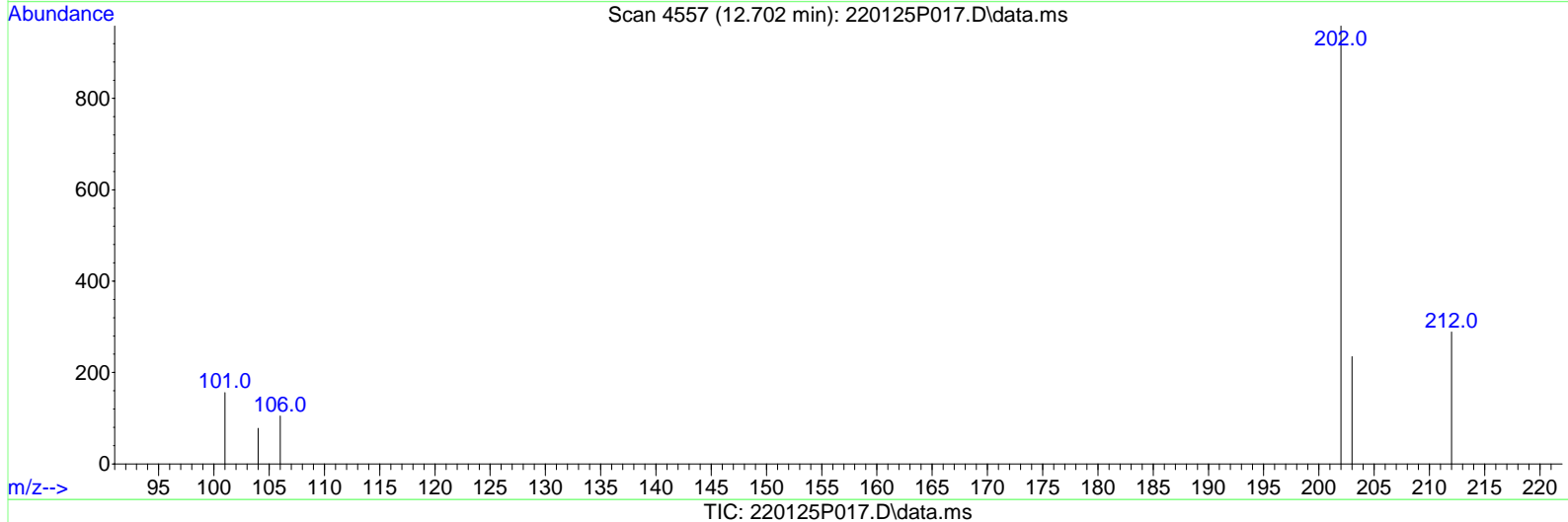
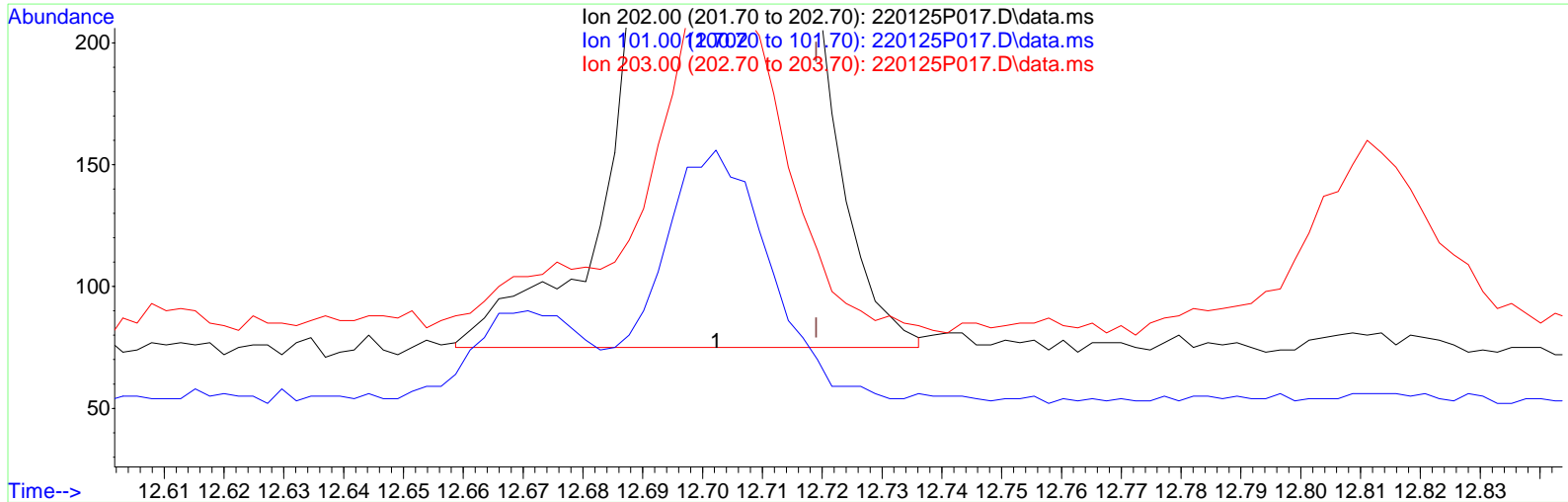
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P017.D
 Acq On : 25 Jan 2022 7:40 pm
 Operator : BDE
 Sample : J2200963010
 Misc : 8270C SIM-1843
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 25 20:04:15 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(18) Fluoranthene (T)

12.702min (-0.017) 0.266 ug/ml m

response 1157

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.70	15.73
203.00	18.30	20.83
0.00	0.00	0.00



Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1 - Blank

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID: 4179764

Method Blank ID: MB for HBN 75676 [EXT]j/3286

Date Analyzed: 1/25/2022 14:17

Matrix: WATER

Date Extracted: 1/24/2022 09:00

File ID: 220125P005.D

Dilution: 1

Instrument ID: J7P

Sample Wt/Wol: 1000.00 mL

Analytical Run ID: 220125P-SIM-DOD

Extract Vol: 1000 uL

% Moisture: 100

Lims Prep Batch: 3286

Prep Method: SW-846 3510C

Lims Analytical Batch: 1842

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	0.0500	U	0.0250	0.0500	0.100	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P005.D
 Acq On : 25 Jan 2022 2:17 pm
 Operator : BDE
 Sample : 4179764MB/4179768MB
 Misc : 8270D SIM-1842/1843
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 14:41:01 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

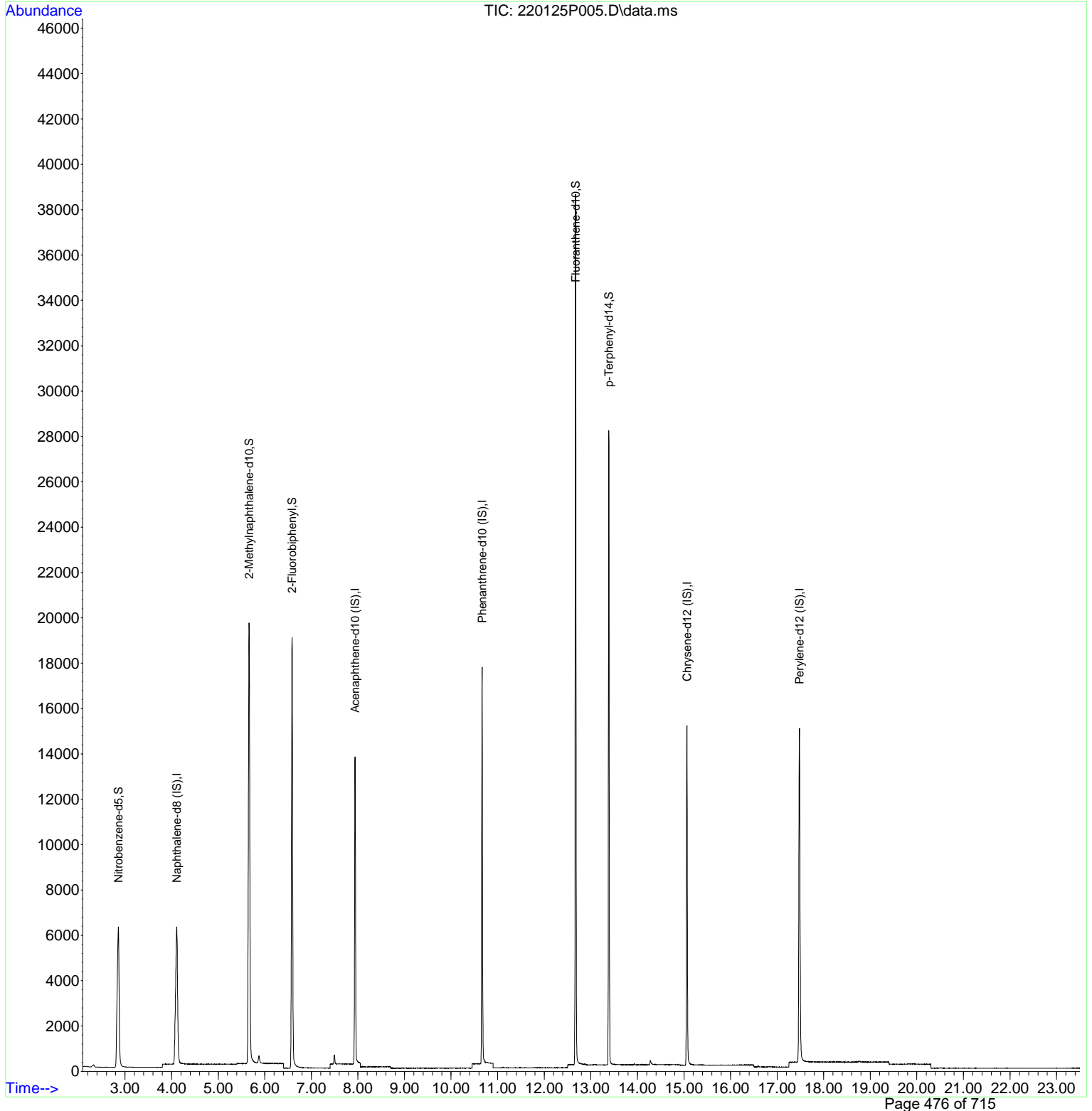
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.110	136	16111	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	8471	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.666	188	16249	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.064	240	14705	4.000	ug/ml	-0.01
24) Perylene-d12 (IS)	17.479	264	15911	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.855	82	9469	9.436	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.664	152	18236	8.841	ug/ml	0.00
8) 2-Fluorobiphenyl	6.585	172	24047	8.208	ug/ml	-0.01
17) Fluoranthene-d10	12.673	212	37144	9.966	ug/ml	-0.01
21) p-Terphenyl-d14	13.387	244	25075	8.005	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	0.000		0	N.D.	d	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	0.000		0	N.D.		
11) Dibenzofuran	0.000		0	N.D.		
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	0.000		0	N.D.	d	
18) Fluoranthene	0.000		0	N.D.	d	
20) Pyrene	0.000		0	N.D.	d	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P005.D
 Acq On : 25 Jan 2022 2:17 pm
 Operator : BDE
 Sample : 4179764MB/4179768MB
 Misc : 8270D SIM-1842/1843
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 25 14:41:01 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



QC Summary Reports



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS SURROGATE PERCENT RECOVERY SUMMARY FORM 2A

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
4179764	MB for HBN 75676 [EXTj/3286]	WATER	Nitrobenzene-d5	1	94.4		55 - 111
		WATER	2-Methylnaphthalene-d10	1	88.4		63 - 115
		WATER	2-Fluorobiphenyl	1	82.1		53 - 106
		WATFR	Fluoranthene-d10	1	99.7		54 - 126
		WATFR	p-Terphenyl-d14	1	80.0		58 - 132
4179765	LCS for HBN 75676 [EXTj/3286]	WATFR	Nitrobenzene-d5	1	94.6		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	92.3		63 - 115
		WATER	2-Fluorobiphenyl	1	86.1		53 - 106
		WATER	Fluoranthene-d10	1	103		54 - 126
		WATER	p-Terphenyl-d14	1	93.8		58 - 132
4179766	RSA306-2805-A1006MS	WATFR	Nitrobenzene-d5	1	73.0		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	71.7		63 - 115
		WATFR	2-Fluorobiphenyl	1	66.6		53 - 106
		WATFR	Fluoranthene-d10	1	87.9		54 - 126
		WATFR	p-Terphenyl-d14	1	82.8		58 - 132
4179767	RSA306-2805-A1006MSD	WATER	Nitrobenzene-d5	1	81.3		55 - 111
		WATER	2-Methylnaphthalene-d10	1	80.9		63 - 115
		WATFR	2-Fluorobiphenyl	1	75.5		53 - 106
		WATFR	Fluoranthene-d10	1	109		54 - 126
		WATFR	p-Terphenyl-d14	1	98.9		58 - 132
J2200963002	RSA306-2805-A1006	WATFR	Nitrobenzene-d5	1	79.2		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	77.6		63 - 115
		WATER	2-Fluorobiphenyl	1	73.0		53 - 106
		WATER	Fluoranthene-d10	1	99.6		54 - 126
		WATFR	p-Terphenyl-d14	1	91.5		58 - 132
J2200963003	RSA306-2806-A1007	WATFR	Nitrobenzene-d5	1	65.5		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	65.6		63 - 115
		WATFR	2-Fluorobiphenyl	1	62.4		53 - 106
		WATFR	Fluoranthene-d10	1	90.9		54 - 126
		WATER	p-Terphenyl-d14	1	83.5		58 - 132
J2200963004	RSA306-2807-A1008	WATER	Nitrobenzene-d5	1	71.3		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	70.8		63 - 115
		WATFR	2-Fluorobiphenyl	1	67.3		53 - 106
		WATFR	Fluoranthene-d10	1	105		54 - 126
		WATFR	p-Terphenyl-d14	1	90.4		58 - 132



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS SURROGATE PERCENT RECOVERY SUMMARY FORM 2A

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
J2200963005	RSA306-2342-A1002	WATFR	Nitrobenzene-d5	1	73.9		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	76.0		63 - 115
		WATFR	2-Fluorobiphenyl	1	73.2		53 - 106
		WATFR	Fluoranthene-d10	1	100		54 - 126
		WATFR	p-Terphenyl-d14	1	71.6		58 - 132
J2200963006	RSA306-2342-A1002-FD	WATFR	Nitrobenzene-d5	1	86.3		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	86.3		63 - 115
		WATFR	2-Fluorobiphenyl	1	80.2		53 - 106
		WATER	Fluoranthene-d10	1	100.0		54 - 126
		WATER	p-Terphenyl-d14	1	94.7		58 - 132
J2200963007	RSA306-2343-A1003	WATFR	Nitrobenzene-d5	1	58.6		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	56.3	Q	63 - 115
		WATFR	2-Fluorobiphenyl	1	52.4	Q	53 - 106
		WATFR	Fluoranthene-d10	1	73.4		54 - 126
		WATFR	p-Terphenyl-d14	1	60.5		58 - 132
J2200963008	RSA306-2344-A1004	WATER	Nitrobenzene-d5	1	79.1		55 - 111
		WATER	2-Methylnaphthalene-d10	1	77.8		63 - 115
		WATER	2-Fluorobiphenyl	1	72.2		53 - 106
		WATFR	Fluoranthene-d10	1	93.1		54 - 126
		WATFR	p-Terphenyl-d14	1	81.7		58 - 132
J2200963009	RSA306-A8011-ER	WATFR	Nitrobenzene-d5	1	91.1		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	90.5		63 - 115
		WATER	2-Fluorobiphenyl	1	83.7		53 - 106
		WATER	Fluoranthene-d10	1	99.8		54 - 126
		WATER	p-Terphenyl-d14	1	89.6		58 - 132
J2200963010	RSA306-A9041	WATFR	Nitrobenzene-d5	1	83.2		55 - 111
		WATFR	2-Methylnaphthalene-d10	1	82.0		63 - 115
		WATFR	2-Fluorobiphenyl	1	75.6		53 - 106
		WATFR	Fluoranthene-d10	1	96.5		54 - 126
		WATFR	p-Terphenyl-d14	1	82.8		58 - 132



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Date Analyzed: 1/25/2022 13:49

Instrument ID: J7P

Lab File ID: 220125P004.D

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	27099	4.115	14154	7.940	28230	10.667
UPPER LIMIT	54198	4.165	28308	7.990	56460	10.717
LOWER LIMIT	13550	4.065	7077	7.890	14115	10.617
LAB SAMPLE ID						
LCS for HBN 75676 [EXTj/3286]	16002	4.113	8348	7.940	16186	10.665
MB for HBN 75676 [EXTj/3286]	16111	4.110	8471	7.940	16249	10.666
RSA306-2342-A1002	15367	4.118	8042	7.940	15330	10.666
RSA306-2342-A1002-FD	15503	4.115	8180	7.940	15761	10.666
RSA306-2343-A1003	16255	4.120	8748	7.942	16250	10.665
RSA306-2344-A1004	16143	4.110	8571	7.937	16457	10.665
RSA306-2805-A1006	15530	4.110	8215	7.940	15591	10.665
RSA306-2805-A1006MS	14999	4.110	7981	7.937	15367	10.666
RSA306-2805-A1006MSD	15507	4.115	8186	7.940	15486	10.665
RSA306-2806-A1007	16479	4.115	8623	7.940	16420	10.665
RSA306-2807-A1008	15407	4.108	8176	7.940	15381	10.665
RSA306-A8011-ER	16293	4.108	8589	7.937	16408	10.665
RSA306-A9041	15252	4.110	8120	7.937	15491	10.663

IS1 = Naphthalene-d8 (IS)
 IS2 = Acenaphthene-d10 (IS)
 IS3 = Phenanthrene-d10 (IS)

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.05 minutes of internal standard RT

RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Date Analyzed: 1/25/2022 22:48

Instrument ID: J7P

Lab File ID: 220125P024.D

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	27842	4.110	14397	7.940	28592	10.663
UPPER LIMIT	55684	4.160	28794	7.990	57184	10.713
LOWER LIMIT	13921	4.060	7199	7.890	14296	10.613
LAB SAMPLE ID						

- IS1 = Naphthalene-d8 (IS)
- IS2 = Acenaphthene-d10 (IS)
- IS3 = Phenanthrene-d10 (IS)

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.05 minutes of internal standard RT

RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Date Analyzed: 01/25/2022 13:49
Lab File ID: 220125P004.D

Instrument ID: J7P

	IS4 AREA #	RT#	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD	25219	15.06	27964	17.48		
UPPER LIMIT	50438	15.11	55928	17.53		
LOWER LIMIT	12610	15.01	13982	17.43		
LAB SAMPLE ID						
LCS for HBN 75676 [EXTj/3286]	14608	15.06	15843	17.48		
MB for HBN 75676 [EXTj/3286]	14705	15.06	15911	17.48		
RSA306-2342-A1002	13524	15.06	14755	17.48		
RSA306-2342-A1002-FD	13987	15.06	15190	17.48		
RSA306-2343-A1003	14743	15.06	15703	17.48		
RSA306-2344-A1004	14680	15.06	15721	17.48		
RSA306-2805-A1006	14038	15.06	15416	17.48		
RSA306-2805-A1006MS	13608	15.06	14602	17.48		
RSA306-2805-A1006MSD	13900	15.06	15202	17.48		
RSA306-2806-A1007	14601	15.06	15934	17.48		
RSA306-2807-A1008	13716	15.06	14944	17.48		
RSA306-A8011-ER	14501	15.06	15460	17.48		
RSA306-A9041	13715	15.06	14445	17.48		

IS4 = Chrysene-d12 (IS)
 IS5 = Perylene-d12 (IS)
 IS6 =

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.05 minutes of internal standard RT
 RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Date Analyzed: 01/25/2022 22:48

Instrument ID: J7P

Lab File ID: 220125P024.D

	IS4 AREA #	RT#	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD	25134	15.06	27023	17.48		
UPPER LIMIT	50268	15.11	54046	17.53		
LOWER LIMIT	12567	15.01	13512	17.43		
LAB SAMPLE ID						

IS4 = Chrysene-d12 (IS)

IS5 = Perylene-d12 (IS)

IS6 =

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.05 minutes of internal standard RT

RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

MATRIX SPIKE REPORT

FORM 3A

SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

MS Sample ID: 4179766	Matrix: WATER
Client Sample ID: RSA306-2805-A1006	Parent Wgt/Vol: 1000.0 mL
Date Extracted: 1/24/2022 09:00	MS Wgt/Vol: 1000.0 mL
Parent Analyzed: 1/25/2022 16:05	Parent Final Volume: 1000 uL
MS Analyzed: 1/25/2022 15:11	MS Final Volume: 1000 uL
Parent File ID: 220125P009.D	% Moisture: 100.00
MS Data File: 220125P007.D	Dilution Factor: 1.0
Lims Analytical Batch: 1842	Lims Prep Batch: 3286
Prep Method: SW-846 3510C	Units: ug/L

Parameter	Conc Added	Sample Result	Q	Conc MS	Q	%Rec MS	Q	QC Limits Recovery
1-Methylnaphthalene	5.00	0.0500	U	0.0500	U	0	*	41 - 115



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT FORM 3A SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

MSD Sample ID: 4179767	Matrix: WATER
Client Sample ID: RSA306-2805-A1006	Parent Wgt/Vol: 1000.0 mL
Date Prepared: 1/24/2022 09:00	MSD Wgt/Vol: 1000.0 mL
Parent Analyzed: 1/25/2022 16:05	Parent Final Volume: 1000 uL
MSD Analyzed: 1/25/2022 15:38	MSD Final Volume: 1000 uL
Dilution MSD: 1.0	% Moisture: 100.00
Parent File ID: 220125P009.D	Lims Analytical Batch: 1842
MSD File ID: 220125P008.D	Lims Prep Batch: 3286
Prep Method: SW-846 3510C	Units: ug/L

Parameters	Conc		Q	Results		%Rec			QC Limits		
	Added	Sample		MSD	Q	MSD	Q	RPD	Q	Recovery	RPD
1-Methylnaphthalene	5.00	0.0500	U	0.0500	U	0	*	0		41 - 115	20

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P007.D
 Acq On : 25 Jan 2022 3:11 pm
 Operator : BDE
 Sample : 4179766MS/4181606MS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 25 15:34:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

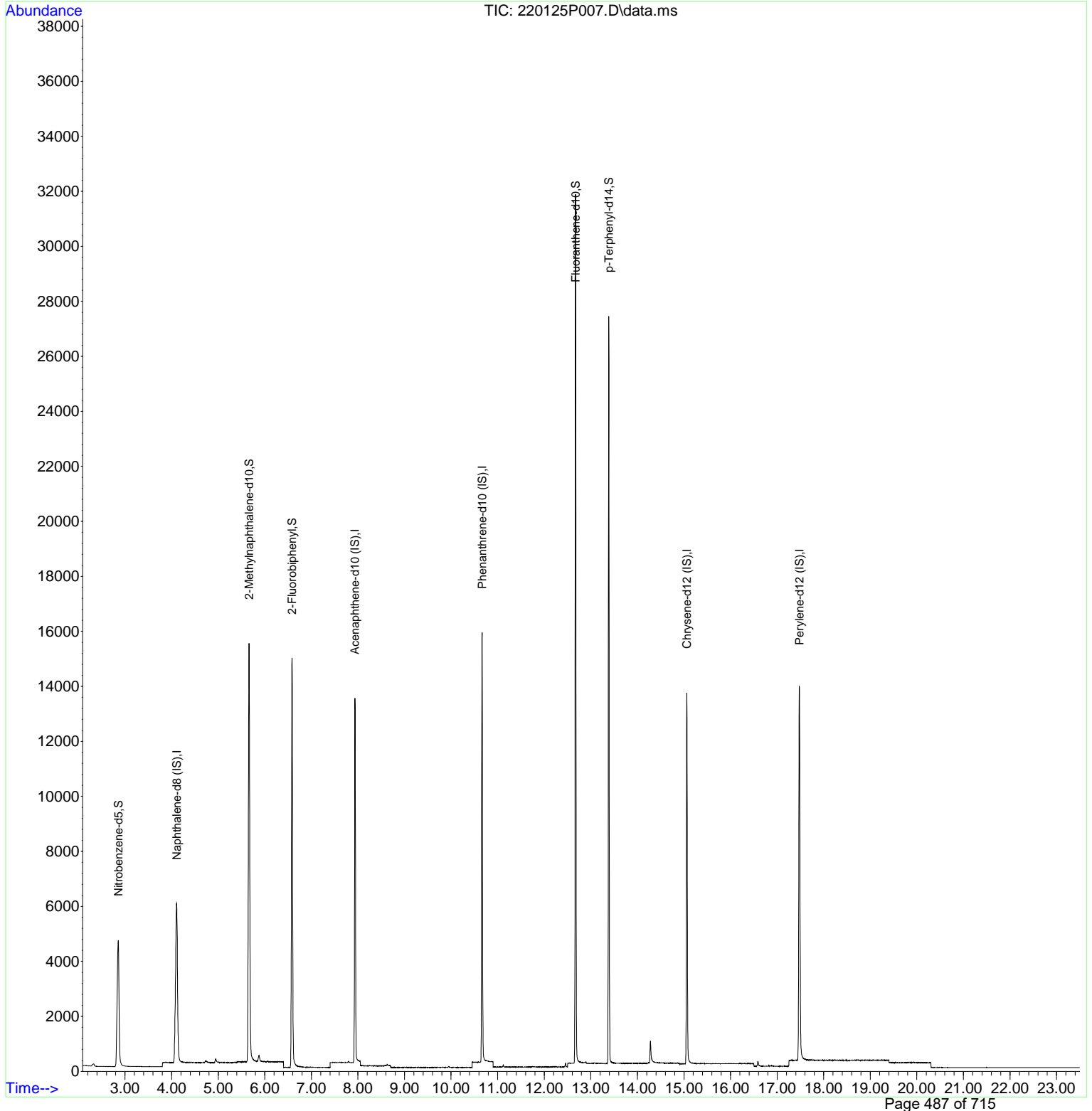
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.110	136	14999	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.937	164	7981	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.666	188	15367	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.060	240	13608	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.479	264	14602	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.855	82	6822	7.303	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.664	152	13765	7.169	ug/ml	0.00
8) 2-Fluorobiphenyl	6.585	172	18370	6.655	ug/ml	-0.01
17) Fluoranthene-d10	12.673	212	30987	8.791	ug/ml	-0.01
21) p-Terphenyl-d14	13.385	244	24008	8.282	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	0.000		0	N.D.	d	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	0.000		0	N.D.		
11) Dibenzofuran	0.000		0	N.D.		
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	0.000		0	N.D.	d	
18) Fluoranthene	0.000		0	N.D.	d	
20) Pyrene	0.000		0	N.D.	d	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P007.D
 Acq On : 25 Jan 2022 3:11 pm
 Operator : BDE
 Sample : 4179766MS/4181606MS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 25 15:34:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P008.D
 Acq On : 25 Jan 2022 3:38 pm
 Operator : BDE
 Sample : 4179767MSD/4181607MSD
 Misc : 8270D SIM-1842/1843
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 16:01:50 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

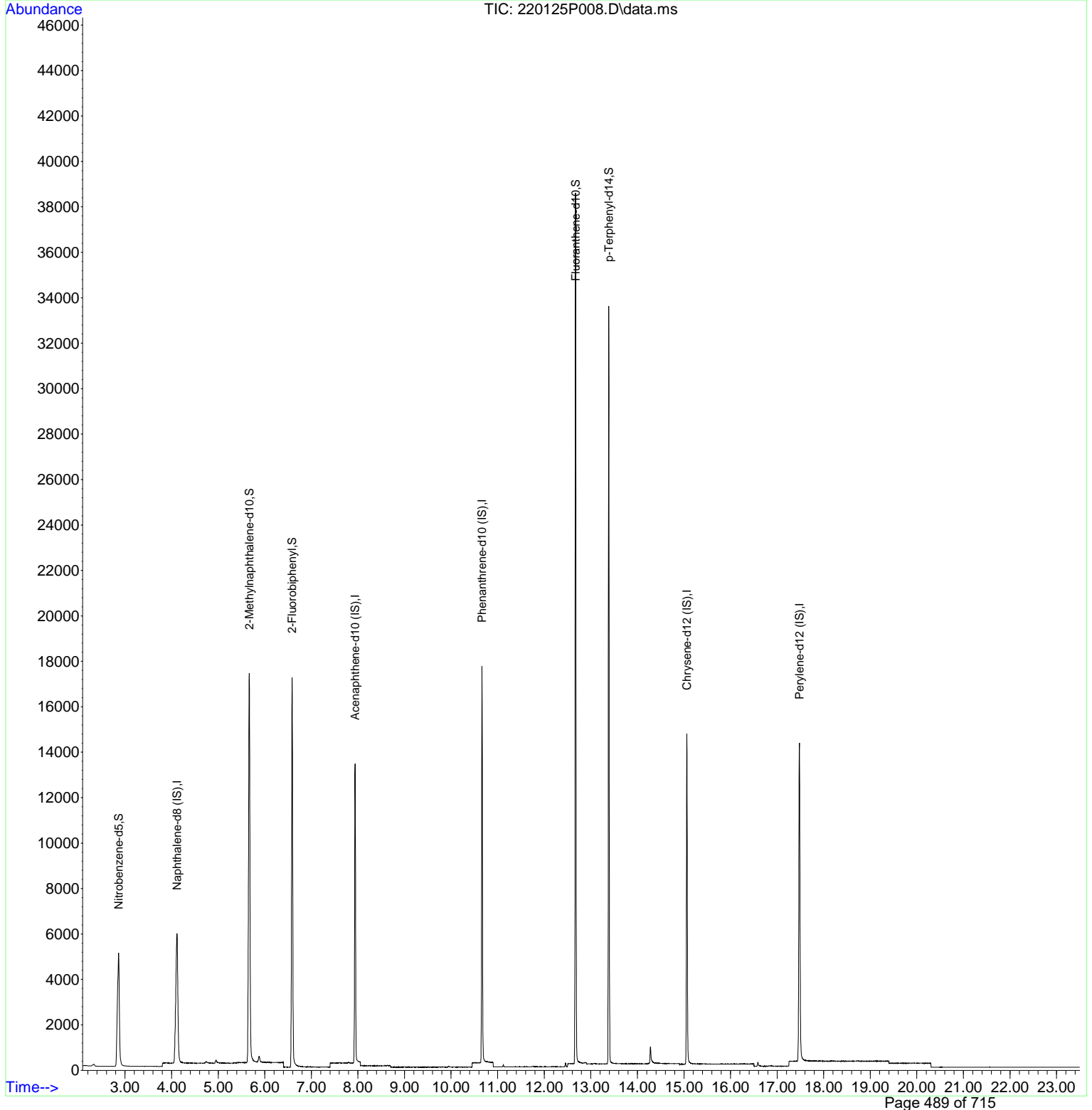
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.115	136	15507	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	8186	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.665	188	15486	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.062	240	13900	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.479	264	15202	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.860	82	7854	8.132	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.669	152	16055	8.087	ug/ml	0.00
8) 2-Fluorobiphenyl	6.587	172	21383	7.553	ug/ml	0.00
17) Fluoranthene-d10	12.673	212	38794	10.922	ug/ml	-0.01
21) p-Terphenyl-d14	13.387	244	29281	9.889	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	0.000		0	N.D.	d	
5) 2-Methylnaphthalene	0.000		0	N.D.		
6) 1-Methylnaphthalene	0.000		0	N.D.		
9) Acenaphthylene	0.000		0	N.D.		
10) Acenaphthene	0.000		0	N.D.		
11) Dibenzofuran	0.000		0	N.D.		
12) Fluorene	0.000		0	N.D.	d	
14) Phenanthrene	0.000		0	N.D.	d	
15) Anthracene	0.000		0	N.D.	d	
16) Carbazole	0.000		0	N.D.	d	
18) Fluoranthene	0.000		0	N.D.	d	
20) Pyrene	0.000		0	N.D.	d	
22) Benzo[a]anthracene	0.000		0	N.D.	d	
23) Chrysene	0.000		0	N.D.	d	
25) Benzo[b]fluoranthene	0.000		0	N.D.	d	
26) Benzo[k]fluoranthene	0.000		0	N.D.	d	
27) Benzo[a]pyrene	0.000		0	N.D.	d	
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
29) Dibenzo[a,h]anthracene	0.000		0	N.D.		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P008.D
 Acq On : 25 Jan 2022 3:38 pm
 Operator : BDE
 Sample : 4179767MSD/4181607MSD
 Misc : 8270D SIM-1842/1843
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 16:01:50 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE





Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS LABORATORY CONTROL SAMPLE REPORT FORM 3C SW-846 8270D SIM

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

LCS Sample ID: 4179765

Matrix: WATER

Date Extracted: 1/24/2022 09:00

LCS Wgt/Vol: 1000.0 mL

Date Analyzed: 1/25/2022 14:44

Final Volume: 1000 uL

Dilution Factor: 1

% Moisture: 100.00

LCS File ID: 220125P006.D

Lims Analytical Batch: 1842

Lims Prep Batch: 3286

Prep Method: SW-846 3510C

Units: ug/L

Parameter	Conc Added	Results LCS	%Rec LCS	Q	QC Limits Recovery
1-Methylnaphthalene	5.00	4.83	96.6		41 - 115

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

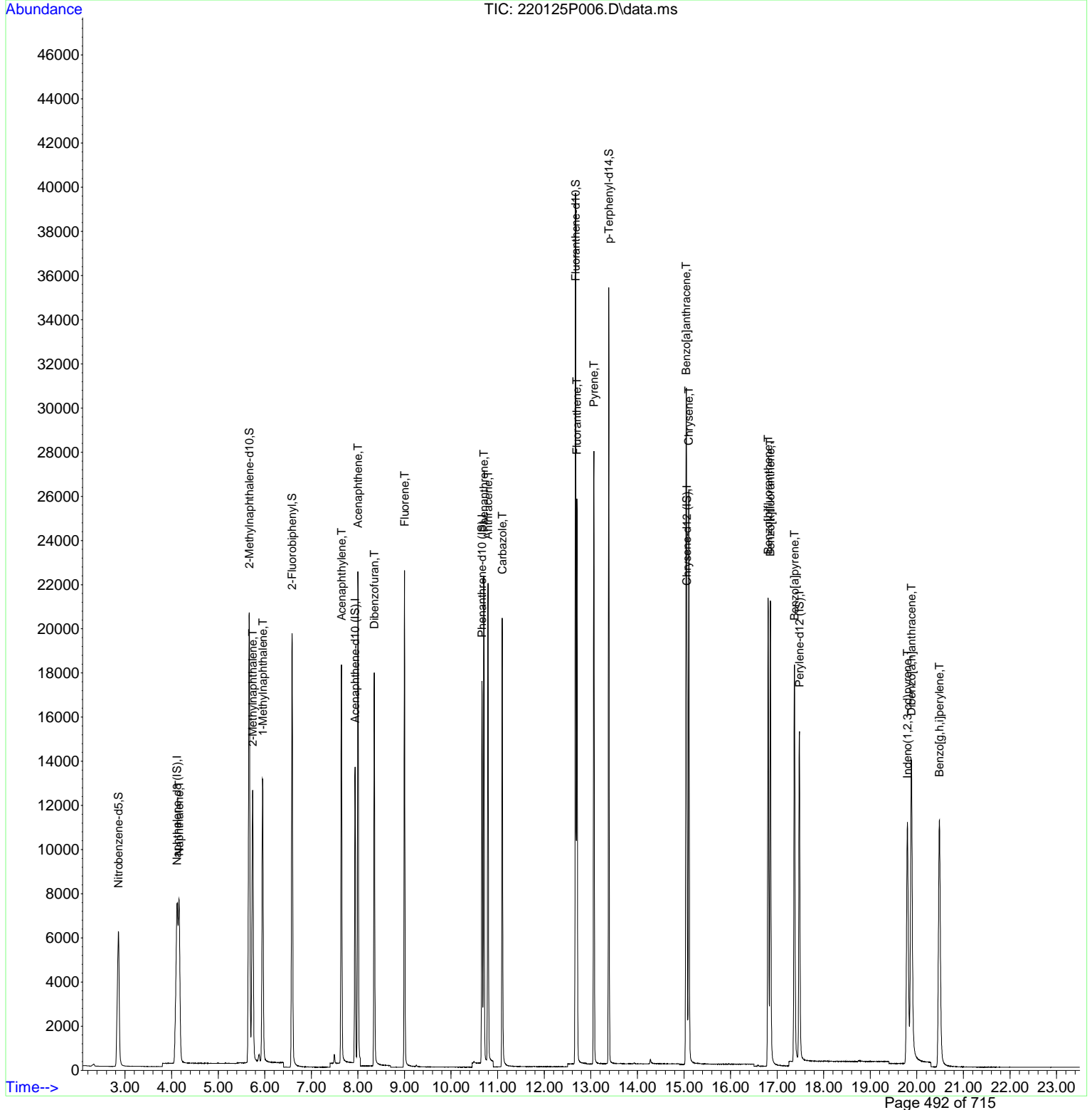
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.113	136	16002	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	8348	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.665	188	16186	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.062	240	14608	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.479	264	15843	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.855	82	9432	9.464	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.667	152	18914	9.233	ug/ml	0.00
8) 2-Fluorobiphenyl	6.587	172	24853	8.608	ug/ml	0.00
17) Fluoranthene-d10	12.673	212	38417	10.348	ug/ml	-0.01
21) p-Terphenyl-d14	13.387	244	29181	9.377	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	4.161	128	17512	4.799	ug/ml	100
5) 2-Methylnaphthalene	5.741	142	11310	4.802	ug/ml	97
6) 1-Methylnaphthalene	5.955	142	11023	4.832	ug/ml	97
9) Acenaphthylene	7.644	152	19810	4.851	ug/ml	99
10) Acenaphthene	8.000	154	10107	4.857	ug/ml	94
11) Dibenzofuran	8.351	168	16882m	4.950	ug/ml	
12) Fluorene	8.999	166	13205	4.933	ug/ml	98
14) Phenanthrene	10.703	178	20531m	5.312	ug/ml	
15) Anthracene	10.792	178	19593m	5.255	ug/ml	
16) Carbazole	11.097	167	18801	5.031	ug/ml	100
18) Fluoranthene	12.702	202	23548	5.172	ug/ml	99
20) Pyrene	13.065	202	24184	5.132	ug/ml	98
22) Benzo[a]anthracene	15.045	228	23109	5.219	ug/ml	98
23) Chrysene	15.103	228	22956	5.350	ug/ml	98
25) Benzo[b]fluoranthene	16.809	252	24006m	5.346	ug/ml	
26) Benzo[k]fluoranthene	16.856	252	24647m	5.264	ug/ml	
27) Benzo[a]pyrene	17.373	252	23531	5.131	ug/ml	100
28) Indeno(1,2,3-cd)pyrene	19.798	276	19696	4.416	ug/ml	98
29) Dibenzo[a,h]anthracene	19.881	278	20785	4.796	ug/ml	98
30) Benzo[g,h,i]perylene	20.483	276	23288	4.868	ug/ml	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

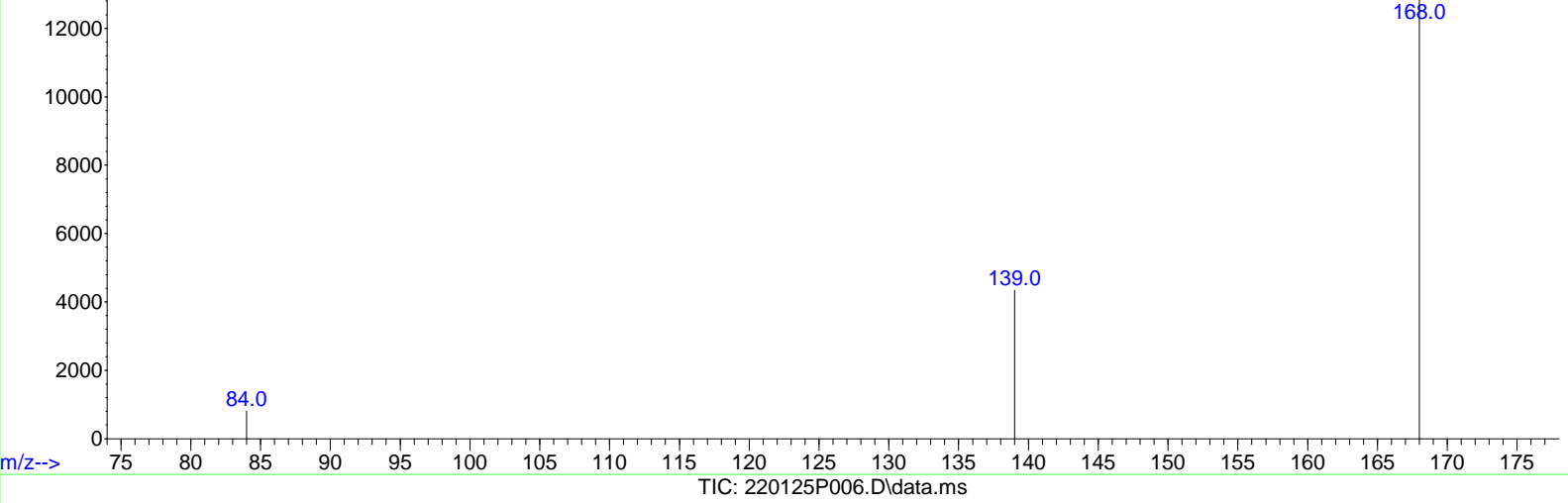
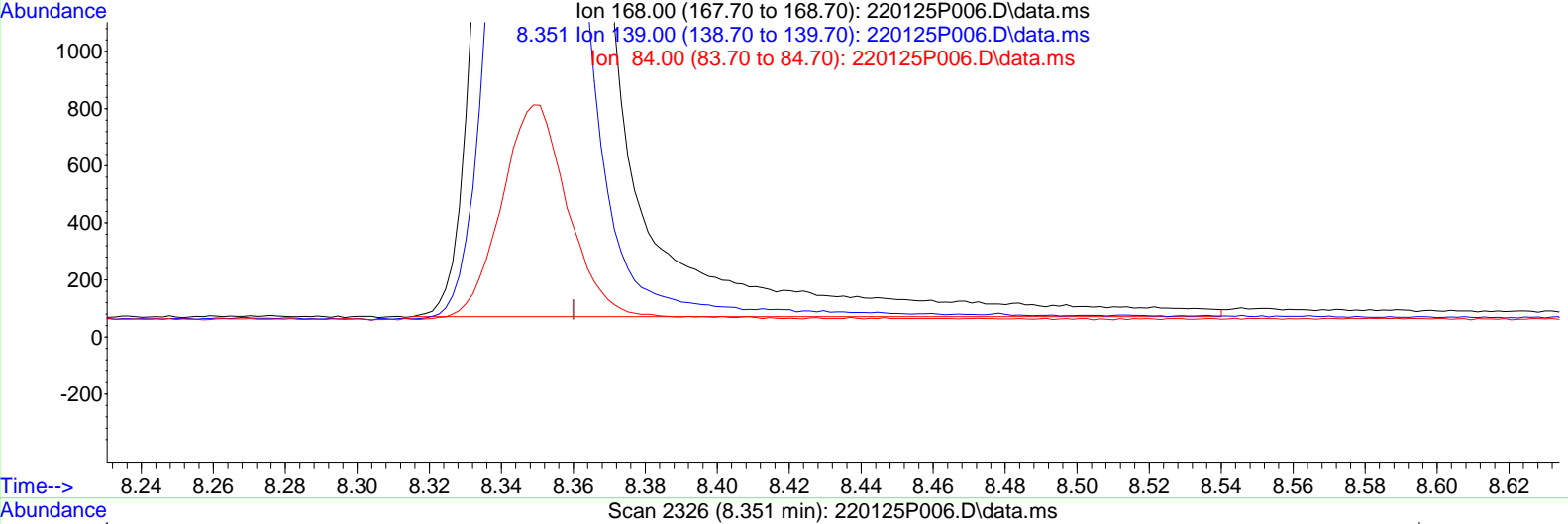
Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(11) Dibenzofuran (T)

8.351min (-0.009) 5.002 ug/ml

response 17057

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	33.89#
84.00	0.00	5.77
0.00	0.00	0.00

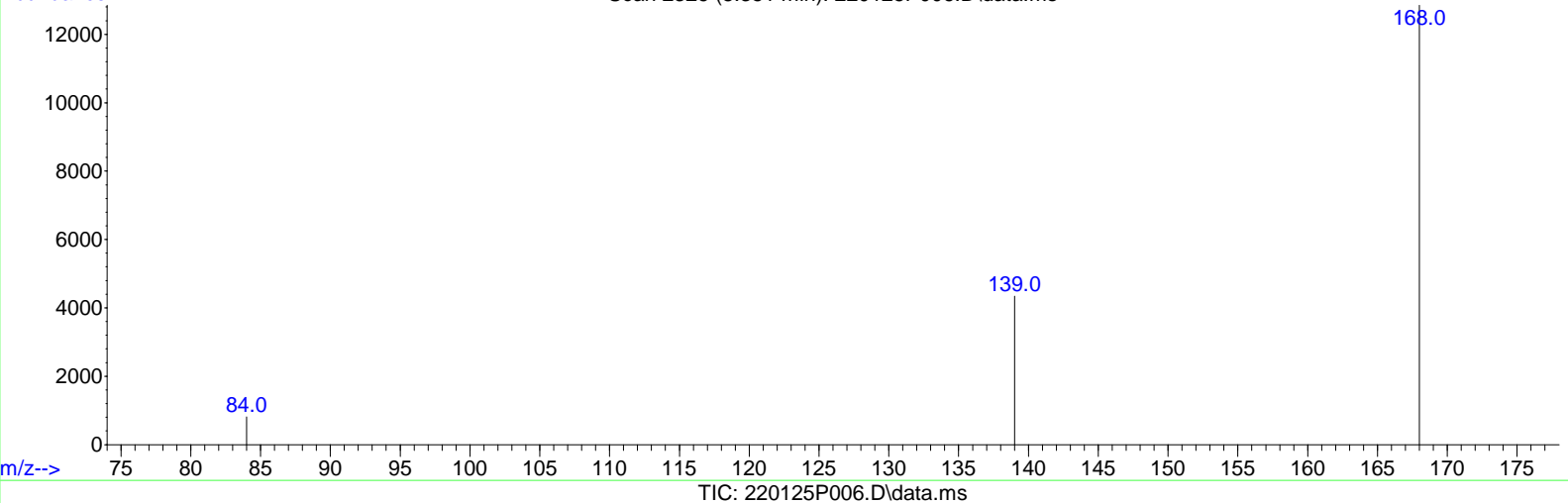
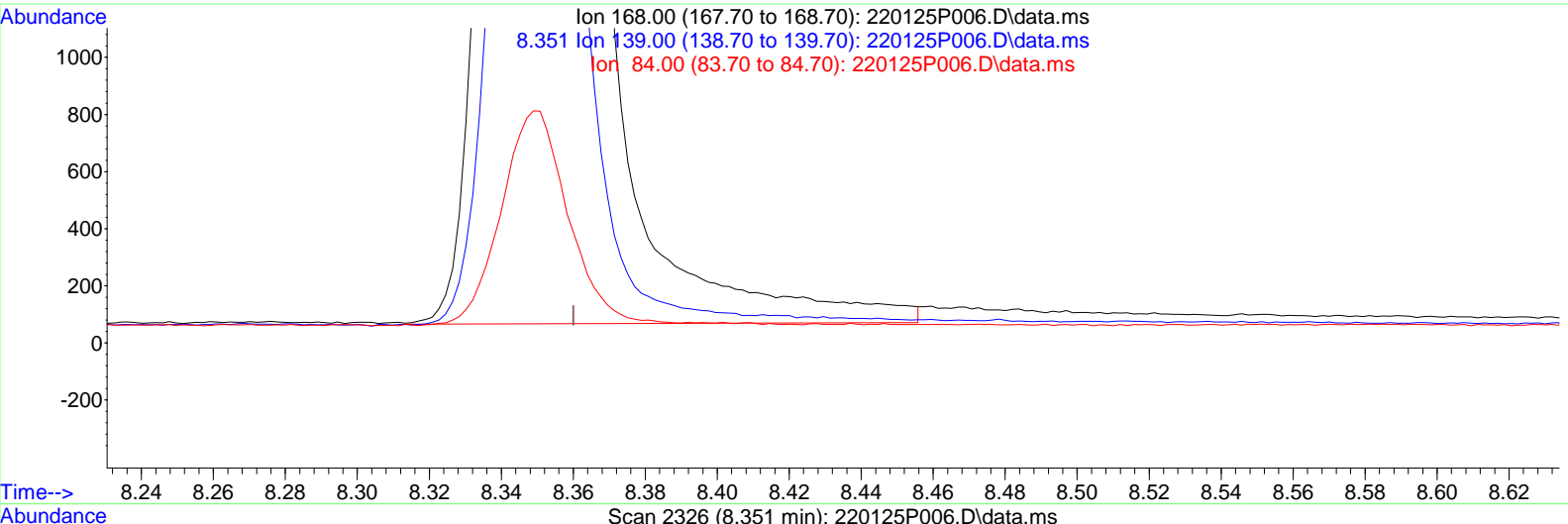
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(11) Dibenzofuran (T)

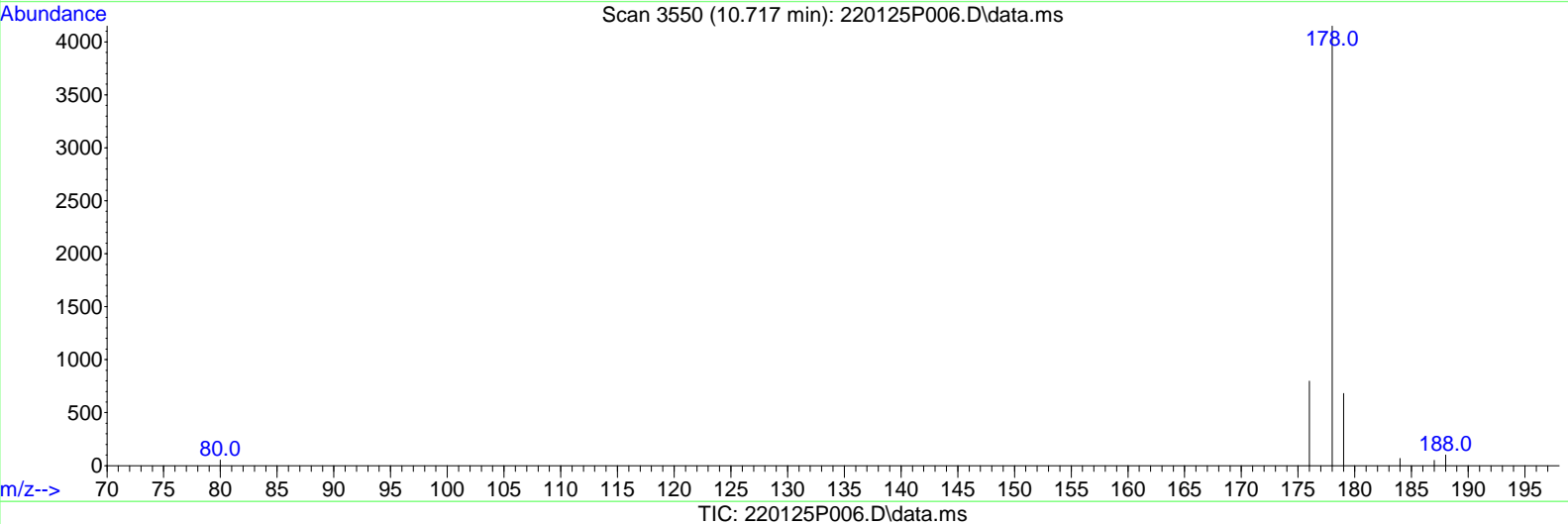
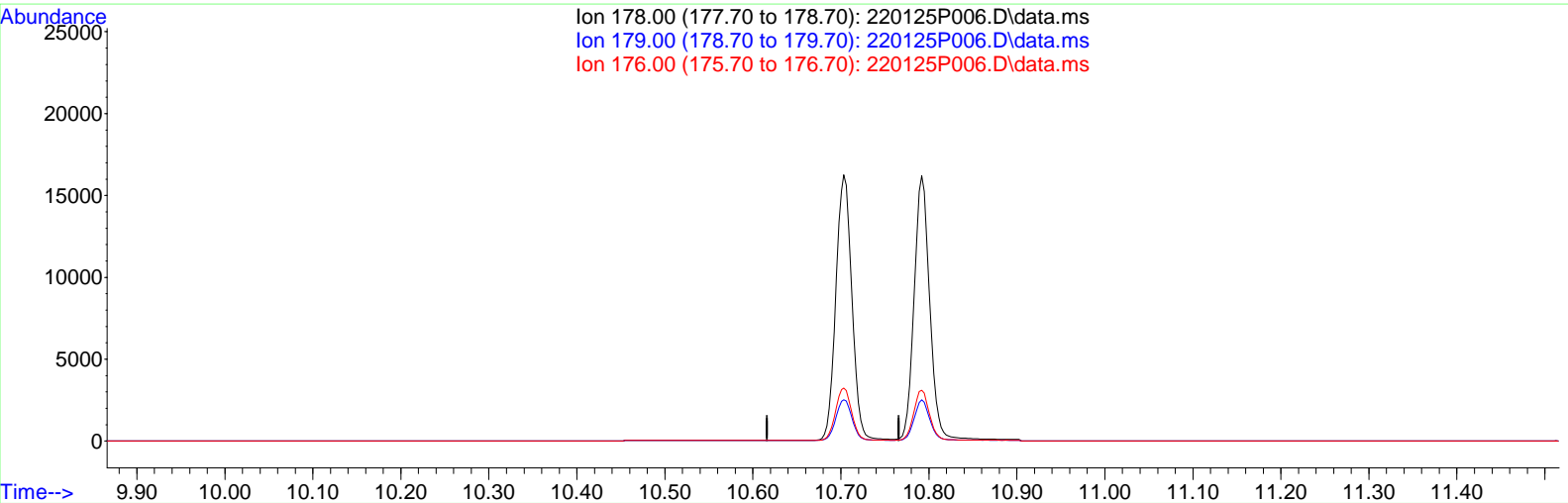
8.351min (-0.009) 4.950 ug/ml m

response 16882

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	34.24#
84.00	0.00	5.83
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.716min (-10.716) 0.000 ug/ml

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

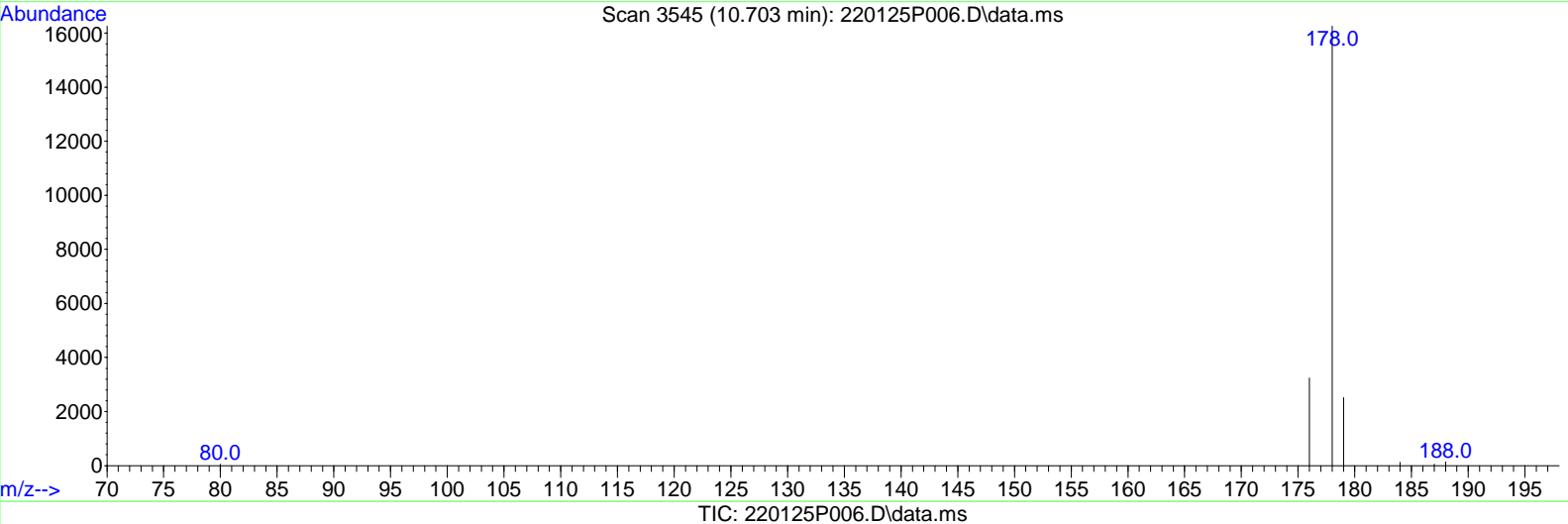
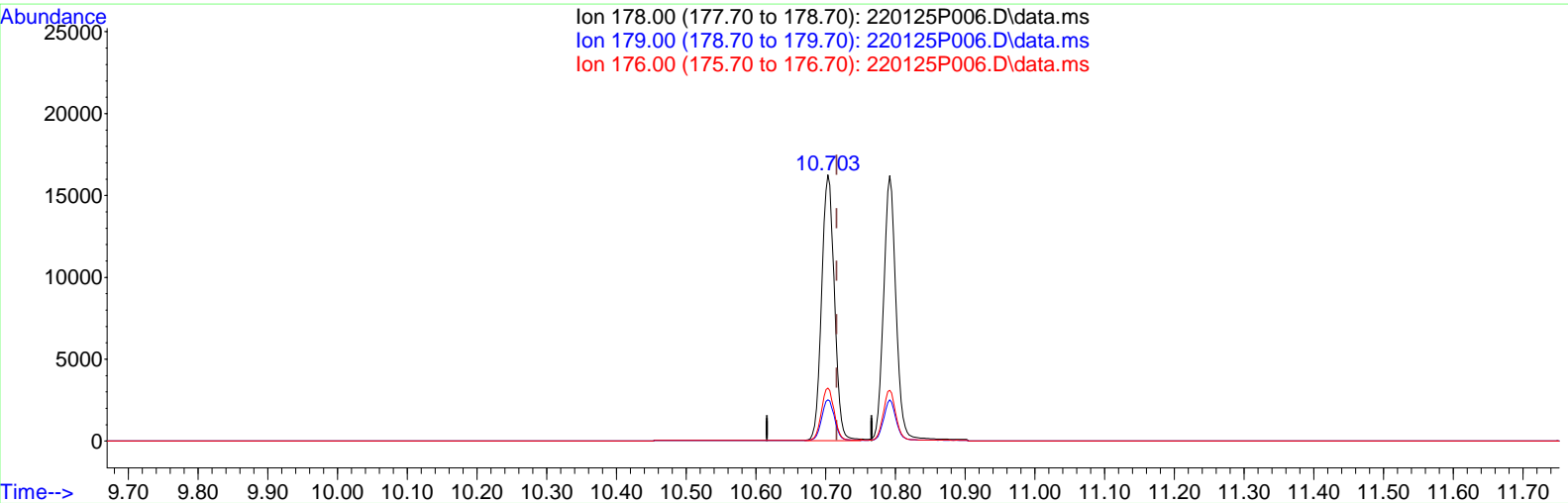
Manual Integration Reasons

- 1. Peak Not Found
- 2. Assign Peak

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

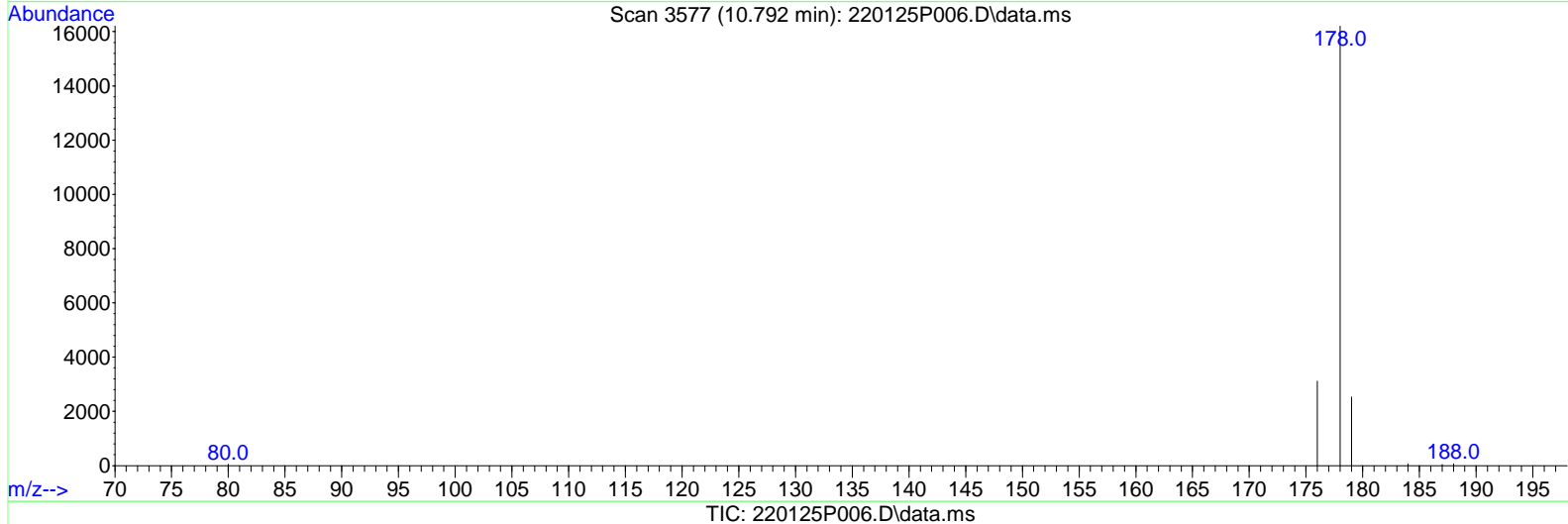
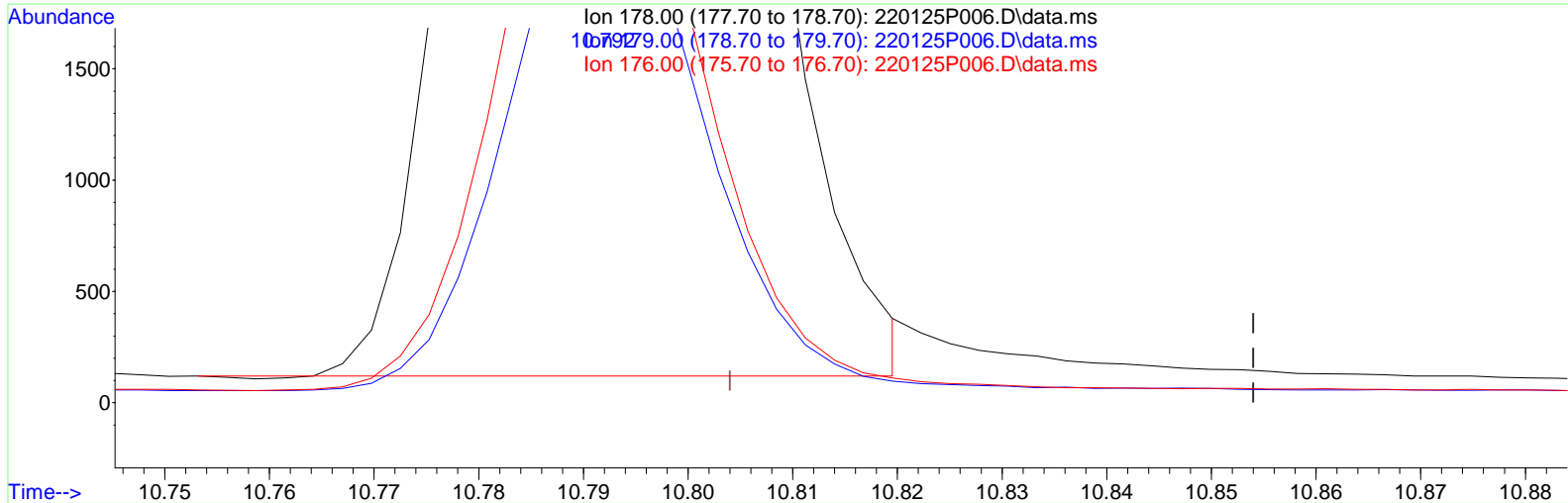
10.703min (-0.013) 5.312 ug/ml m

response 20531

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.792min (-0.012) 5.198 ug/ml

response 19378

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.30
176.00	18.20	19.25
0.00	0.00	0.00

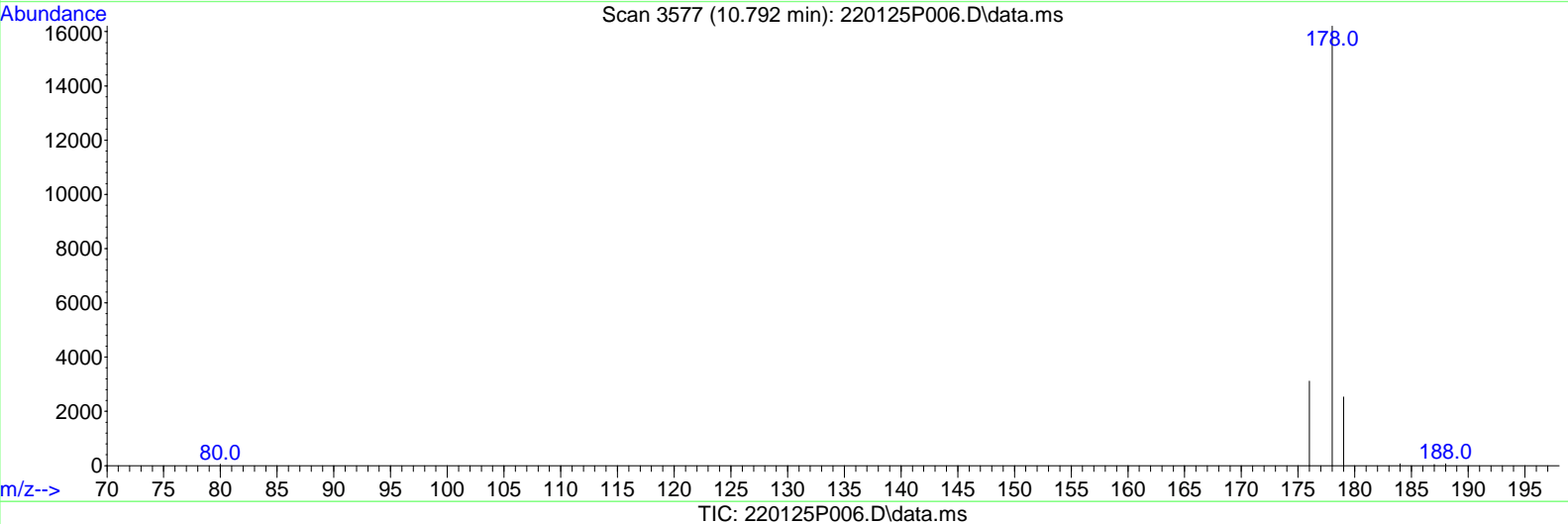
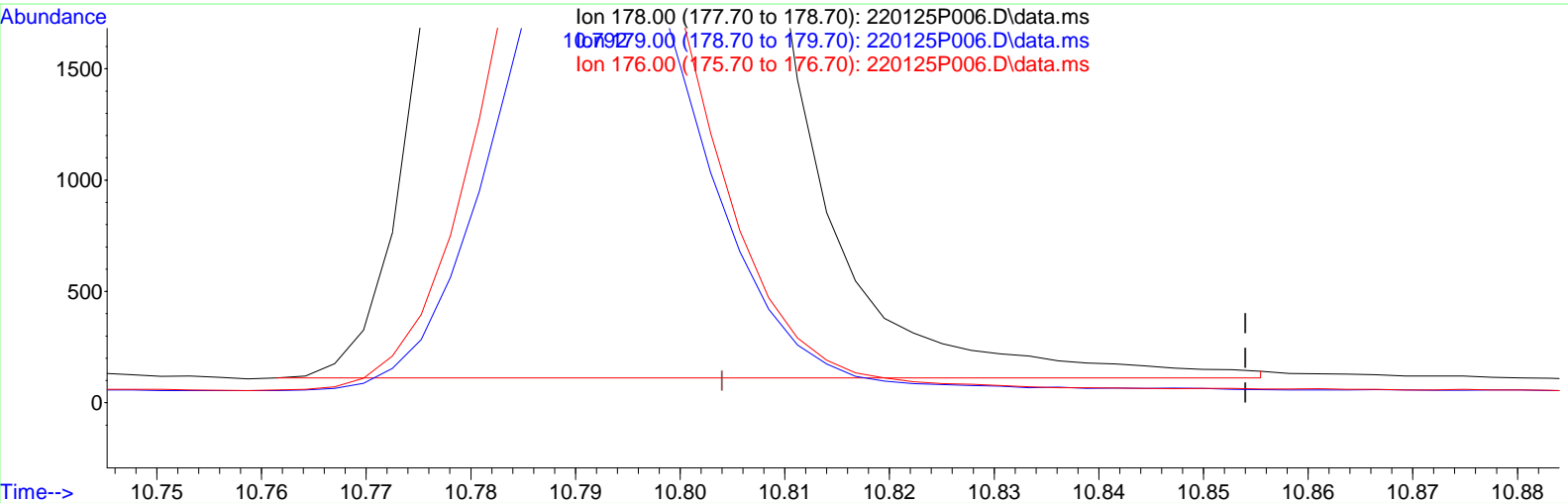
Manual Integration Reasons

1. Incomplete Integration

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

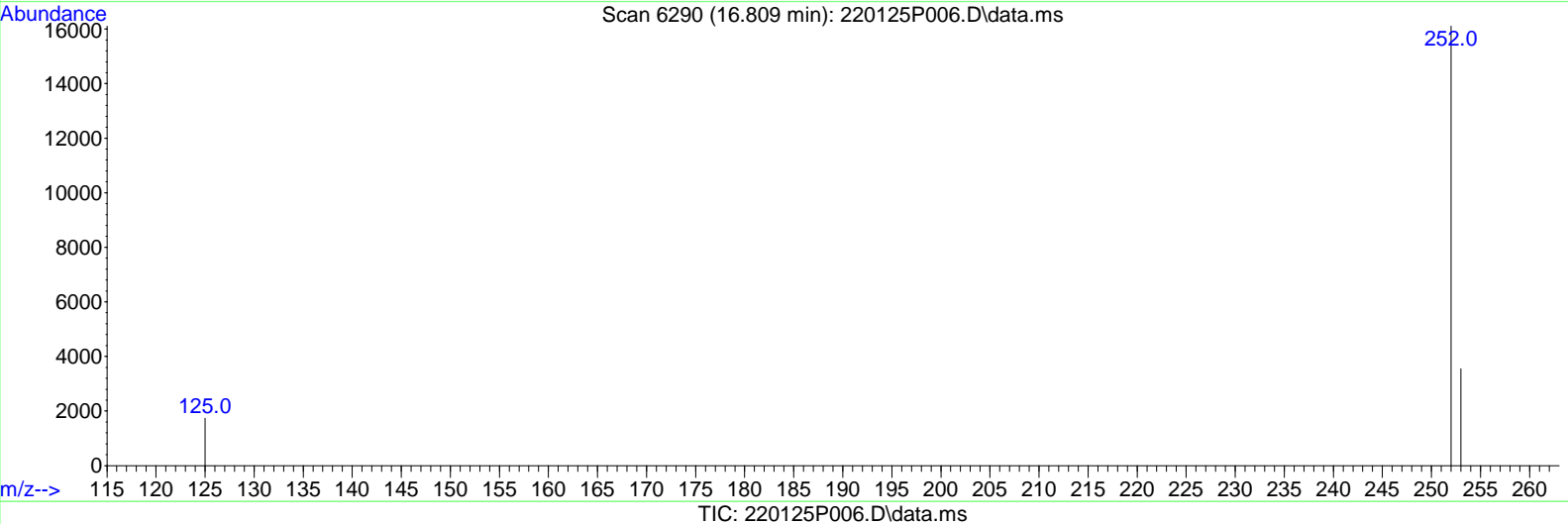
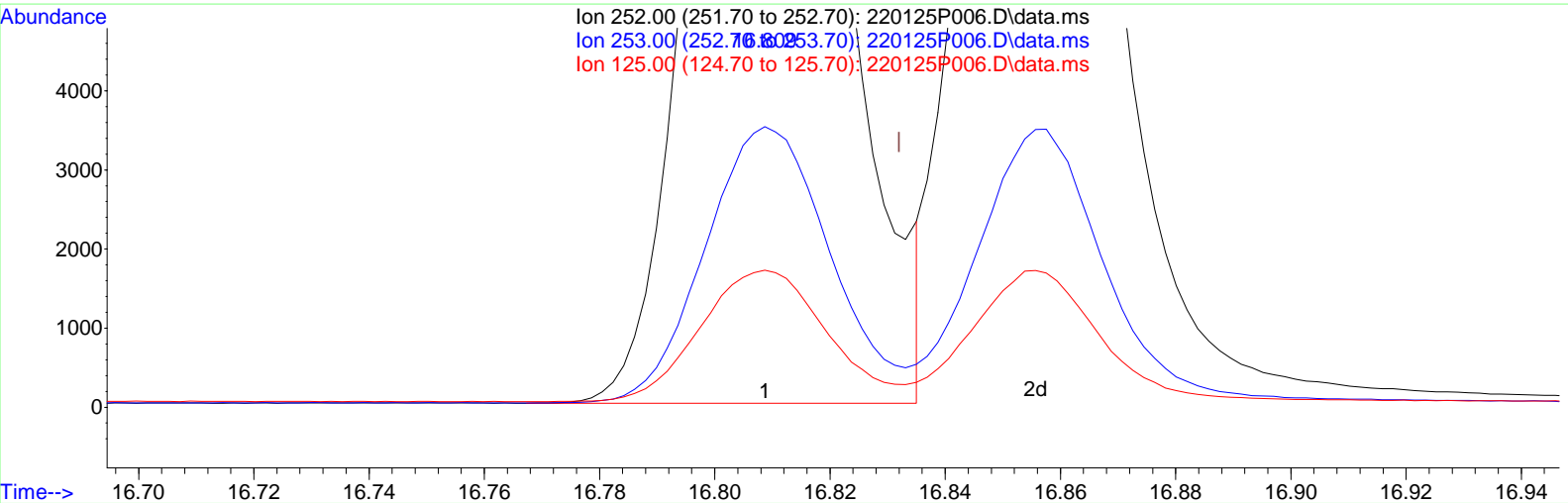
10.792min (-0.012) 5.255 ug/ml m

response 19593

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.13
176.00	18.20	19.04
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(25) Benzo[b]fluoranthene (T)

16.809min (-0.023) 5.410 ug/ml

response 24292

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	21.78
125.00	9.90	10.44
0.00	0.00	0.00

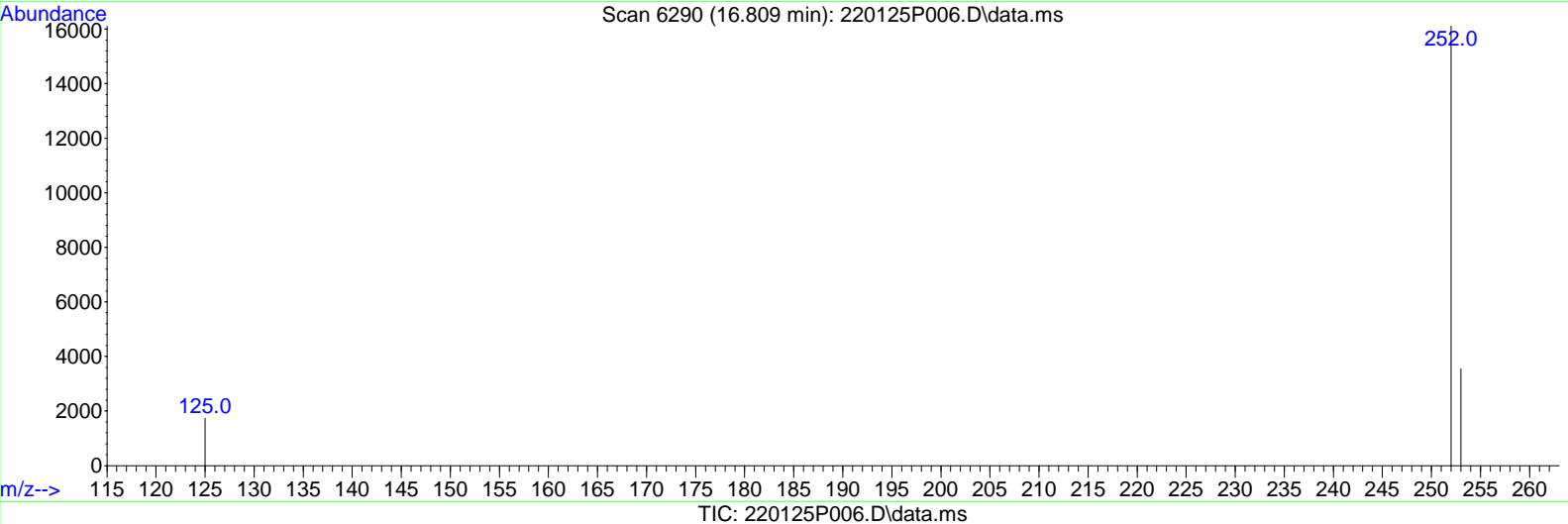
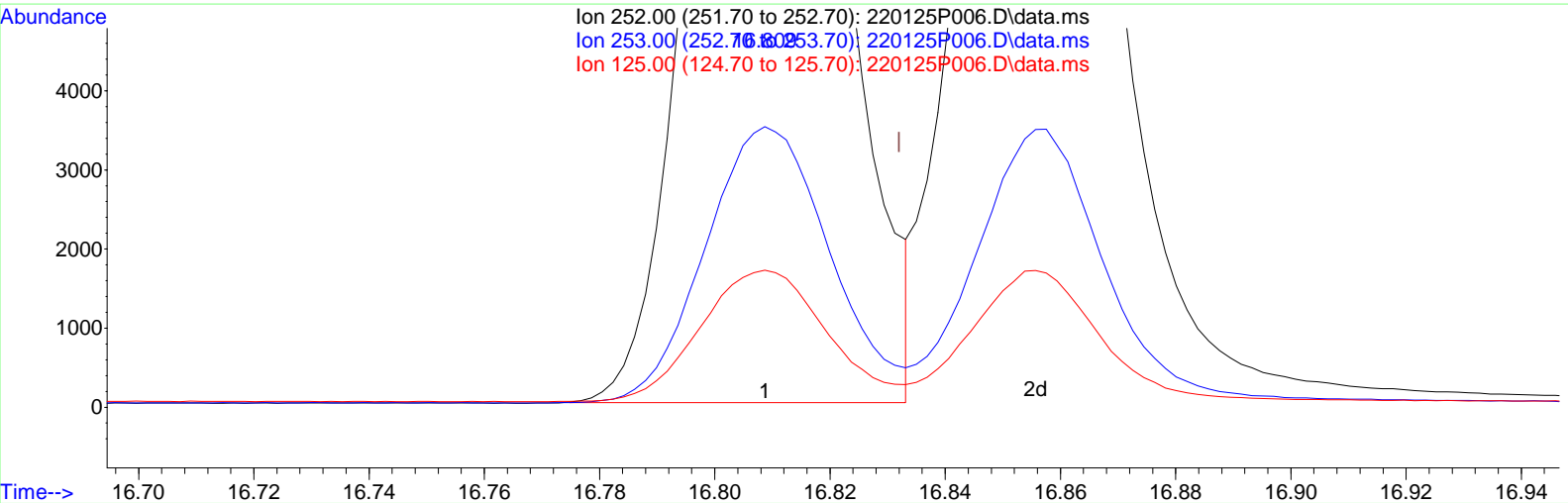
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



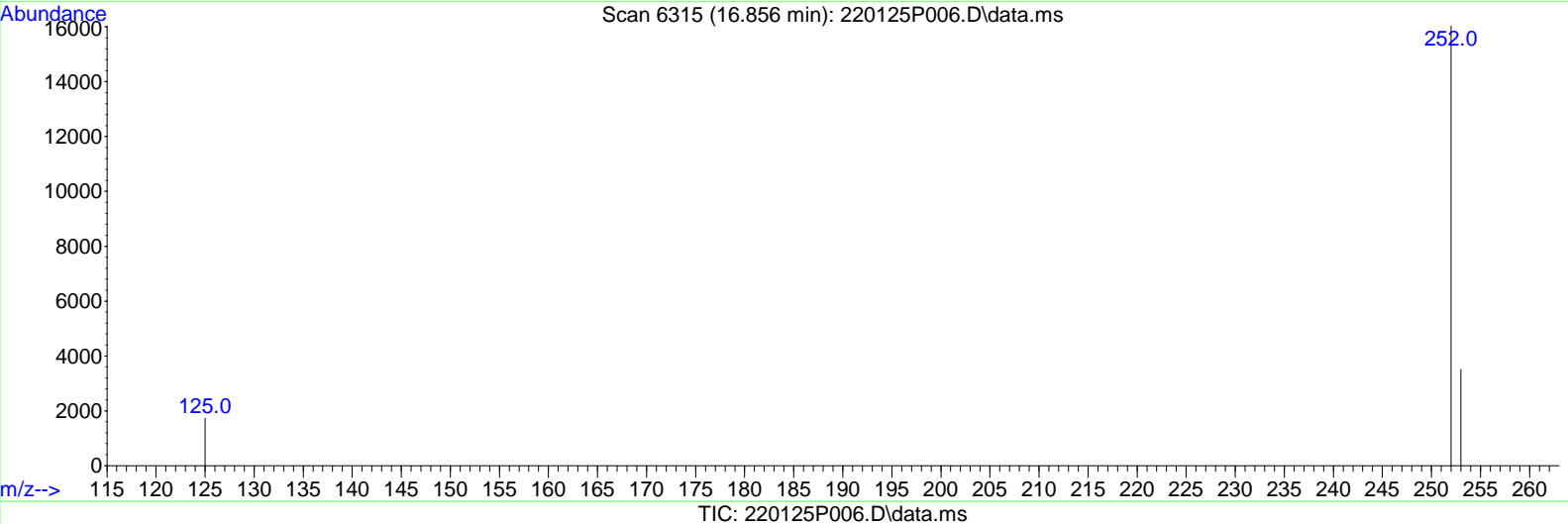
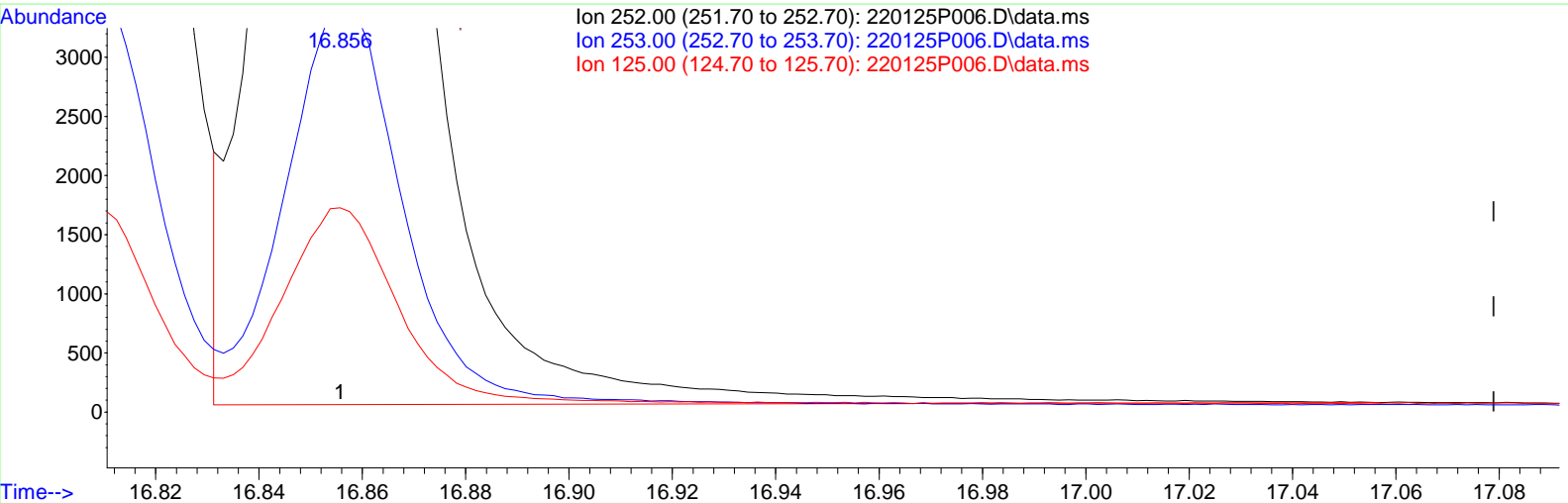
(25) Benzo[b]fluoranthene (T)

16.809min (-0.023) 5.346 ug/ml m

response	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	22.04
125.00	9.90	10.57
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(26) Benzo[k]fluoranthene (T)

16.856min (-0.023) 5.339 ug/ml

response 24997

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	21.62
125.00	9.90	10.33
0.00	0.00	0.00

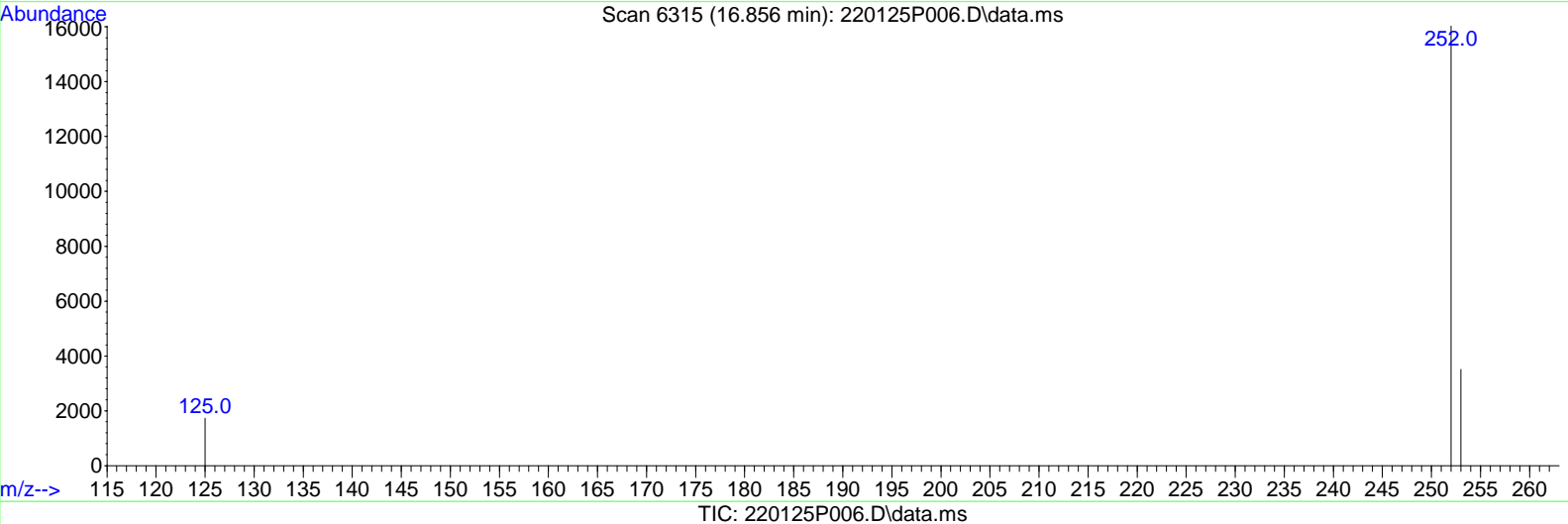
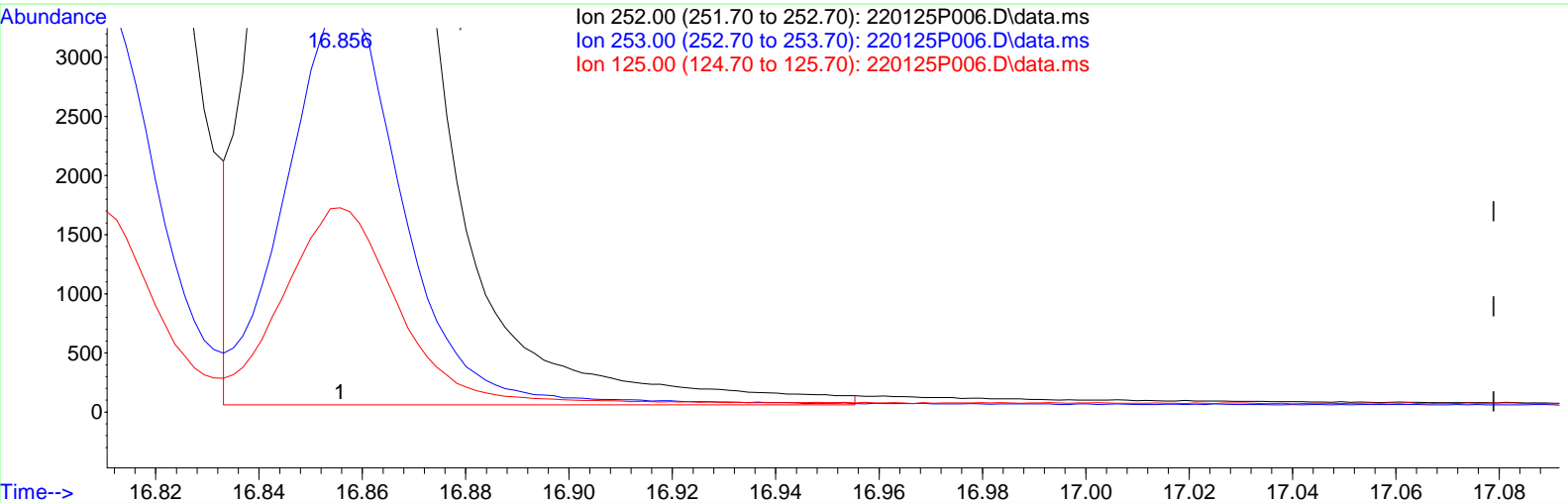
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P006.D
 Acq On : 25 Jan 2022 2:44 pm
 Operator : BDE
 Sample : 4179765LCS/4179769LCS
 Misc : 8270D SIM-1842/1843
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 15:07:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(26) Benzo[k]fluoranthene (T)

16.856min (-0.023) 5.264 ug/ml m

response	24647
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 21.93
125.00	9.90 10.47
0.00	0.00 0.00



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

METHOD BLANK SUMMARY

FORM 4A

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID: 4179764

Method Blank ID: MB for HBN 75676 [EXTj/3286]

Method Blank Lab File ID: 220125P005.D

Date/Time Analyzed: 1/25/2022 14:17

Matrix: WATER

Instrument ID: J7P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
LCS for HBN 75676 [EXTj/3286]	4179765	220125P006.D	1/25/2022	14:44
RSA306-2805-A1006MS	4179766	220125P007.D	1/25/2022	15:11
RSA306-2805-A1006MSD	4179767	220125P008.D	1/25/2022	15:38
RSA306-2805-A1006	J2200963002	220125P009.D	1/25/2022	16:05
RSA306-2806-A1007	J2200963003	220125P010.D	1/25/2022	16:32
RSA306-2807-A1008	J2200963004	220125P011.D	1/25/2022	16:59
RSA306-2342-A1002	J2200963005	220125P012.D	1/25/2022	17:25
RSA306-2342-A1002-FD	J2200963006	220125P013.D	1/25/2022	17:53
RSA306-2343-A1003	J2200963007	220125P014.D	1/25/2022	18:19
RSA306-2344-A1004	J2200963008	220125P015.D	1/25/2022	18:46
RSA306-A8011-ER	J2200963009	220125P016.D	1/25/2022	19:13
RSA306-A9041	J2200963010	220125P017.D	1/25/2022	19:40



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

METHOD BLANK SUMMARY

FORM 4A

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Sample ID:	4179768	Method Blank ID:	MB for HBN 75677 [EXTj/3287]
Method Blank Lab File ID:	220125P005.D	Date/Time Analyzed:	1/25/2022 14:17
Matrix:	WATER	Instrument ID:	J7P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
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Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P009.D
 Acq On : 13 Jan 2022 2:59 pm
 Operator : BDE
 Sample : TUNE
 Misc : 8270C/D/E SIM;LOGXII256A
 ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e

Method : C:\msdchem\1\methods\DFTPP.M
 Title :
 Last Update : Wed Nov 04 17:33:19 2020

Spectrum Information: Scan 560

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	36.2	18304	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	55.1	27856	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	50536	PASS
199	198	5	9	7.4	3715	PASS
275	198	10	30	25.1	12673	PASS
365	198	1	100	2.6	1314	PASS
441	443	0.01	100	77.6	6986	PASS
442	198	40	100	86.4	43656	PASS
443	442	17	23	20.6	9005	PASS

DFTPP.M Thu Jan 13 15:13:24 2022

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P003.D
 Acq On : 14 Jan 2022 11:29 am
 Operator : BDE
 Sample : TUNE
 Misc : 8270C/D/E SIM;LOGXII256A
 ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e

Method : C:\msdchem\1\methods\DFTPP.M
 Title :
 Last Update : Wed Nov 04 17:33:19 2020

Spectrum Information: Scan 560

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	36.0	22368	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	53.2	33032	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	62128	PASS
199	198	5	9	6.9	4303	PASS
275	198	10	30	25.6	15929	PASS
365	198	1	100	2.9	1808	PASS
441	443	0.01	100	79.6	9302	PASS
442	198	40	100	91.2	56640	PASS
443	442	17	23	20.6	11680	PASS

DFTPP.M Mon Jan 17 10:10:21 2022

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P003.D
 Acq On : 25 Jan 2022 1:31 pm
 Operator : BDE
 Sample : TUNE
 Misc : 8270C/D/E SIM-
 ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e

Method : C:\msdchem\1\methods\DFTPP.M
 Title :
 Last Update : Wed Nov 04 17:33:19 2020

Spectrum Information: Scan 558

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.6	18920	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	53.8	26384	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	49048	PASS
199	198	5	9	7.5	3692	PASS
275	198	10	30	26.5	13013	PASS
365	198	1	100	3.3	1596	PASS
441	443	0.01	100	76.1	7461	PASS
442	198	40	100	93.5	45872	PASS
443	442	17	23	21.4	9799	PASS

DFTPP.M Tue Jan 25 13:45:35 2022



Advanced Environmental Laboratories, Inc.

Initial Calibration Data Summary Report FORM 6A

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Calibration Start Date/Time: 1/13/2022 15:31

Instrument ID: J7P

Calibration End Date/Time: 1/13/2022 19:07

CALIBRATION FACTORS

Data Files:	220113P010.D	220113P011.D	220113P012.D	220113P013.D	220113P014.D
	220113P015.D	220113P016.D	220113P017.D	220113P018.D	

Parameter	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	RRF8	RRF9	MEAN	% RSD	CT
1-Methylnaphthalene		0.644	0.636	0.550	0.519	0.558	0.562	0.551	0.542	0.570	7.93	A
2-Fluorobiphenyl		1.519	1.539	1.339	1.279	1.378	1.379	1.322	1.312	1.383	6.92	A
2-Methylnaphthalene-d10		0.587	0.565	0.506	0.469	0.502	0.507	0.487	0.474	0.512	8.25	A
Fluoranthene-d10		1.012	1.051	0.919	0.851	0.893	0.907	0.865	0.842	0.917	8.26	A
Nitrobenzene-d5		0.276	0.284	0.243	0.222	0.241	0.244	0.243	0.239	0.249	8.25	A
p-Terphenyl-d14		0.950	0.942	0.831	0.767	0.835	0.833	0.837	0.820	0.852	7.31	A

Method Path : C:\MSDCHEM\1\METHODS\
 Method File : SIM-220113P-DOD.M
 Title : 8270 PAH SIM
 Last Update : Fri Jan 14 10:25:29 2022
 Response Via : Initial Calibration

Calibration Files

1 =220113P010.D 2 =220113P011.D 3 =220113P012.D 4 =220113P013.D 5 =220113P014.D 6
 7 =220113P016.D 8 =220113P017.D 9 =220113P018.D

Compound	1	2	3	4	5	6	7	8	9	Avg	%RSD
1) I Naphthalene-d8 (IS)	-----ISTD-----										
2) S Nitrobenzene-d5		0.276	0.284	0.243	0.222	0.241	0.244	0.243	0.239	0.249	8.25
3) T Naphthalene		1.039	1.001	0.880	0.832	0.901	0.905	0.880	0.861	0.912	7.77
4) S 2-Methylnaphth...		0.587	0.565	0.506	0.469	0.502	0.507	0.487	0.474	0.512	8.25
5) T 2-Methylnaphth...		0.671	0.636	0.575	0.538	0.584	0.584	0.564	0.558	0.589	7.39
6) T 1-Methylnaphth...		0.644	0.636	0.550	0.519	0.558	0.562	0.551	0.542	0.570	7.93
7) I Acenaphthene-d10 (IS)	-----ISTD-----										
8) S 2-Fluorobiphenyl		1.519	1.539	1.339	1.279	1.378	1.379	1.322	1.312	1.383	6.92
9) T Acenaphthylene		2.206	2.152	1.877	1.781	1.894	1.938	1.923	1.882	1.957	7.44
10) T Acenaphthene		1.090	1.126	0.972	0.912	0.975	0.980	0.964	0.956	0.997	7.26
11) T Dibenzofuran		1.785	1.797	1.572	1.492	1.608	1.619	1.611	1.588	1.634	6.42
12) T Fluorene		1.425	1.436	1.240	1.178	1.251	1.258	1.236	1.236	1.283	7.35
13) I Phenanthrene-d10 (IS)	-----ISTD-----										
14) T Phenanthrene		1.077	1.071	0.940	0.869	0.932	0.943	0.911	0.897	0.955	8.11
15) T Anthracene		1.038	1.041	0.912	0.846	0.901	0.908	0.867	0.859	0.921	8.33
16) T Carbazole		1.038	1.057	0.917	0.843	0.898	0.901	0.868	0.866	0.924	8.66
17) S Fluoranthene-d10		1.012	1.051	0.919	0.851	0.893	0.907	0.865	0.842	0.917	8.26
18) T Fluoranthene		1.280	1.311	1.113	1.029	1.086	1.086	1.051	1.045	1.125	9.65
19) I Chrysene-d12 (IS)	-----ISTD-----										
20) T Pyrene		1.418	1.489	1.251	1.153	1.252	1.243	1.259	1.257	1.290	8.37
21) S p-Terphenyl-d14		0.950	0.942	0.831	0.767	0.835	0.833	0.837	0.820	0.852	7.31
22) T Benzo[a]anthra...		1.592	1.418	1.203	1.113	1.187	1.201	1.212	1.193	1.265	12.51
23) T Chrysene		1.330	1.300	1.122	1.056	1.138	1.140	1.161	1.153	1.175	7.89
24) I Perylene-d12 (IS)	-----ISTD-----										
25) T Benzo[b]fluora...	1.685	1.317	1.312	1.160	1.079	1.132	1.140	1.123	1.110	1.229	15.57
26) T Benzo[k]fluora...		1.329	1.315	1.165	1.074	1.143	1.154	1.134	1.143	1.182	7.66
27) T Benzo[a]pyrene		1.304	1.284	1.109	1.034	1.112	1.140	1.150	1.129	1.158	7.89
28) T Indeno(1,2,3-c...		1.222	1.244	1.077	1.019	1.092	1.132	1.120	1.103	1.126	6.61
29) T Dibenzo[a,h]an...		1.189	1.184	1.056	0.990	1.062	1.101	1.092	1.080	1.094	6.05
30) T Benzo[g,h,i]pe...		1.383	1.340	1.160	1.100	1.166	1.204	1.167	1.143	1.208	8.25

(#) = Out of Range

SIM-220113P-DOD.M Fri Jan 14 10:26:58 2022

Method Path : C:\MSDCHEM\1\METHODS\
 Method File : SIM-220113P-DOD.M
 Title : 8270 PAH SIM
 Last Update : Fri Jan 14 10:25:29 2022
 Response Via : Initial Calibration

Total Cpnds : 30

PK#		Compound Name	QIon	Exp_RT	Rel_RT	Cal	#Qual	A/H	ID
1	I	Naphthalene-d8 (IS)	136	4.108	1.000	A	2	A	B
2	S	Nitrobenzene-d5	82	2.839	0.691	A	2	A	B
3	T	Naphthalene	128	4.159	1.012	A	2	A	B
4	S	2-Methylnaphthalene-d10	152	5.674	1.381	A	2	A	B
5	T	2-Methylnaphthalene	142	5.746	1.399	A	2	A	B
6	T	1-Methylnaphthalene	142	5.963	1.452	A	2	A	B
7	I	Acenaphthene-d10 (IS)	164	7.951	1.000	A	2	A	B
8	S	2-Fluorobiphenyl	172	6.596	0.830	A	2	A	B
9	T	Acenaphthylene	152	7.655	0.963	A	2	A	B
10	T	Acenaphthene	154	8.012	1.008	A	2	A	B
11	T	Dibenzofuran	168	8.360	1.051	A	2	A	B
12	T	Fluorene	166	9.012	1.133	A	2	A	B
13	I	Phenanthrene-d10 (IS)	188	10.677	1.000	A	3	A	B
14	T	Phenanthrene	178	10.716	1.004	A	2	A	B
15	T	Anthracene	178	10.804	1.012	A	2	A	B
16	T	Carbazole	167	11.107	1.040	A	2	A	B
17	S	Fluoranthene-d10	212	12.688	1.188	A	2	A	B
18	T	Fluoranthene	202	12.719	1.191	A	2	A	B
19	I	Chrysene-d12 (IS)	240	15.079	1.000	A	2	A	B
20	T	Pyrene	202	13.080	0.867	A	2	A	B
21	S	p-Terphenyl-d14	244	13.404	0.889	A	2	A	B
22	T	Benzo[a]anthracene	228	15.064	0.999	Q	2	A	B
23	T	Chrysene	228	15.122	1.003	A	2	A	B
24	I	Perylene-d12 (IS)	264	17.497	1.000	A	3	A	B
25	T	Benzo[b]fluoranthene	252	16.832	0.962	Q	2	A	B
26	T	Benzo[k]fluoranthene	252	16.879	0.965	A	2	A	B
27	T	Benzo[a]pyrene	252	17.397	0.994	A	2	A	B
28	T	Indeno(1,2,3-cd)pyrene	276	19.839	1.134	A	2	A	B
29	T	Dibenzo[a,h]anthracene	278	19.926	1.139	A	2	A	B
30	T	Benzo[g,h,i]perylene	276	20.532	1.173	A	2	A	B

Cal A = Average L = Linear LO = Linear w/origin Q = Quad QO = Quad w/origin

#Qual = number of qualifiers

A/H = Area or Height

ID R = R.T. B = R.T. & Q Q = Qvalue L = Largest A = All

SIM-220113P-DOD.M Fri Jan 14 10:27:16 2022

Method Path : C:\MSDCHEM\1\METHODS\
 Method File : SIM-220113P-DOD.M
 Title : 8270 PAH SIM
 Last Update : Fri Jan 14 10:25:29 2022
 Response Via : Initial Calibration

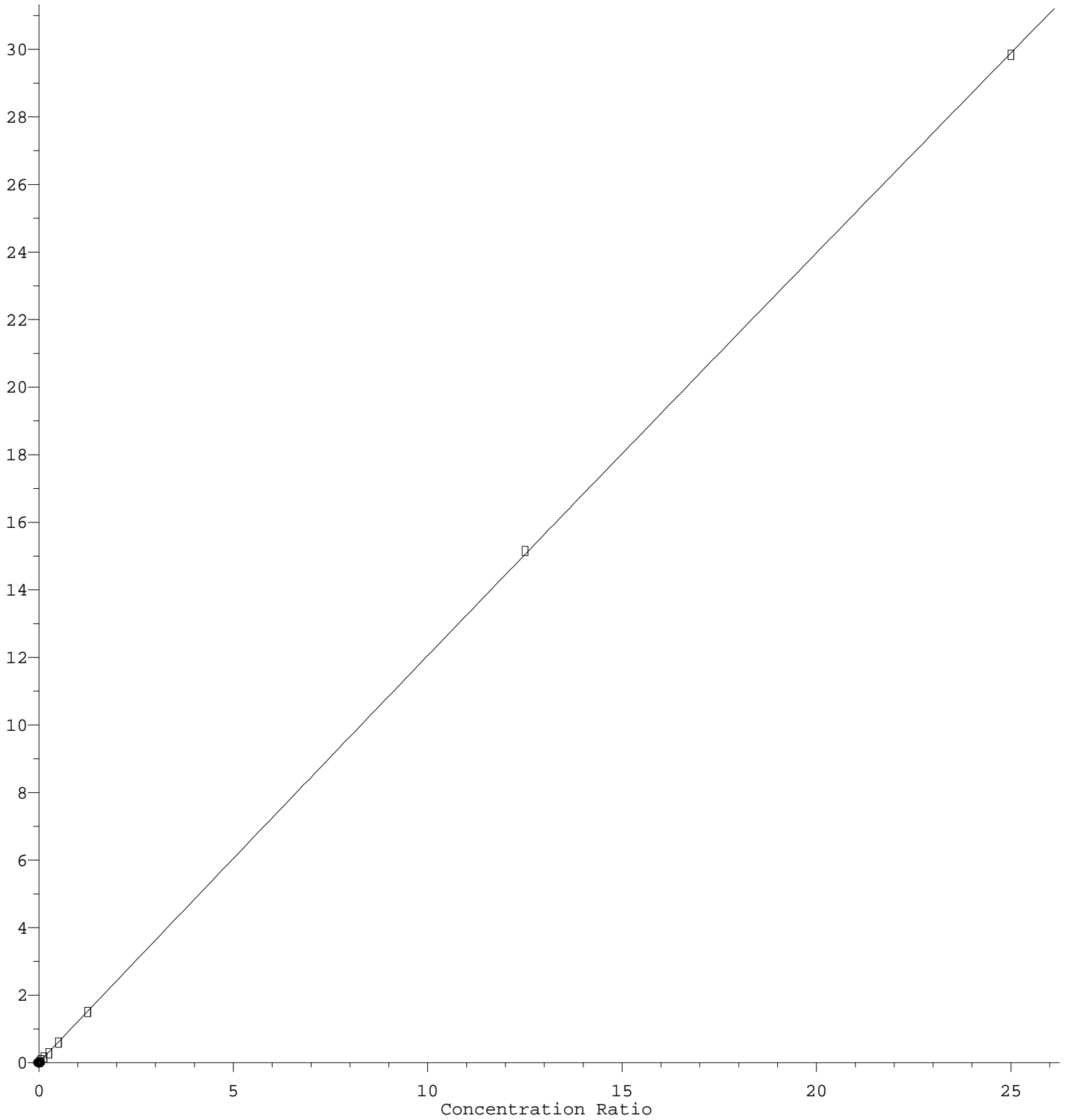
#	ID	Conc	ISTD Conc	Path\File
1	1	-1	4	C:\msdchem\1\data\220113P\220113P010.D
2	2	0	4	C:\msdchem\1\data\220113P\220113P011.D
3	3	0	4	C:\msdchem\1\data\220113P\220113P012.D
4	4	1	4	C:\msdchem\1\data\220113P\220113P013.D
5	5	1	4	C:\msdchem\1\data\220113P\220113P014.D
6	6	2	4	C:\msdchem\1\data\220113P\220113P015.D
7	7	5	4	C:\msdchem\1\data\220113P\220113P016.D
8	8	50	4	C:\msdchem\1\data\220113P\220113P017.D
9	9	100	4	C:\msdchem\1\data\220113P\220113P018.D

#	ID	Update Time	Quant Time	Acquisition Time
1	1	Jan 14 10:25 2022	Jan 14 10:06 2022	13 Jan 2022 3:31 pm
2	2	Jan 14 10:25 2022	Jan 14 10:10 2022	13 Jan 2022 3:58 pm
3	3	Jan 14 10:25 2022	Jan 14 10:15 2022	13 Jan 2022 4:25 pm
4	4	Jan 14 10:25 2022	Jan 14 10:16 2022	13 Jan 2022 4:52 pm
5	5	Jan 14 10:25 2022	Jan 14 10:17 2022	13 Jan 2022 5:19 pm
6	6	Jan 14 10:25 2022	Jan 14 10:18 2022	13 Jan 2022 5:46 pm
7	7	Jan 14 10:25 2022	Jan 14 10:19 2022	13 Jan 2022 6:13 pm
8	8	Jan 14 10:25 2022	Jan 14 10:21 2022	13 Jan 2022 6:40 pm
9	9	Jan 14 10:25 2022	Jan 14 10:24 2022	13 Jan 2022 7:07 pm

SIM-220113P-DOD.M Fri Jan 14 10:26:43 2022

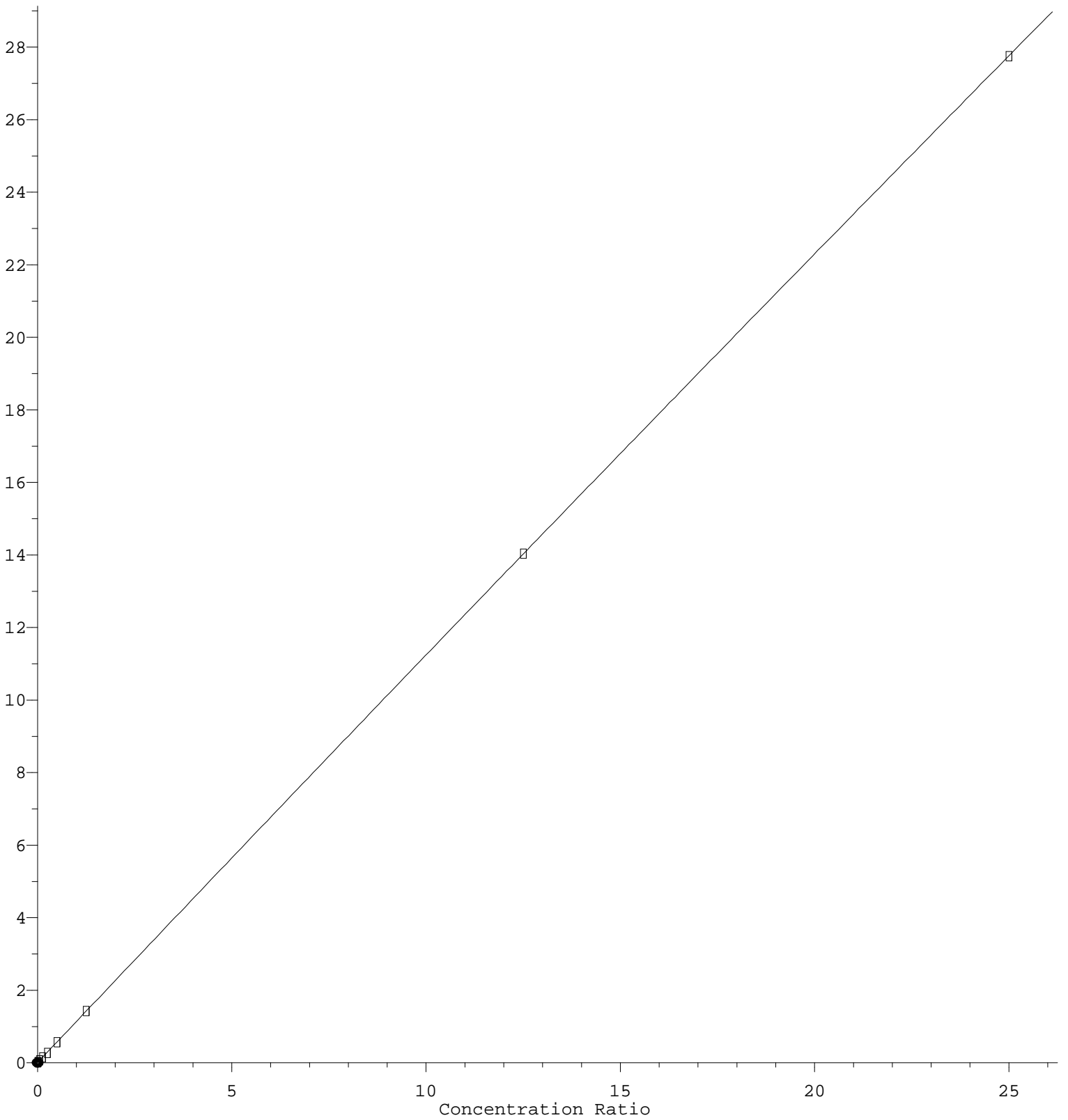
Benzo[a]anthracene

Response Ratio



Benzo[b]fluoranthene

Response Ratio



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P010.D
 Acq On : 13 Jan 2022 3:31 pm
 Operator : BDE
 Sample : ICAL 1
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 10:05:52 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE

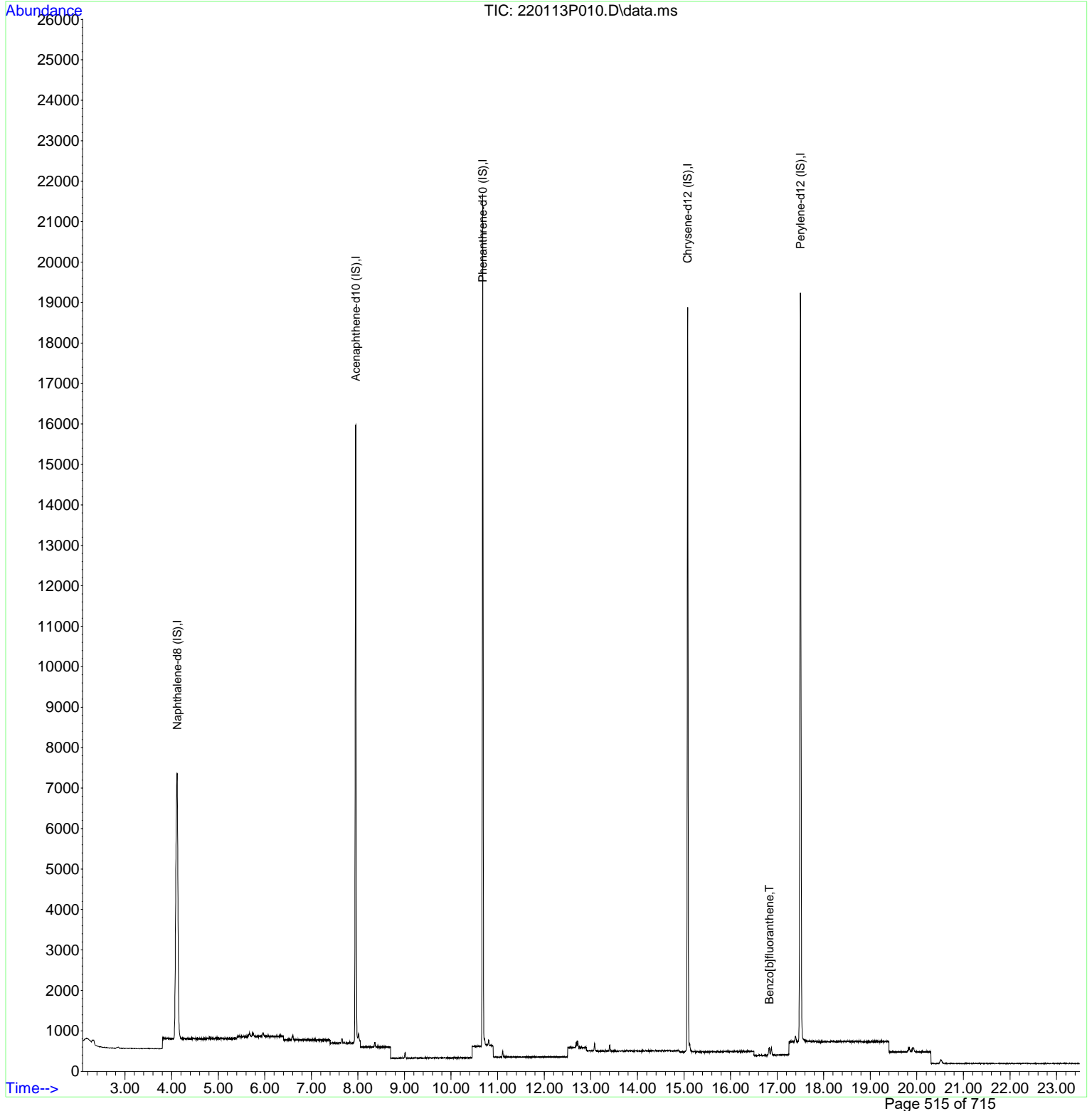
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Naphthalene-d8 (IS)	4.117	136	18057	4.000	ug/ml	0.00	
7) Acenaphthene-d10 (IS)	7.953	164	9255m	4.000	ug/ml	0.00	
13) Phenanthrene-d10 (IS)	10.678	188	18397	4.000	ug/ml	0.00	
19) Chrysene-d12 (IS)	15.079	240	16973	4.000	ug/ml	0.00	
24) Perylene-d12 (IS)	17.501	264	19083	4.000	ug/ml	0.00	
System Monitoring Compounds							
2) Nitrobenzene-d5	0.000	82	0d	0.000	ug/ml		
4) 2-Methylnaphthalene-d10	0.000	152	0	0.000	ug/ml		
8) 2-Fluorobiphenyl	0.000	172	0d	0.000	ug/ml		
17) Fluoranthene-d10	0.000	212	0d	0.000	ug/ml		
21) p-Terphenyl-d14	0.000	244	0d	0.000	ug/ml		
Target Compounds							
							Qvalue
3) Naphthalene	0.000		0	N.D.	d		
5) 2-Methylnaphthalene	0.000		0	N.D.	d		
6) 1-Methylnaphthalene	0.000		0	N.D.			
9) Acenaphthylene	0.000		0	N.D.	d		
10) Acenaphthene	0.000		0	N.D.	d		
11) Dibenzofuran	0.000		0	N.D.	d		
12) Fluorene	0.000		0	N.D.	d		
14) Phenanthrene	0.000		0	N.D.			
15) Anthracene	0.000		0	N.D.			
16) Carbazole	0.000		0	N.D.	d		
18) Fluoranthene	0.000		0	N.D.	d		
20) Pyrene	0.000		0	N.D.	d		
22) Benzo[a]anthracene	0.000		0	N.D.	d		
23) Chrysene	0.000		0	N.D.	d		
25) Benzo[b]fluoranthene	16.831	252	201	0.026	ug/ml		76
26) Benzo[k]fluoranthene	0.000		0	N.D.	d		
27) Benzo[a]pyrene	0.000		0	N.D.	d		
28) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d		
29) Dibenzo[a,h]anthracene	0.000		0	N.D.	d		
30) Benzo[g,h,i]perylene	0.000		0	N.D.	d		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

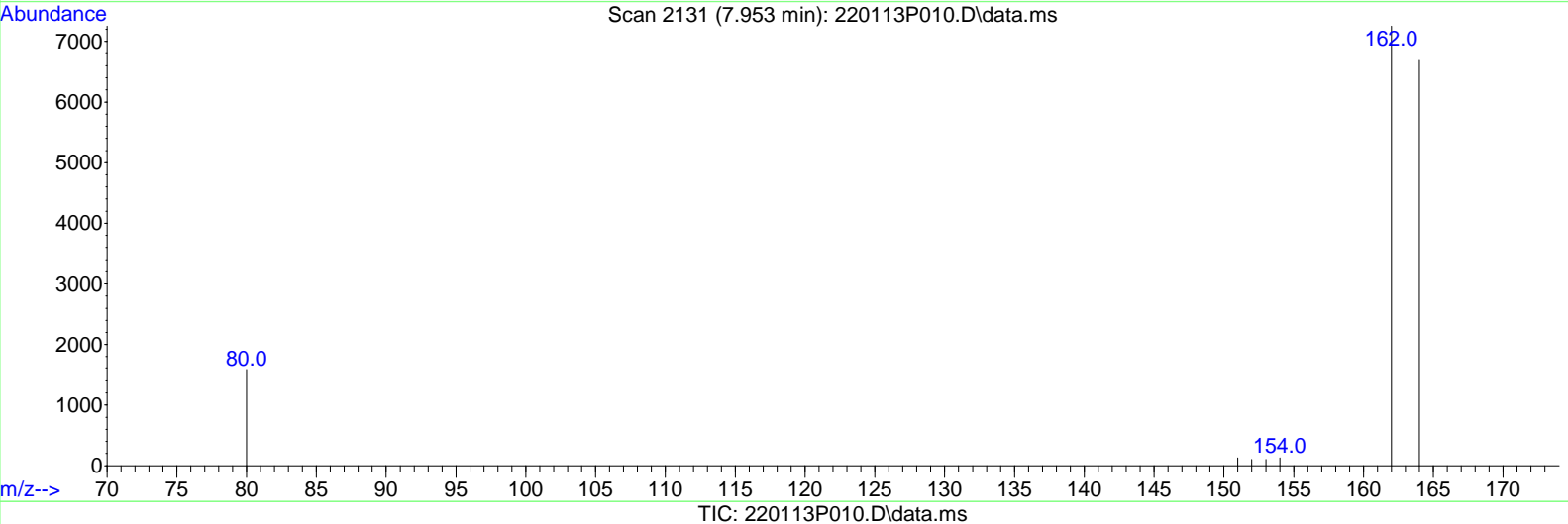
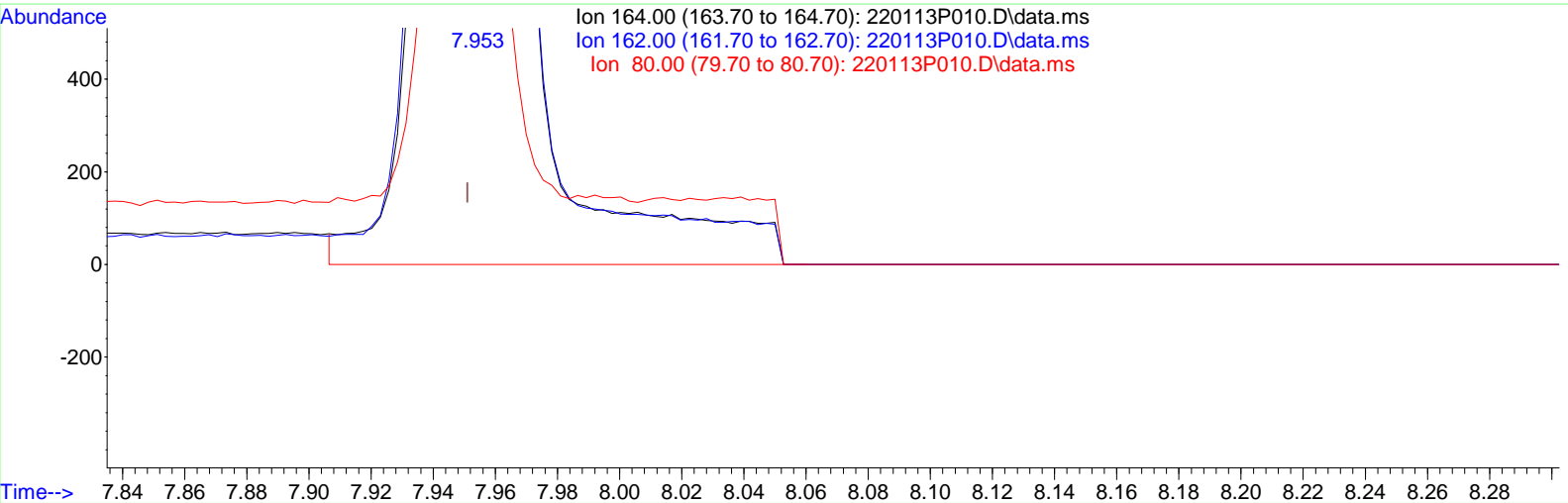
Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P010.D
 Acq On : 13 Jan 2022 3:31 pm
 Operator : BDE
 Sample : ICAL 1
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 10:05:52 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P010.D
 Acq On : 13 Jan 2022 3:31 pm
 Operator : BDE
 Sample : ICAL 1
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 10:05:52 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(7) Acenaphthene-d10 (IS) (I)

7.953min (+ 0.002) 4.000 ug/ml

response 9651

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.70	108.56
80.00	22.00	21.45
0.00	0.00	0.00

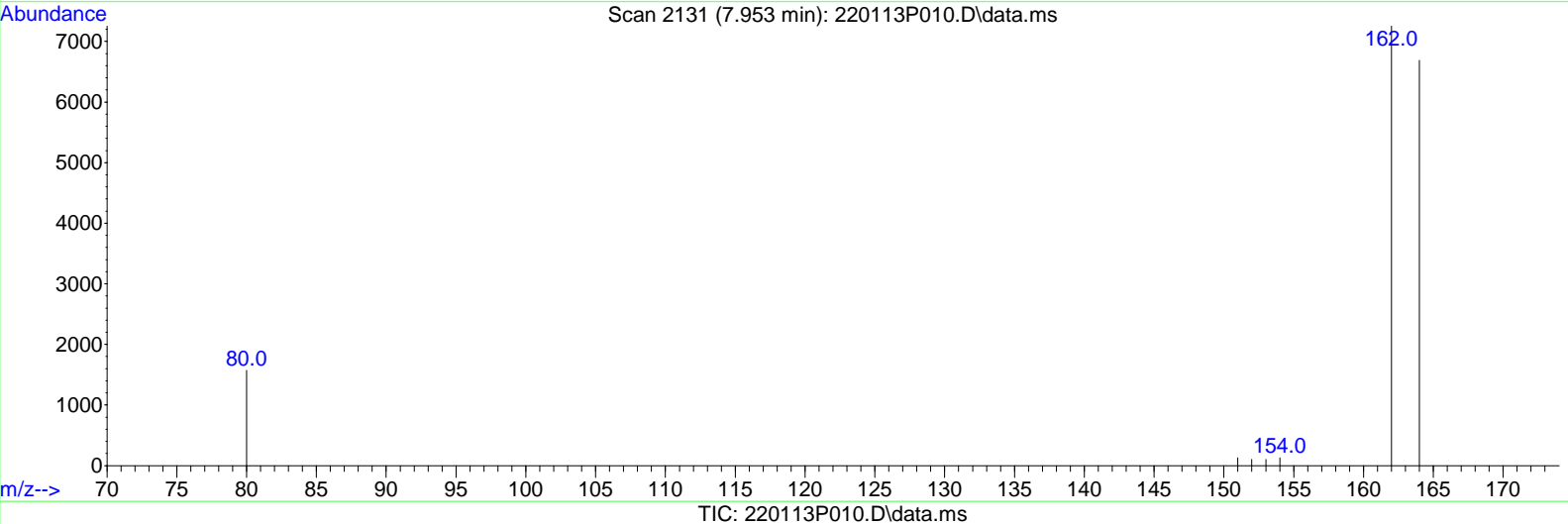
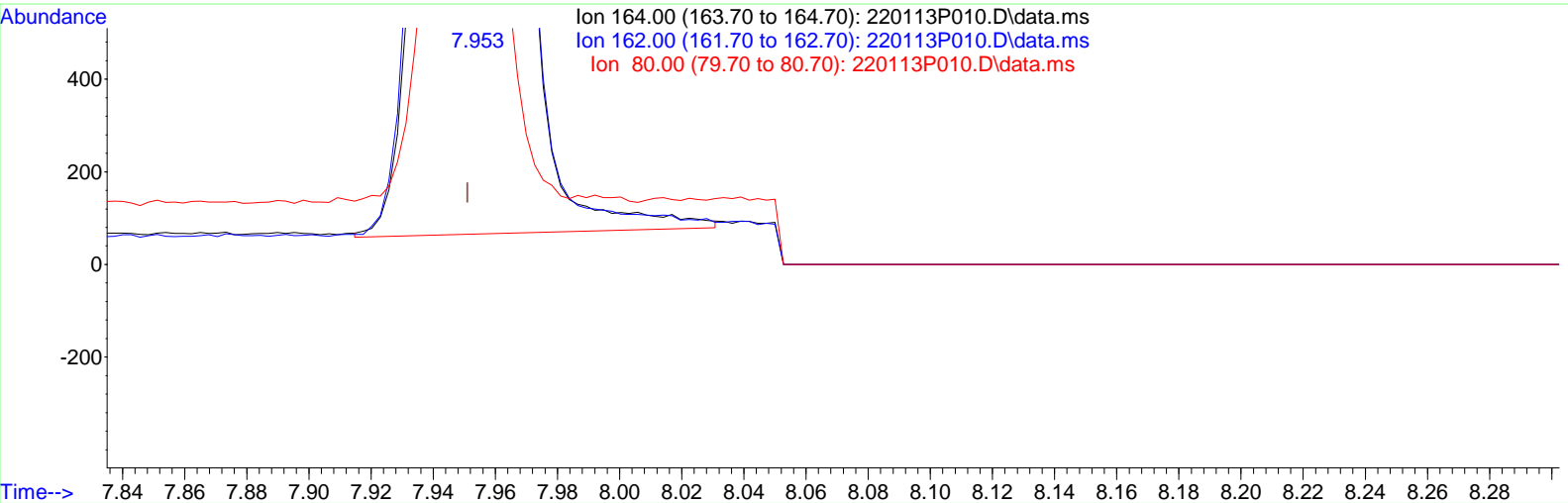
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P010.D
 Acq On : 13 Jan 2022 3:31 pm
 Operator : BDE
 Sample : ICAL 1
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 10:05:52 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



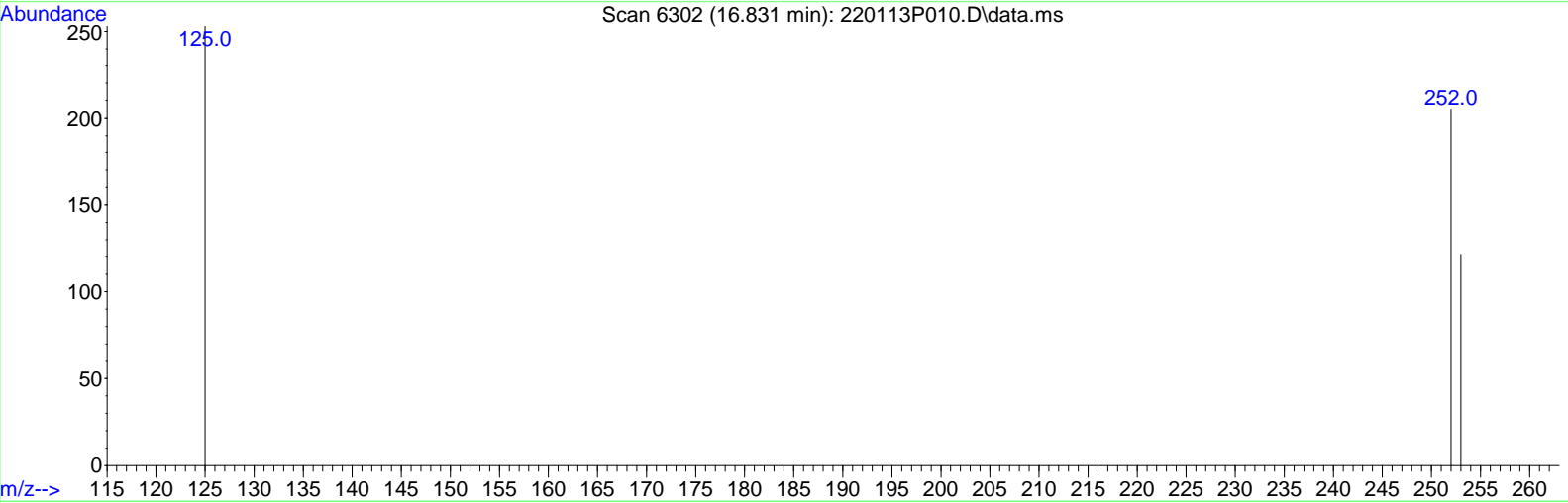
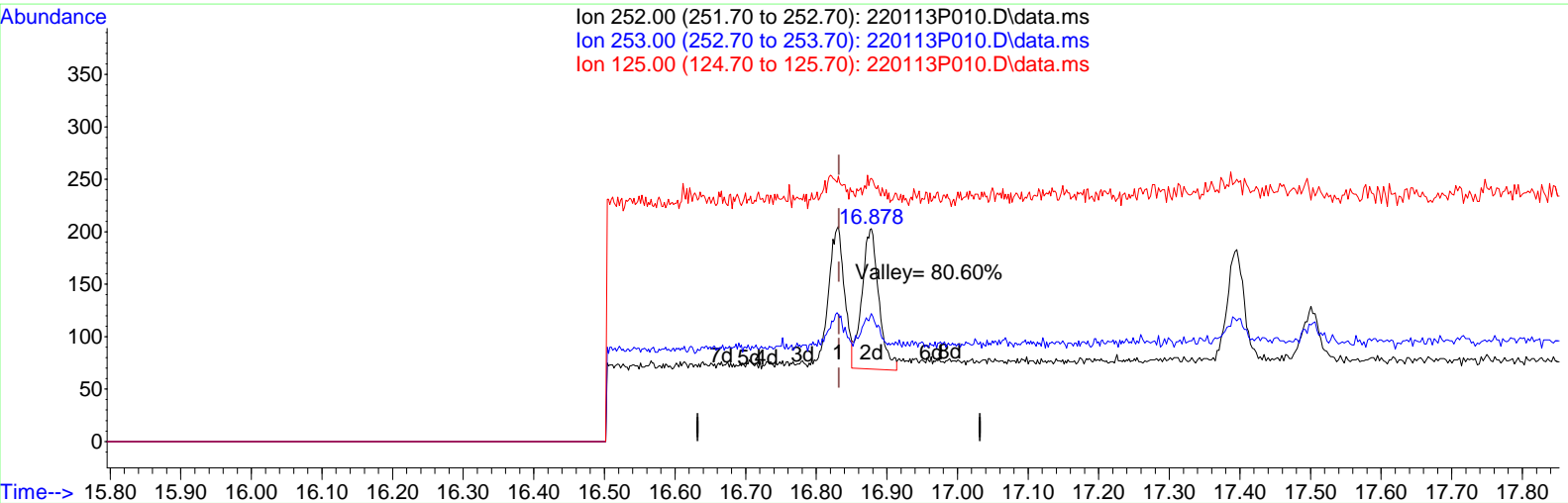
(7) Acenaphthene-d10 (IS) (I)

7.953min (+ 0.002) 4.000 ug/ml m

response	9255
Ion	Exp% Act%
164.00	100.00 100.00
162.00	106.70 113.20
80.00	22.00 22.37
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P010.D
 Acq On : 13 Jan 2022 3:31 pm
 Operator : BDE
 Sample : ICAL 1
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 10:05:52 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



TIC: 220113P010.D\data.ms

(25) Benzo[b]fluoranthene (T)

16.831min (-0.001) 0.026 ug/ml

response	201
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 32.84
125.00	9.90 21.39
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

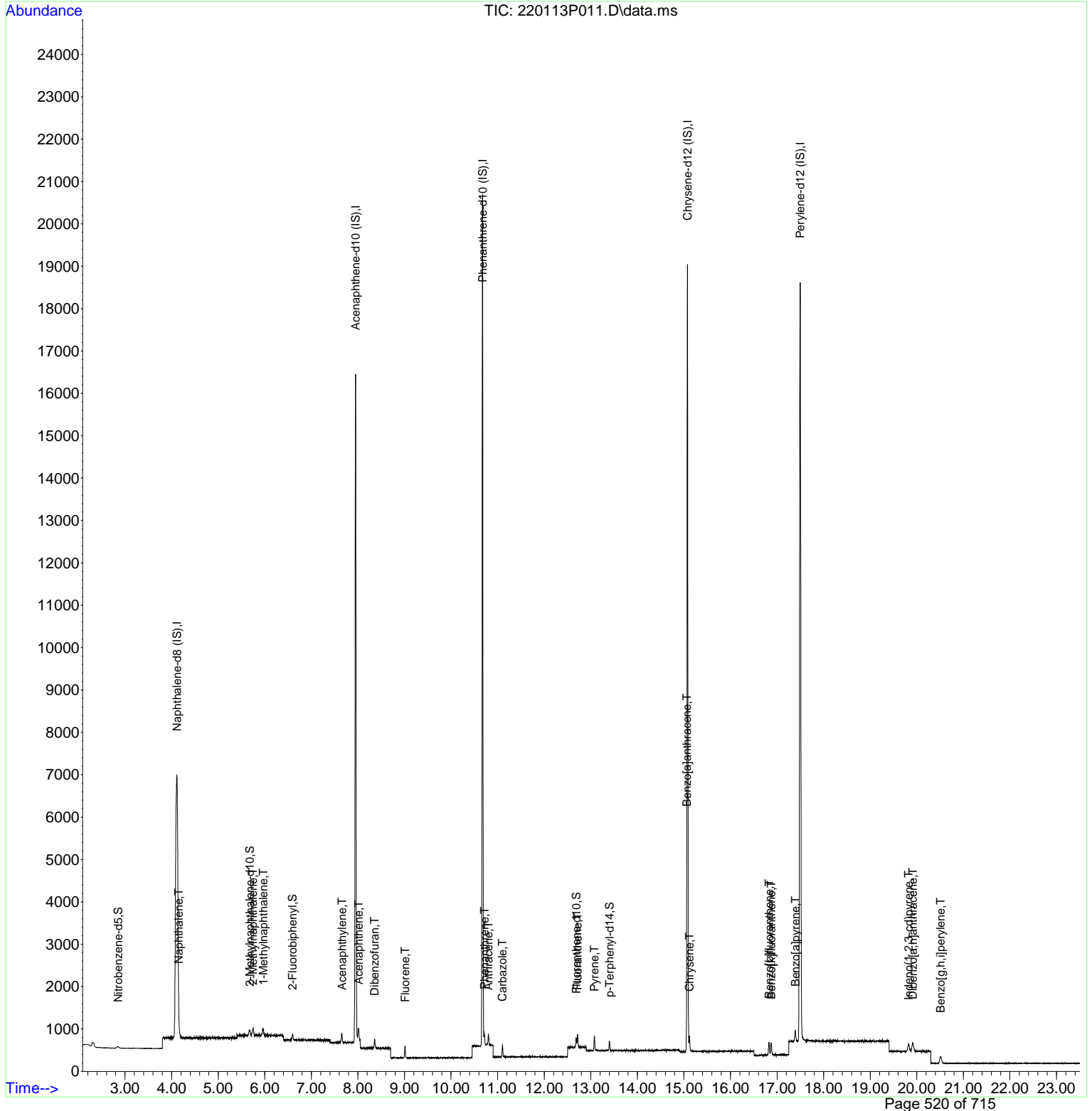
Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8 (IS)	4.113	136	18252	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.951	164	9322m	4.000	ug/ml	0.00
13) Phenanthrene-d10 (IS)	10.677	188	18501	4.000	ug/ml	0.00
19) Chrysene-d12 (IS)	15.076	240	17438	4.000	ug/ml	0.00
24) Perylene-d12 (IS)	17.497	264	19443	4.000	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	2.850	82	63m	0.055	ug/ml	0.01
4) 2-Methylnaphthalene-d10	5.676	152	134	0.056	ug/ml	0.00
8) 2-Fluorobiphenyl	6.596	172	177	0.056	ug/ml	0.00
17) Fluoranthene-d10	12.685	212	234	0.055	ug/ml	0.00
21) p-Terphenyl-d14	13.402	244	207	0.055	ug/ml	0.00
Target Compounds						
						Qvalue
3) Naphthalene	4.154	128	237	0.057	ug/ml#	69
5) 2-Methylnaphthalene	5.746	142	153m	0.057	ug/ml	
6) 1-Methylnaphthalene	5.968	142	147m	0.057	ug/ml	
9) Acenaphthylene	7.655	152	257	0.056	ug/ml#	84
10) Acenaphthene	8.014	154	127m	0.055	ug/ml	
11) Dibenzofuran	8.358	168	208	0.055	ug/ml#	100
12) Fluorene	9.010	166	166m	0.056	ug/ml	
14) Phenanthrene	10.716	178	249m	0.056	ug/ml	
15) Anthracene	10.801	178	240m	0.056	ug/ml	
16) Carbazole	11.103	167	240	0.056	ug/ml#	89
18) Fluoranthene	12.714	202	296	0.057	ug/ml	98
20) Pyrene	13.077	202	309m	0.054	ug/ml	
22) Benzo[a]anthracene	15.062	228	347	0.053	ug/ml	98
23) Chrysene	15.118	228	290m	0.057	ug/ml	
25) Benzo[b]fluoranthene	16.826	252	320	0.046	ug/ml	97
26) Benzo[k]fluoranthene	16.873	252	323	0.057	ug/ml	89
27) Benzo[a]pyrene	17.392	252	317	0.057	ug/ml	100
28) Indeno(1,2,3-cd)pyrene	19.822	276	297	0.055	ug/ml	93
29) Dibenzo[a,h]anthracene	19.914	278	289	0.055	ug/ml#	56
30) Benzo[g,h,i]perylene	20.511	276	336	0.057	ug/ml	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

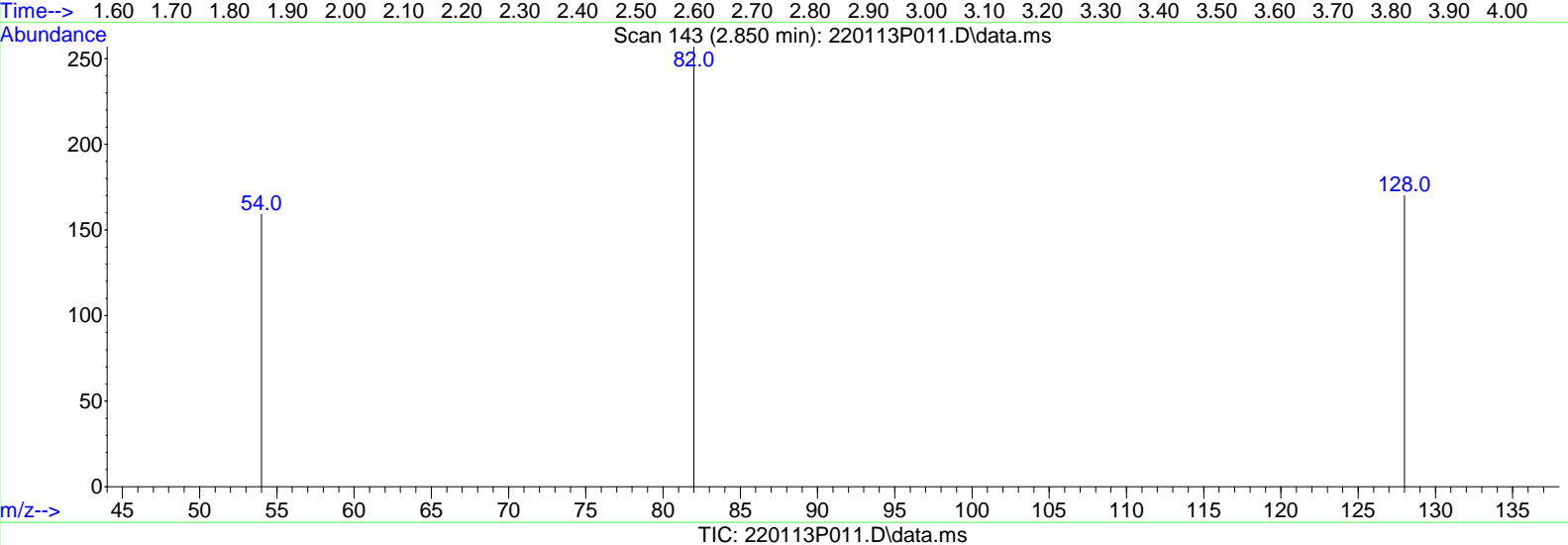
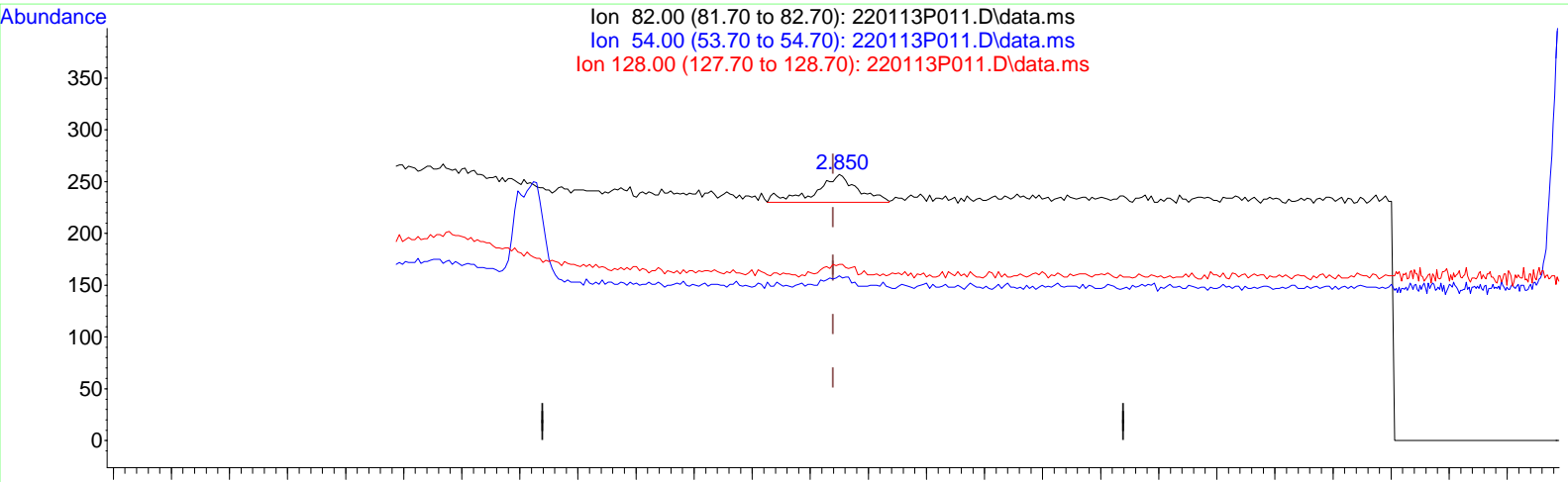
Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(2) Nitrobenzene-d5 (S)

2.850min (+ 0.011) 0.116 ug/ml

response 133

Ion	Exp%	Act%
82.00	100.00	100.00
54.00	43.40	33.08
128.00	44.70	31.58
0.00	0.00	0.00

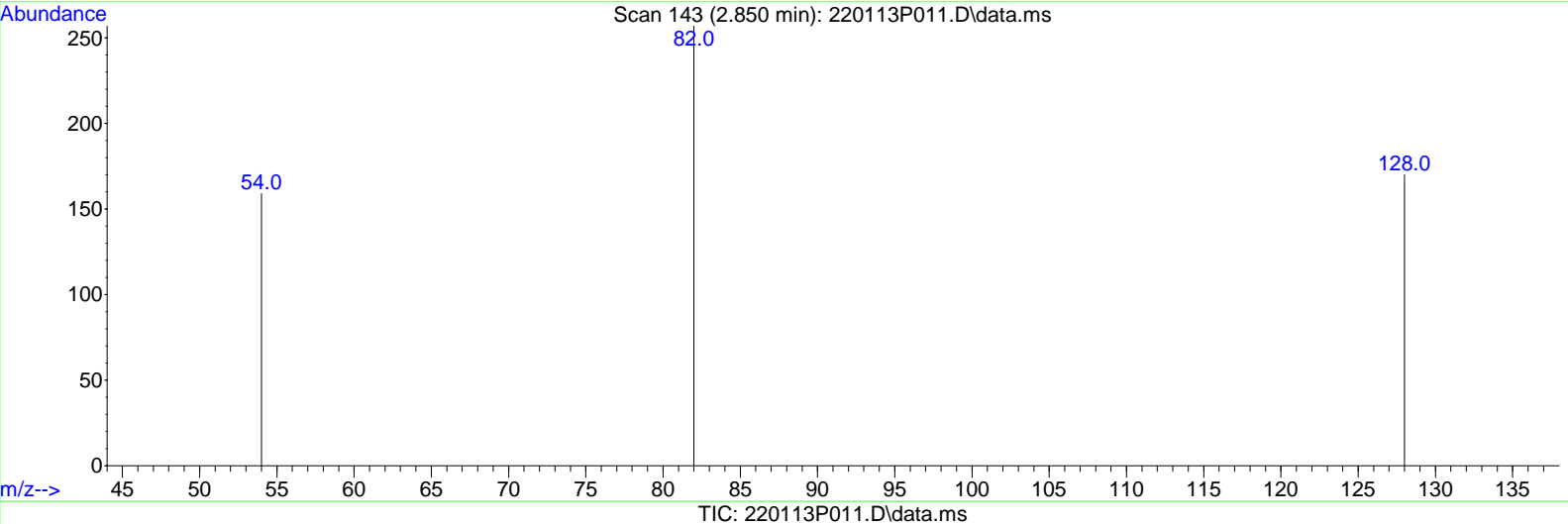
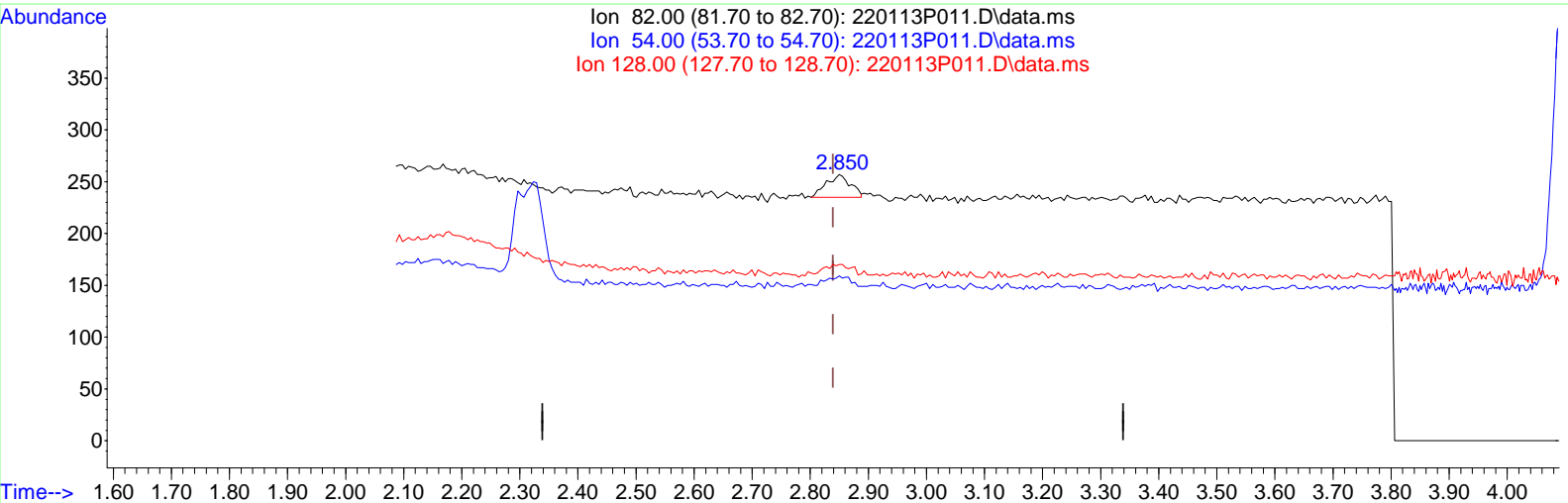
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(2) Nitrobenzene-d5 (S)

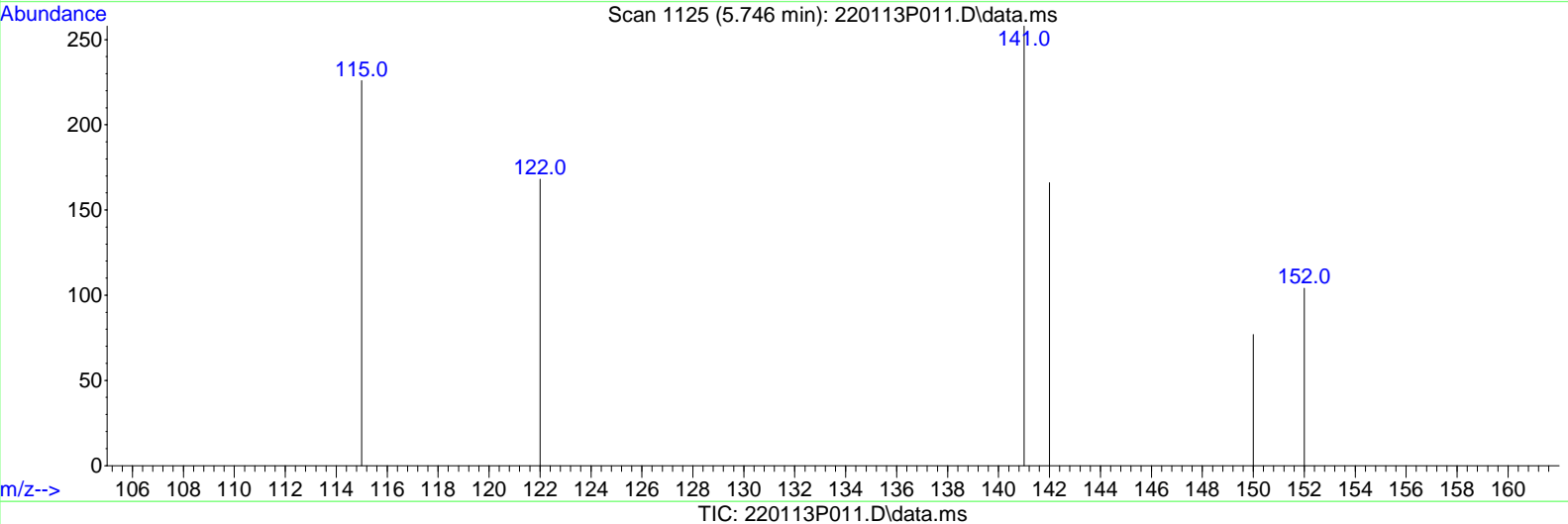
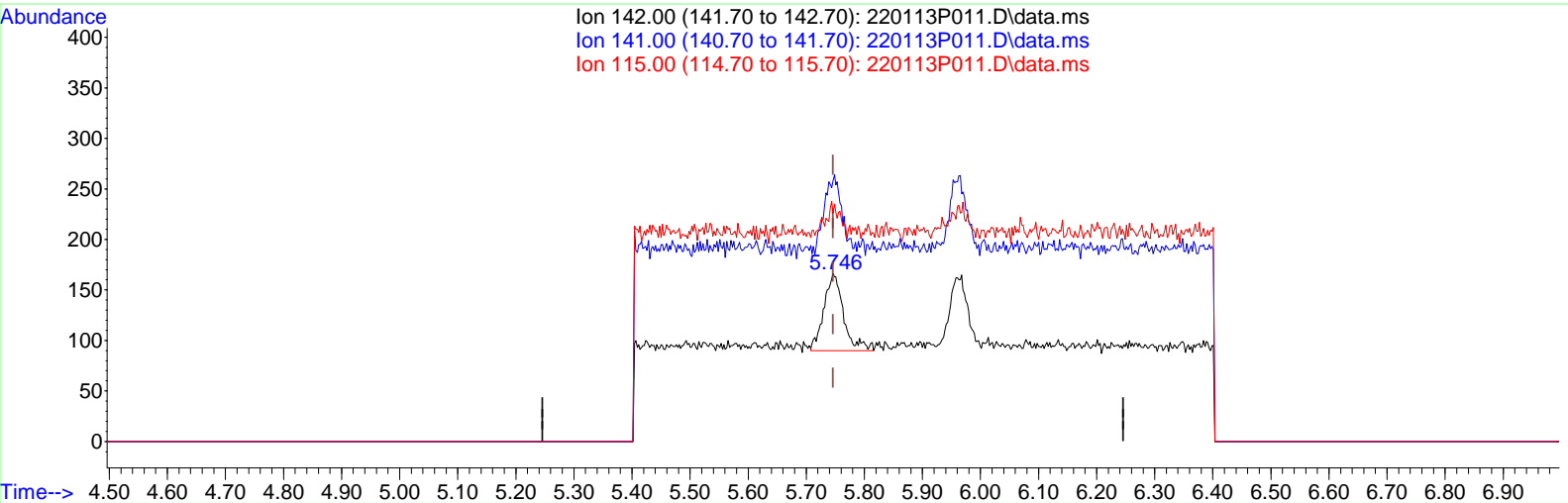
2.850min (+ 0.011) 0.055 ug/ml m

response 63

Ion	Exp%	Act%
82.00	100.00	100.00
54.00	43.40	69.84
128.00	44.70	66.67
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(5) 2-Methylnaphthalene (T)

5.746min (+ 0.000) 0.067 ug/ml

response 178

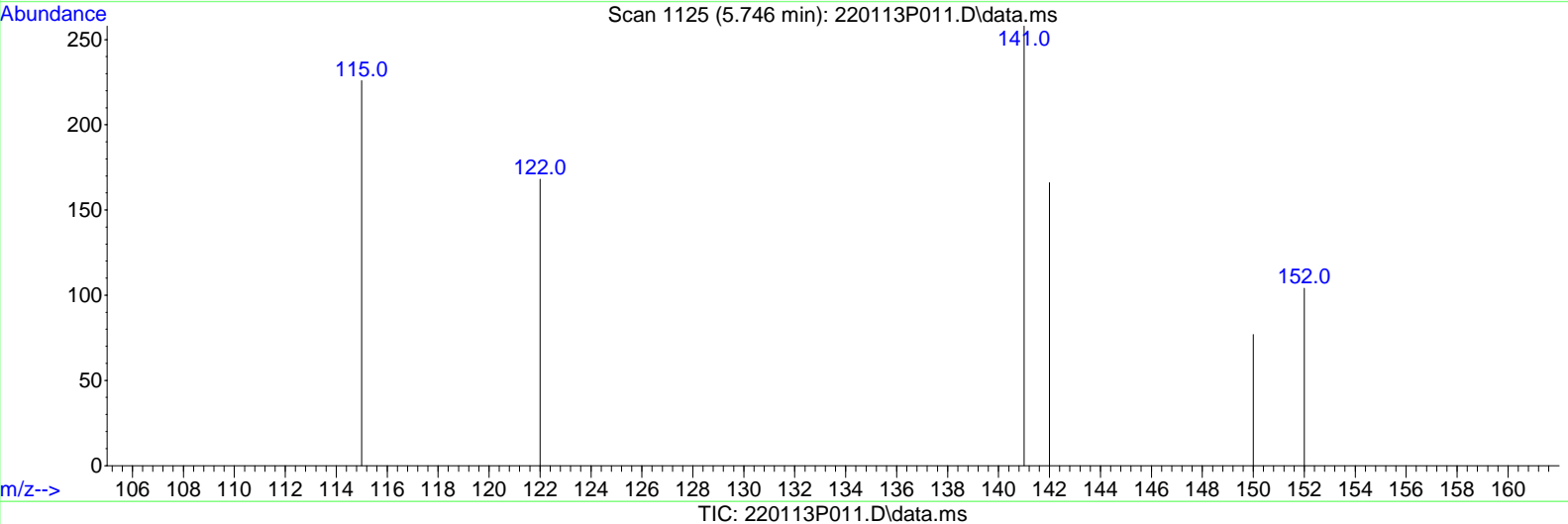
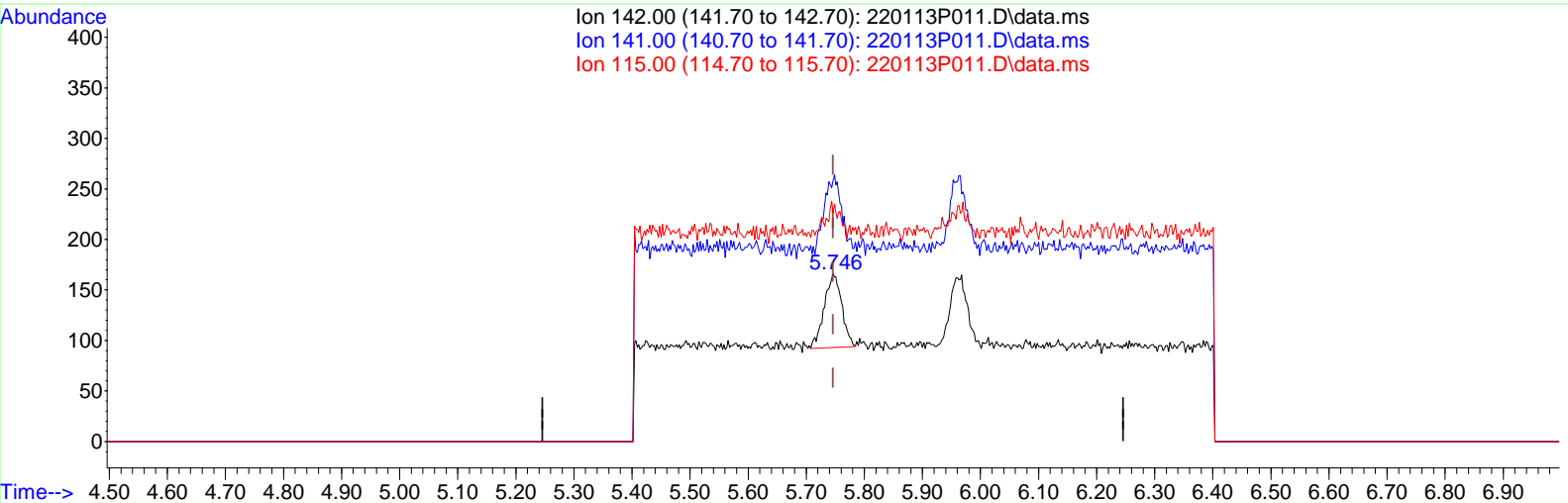
Ion	Exp%	Act%
142.00	100.00	100.00
141.00	90.70	96.63
115.00	28.40	0.00
0.00	0.00	0.00

Manual Integration Reasons

1. BaseLine Smoothing
 Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(5) 2-Methylnaphthalene (T)

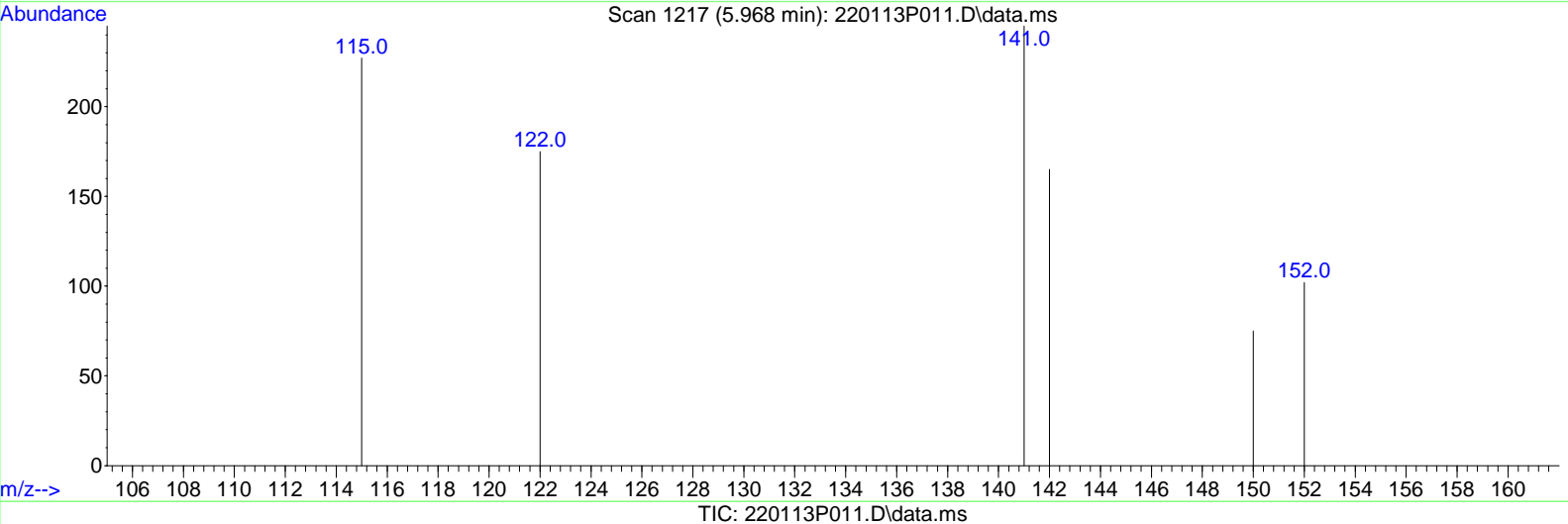
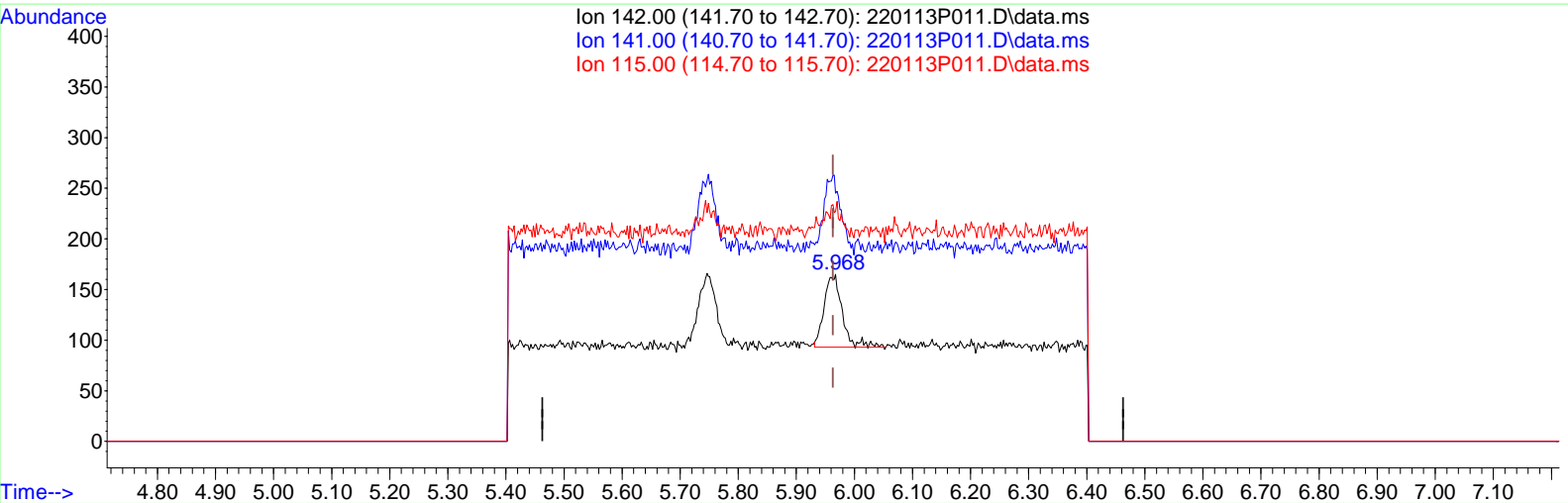
5.746min (+ 0.000) 0.057 ug/ml m

response 153

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	90.70	112.42
115.00	28.40	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(6) 1-Methylnaphthalene (T)

5.968min (+ 0.005) 0.060 ug/ml

response 155

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.40	100.00
115.00	29.80	0.00
0.00	0.00	0.00

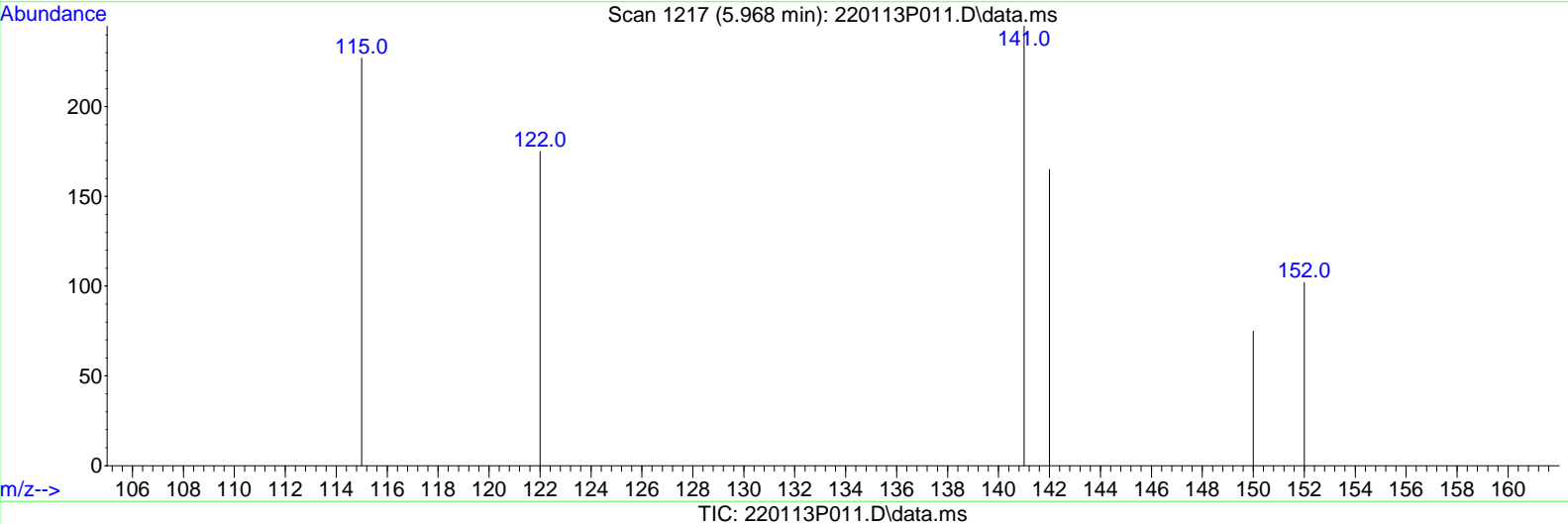
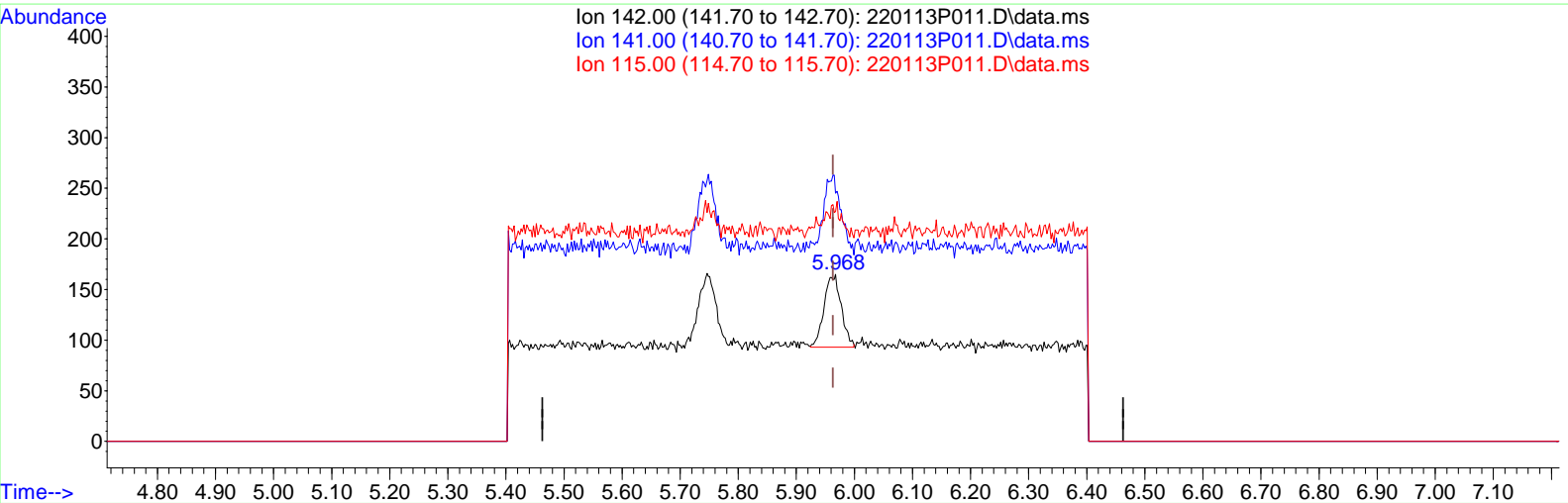
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(6) 1-Methylnaphthalene (T)

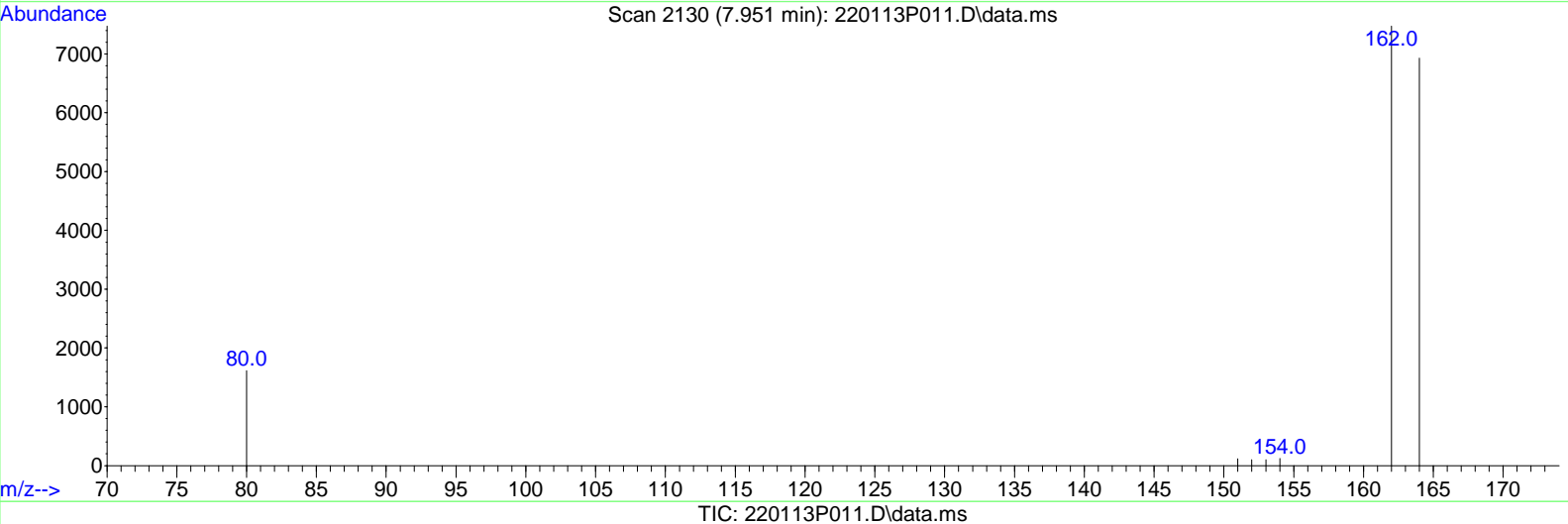
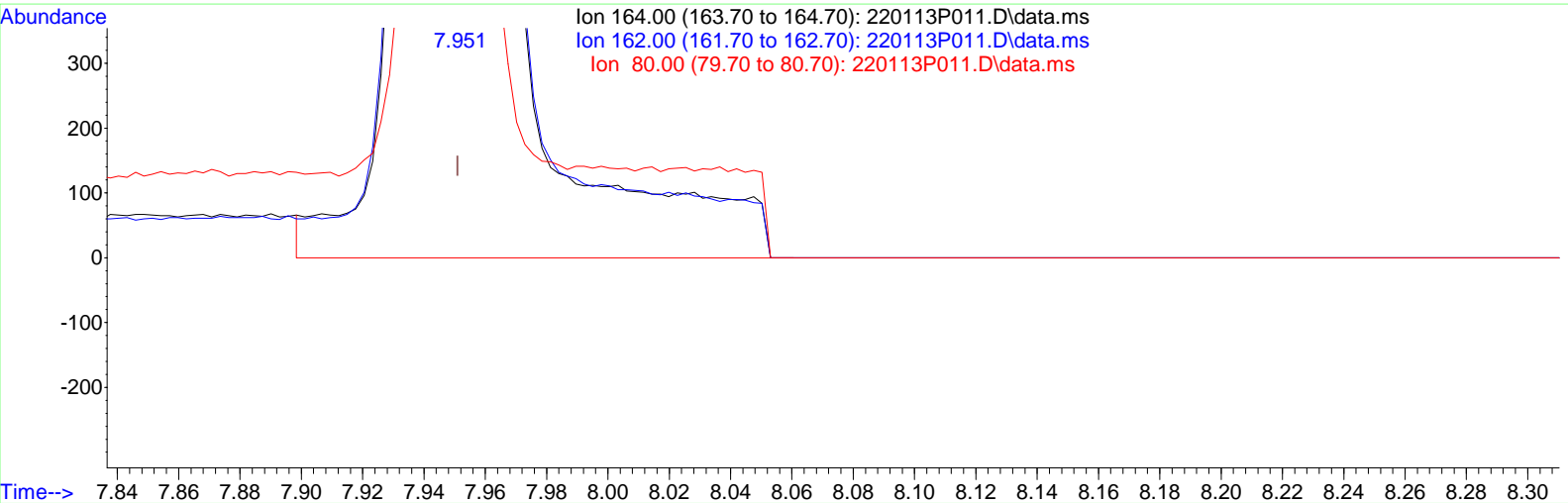
5.968min (+ 0.005) 0.057 ug/ml m

response 147

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.40	105.44
115.00	29.80	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(7) Acenaphthene-d10 (IS) (I)

7.951min (-0.000) 4.000 ug/ml

response 9775

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.70	107.90
80.00	22.00	31.74
0.00	0.00	0.00

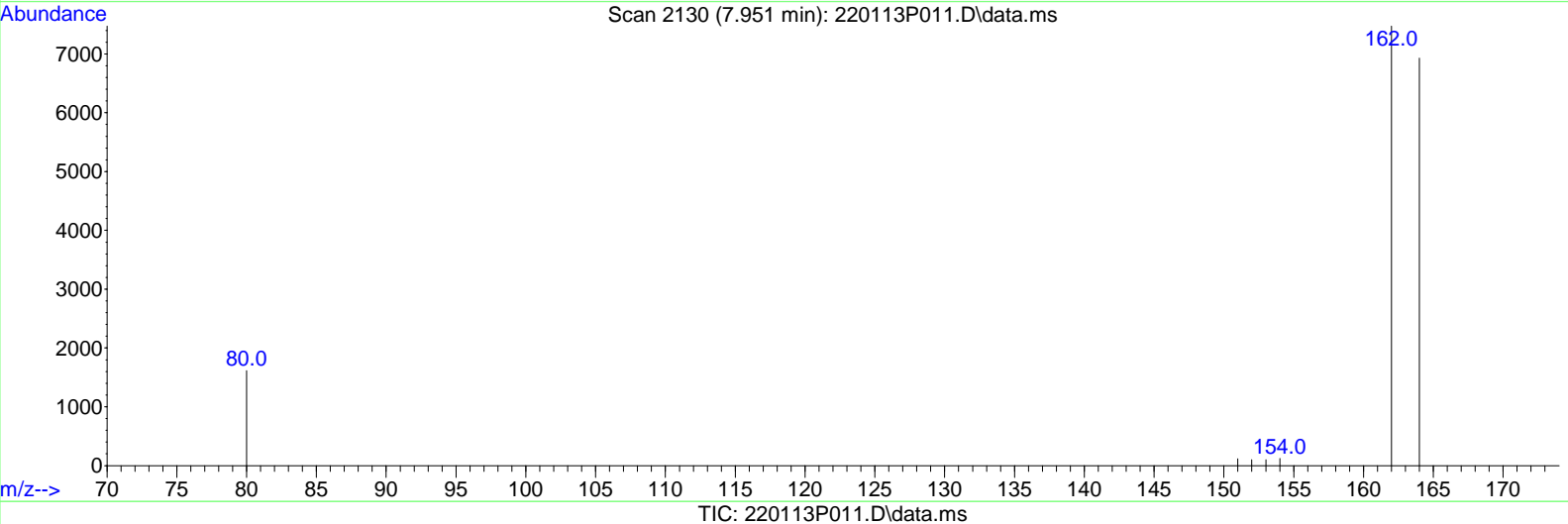
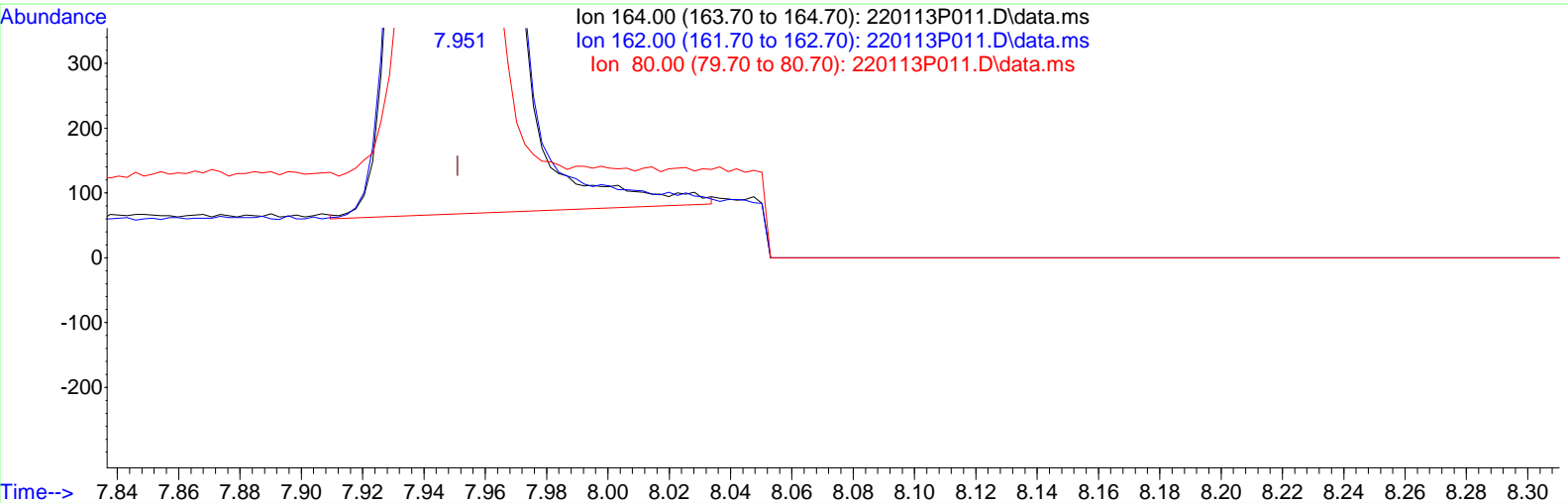
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



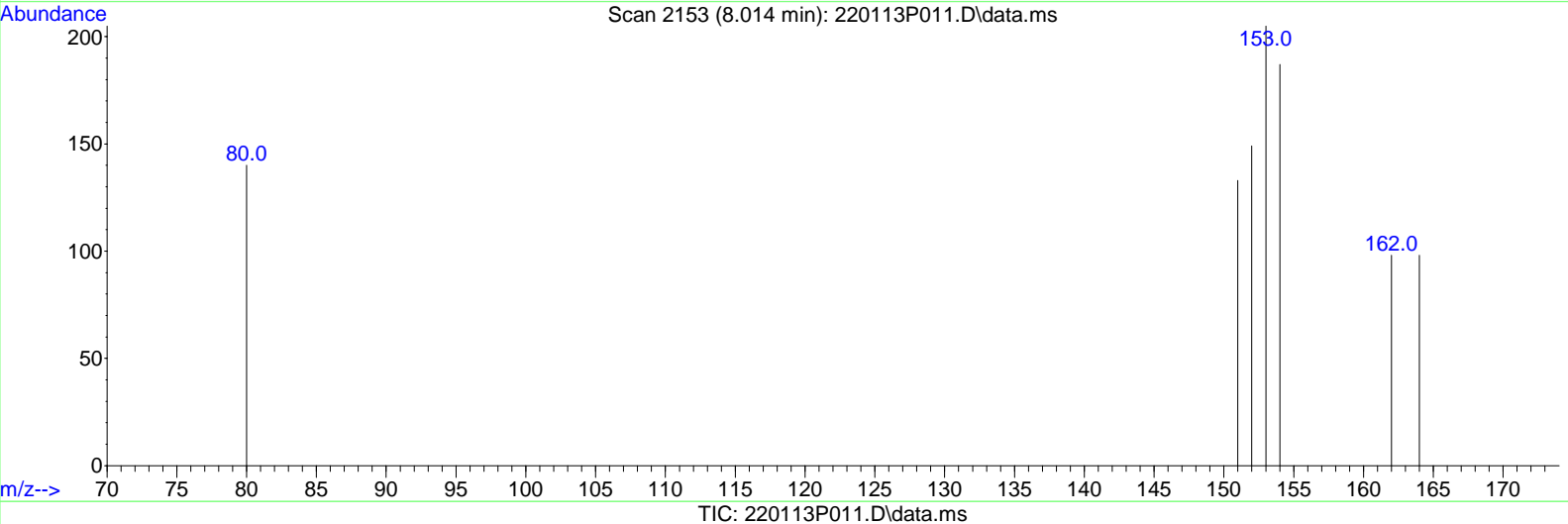
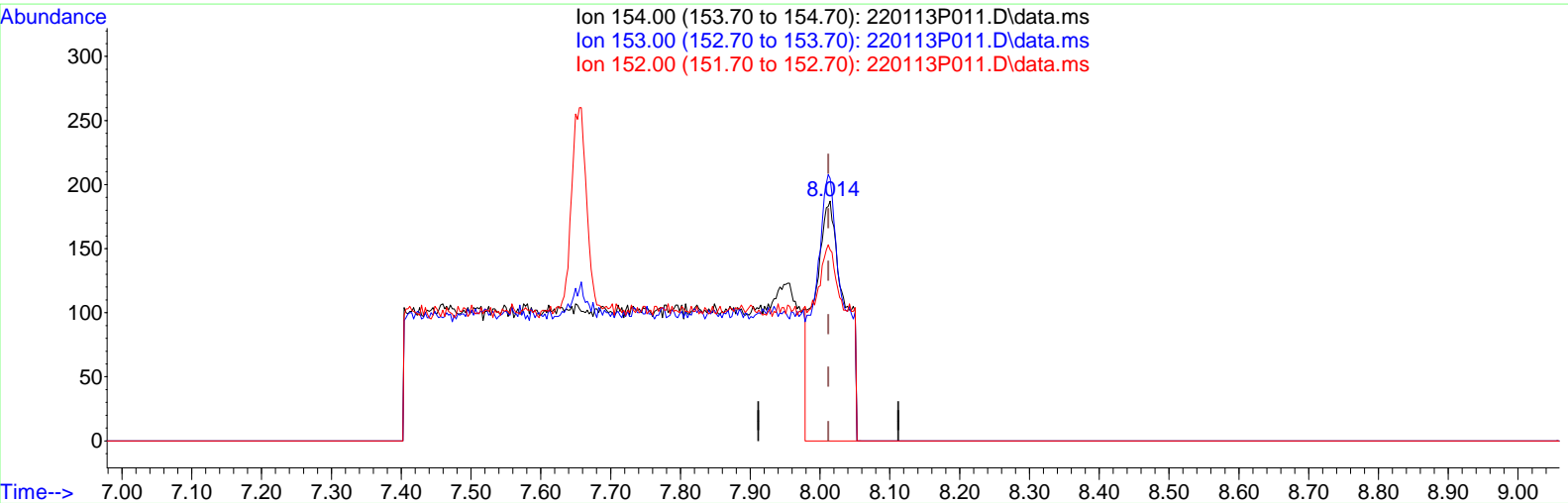
(7) Acenaphthene-d10 (IS) (I)

7.951min (-0.000) 4.000 ug/ml m

response	9322
Ion	Exp% Act%
164.00	100.00 100.00
162.00	106.70 113.14
80.00	22.00 33.29
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

8.014min (+ 0.002) 0.235 ug/ml

response 544

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	102.94
152.00	53.40	81.25
0.00	0.00	0.00

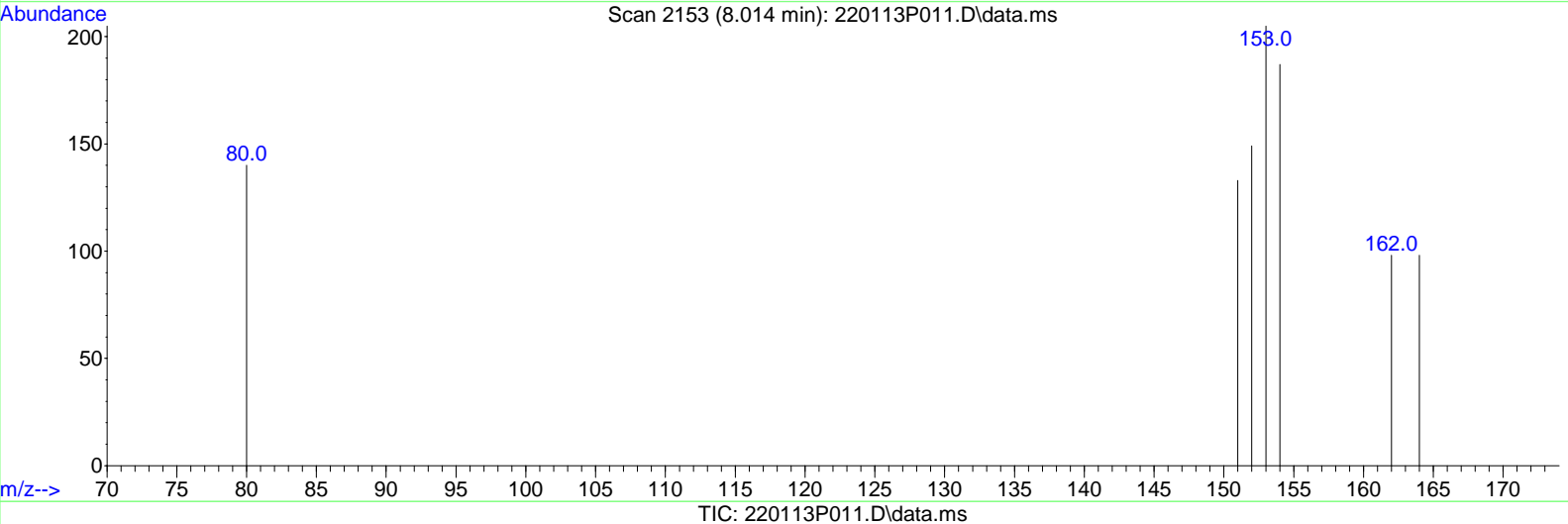
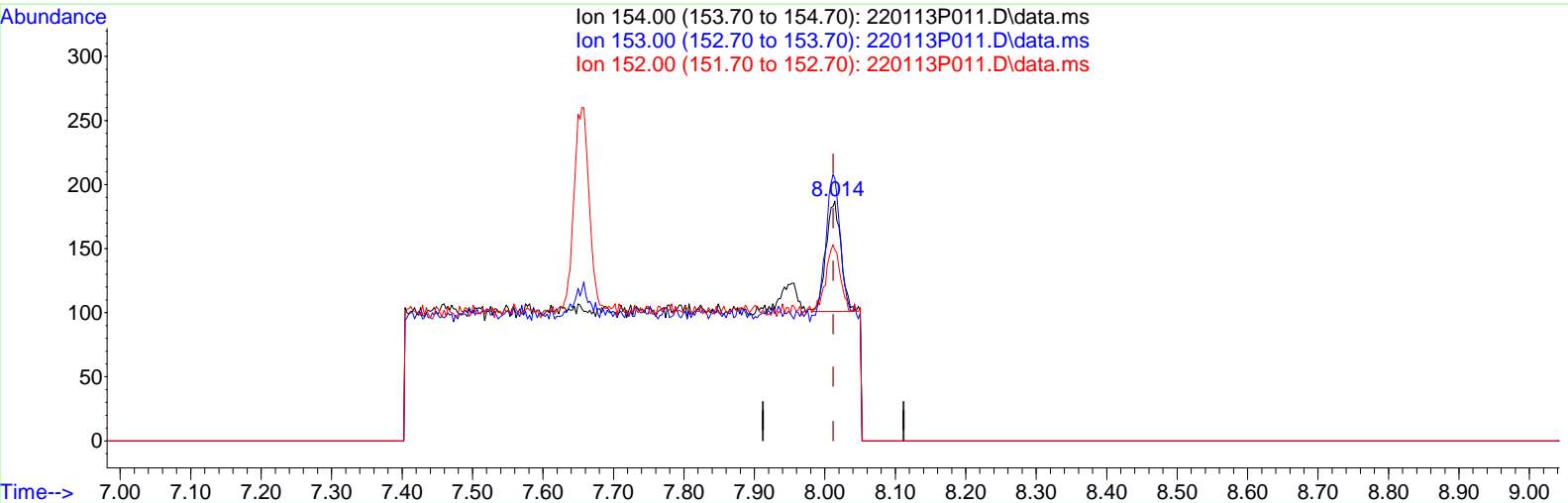
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

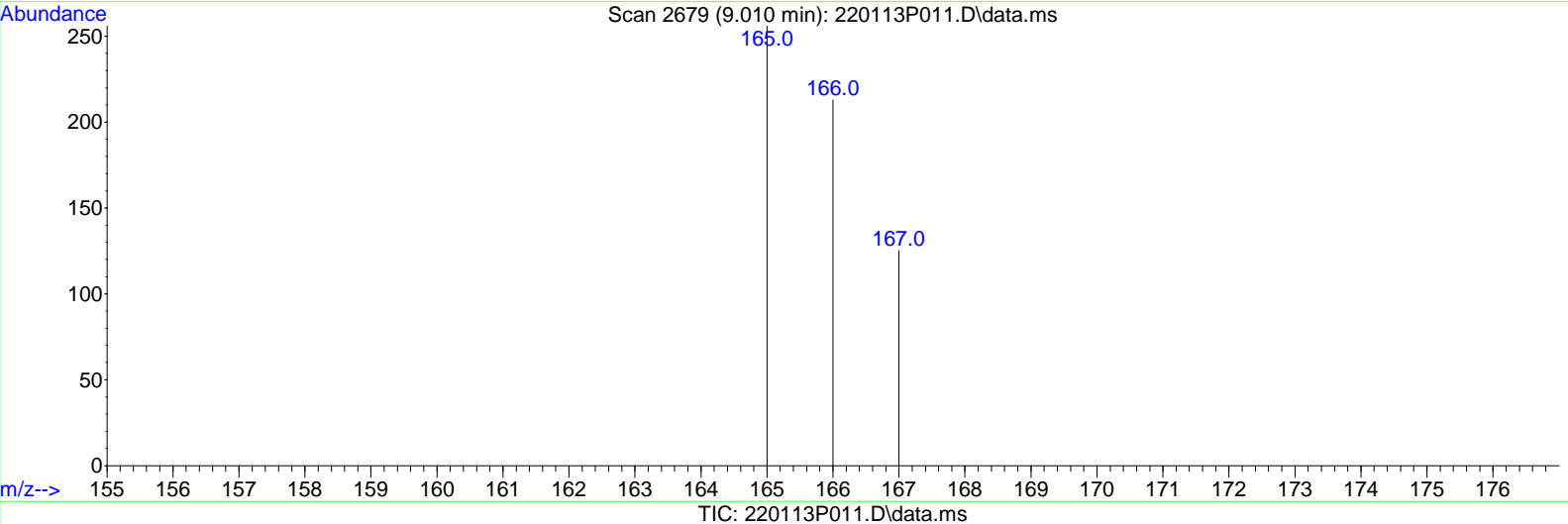
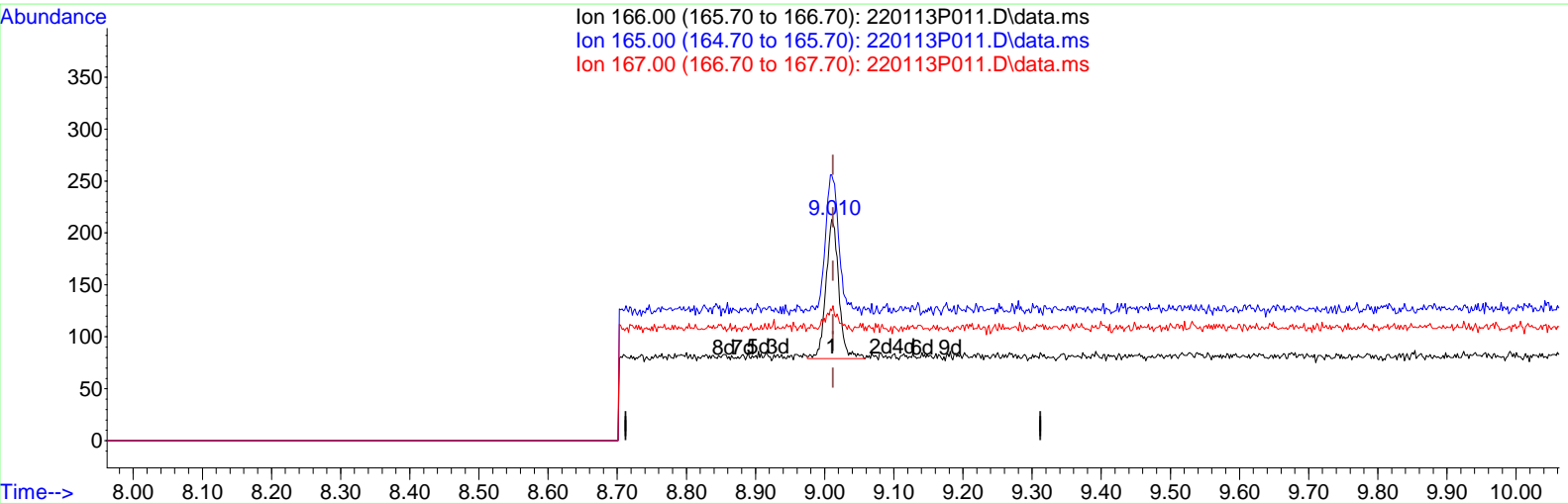
8.014min (+ 0.002) 0.055 ug/ml m

response 127

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	440.94#
152.00	53.40	348.03#
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(12) Fluorene (T)

9.010min (-0.002) 0.058 ug/ml

response 172

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	100.50	112.21
167.00	13.30	13.37
0.00	0.00	0.00

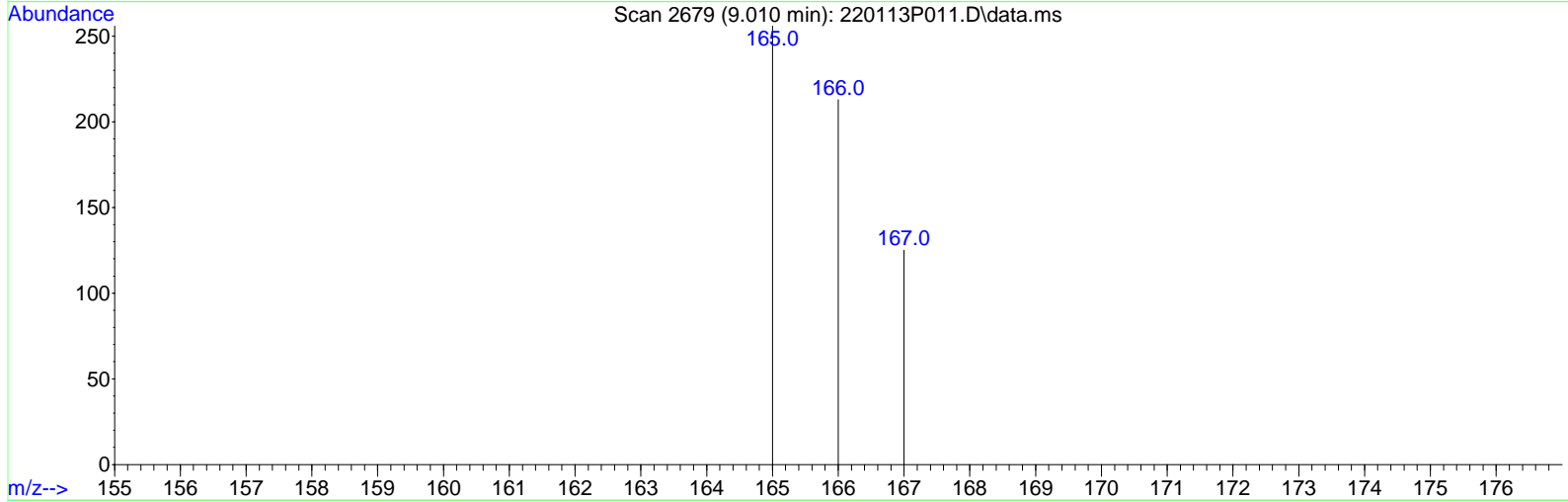
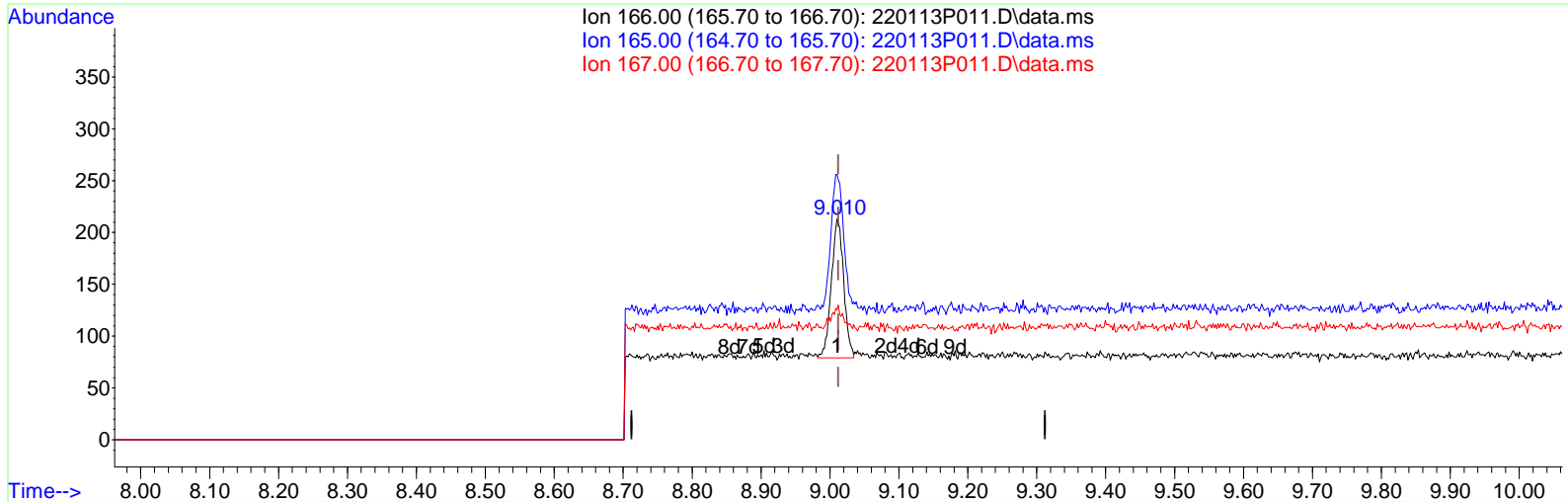
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(12) Fluorene (T)

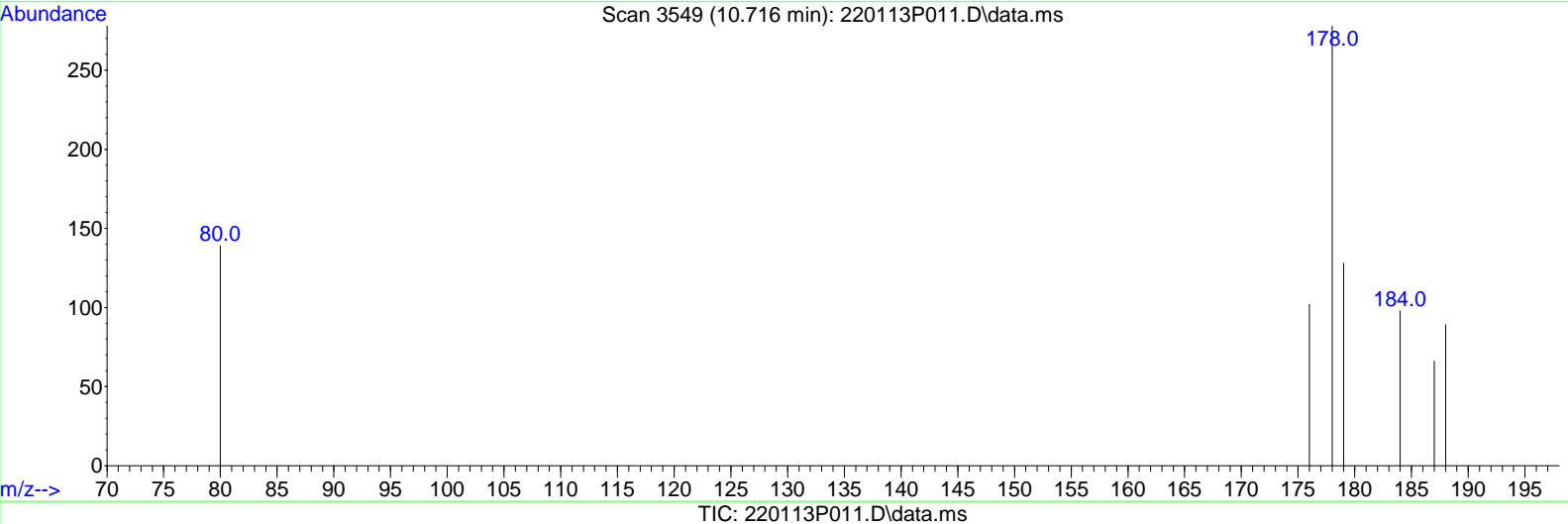
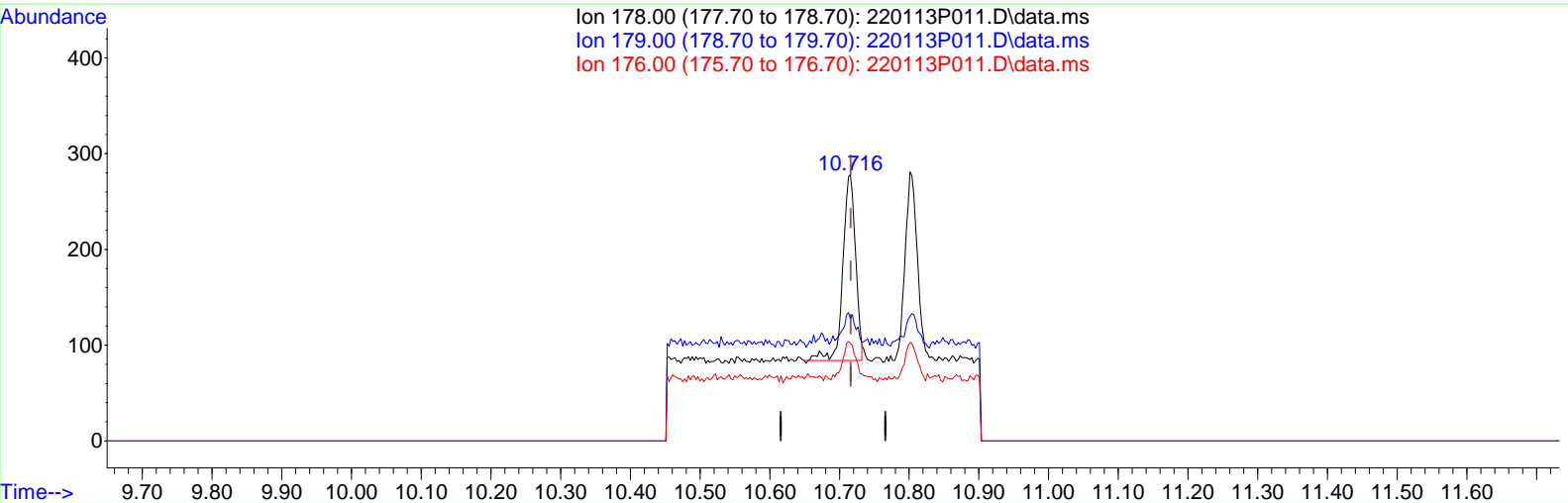
9.010min (-0.002) 0.056 ug/ml m

response 166

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	100.50	116.27
167.00	13.30	13.86
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.716min (-0.000) 0.056 ug/ml

response 246

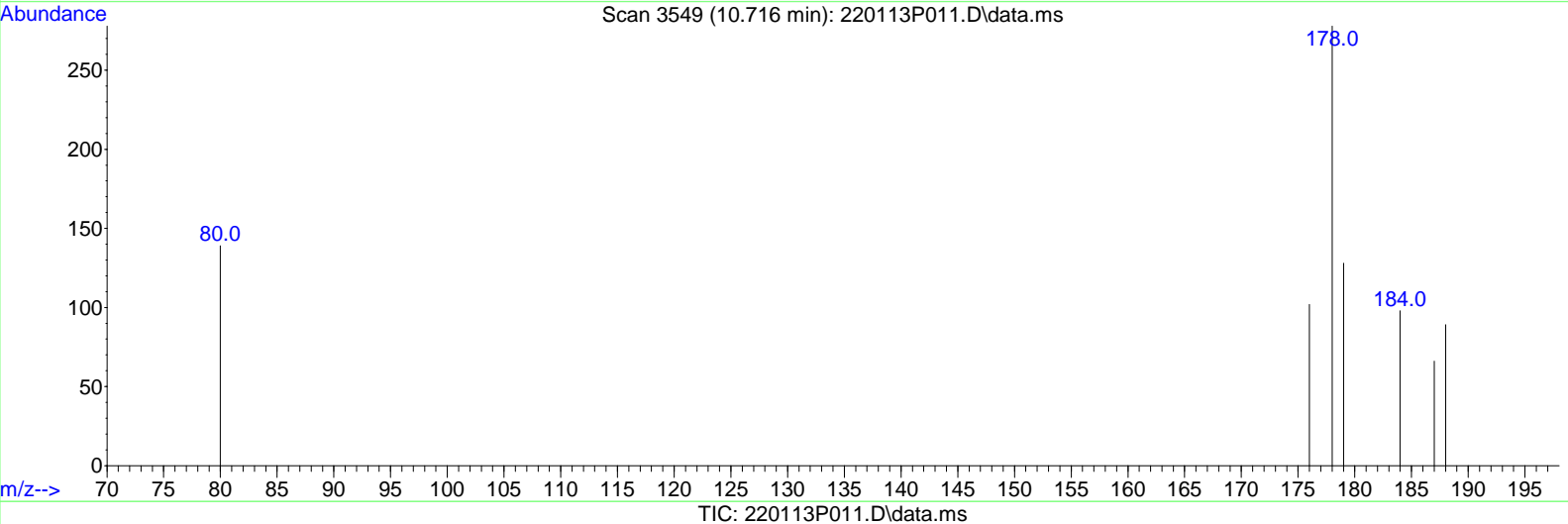
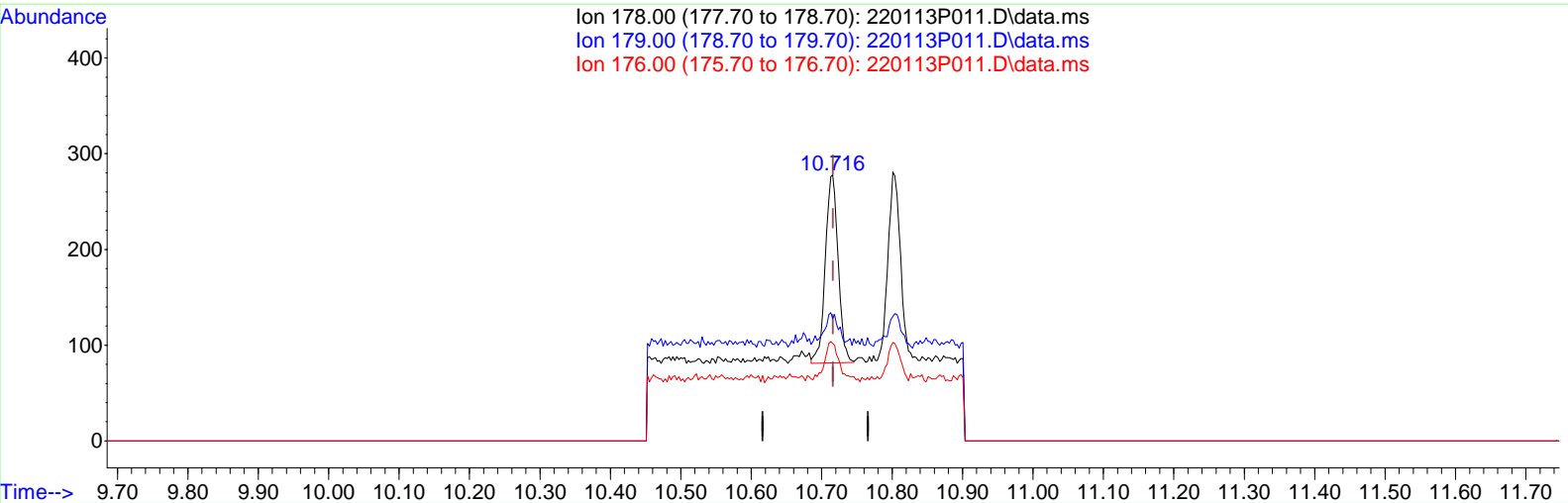
Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.48
176.00	18.90	18.29
0.00	0.00	0.00

Manual Integration Reasons

1. BaseLine Smoothing
 Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

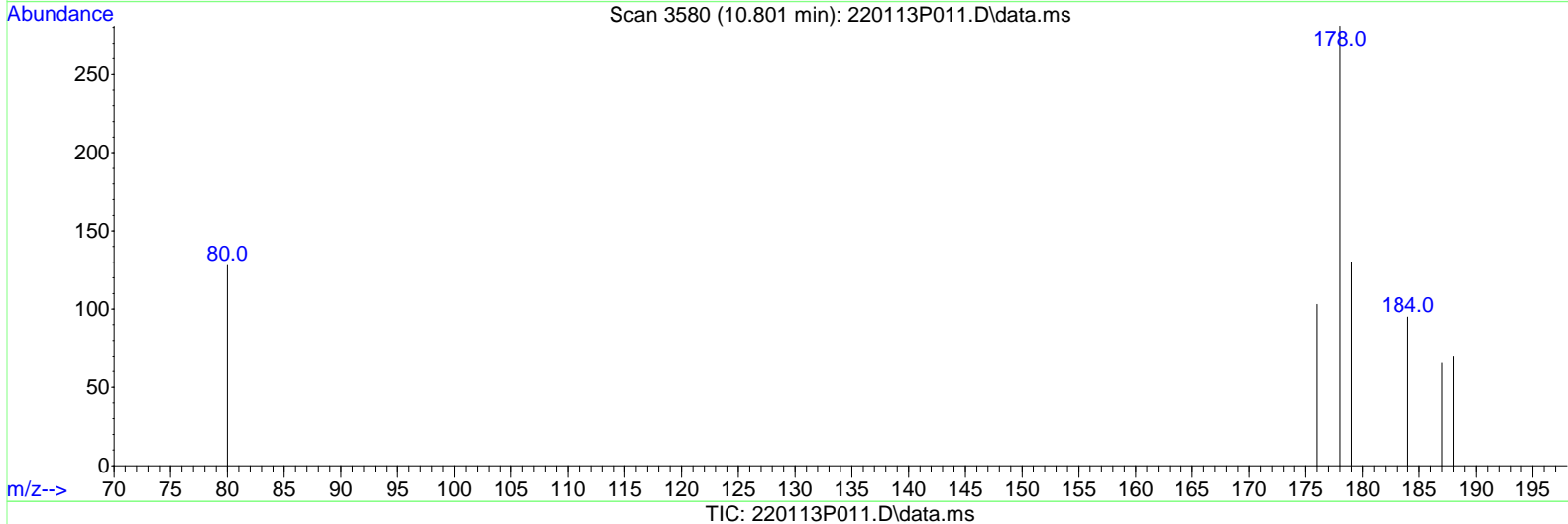
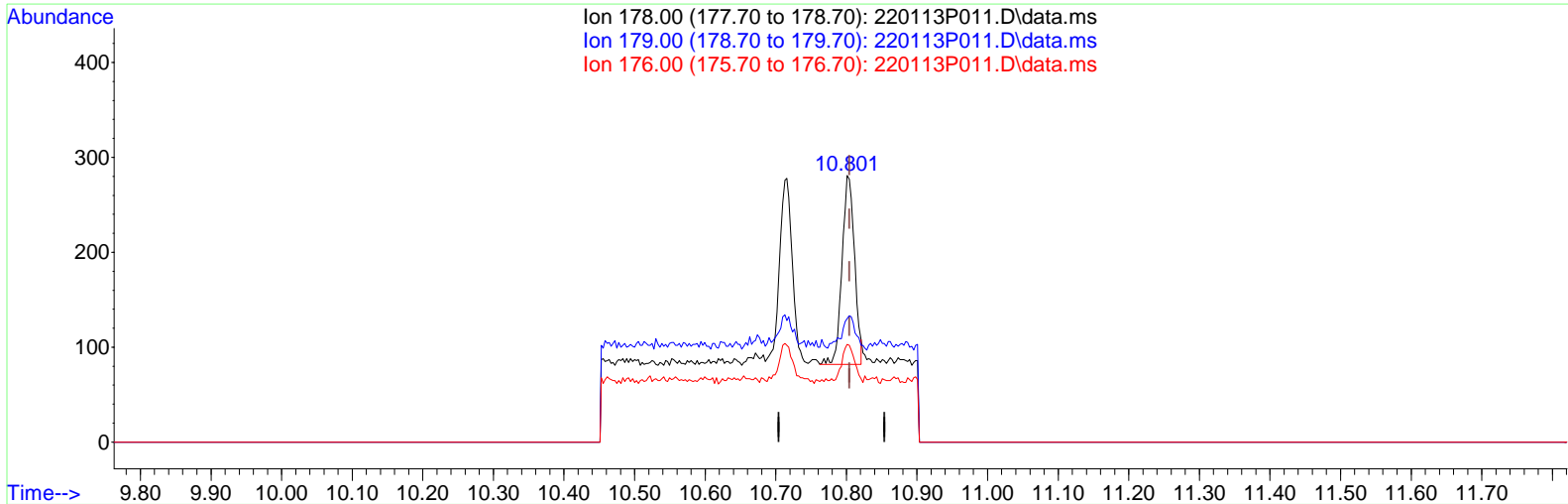
10.716min (-0.000) 0.056 ug/ml m

response 249

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.27
176.00	18.90	18.07
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.801min (-0.003) 0.057 ug/ml

response 245

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	17.14
176.00	18.20	23.27
0.00	0.00	0.00

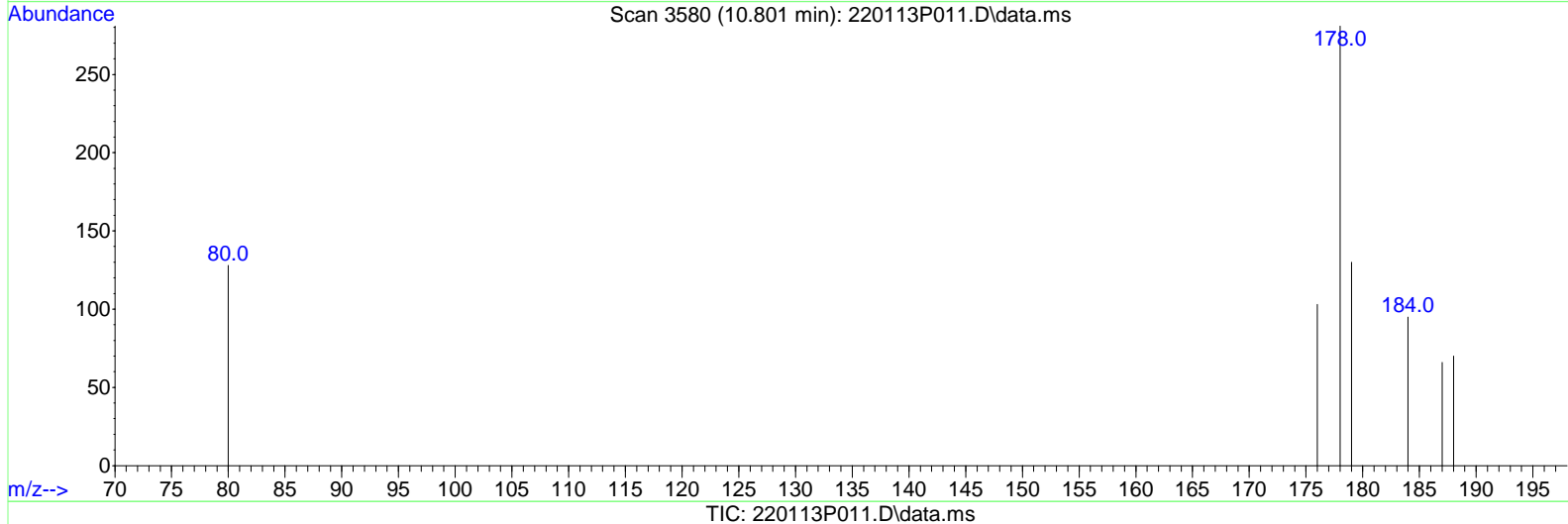
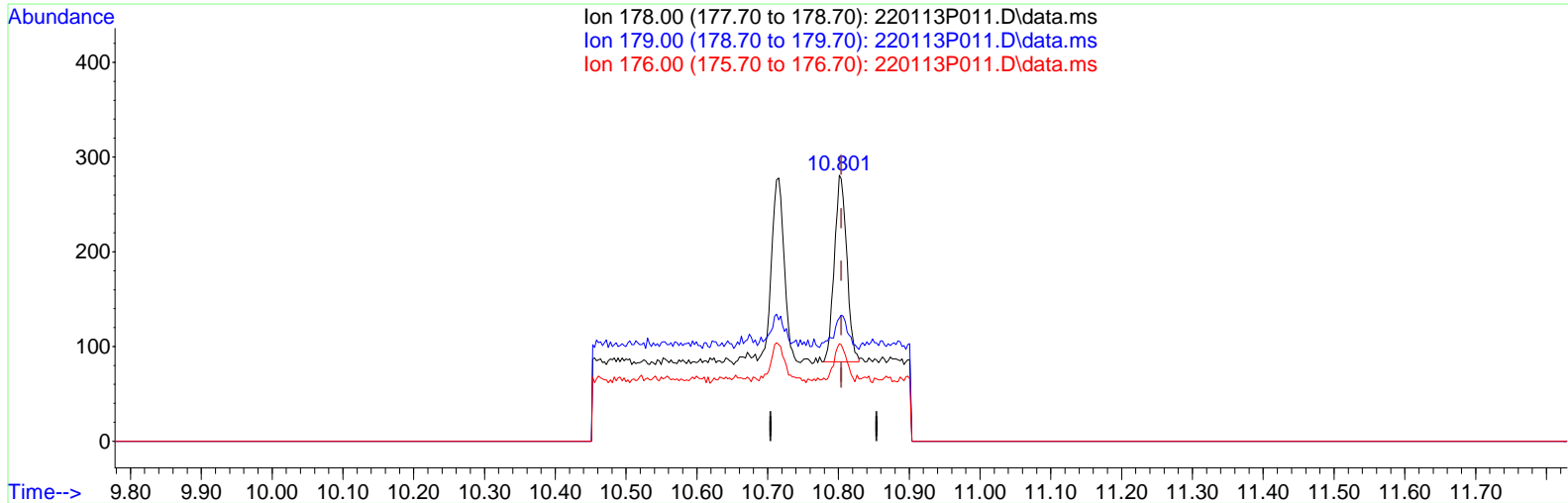
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

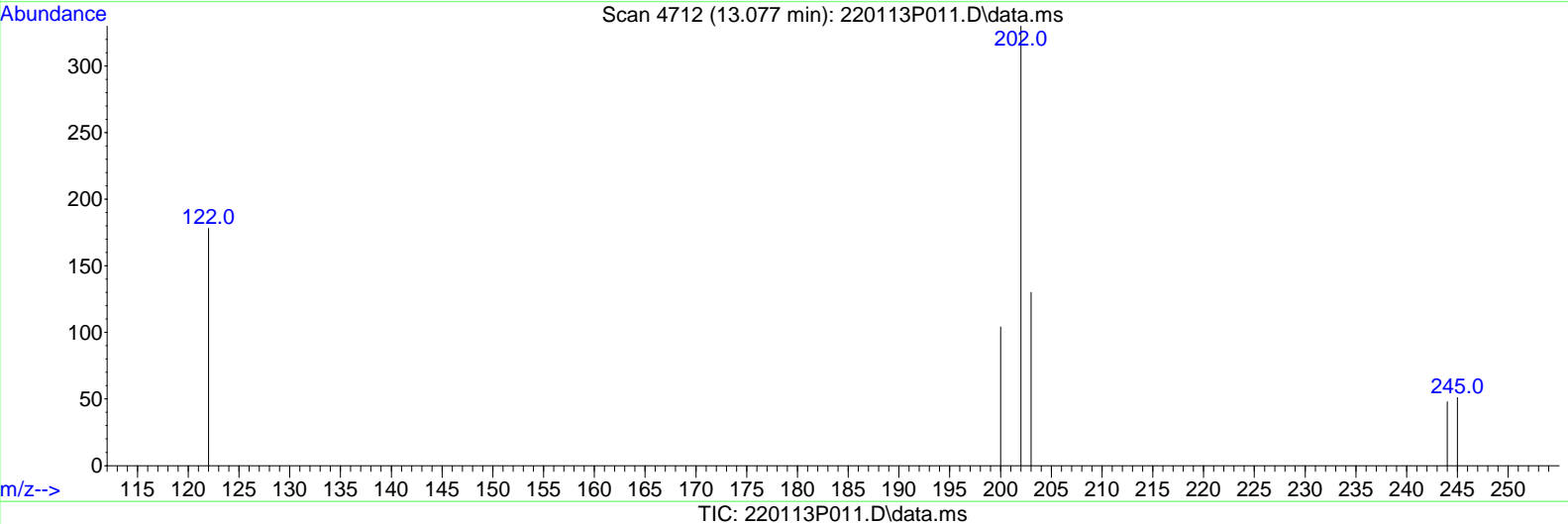
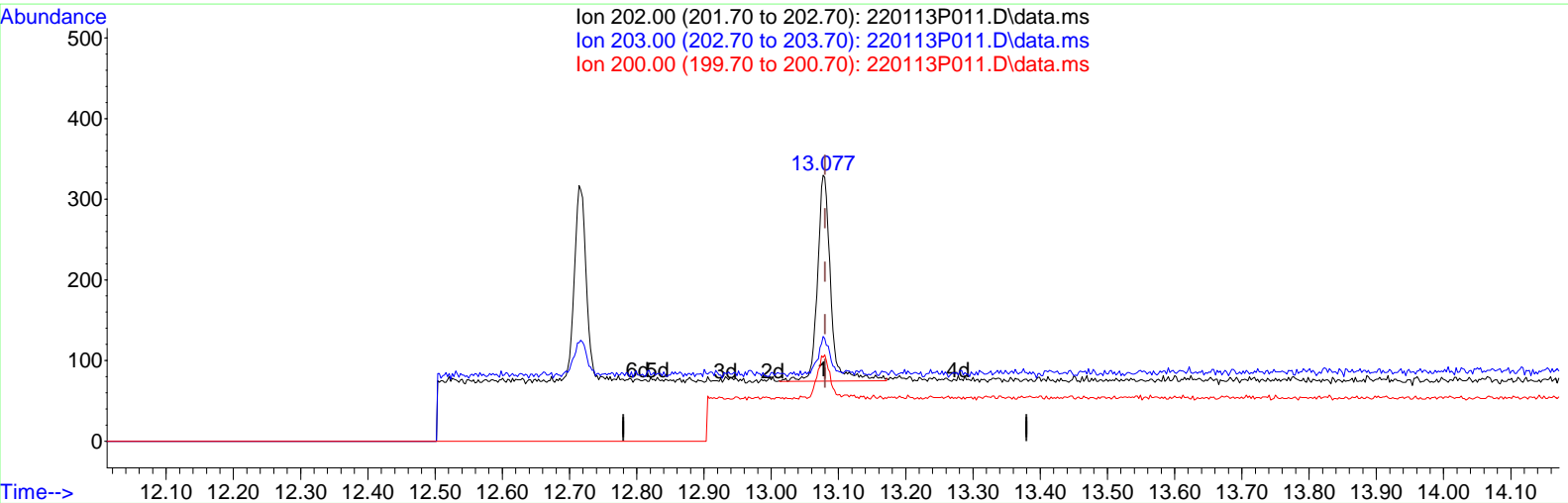
10.801min (-0.003) 0.056 ug/ml m

response 240

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	17.50
176.00	18.20	23.75
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(20) Pyrene (T)

13.077min (-0.003) 0.061 ug/ml

response 350

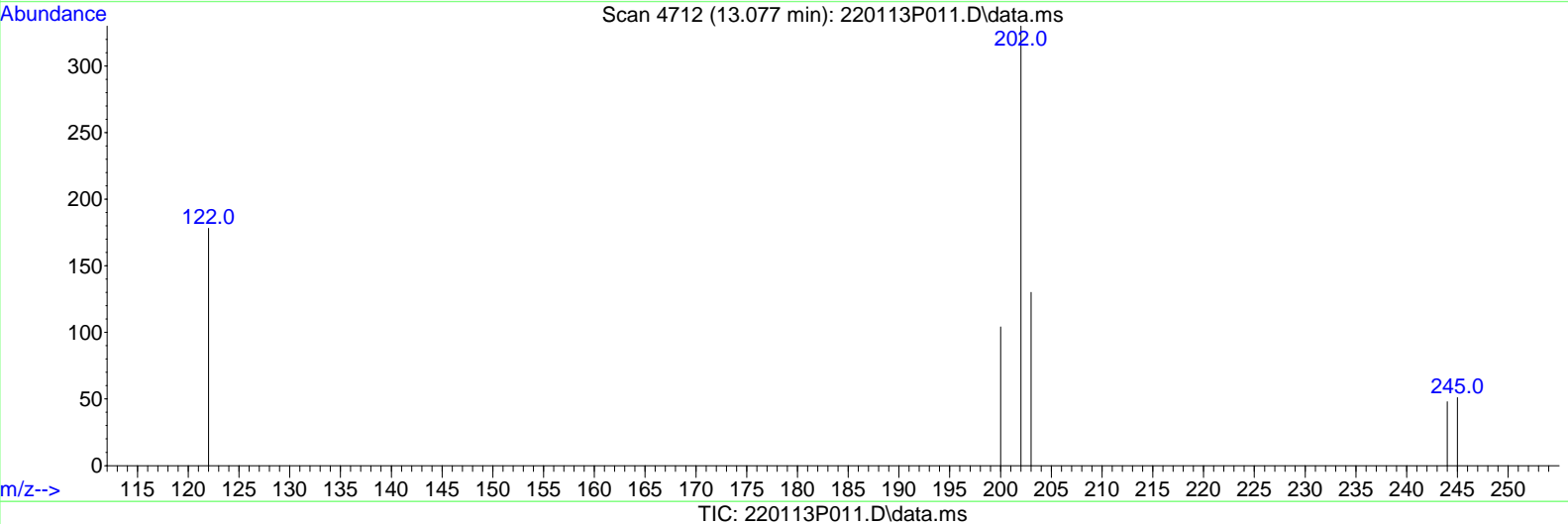
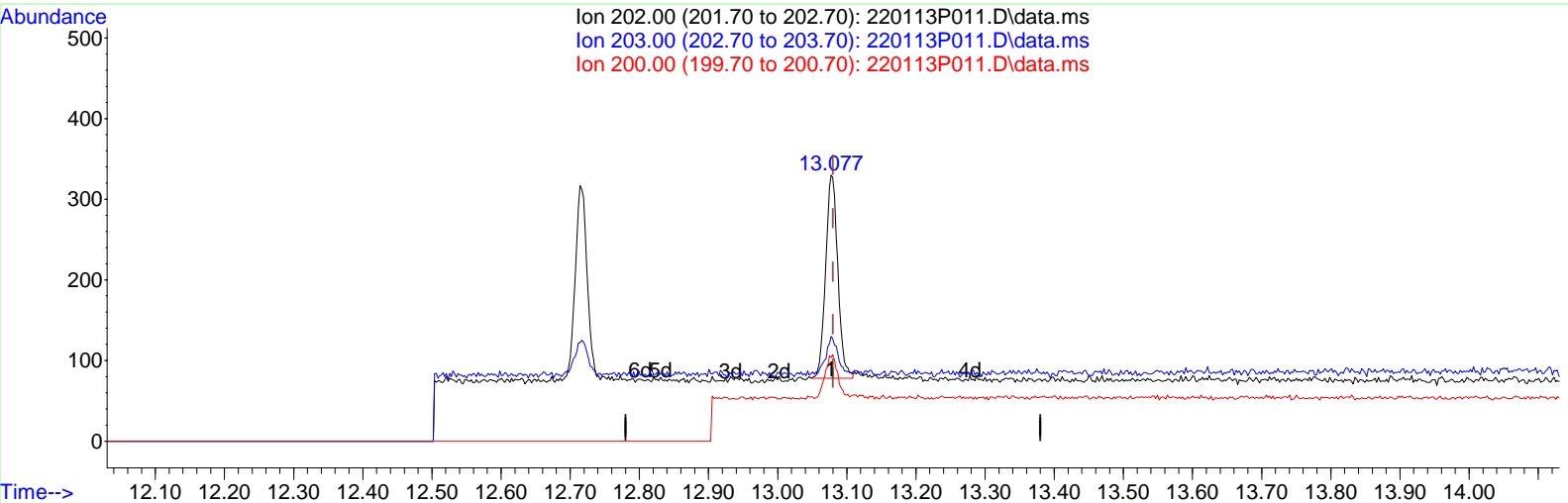
Ion	Exp%	Act%
202.00	100.00	100.00
203.00	18.40	18.29
200.00	20.80	21.71
0.00	0.00	0.00

Manual Integration Reasons

1. BaseLine Smoothing
 Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(20) Pyrene (T)

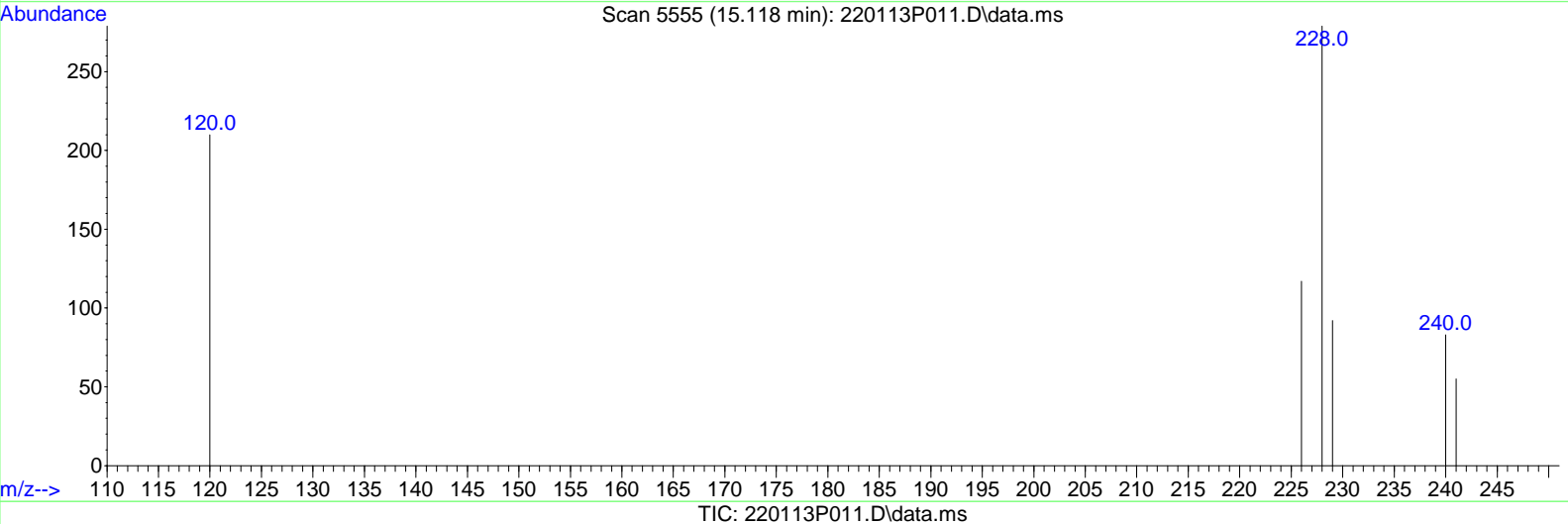
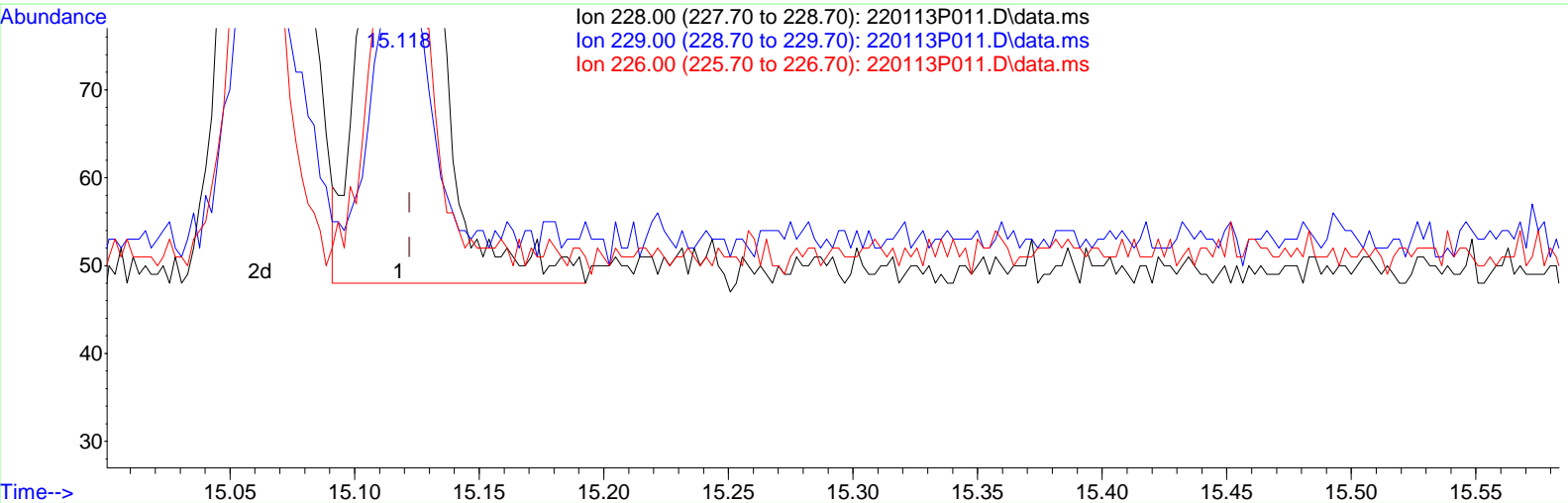
13.077min (-0.003) 0.054 ug/ml m

response 309

Ion	Exp%	Act%
202.00	100.00	100.00
203.00	18.40	20.71
200.00	20.80	24.60
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(23) Chrysene (T)

15.118min (-0.004) 0.059 ug/ml

response 299

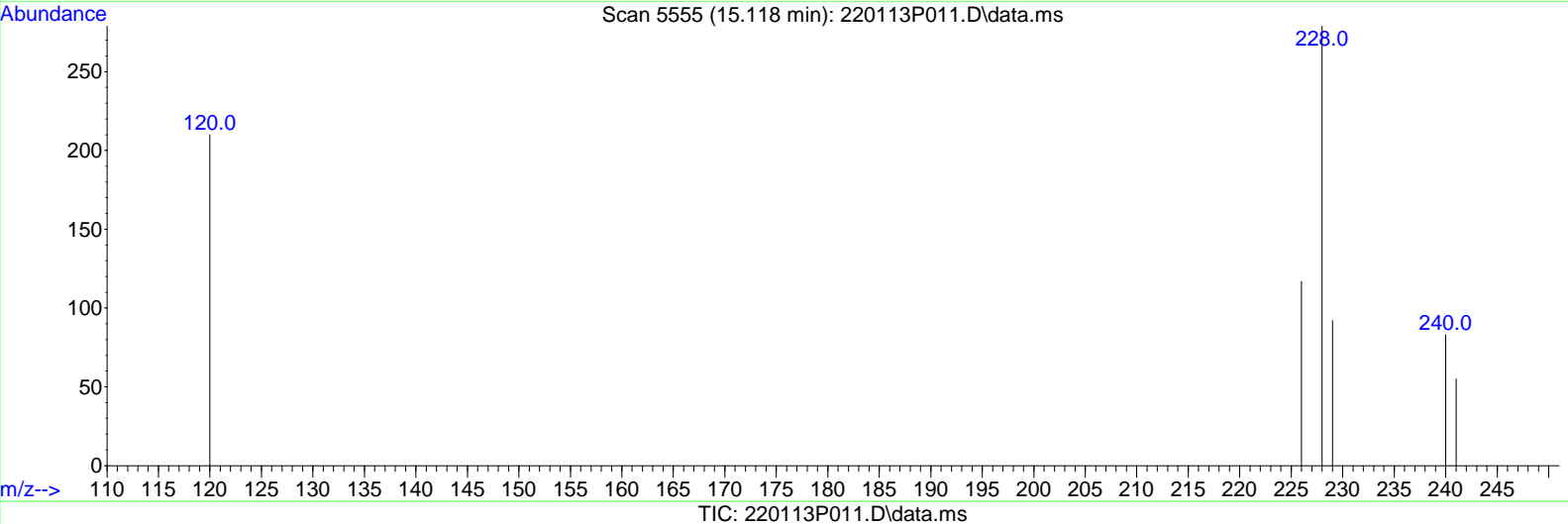
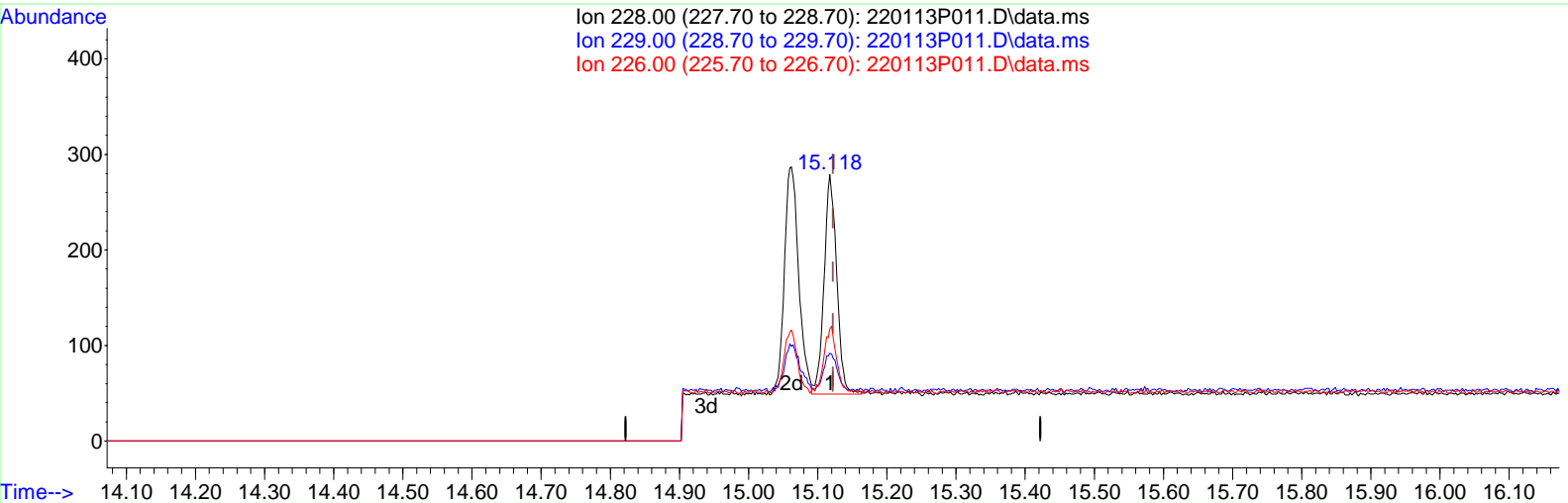
Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	16.05
226.00	29.80	30.10
0.00	0.00	0.00

Manual Integration Reasons

1. BaseLine Smoothing
 Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P011.D
 Acq On : 13 Jan 2022 3:58 pm
 Operator : BDE
 Sample : ICAL 2
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 10:05:55 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(23) Chrysene (T)

15.118min (-0.004) 0.057 ug/ml m

response 290

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	16.55
226.00	29.80	31.03
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE

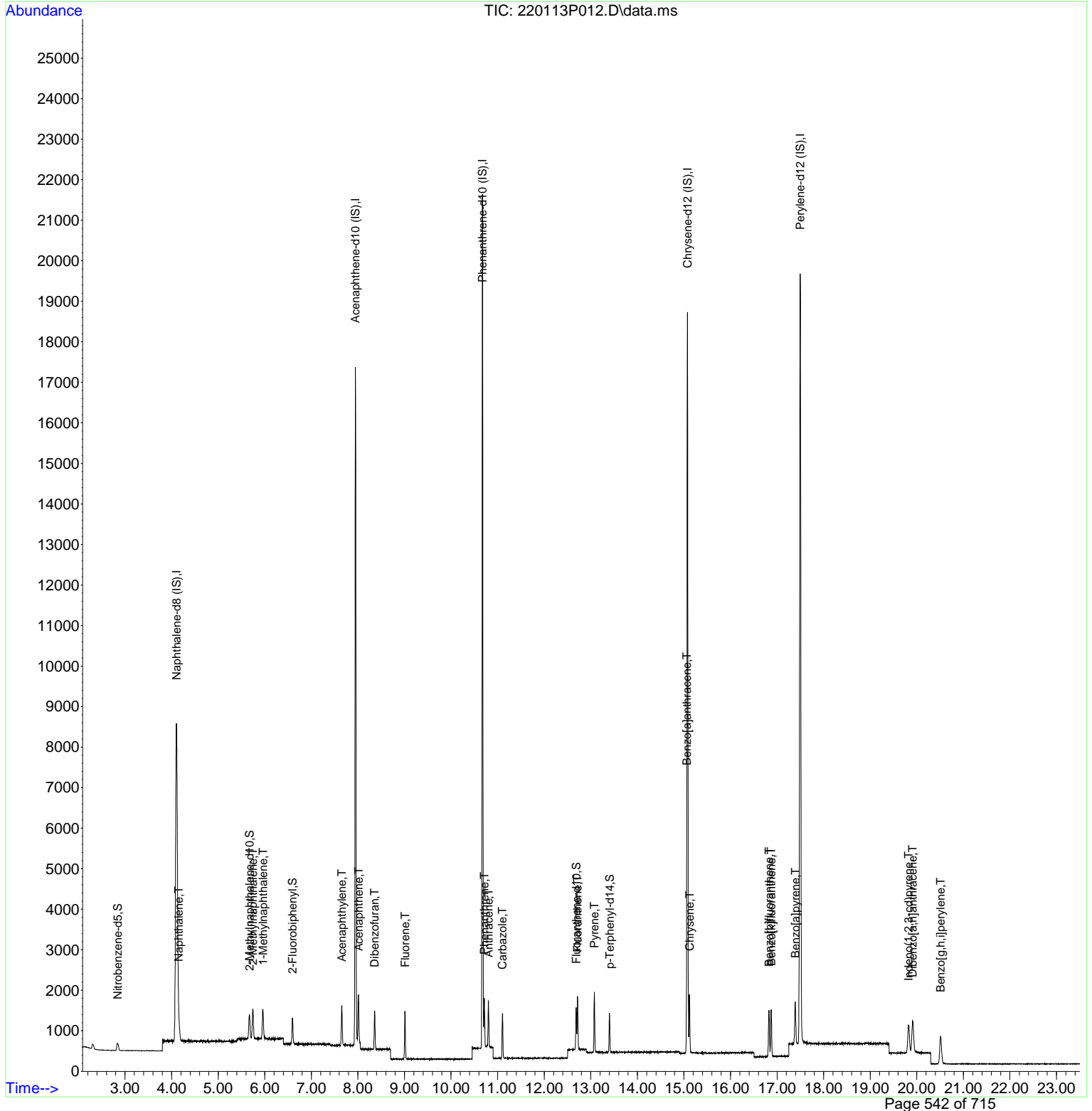
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.105	136	18990	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.948	164	9749m	4.000	ug/ml	0.00
13) Phenanthrene-d10 (IS)	10.674	188	19228	4.000	ug/ml	0.00
19) Chrysene-d12 (IS)	15.076	240	17785	4.000	ug/ml	0.00
24) Perylene-d12 (IS)	17.497	264	19969	4.000	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	2.844	82	270m	0.227	ug/ml	0.00
4) 2-Methylnaphthalene-d10	5.671	152	536	0.217	ug/ml	0.00
8) 2-Fluorobiphenyl	6.596	172	750	0.225	ug/ml	0.00
17) Fluoranthene-d10	12.685	212	1010	0.229	ug/ml	0.00
21) p-Terphenyl-d14	13.404	244	838	0.220	ug/ml	0.00
Target Compounds						
						Qvalue
3) Naphthalene	4.151	128	950	0.221	ug/ml#	69
5) 2-Methylnaphthalene	5.744	142	604	0.217	ug/ml	97
6) 1-Methylnaphthalene	5.960	142	604	0.226	ug/ml	91
9) Acenaphthylene	7.653	152	1049	0.220	ug/ml	96
10) Acenaphthene	8.011	154	549m	0.227	ug/ml	
11) Dibenzofuran	8.358	168	876	0.221	ug/ml#	100
12) Fluorene	9.010	166	700	0.225	ug/ml	95
14) Phenanthrene	10.713	178	1030m	0.224	ug/ml	
15) Anthracene	10.804	178	1001m	0.225	ug/ml	
16) Carbazole	11.105	167	1016	0.228	ug/ml	97
18) Fluoranthene	12.714	202	1260	0.234	ug/ml	98
20) Pyrene	13.077	202	1324	0.227	ug/ml	100
22) Benzo[a]anthracene	15.062	228	1261	0.221	ug/ml	99
23) Chrysene	15.120	228	1156	0.223	ug/ml	99
25) Benzo[b]fluoranthene	16.826	252	1310	0.217	ug/ml	99
26) Benzo[k]fluoranthene	16.873	252	1313	0.224	ug/ml	96
27) Benzo[a]pyrene	17.391	252	1282	0.223	ug/ml	100
28) Indeno(1,2,3-cd)pyrene	19.822	276	1242	0.224	ug/ml	97
29) Dibenz[a,h]anthracene	19.911	278	1182	0.218	ug/ml	99
30) Benzo[g,h,i]perylene	20.513	276	1338	0.223	ug/ml	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

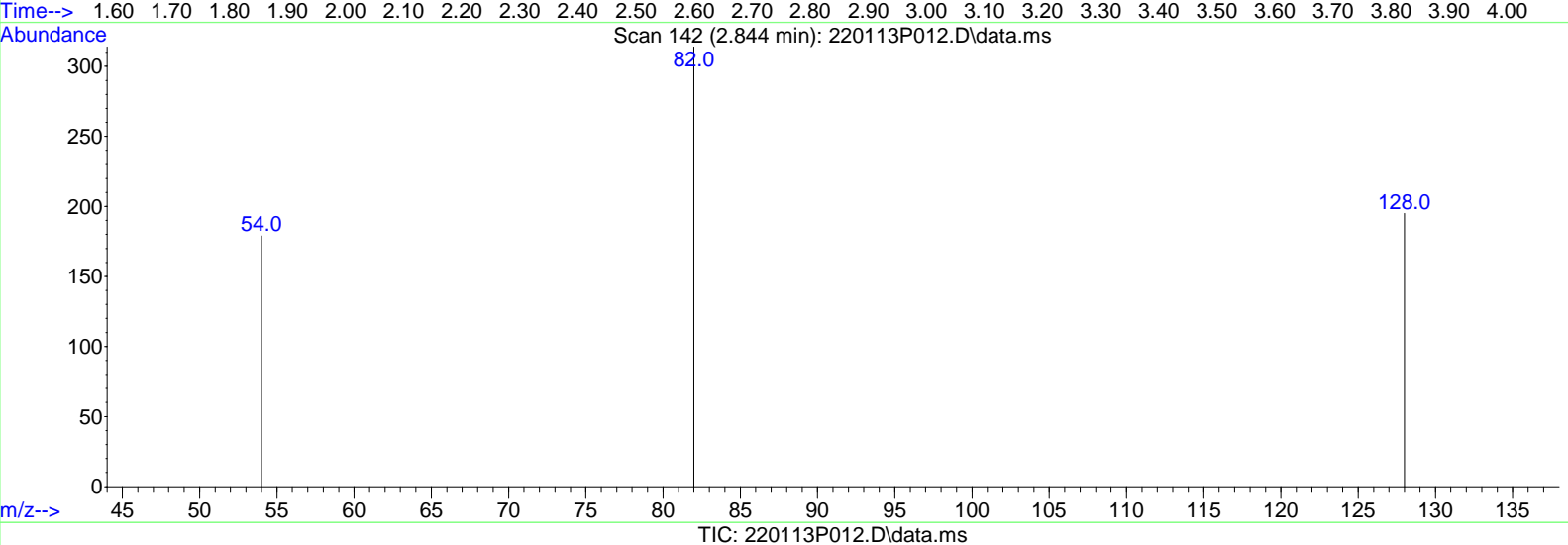
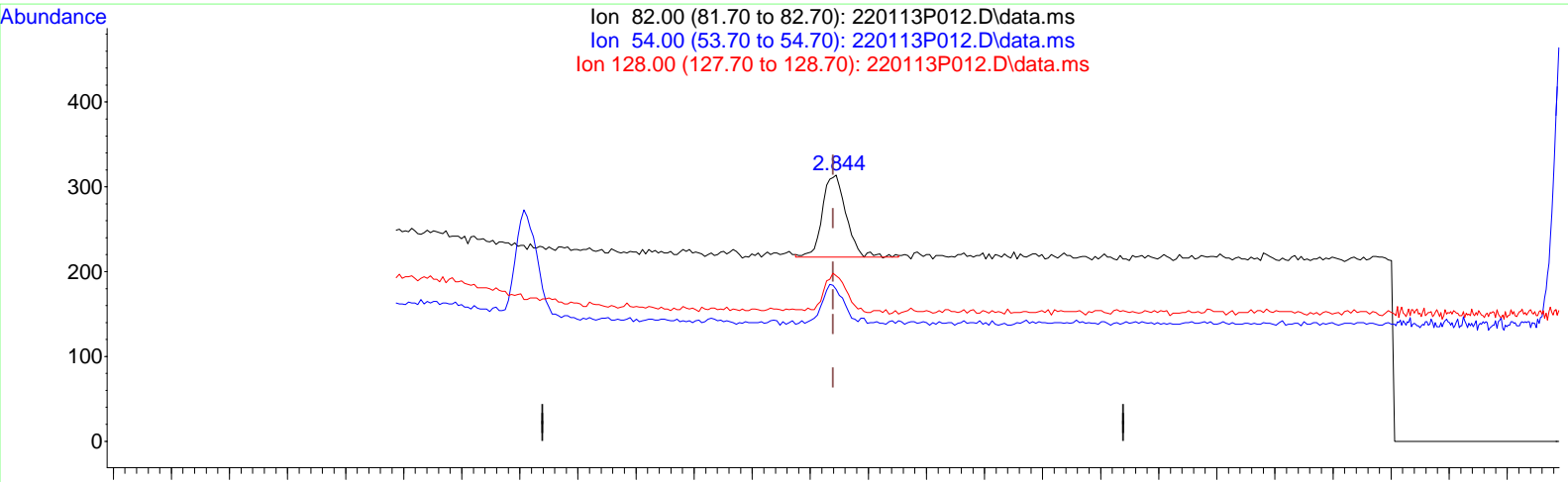
Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(2) Nitrobenzene-d5 (S)

2.844min (+ 0.005) 0.233 ug/ml

response 277

Ion	Exp%	Act%
82.00	100.00	100.00
54.00	43.40	46.21
128.00	44.70	50.90
0.00	0.00	0.00

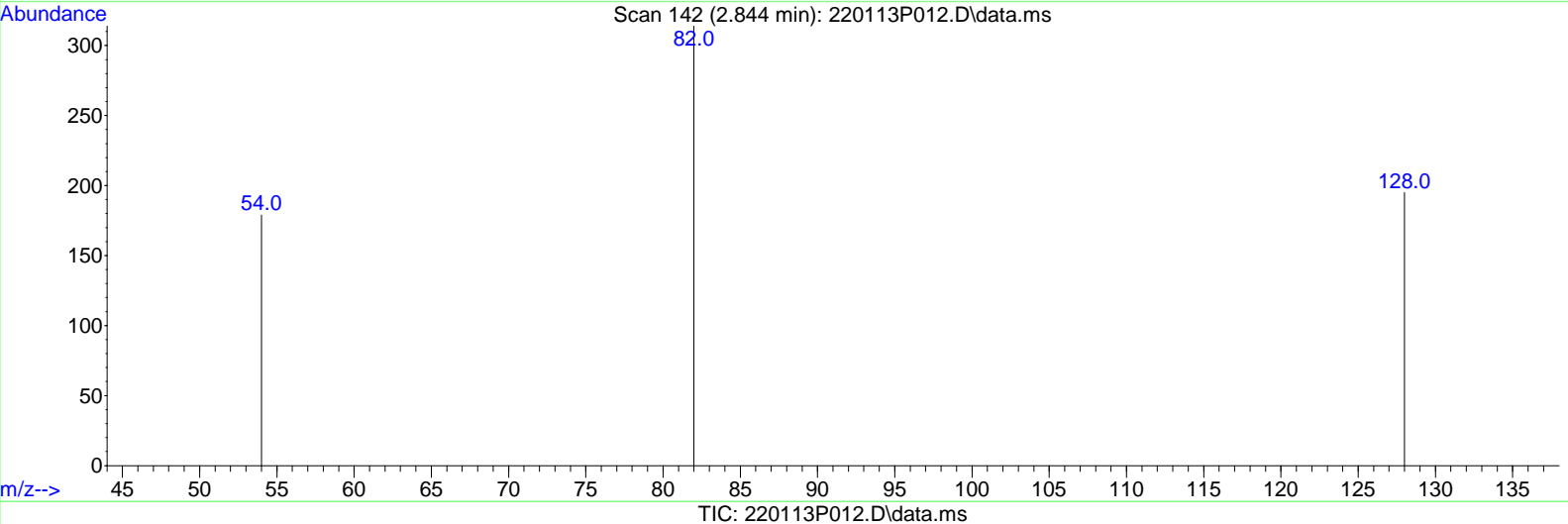
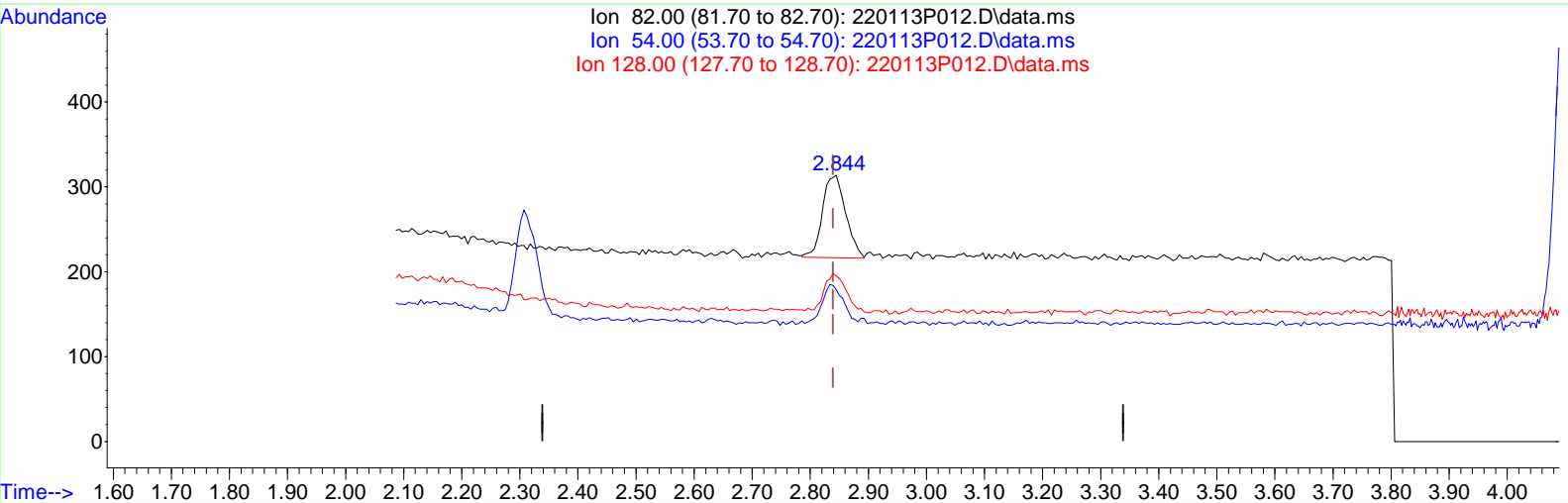
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(2) Nitrobenzene-d5 (S)

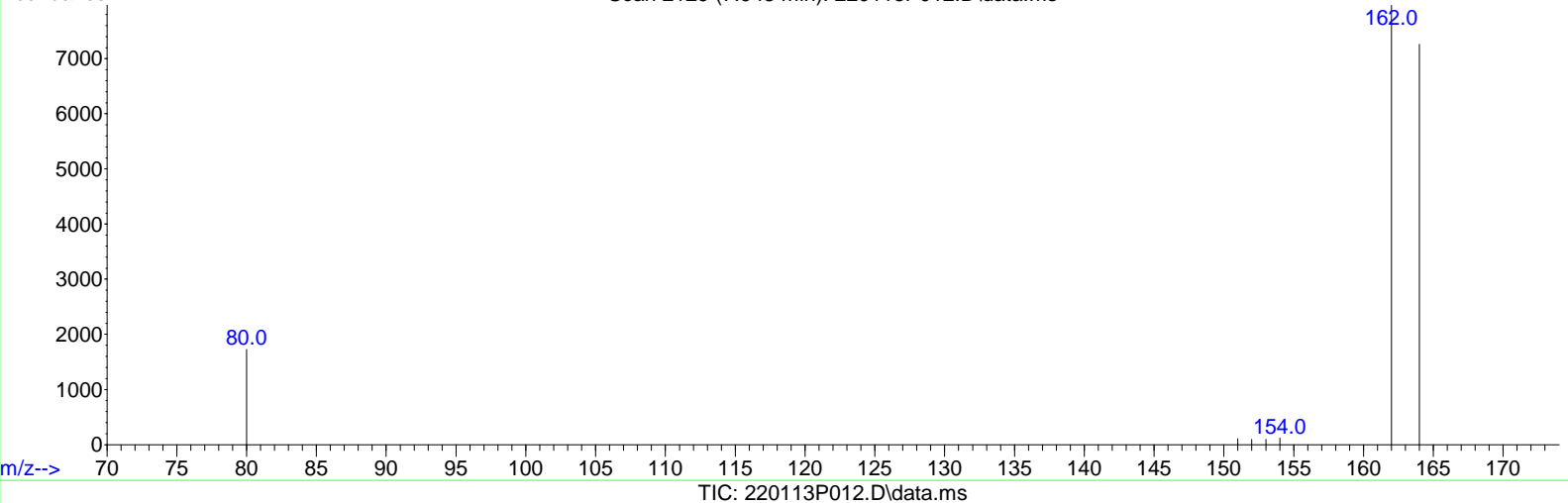
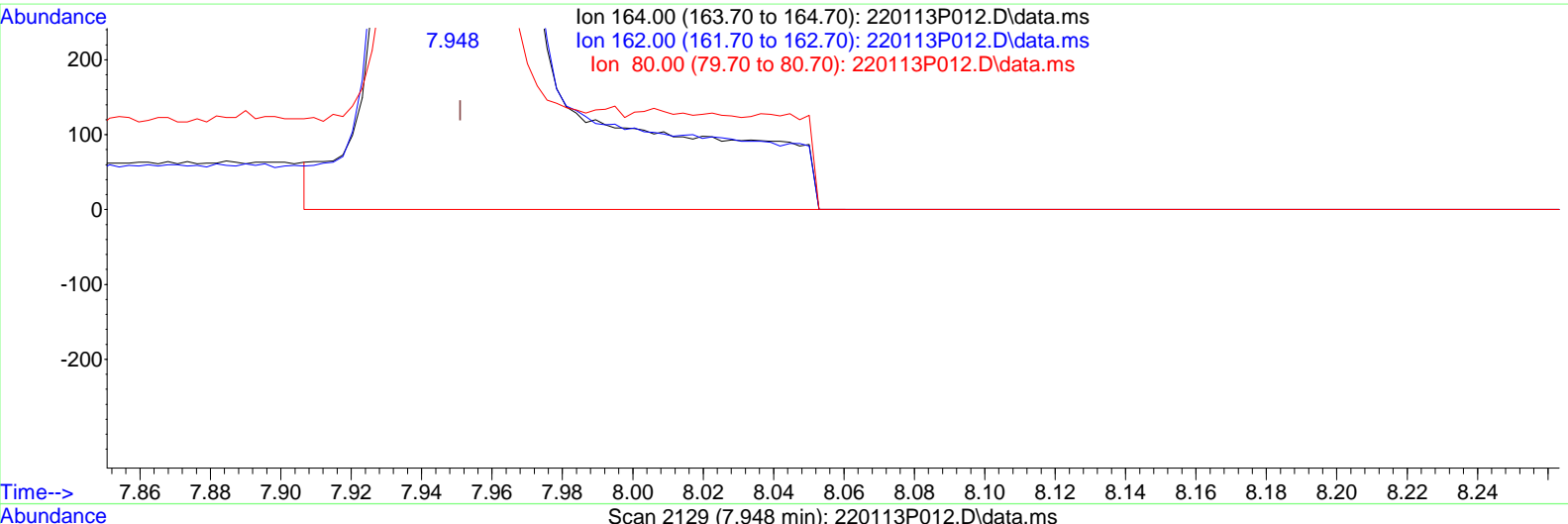
2.844min (+ 0.005) 0.227 ug/ml m

response 270

Ion	Exp%	Act%
82.00	100.00	100.00
54.00	43.40	47.41
128.00	44.70	52.22
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(7) Acenaphthene-d10 (IS) (I)

7.948min (-0.003) 4.000 ug/ml

response 10079

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.70	109.42
80.00	22.00	21.65
0.00	0.00	0.00

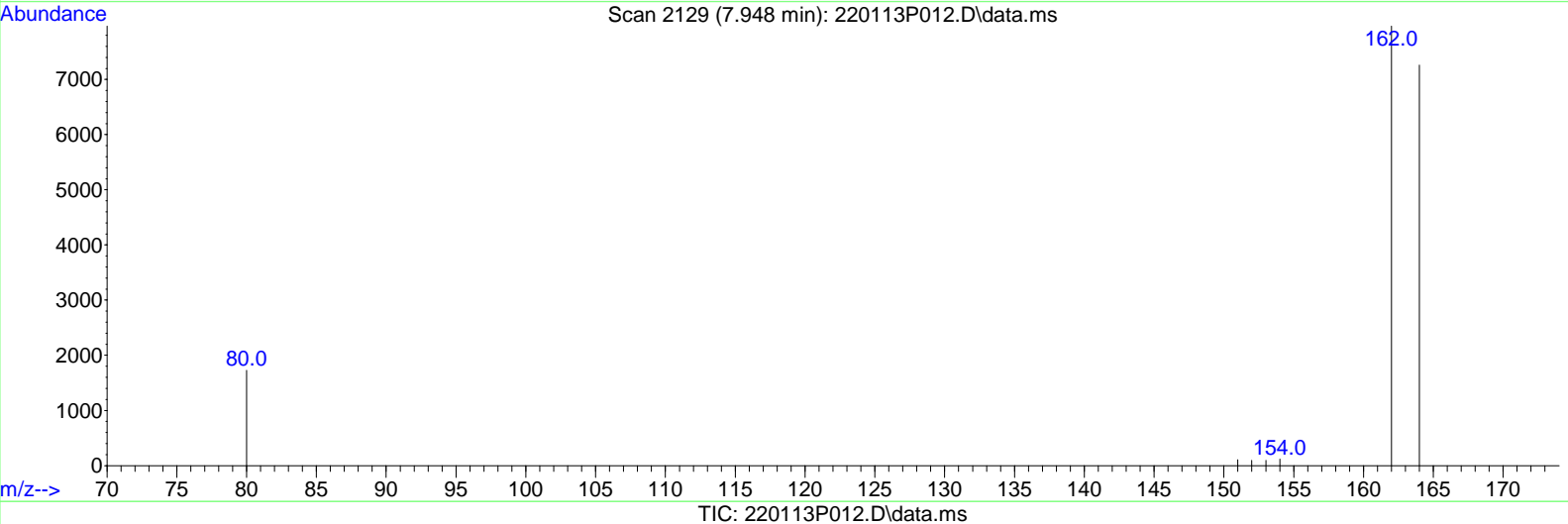
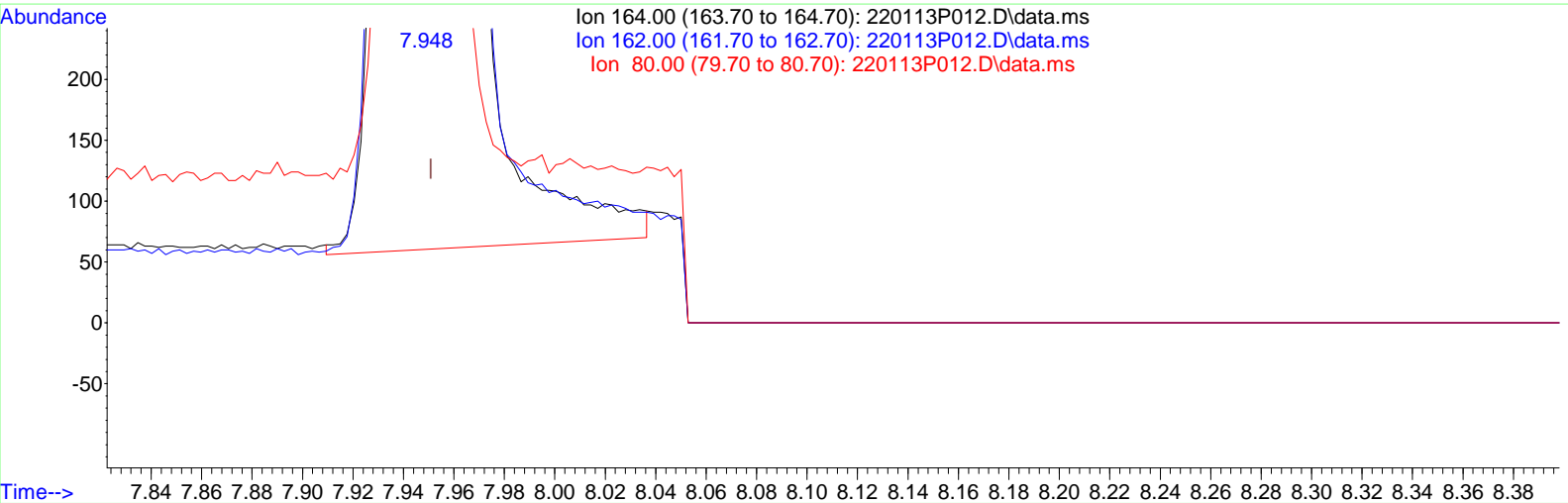
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



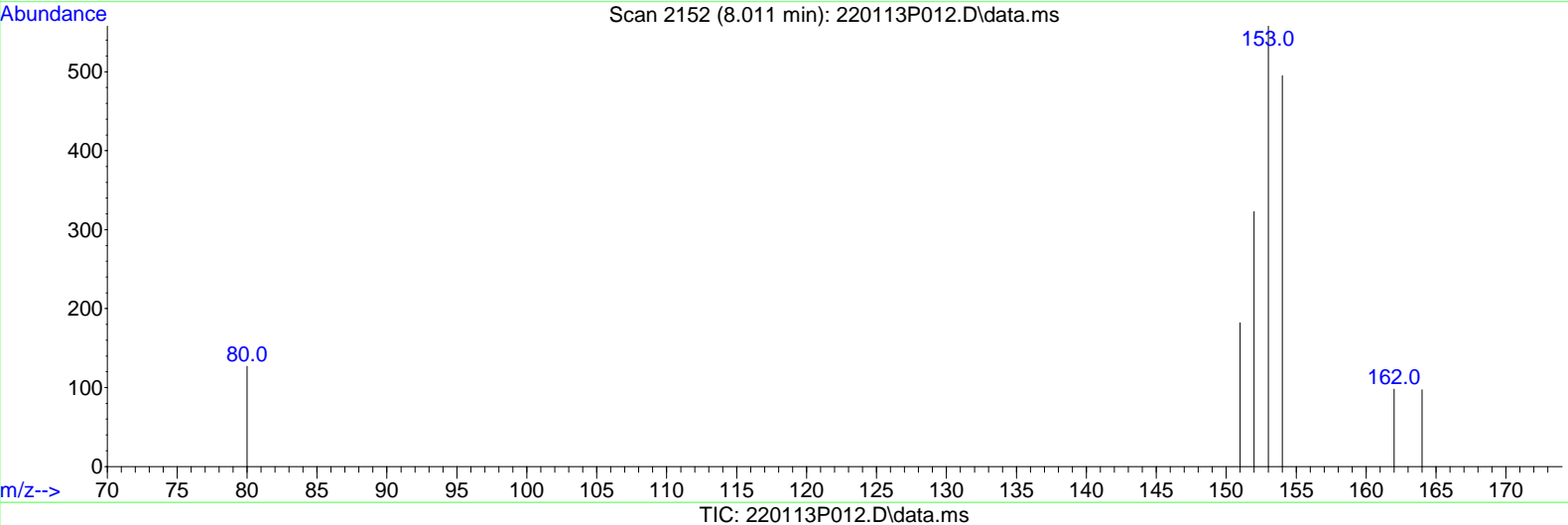
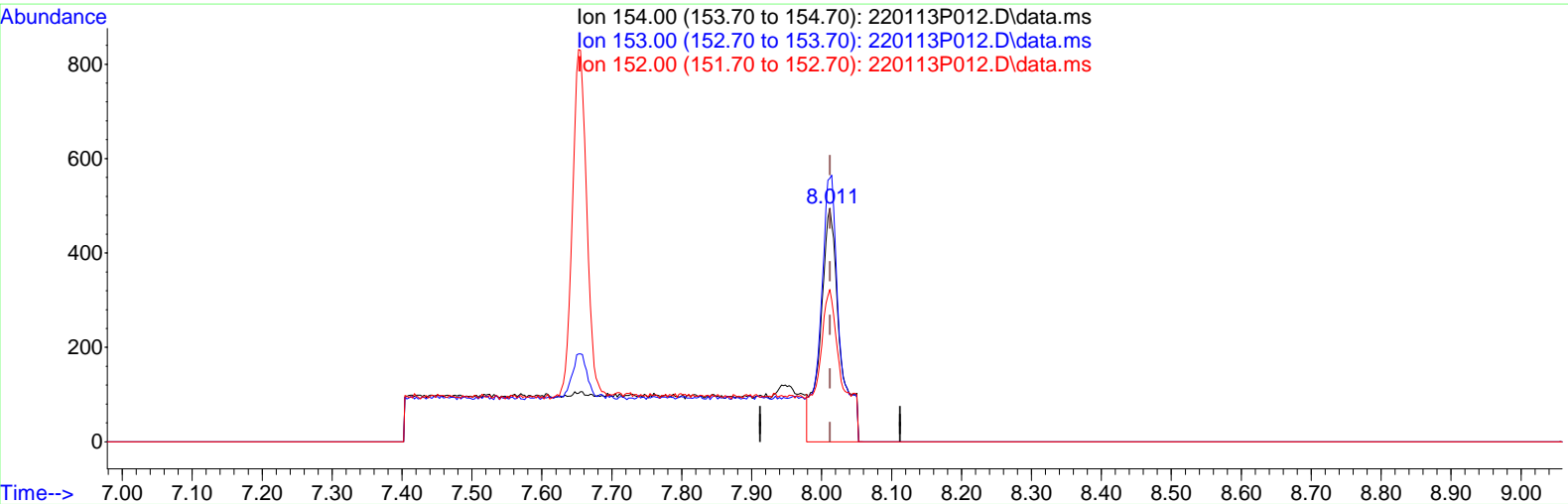
(7) Acenaphthene-d10 (IS) (I)

7.948min (-0.003) 4.000 ug/ml m

response	9749
Ion	Exp% Act%
164.00	100.00 100.00
162.00	106.70 113.12
80.00	22.00 22.38
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

8.011min (-0.001) 0.384 ug/ml

response 927

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	109.82
152.00	53.40	75.08
0.00	0.00	0.00

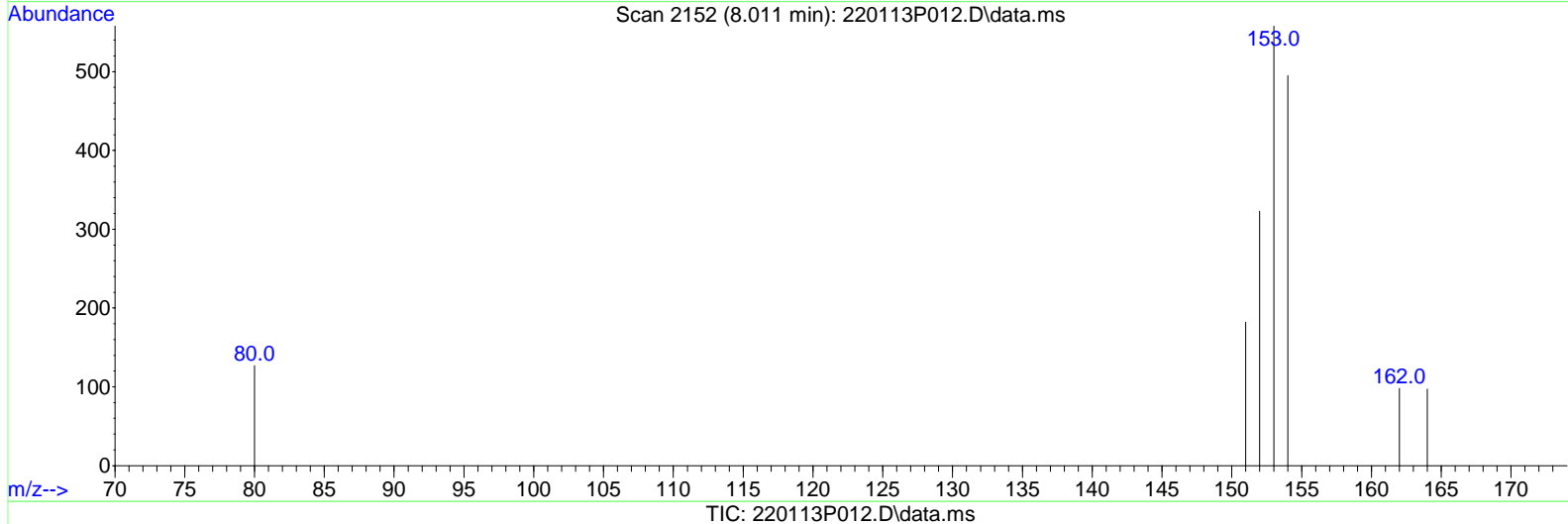
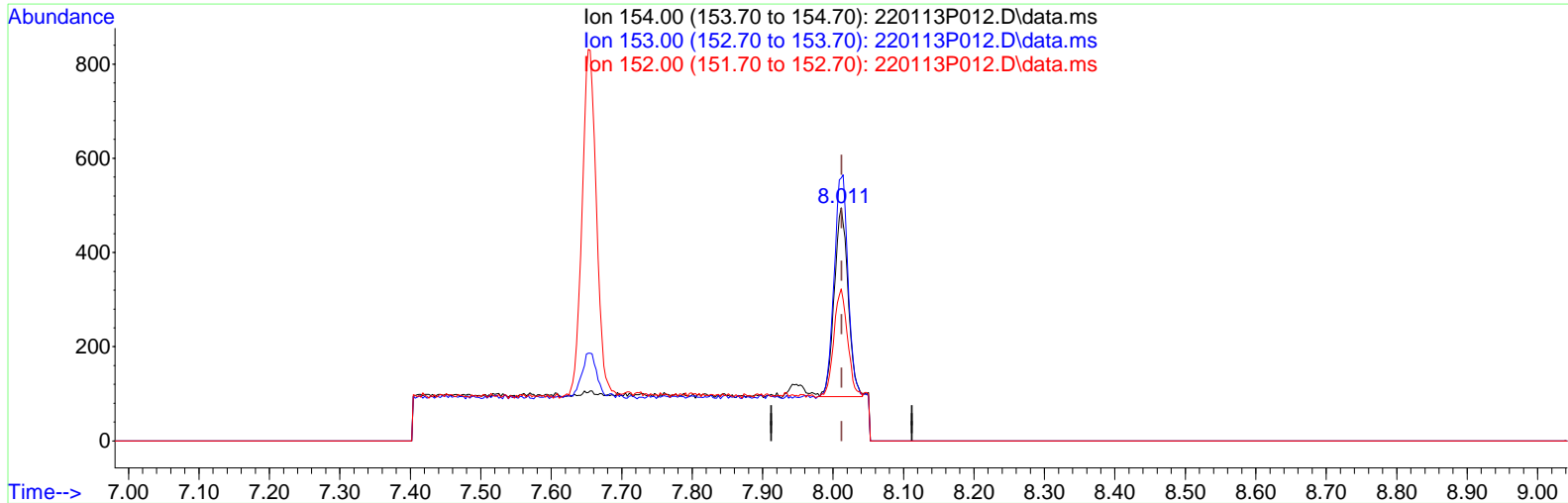
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

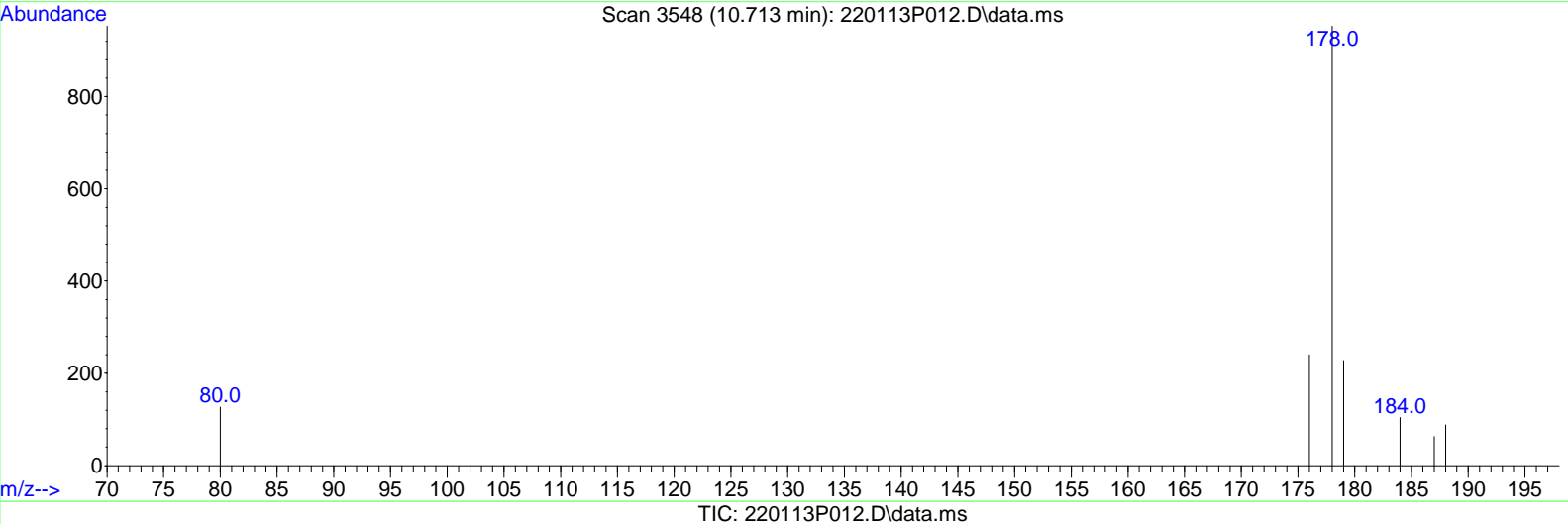
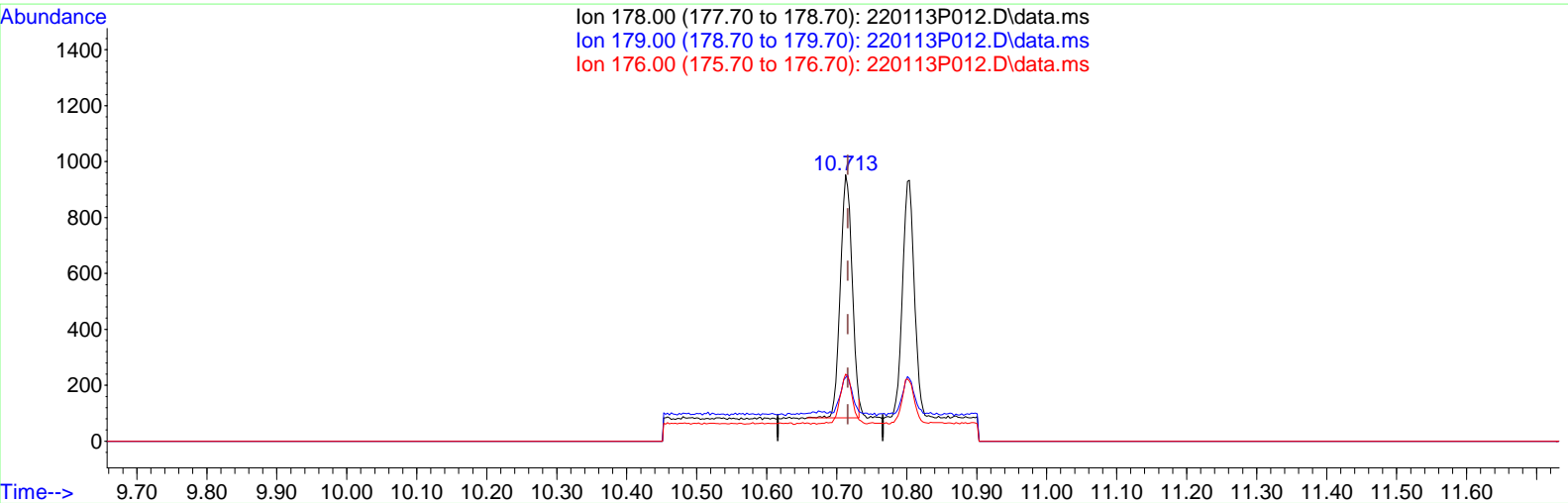
8.011min (-0.001) 0.227 ug/ml m

response 549

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	185.43#
152.00	53.40	126.78#
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.713min (-0.003) 0.223 ug/ml

response 1022

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.22
176.00	18.90	20.16
0.00	0.00	0.00

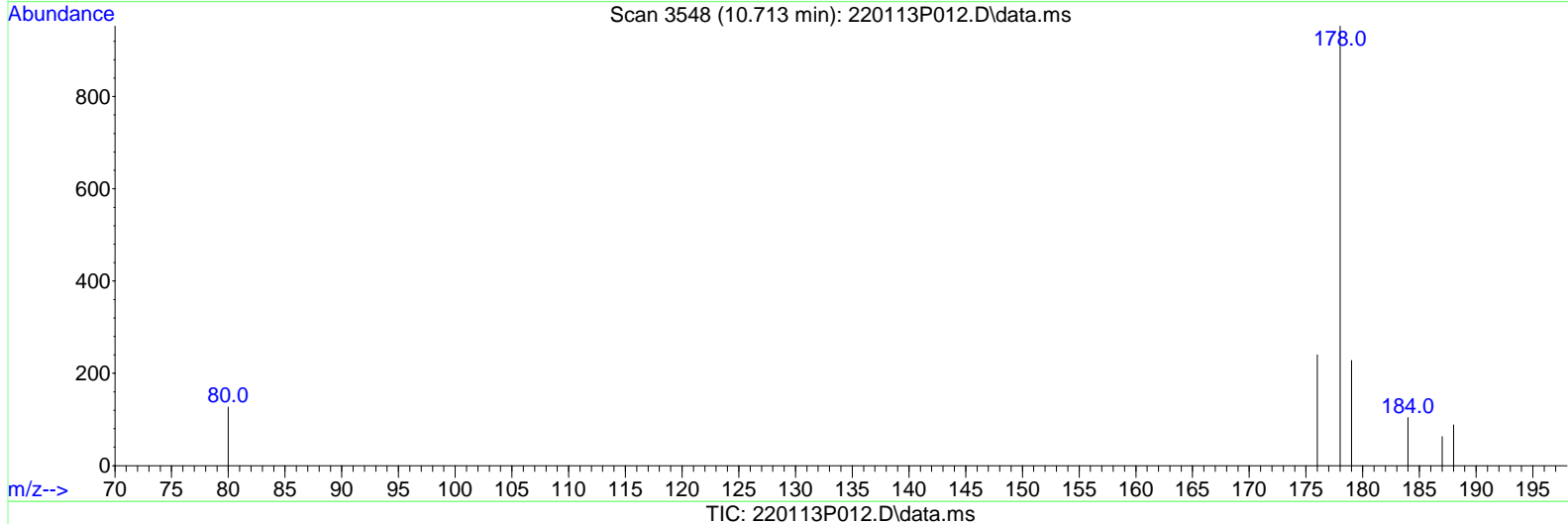
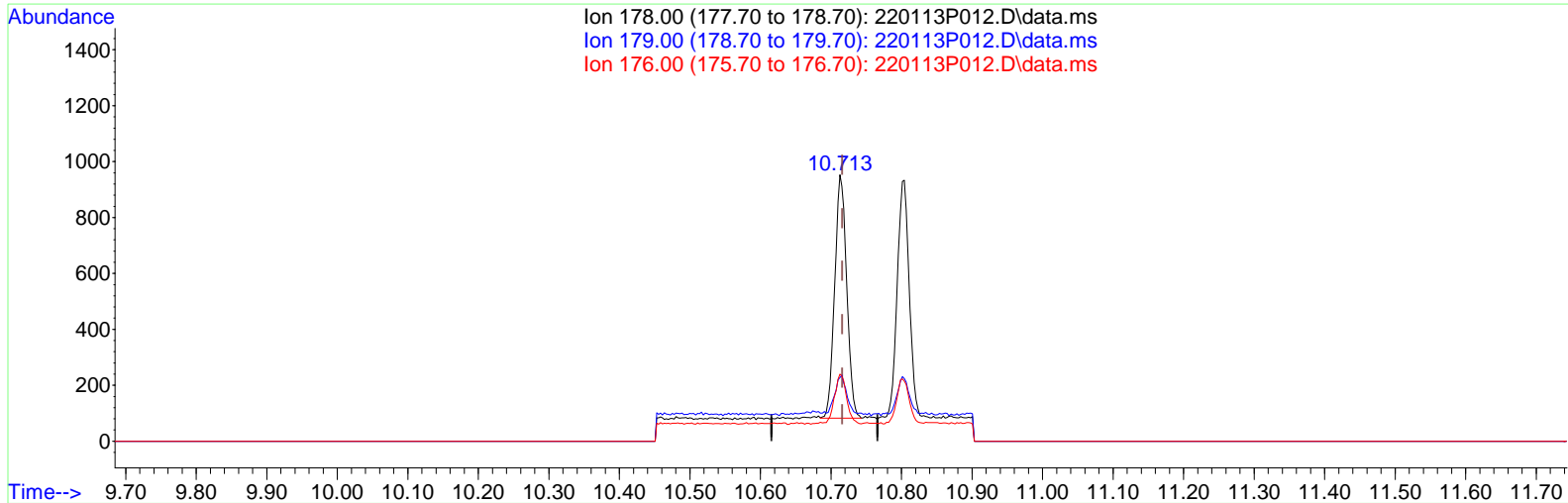
Manual Integration Reasons

1. Incomplete Integration

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

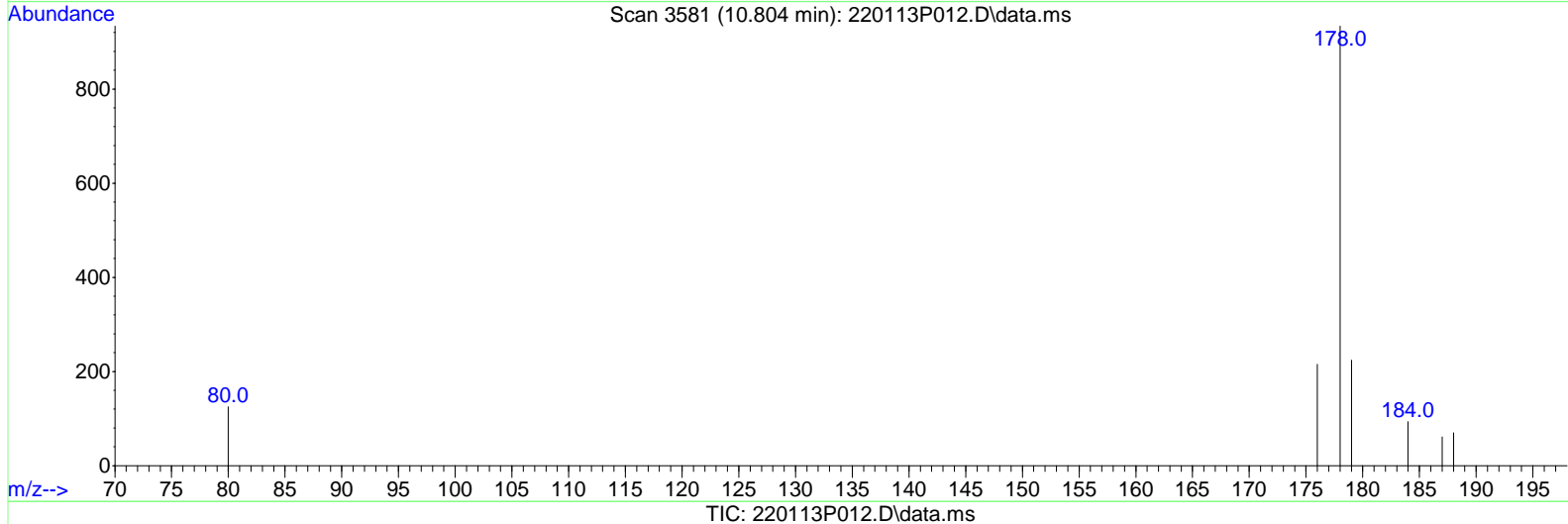
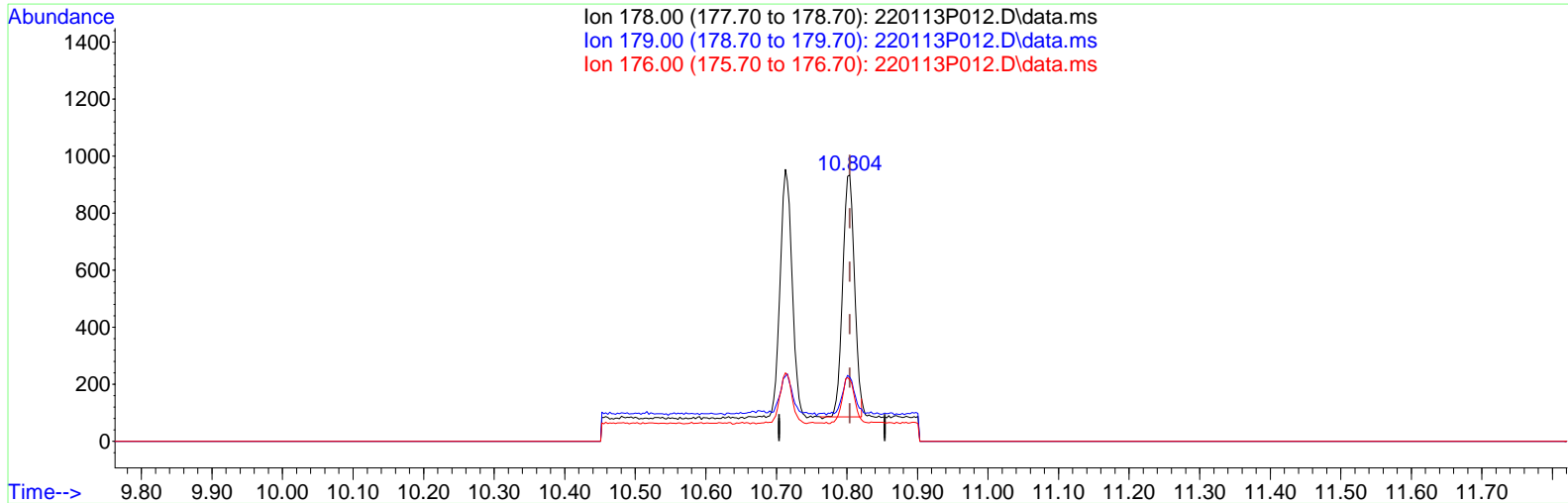
10.713min (-0.003) 0.224 ug/ml m

response 1030

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.09
176.00	18.90	20.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.804min (-0.000) 0.223 ug/ml

response 991

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	16.85
176.00	18.20	19.17
0.00	0.00	0.00

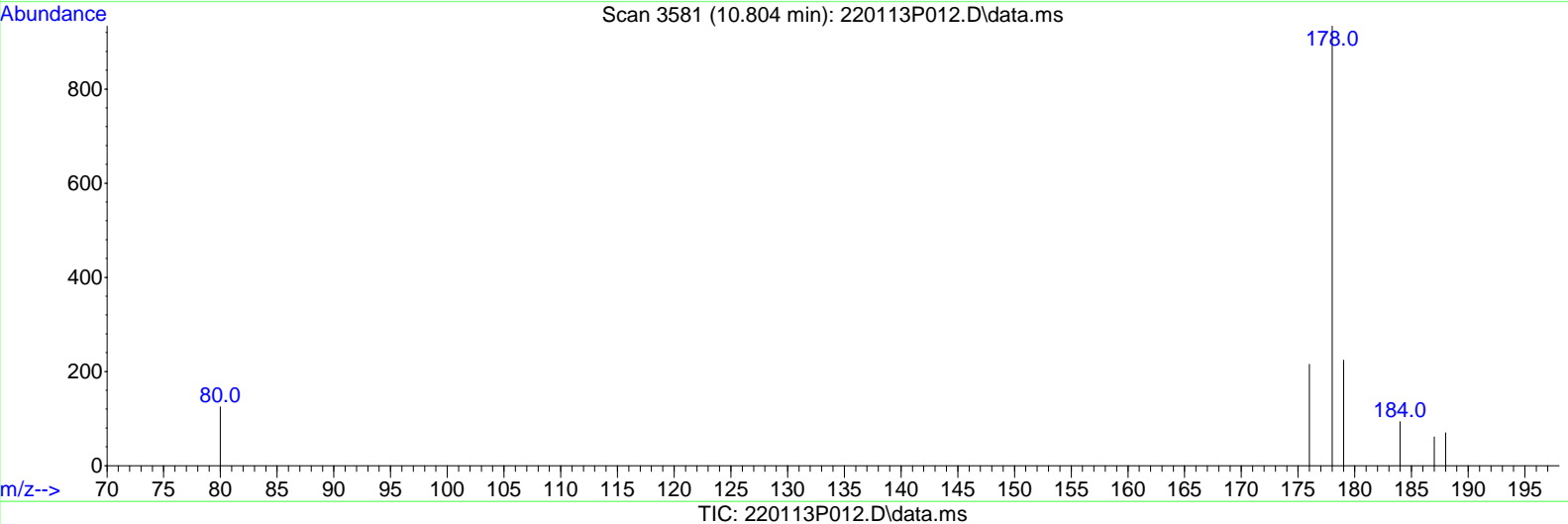
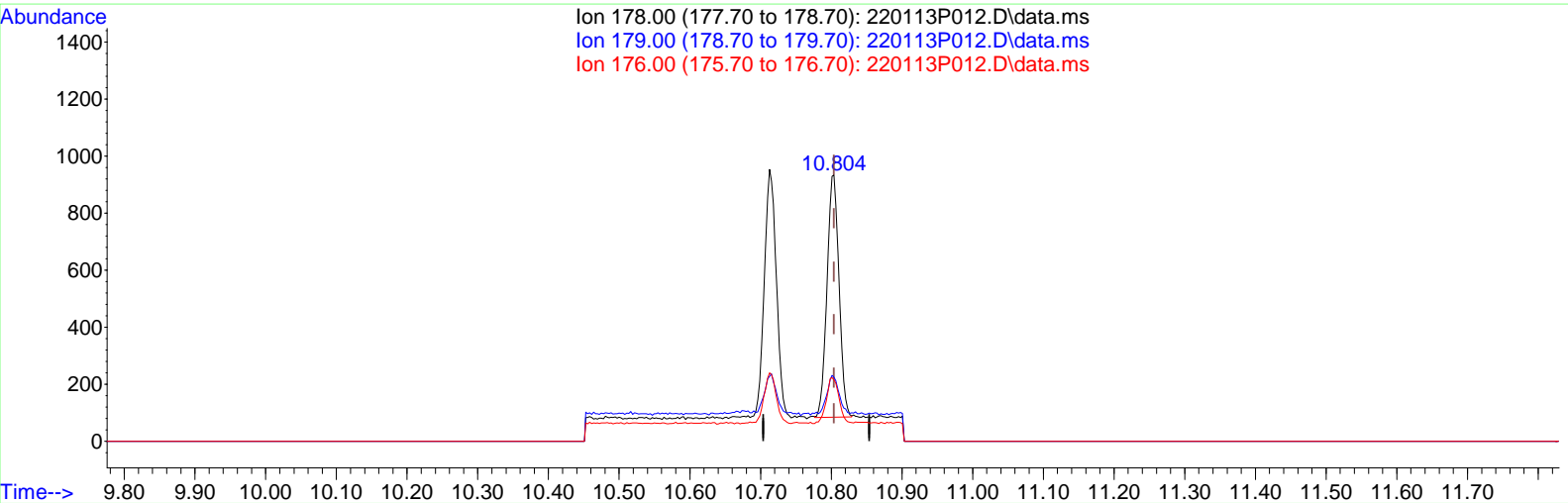
Manual Integration Reasons

1. Incomplete Integration

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P012.D
 Acq On : 13 Jan 2022 4:25 pm
 Operator : BDE
 Sample : ICAL 3
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 10:05:59 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.804min (-0.000) 0.225 ug/ml m

response 1001

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	16.68
176.00	18.20	18.98
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P013.D
 Acq On : 13 Jan 2022 4:52 pm
 Operator : BDE
 Sample : ICAL 4
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 14 10:06:04 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE

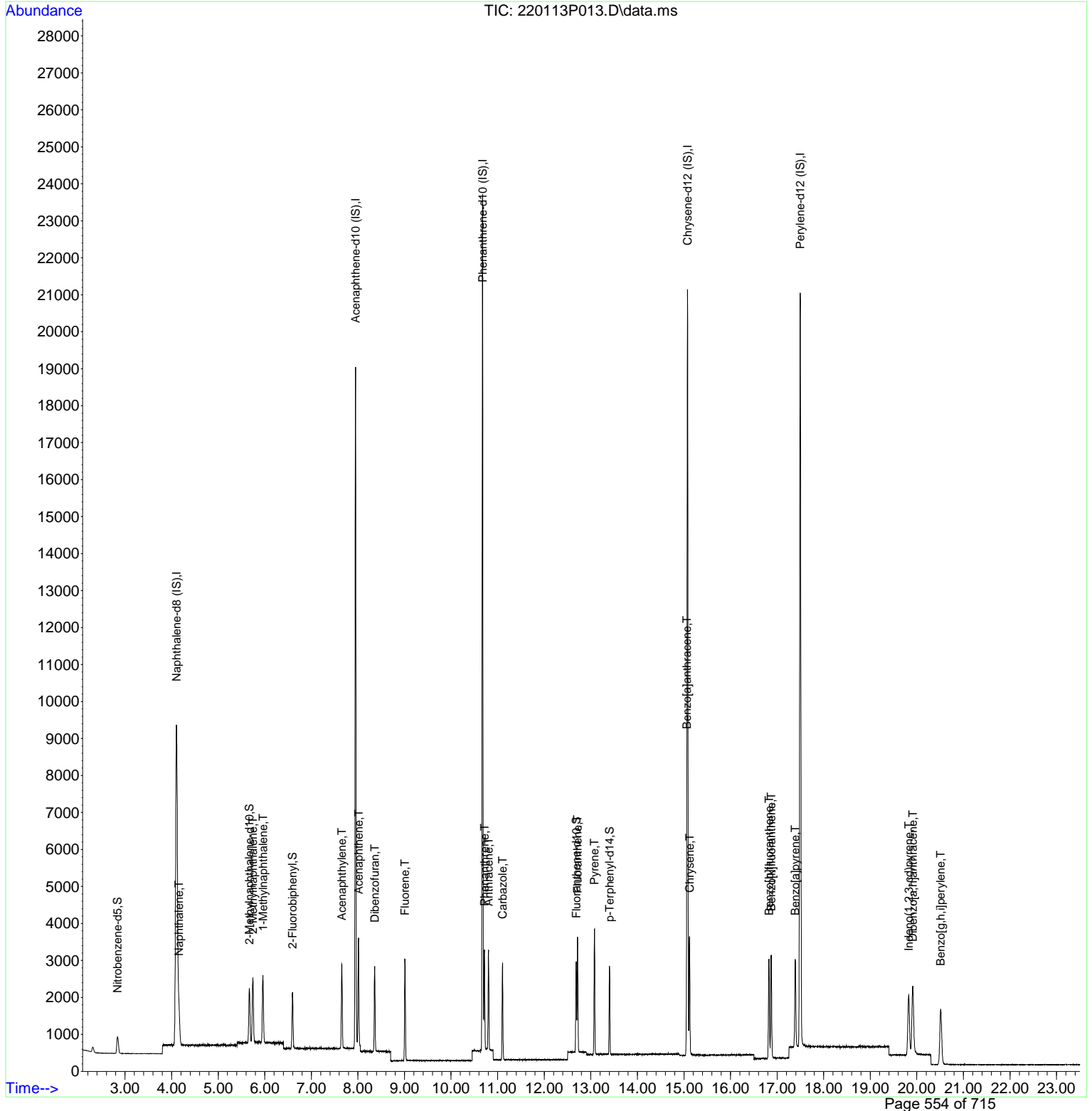
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Naphthalene-d8 (IS)	4.105	136	20363	4.000	ug/ml	0.00	
7) Acenaphthene-d10 (IS)	7.948	164	10538m	4.000	ug/ml	0.00	
13) Phenanthrene-d10 (IS)	10.676	188	20603	4.000	ug/ml	0.00	
19) Chrysene-d12 (IS)	15.076	240	19062	4.000	ug/ml	0.00	
24) Perylene-d12 (IS)	17.495	264	21142	4.000	ug/ml	0.00	
System Monitoring Compounds							
2) Nitrobenzene-d5	2.839	82	618	0.484	ug/ml	0.00	
4) 2-Methylnaphthalene-d10	5.669	152	1288	0.485	ug/ml	0.00	
8) 2-Fluorobiphenyl	6.596	172	1764	0.490	ug/ml	0.00	
17) Fluoranthene-d10	12.688	212	2368	0.501	ug/ml	0.00	
21) p-Terphenyl-d14	13.401	244	1981	0.485	ug/ml	0.00	
Target Compounds							
							Qvalue
3) Naphthalene	4.156	128	2240	0.485	ug/ml		98
5) 2-Methylnaphthalene	5.744	142	1463	0.491	ug/ml		97
6) 1-Methylnaphthalene	5.960	142	1399	0.489	ug/ml		94
9) Acenaphthylene	7.652	152	2473	0.480	ug/ml		96
10) Acenaphthene	8.011	154	1281m	0.491	ug/ml		
11) Dibenzofuran	8.358	168	2071	0.484	ug/ml#		100
12) Fluorene	9.008	166	1634	0.487	ug/ml		97
14) Phenanthrene	10.714	178	2422m	0.492	ug/ml		
15) Anthracene	10.803	178	2348m	0.493	ug/ml		
16) Carbazole	11.105	167	2362	0.496	ug/ml		100
18) Fluoranthene	12.714	202	2867	0.496	ug/ml		99
20) Pyrene	13.080	202	2982	0.476	ug/ml		99
22) Benzo[a]anthracene	15.062	228	2867	0.483	ug/ml		98
23) Chrysene	15.117	228	2673	0.481	ug/ml		98
25) Benzo[b]fluoranthene	16.826	252	3066	0.492	ug/ml		97
26) Benzo[k]fluoranthene	16.873	252	3079	0.496	ug/ml		97
27) Benzo[a]pyrene	17.390	252	2932	0.482	ug/ml		100
28) Indeno(1,2,3-cd)pyrene	19.825	276	2847	0.485	ug/ml		98
29) Dibenzo[a,h]anthracene	19.912	278	2792	0.486	ug/ml		98
30) Benzo[g,h,i]perylene	20.512	276	3065	0.482	ug/ml		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P013.D
 Acq On : 13 Jan 2022 4:52 pm
 Operator : BDE
 Sample : ICAL 4
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 14 10:06:04 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P014.D
 Acq On : 13 Jan 2022 5:19 pm
 Operator : BDE
 Sample : ICAL 5
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 14 10:06:07 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE

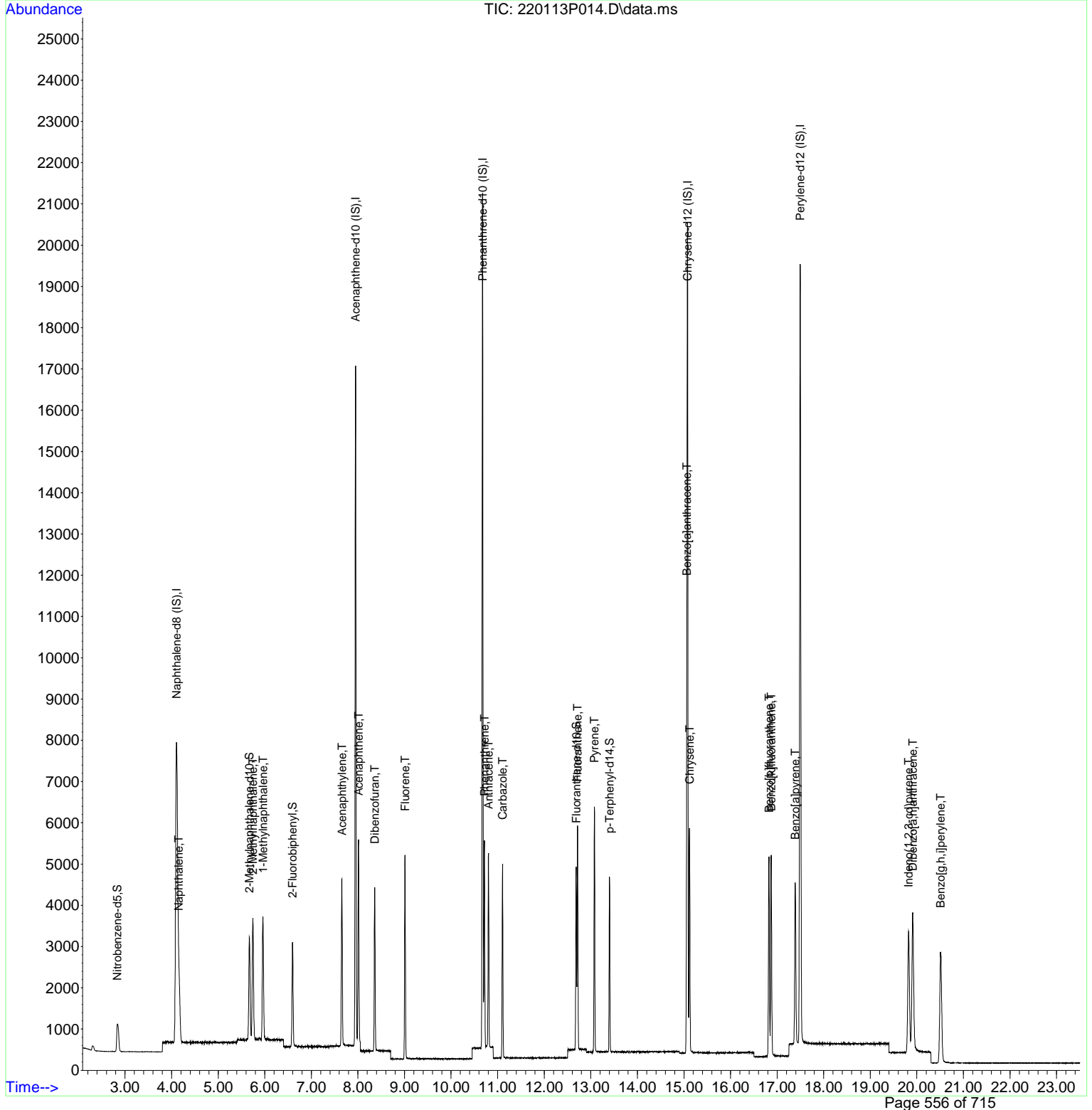
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.105	136	18839	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.951	164	9737m	4.000	ug/ml	0.00
13) Phenanthrene-d10 (IS)	10.676	188	19413	4.000	ug/ml	0.00
19) Chrysene-d12 (IS)	15.076	240	17929	4.000	ug/ml	0.00
24) Perylene-d12 (IS)	17.495	264	19962	4.000	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	2.833	82	1047	0.886	ug/ml	0.00
4) 2-Methylnaphthalene-d10	5.669	152	2209	0.900	ug/ml	0.00
8) 2-Fluorobiphenyl	6.594	172	3113	0.935	ug/ml	0.00
17) Fluoranthene-d10	12.685	212	4130	0.928	ug/ml	0.00
21) p-Terphenyl-d14	13.401	244	3438	0.895	ug/ml	0.00
Target Compounds						
						Qvalue
3) Naphthalene	4.154	128	3917	0.917	ug/ml	100
5) 2-Methylnaphthalene	5.743	142	2536	0.920	ug/ml	97
6) 1-Methylnaphthalene	5.960	142	2443	0.923	ug/ml	95
9) Acenaphthylene	7.655	152	4336	0.911	ug/ml	98
10) Acenaphthene	8.011	154	2221m	0.920	ug/ml	
11) Dibenzofuran	8.360	168	3632	0.919	ug/ml#	100
12) Fluorene	9.010	166	2868	0.925	ug/ml	98
14) Phenanthrene	10.714	178	4217m	0.910	ug/ml	
15) Anthracene	10.803	178	4105m	0.915	ug/ml	
16) Carbazole	11.105	167	4091	0.911	ug/ml	100
18) Fluoranthene	12.717	202	4996	0.918	ug/ml	98
20) Pyrene	13.077	202	5169	0.877	ug/ml	99
22) Benzo[a]anthracene	15.062	228	4990	0.905	ug/ml	98
23) Chrysene	15.117	228	4732	0.905	ug/ml	98
25) Benzo[b]fluoranthene	16.825	252	5384	0.924	ug/ml	98
26) Benzo[k]fluoranthene	16.872	252	5358	0.914	ug/ml	97
27) Benzo[a]pyrene	17.387	252	5160	0.898	ug/ml	100
28) Indeno(1,2,3-cd)pyrene	19.822	276	5084	0.918	ug/ml	98
29) Dibenzo[a,h]anthracene	19.915	278	4939	0.911	ug/ml	97
30) Benzo[g,h,i]perylene	20.508	276	5489	0.914	ug/ml	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P014.D
 Acq On : 13 Jan 2022 5:19 pm
 Operator : BDE
 Sample : ICAL 5
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 14 10:06:07 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P015.D
 Acq On : 13 Jan 2022 5:46 pm
 Operator : BDE
 Sample : ICAL 6
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 14 10:06:10 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE

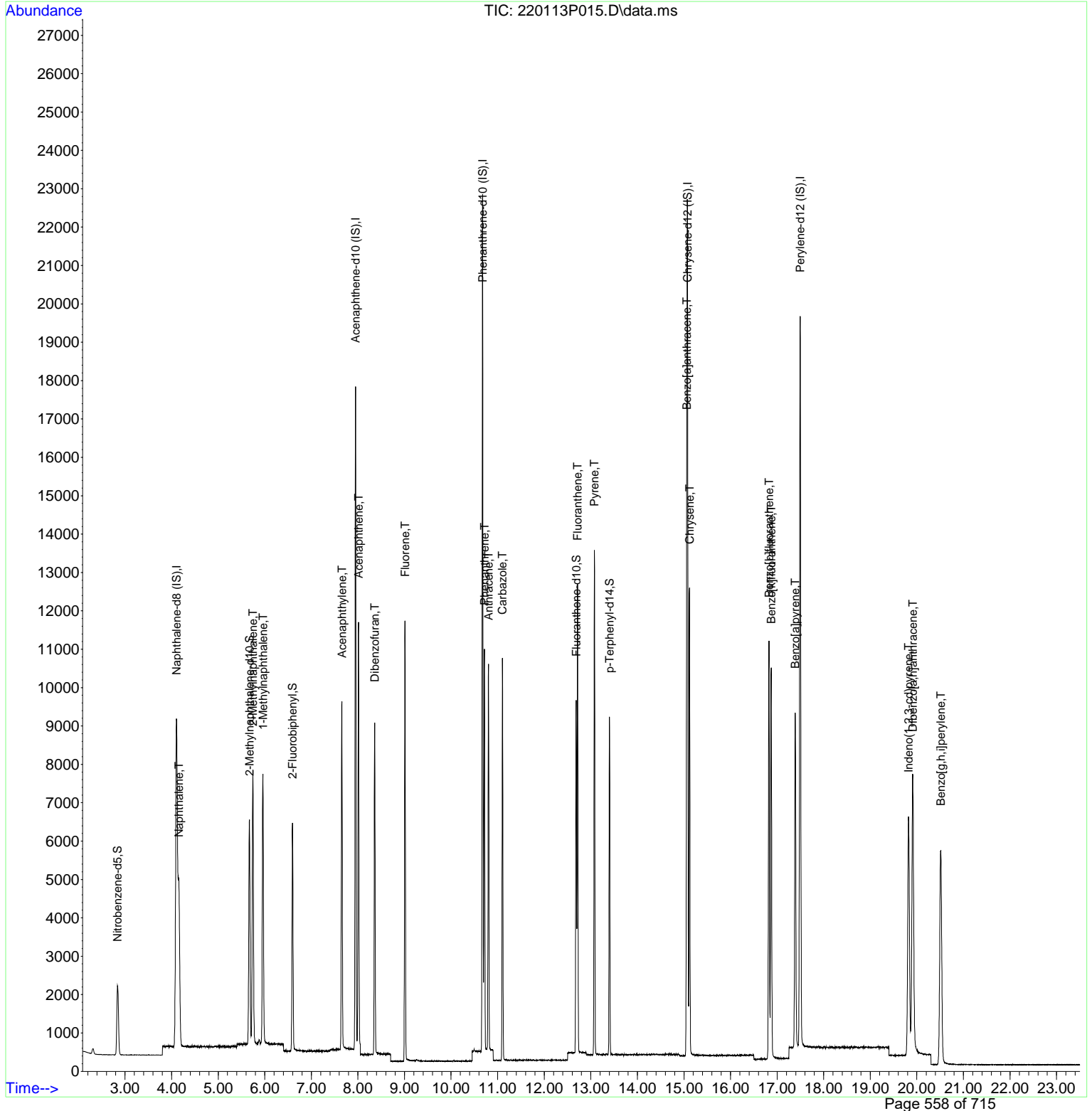
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.105	136	19736	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.948	164	10167m	4.000	ug/ml	0.00
13) Phenanthrene-d10 (IS)	10.676	188	20233	4.000	ug/ml	0.00
19) Chrysene-d12 (IS)	15.074	240	18201	4.000	ug/ml	0.00
24) Perylene-d12 (IS)	17.495	264	20244	4.000	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	2.839	82	2377	1.920	ug/ml	0.00
4) 2-Methylnaphthalene-d10	5.671	152	4953	1.926	ug/ml	0.00
8) 2-Fluorobiphenyl	6.594	172	7006	2.016	ug/ml	0.00
17) Fluoranthene-d10	12.685	212	9031	1.946	ug/ml	0.00
21) p-Terphenyl-d14	13.401	244	7603	1.951	ug/ml	0.00
Target Compounds						
						Qvalue
3) Naphthalene	4.156	128	8888	1.987	ug/ml	100
5) 2-Methylnaphthalene	5.744	142	5760	1.994	ug/ml	96
6) 1-Methylnaphthalene	5.960	142	5510	1.987	ug/ml	97
9) Acenaphthylene	7.655	152	9627	1.937	ug/ml	99
10) Acenaphthene	8.011	154	4954m	1.966	ug/ml	
11) Dibenzofuran	8.360	168	8176	1.982	ug/ml#	100
12) Fluorene	9.010	166	6361	1.964	ug/ml	97
14) Phenanthrene	10.714	178	9431m	1.953	ug/ml	
15) Anthracene	10.803	178	9117m	1.950	ug/ml	
16) Carbazole	11.103	167	9089	1.942	ug/ml	99
18) Fluoranthene	12.717	202	10987	1.937	ug/ml	99
20) Pyrene	13.077	202	11397	1.905	ug/ml	99
22) Benzo[a]anthracene	15.059	228	10803	1.946	ug/ml	98
23) Chrysene	15.118	228	10352	1.950	ug/ml	98
25) Benzo[b]fluoranthene	16.826	252	11461	1.952	ug/ml	98
26) Benzo[k]fluoranthene	16.873	252	11574	1.948	ug/ml	98
27) Benzo[a]pyrene	17.390	252	11256	1.931	ug/ml	100
28) Indeno(1,2,3-cd)pyrene	19.820	276	11051	1.967	ug/ml	98
29) Dibenzo[a,h]anthracene	19.912	278	10751	1.955	ug/ml	98
30) Benzo[g,h,i]perylene	20.514	276	11806	1.939	ug/ml	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P015.D
 Acq On : 13 Jan 2022 5:46 pm
 Operator : BDE
 Sample : ICAL 6
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 14 10:06:10 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P016.D
 Acq On : 13 Jan 2022 6:13 pm
 Operator : BDE
 Sample : ICAL 7
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 10 Sample Multiplier: 1

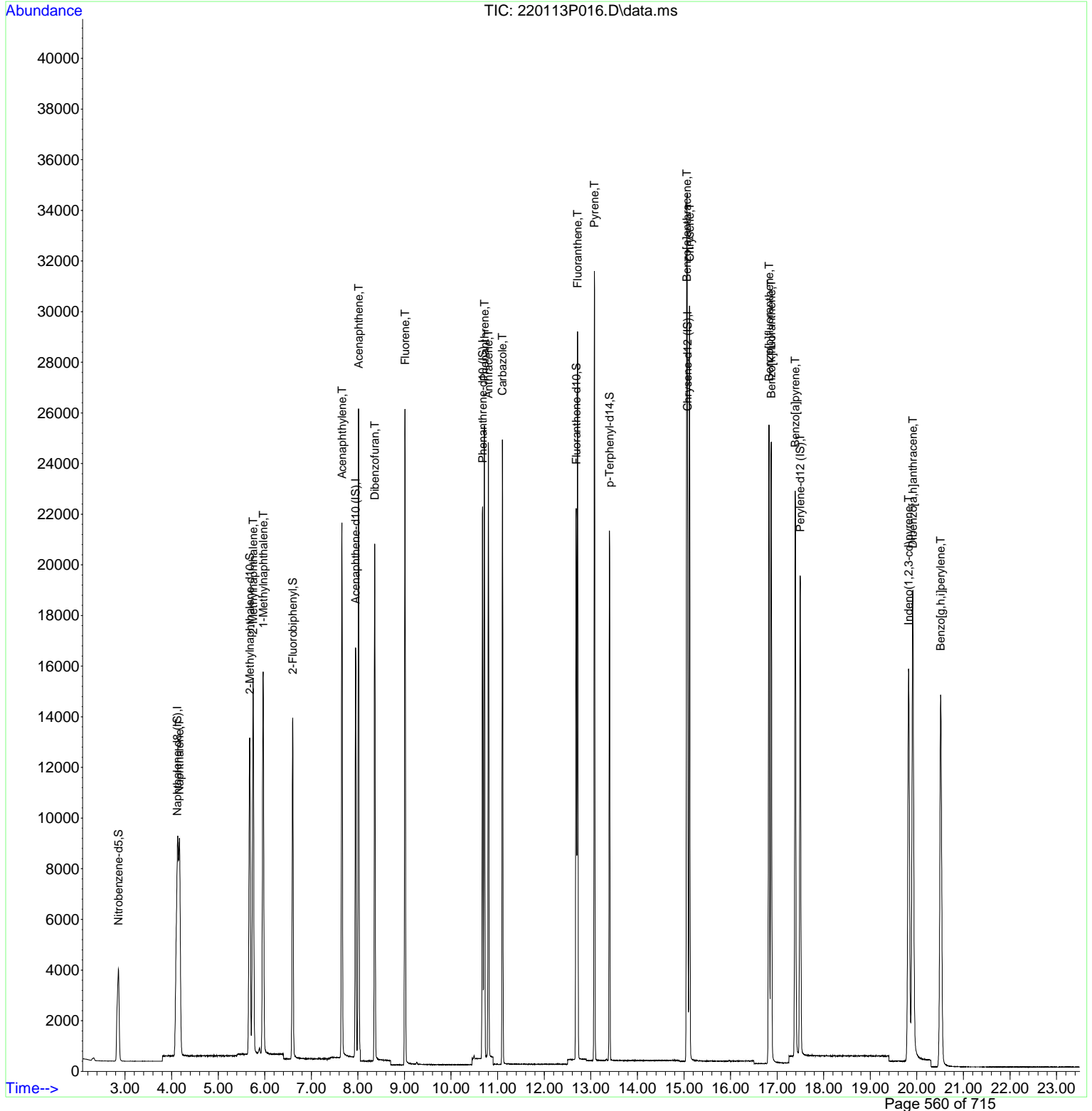
Quant Time: Jan 14 10:06:13 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8 (IS)	4.120	136	18683	4.000	ug/ml	0.01
7) Acenaphthene-d10 (IS)	7.951	164	9648m	4.000	ug/ml	0.00
13) Phenanthrene-d10 (IS)	10.677	188	19218	4.000	ug/ml	0.00
19) Chrysene-d12 (IS)	15.076	240	17421	4.000	ug/ml	0.00
24) Perylene-d12 (IS)	17.495	264	19277	4.000	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	2.855	82	5702	4.866	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.676	152	11835	4.860	ug/ml	0.00
8) 2-Fluorobiphenyl	6.600	172	16628	5.042	ug/ml	0.00
17) Fluoranthene-d10	12.685	212	21794	4.944	ug/ml	0.00
21) p-Terphenyl-d14	13.402	244	18140	4.862	ug/ml	0.00
Target Compounds						
						Qvalue
3) Naphthalene	4.168	128	21128	4.990	ug/ml	100
5) 2-Methylnaphthalene	5.749	142	13641	4.989	ug/ml	97
6) 1-Methylnaphthalene	5.965	142	13120	4.997	ug/ml	97
9) Acenaphthylene	7.655	152	23372	4.956	ug/ml	99
10) Acenaphthene	8.014	154	11823m	4.945	ug/ml	
11) Dibenzofuran	8.360	168	19522	4.986	ug/ml#	100
12) Fluorene	9.010	166	15174	4.937	ug/ml	97
14) Phenanthrene	10.715	178	22655m	4.939	ug/ml	
15) Anthracene	10.801	178	21811m	4.911	ug/ml	
16) Carbazole	11.103	167	21656	4.871	ug/ml	99
18) Fluoranthene	12.717	202	26087	4.843	ug/ml	99
20) Pyrene	13.077	202	27076	4.729	ug/ml	98
22) Benzo[a]anthracene	15.060	228	26162	4.945	ug/ml	98
23) Chrysene	15.120	228	24831	4.888	ug/ml	98
25) Benzo[b]fluoranthene	16.826	252	27469	4.934	ug/ml	98
26) Benzo[k]fluoranthene	16.873	252	27817	4.915	ug/ml	98
27) Benzo[a]pyrene	17.390	252	27471	4.949	ug/ml	100
28) Indeno(1,2,3-cd)pyrene	19.823	276	27274	5.099	ug/ml	98
29) Dibenzo[a,h]anthracene	19.915	278	26534	5.067	ug/ml	98
30) Benzo[g,h,i]perylene	20.512	276	29004	5.002	ug/ml	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P016.D
 Acq On : 13 Jan 2022 6:13 pm
 Operator : BDE
 Sample : ICAL 7
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 14 10:06:13 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE

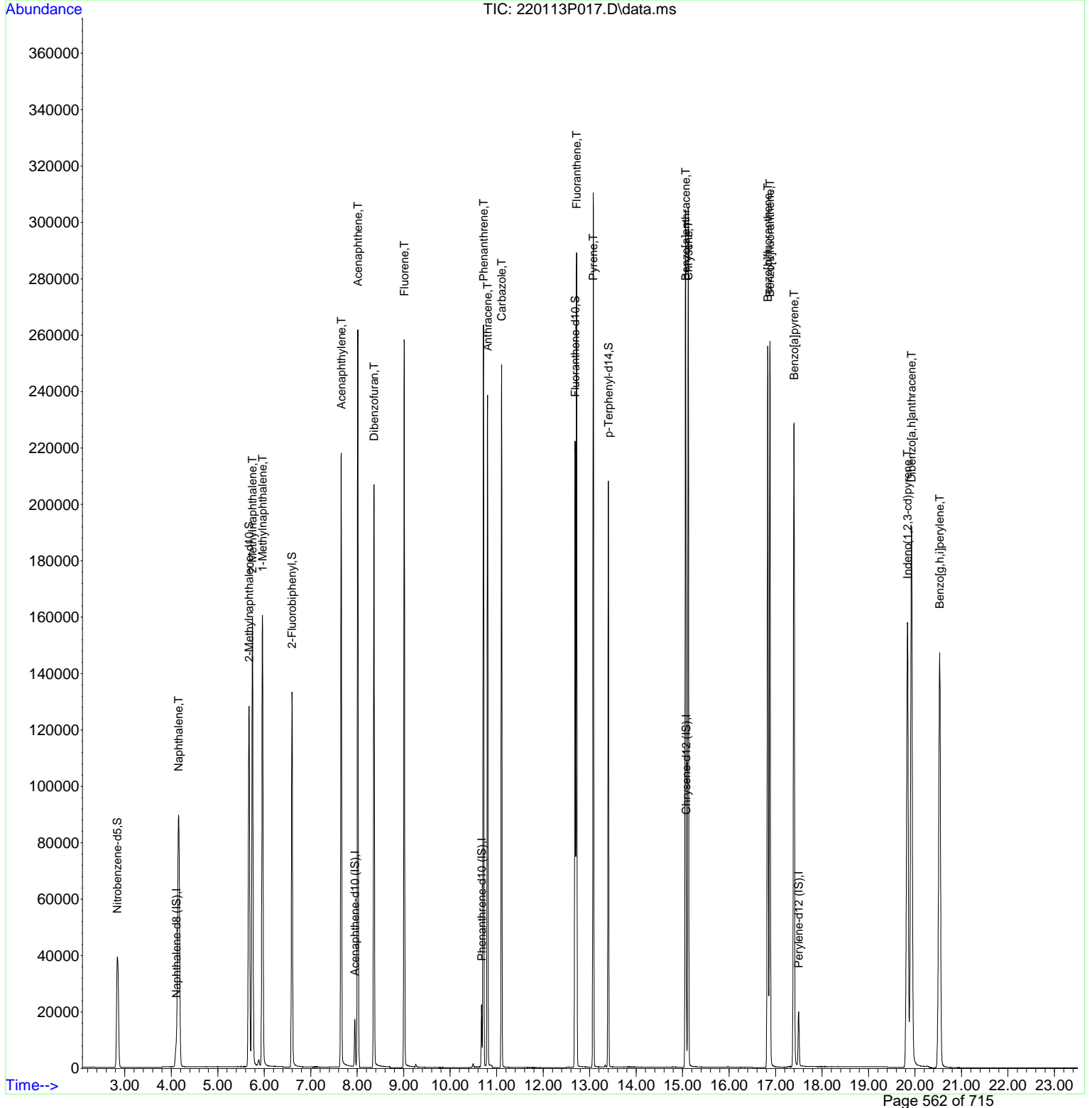
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Naphthalene-d8 (IS)	4.108	136	19091	4.000	ug/ml	0.00	
7) Acenaphthene-d10 (IS)	7.951	164	9886m	4.000	ug/ml	0.00	
13) Phenanthrene-d10 (IS)	10.677	188	19969	4.000	ug/ml	0.00	
19) Chrysene-d12 (IS)	15.079	240	17479	4.000	ug/ml	0.00	
24) Perylene-d12 (IS)	17.497	264	19951	4.000	ug/ml	0.00	
System Monitoring Compounds							
2) Nitrobenzene-d5	2.839	82	57979	48.419	ug/ml	0.00	
4) 2-Methylnaphthalene-d10	5.674	152	116140	46.677	ug/ml	0.00	
8) 2-Fluorobiphenyl	6.596	172	163382	48.346	ug/ml	0.00	
17) Fluoranthene-d10	12.688	212	215967	47.151	ug/ml	0.00	
21) p-Terphenyl-d14	13.404	244	182956	48.877	ug/ml	0.00	
Target Compounds							
							Qvalue
3) Naphthalene	4.159	128	210073	48.552	ug/ml		100
5) 2-Methylnaphthalene	5.746	142	134665	48.200	ug/ml		97
6) 1-Methylnaphthalene	5.963	142	131382	48.971	ug/ml		97
9) Acenaphthylene	7.655	152	237626	49.175	ug/ml		99
10) Acenaphthene	8.012	154	119138m	48.630	ug/ml		
11) Dibenzofuran	8.360	168	199063	49.617	ug/ml#		100
12) Fluorene	9.012	166	152783	48.512	ug/ml		98
14) Phenanthrene	10.716	178	227477m	47.725	ug/ml		
15) Anthracene	10.804	178	216315m	46.875	ug/ml		
16) Carbazole	11.107	167	216766	46.925	ug/ml		99
18) Fluoranthene	12.719	202	262366	46.874	ug/ml		98
20) Pyrene	13.080	202	275051	47.885	ug/ml		98
22) Benzo[a]anthracene	15.064	228	264755	50.315	ug/ml		98
23) Chrysene	15.122	228	253691	49.773	ug/ml		98
25) Benzo[b]fluoranthene	16.832	252	280008	49.514	ug/ml		98
26) Benzo[k]fluoranthene	16.879	252	282758m	48.277	ug/ml		
27) Benzo[a]pyrene	17.397	252	286709	49.908	ug/ml		100
28) Indeno(1,2,3-cd)pyrene	19.839	276	279299	50.455	ug/ml		98
29) Dibenzo[a,h]anthracene	19.926	278	272265	50.235	ug/ml		98
30) Benzo[g,h,i]perylene	20.532	276	290941	48.476	ug/ml		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

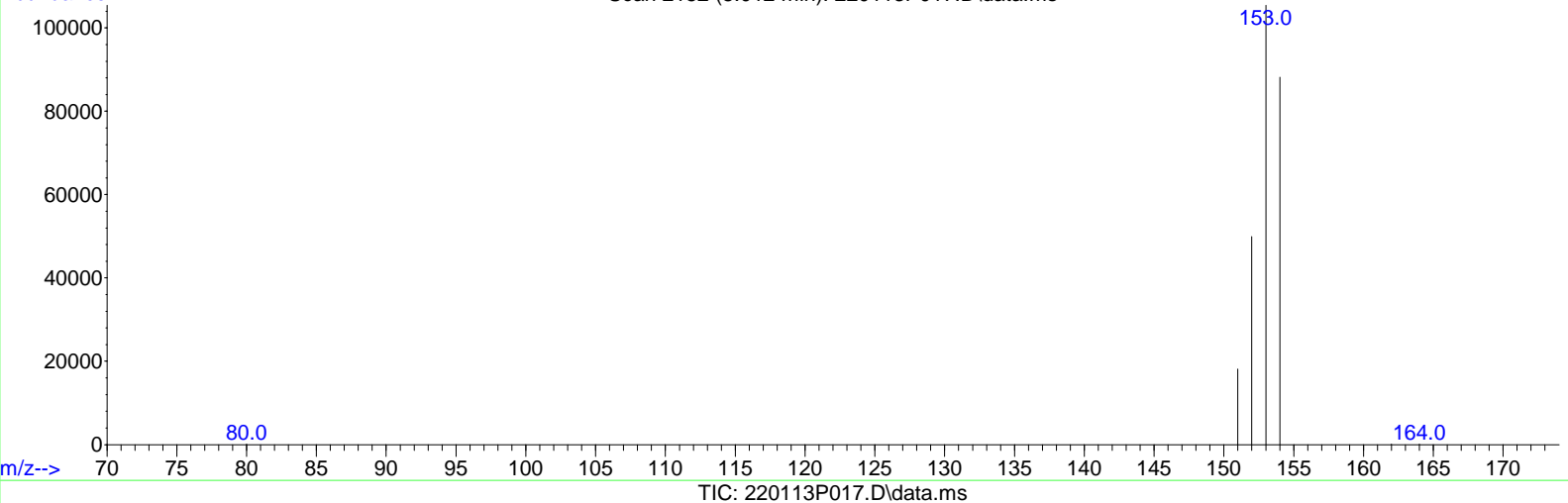
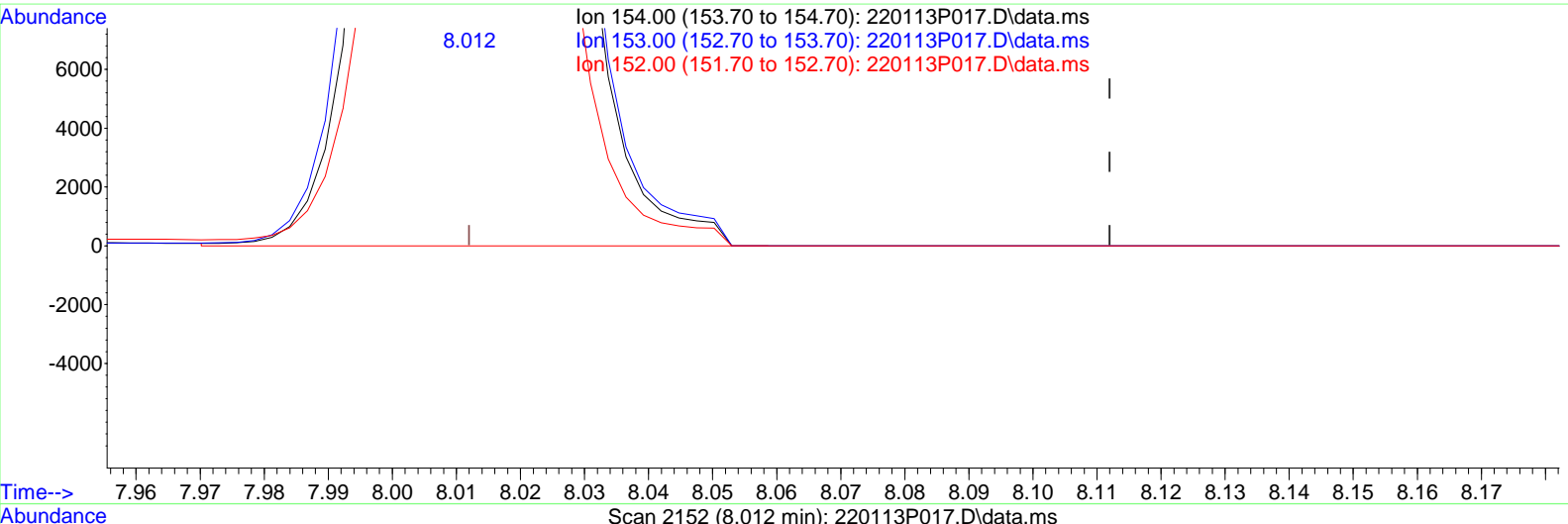
Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

8.012min (-0.000) 47.582 ug/ml

response 116572

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	120.13
152.00	53.40	56.94
0.00	0.00	0.00

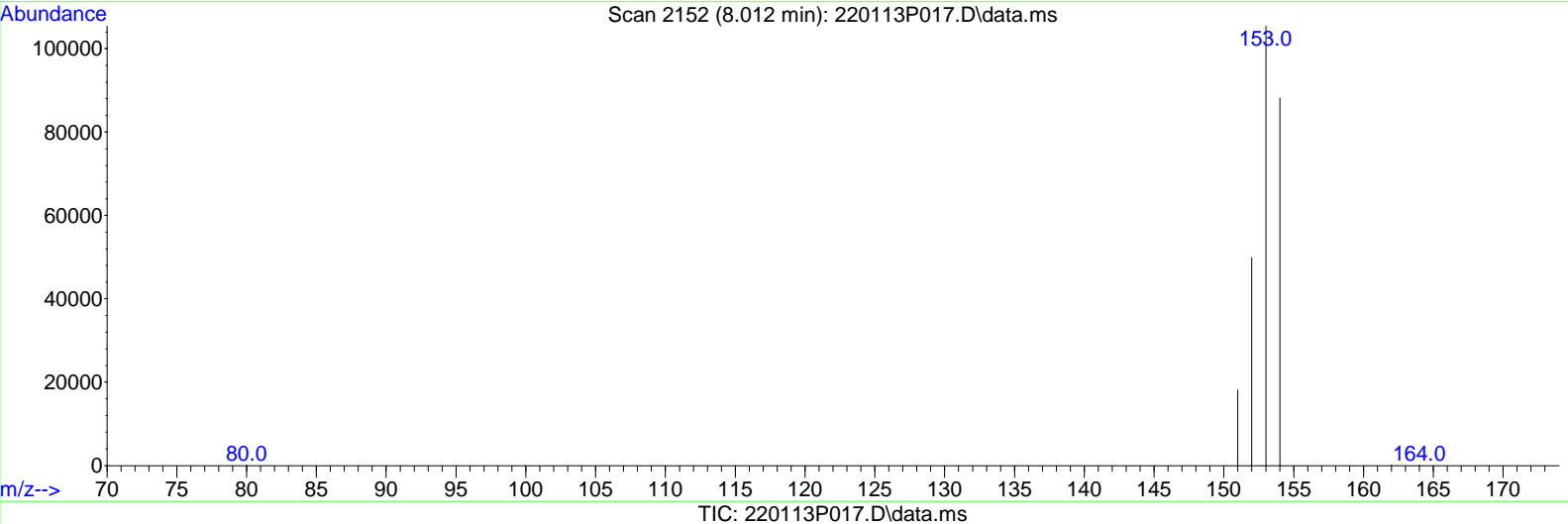
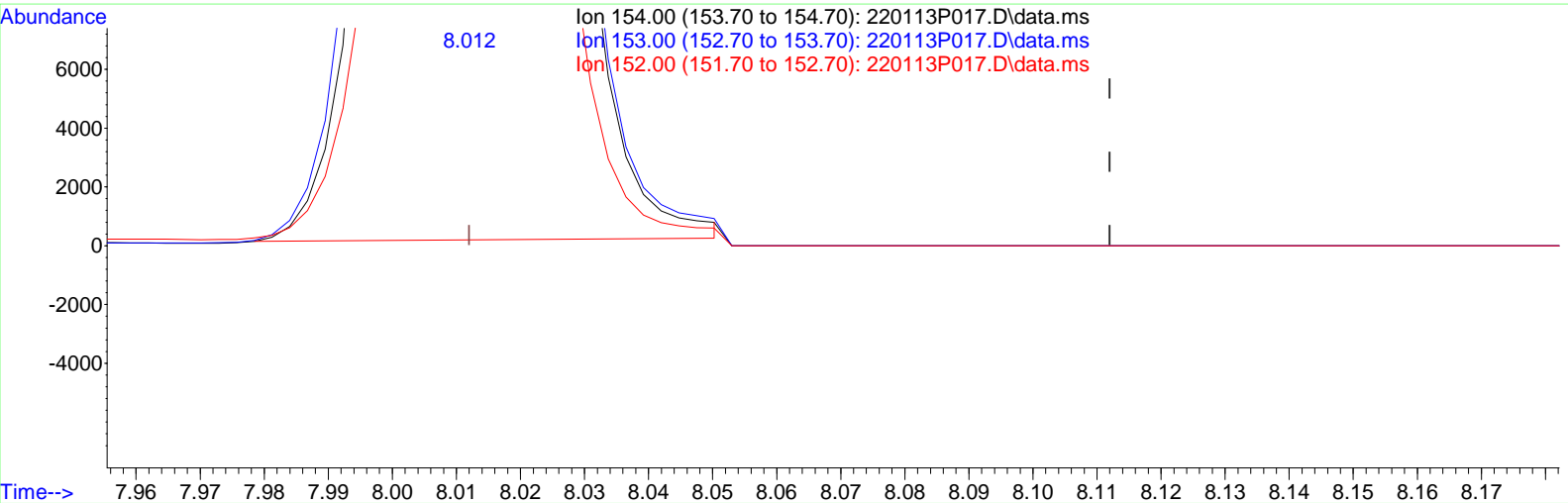
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

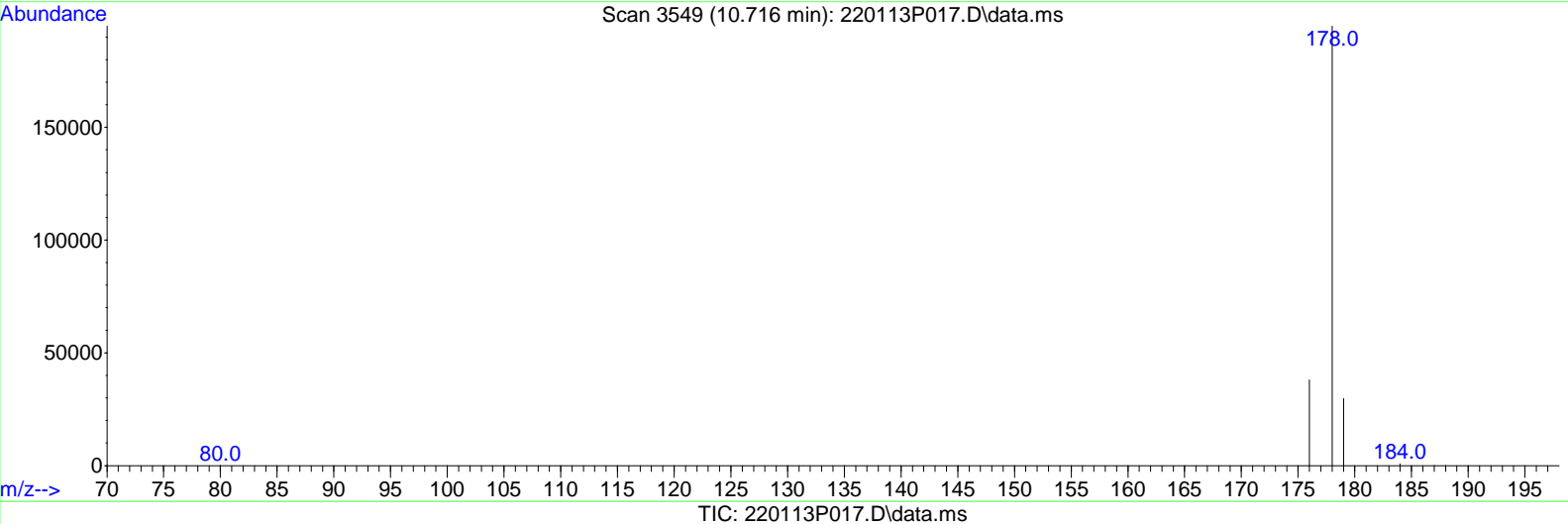
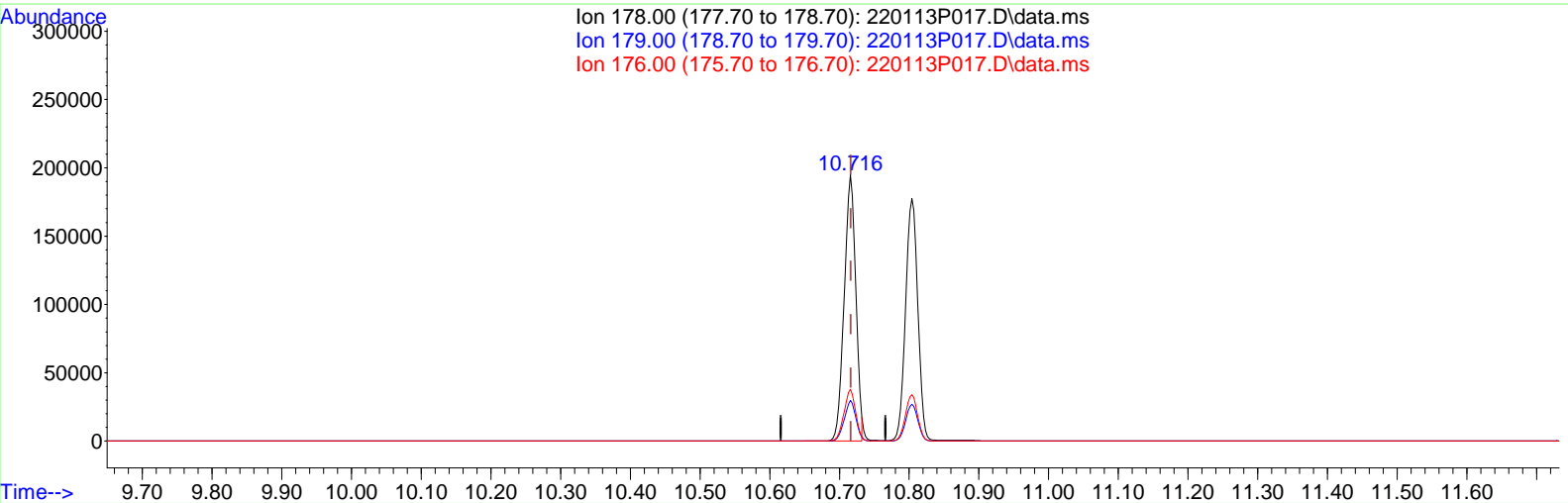
8.012min (-0.000) 48.630 ug/ml m

response 119138

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	117.54
152.00	53.40	55.71
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.716min (-0.000) 47.269 ug/ml

response 225303

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.17
176.00	18.90	19.51
0.00	0.00	0.00

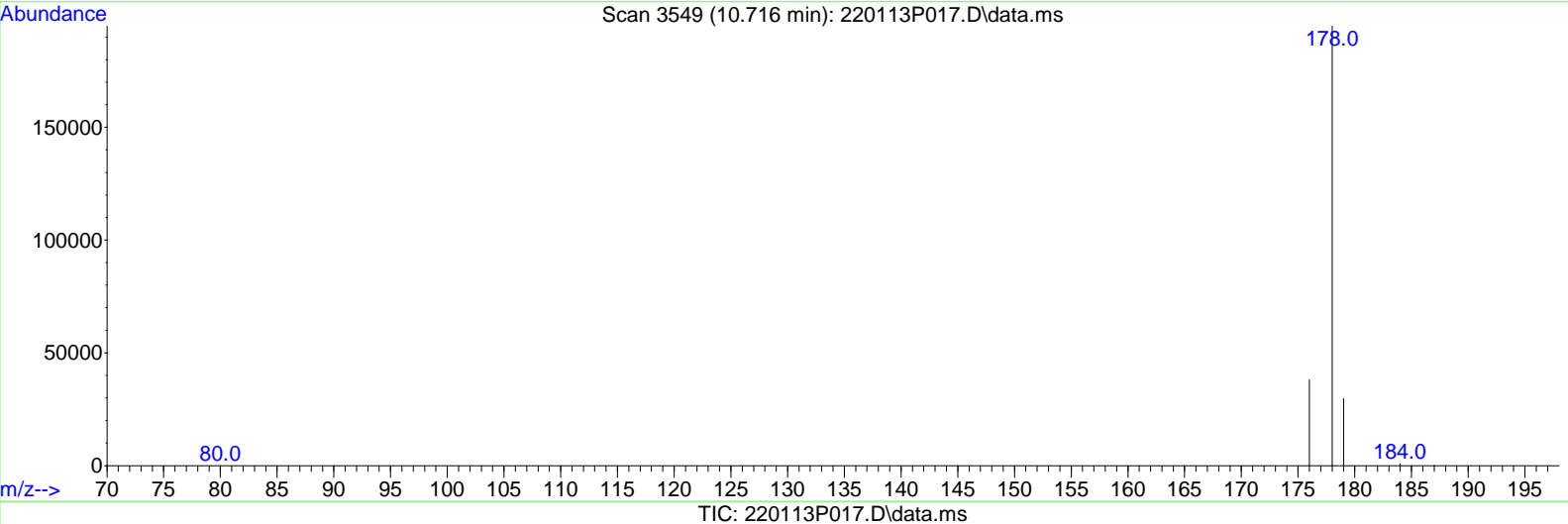
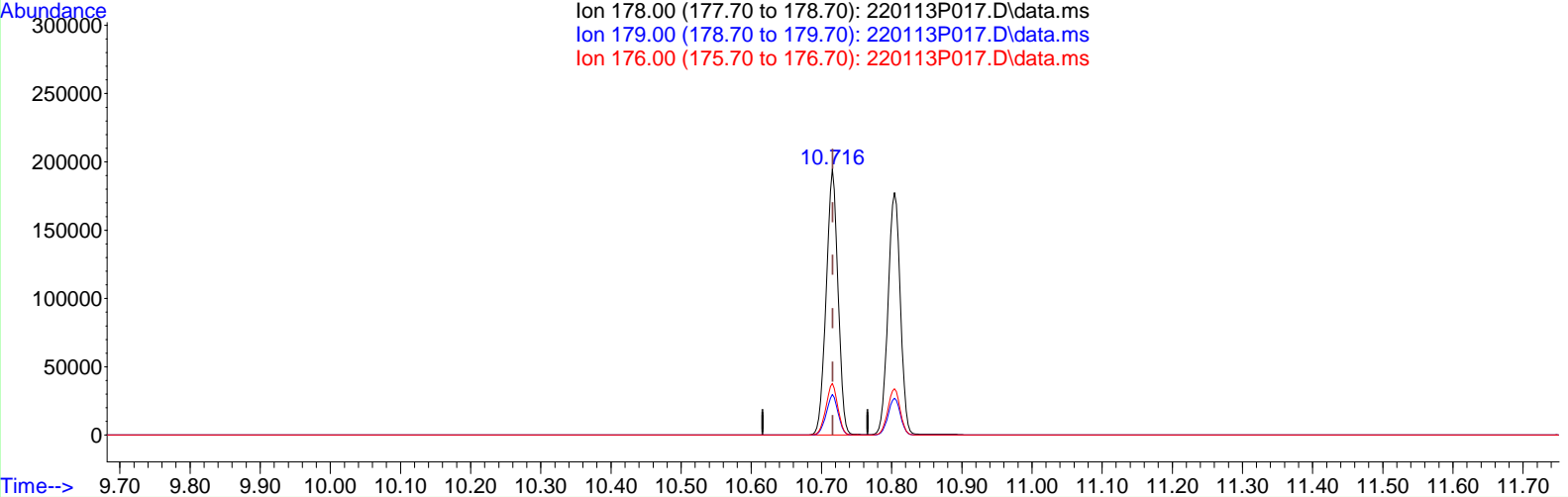
Manual Integration Reasons

1. Incomplete Integration

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



TIC: 220113P017.D\data.ms

(14) Phenanthrene (T)

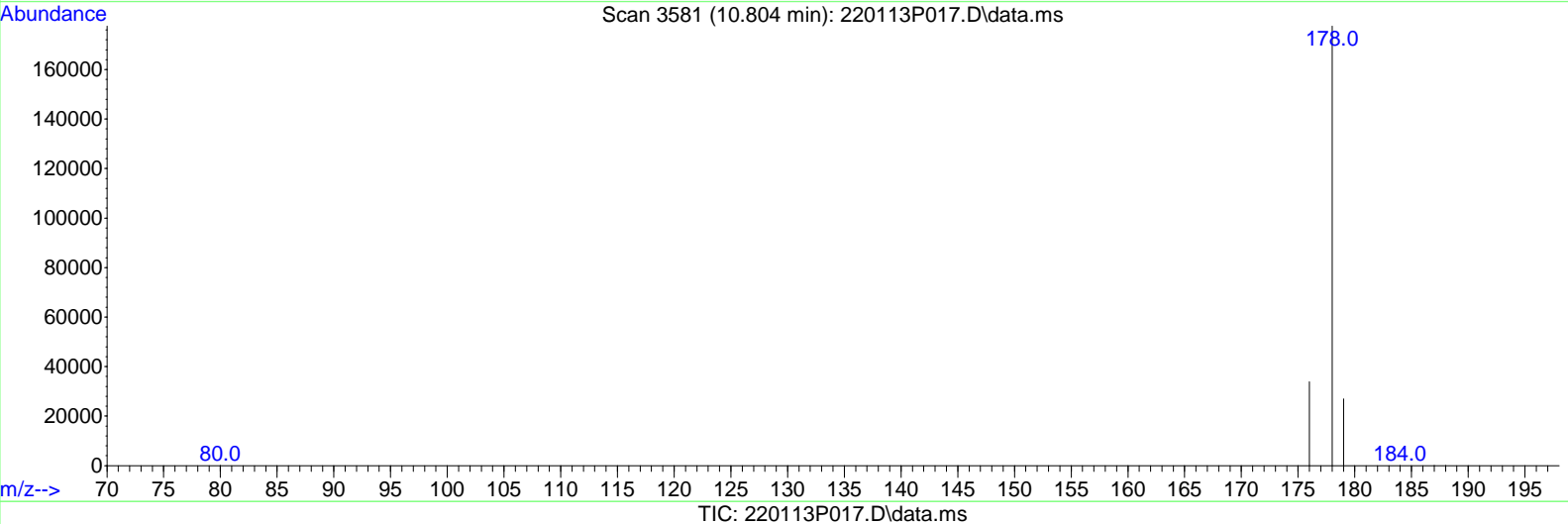
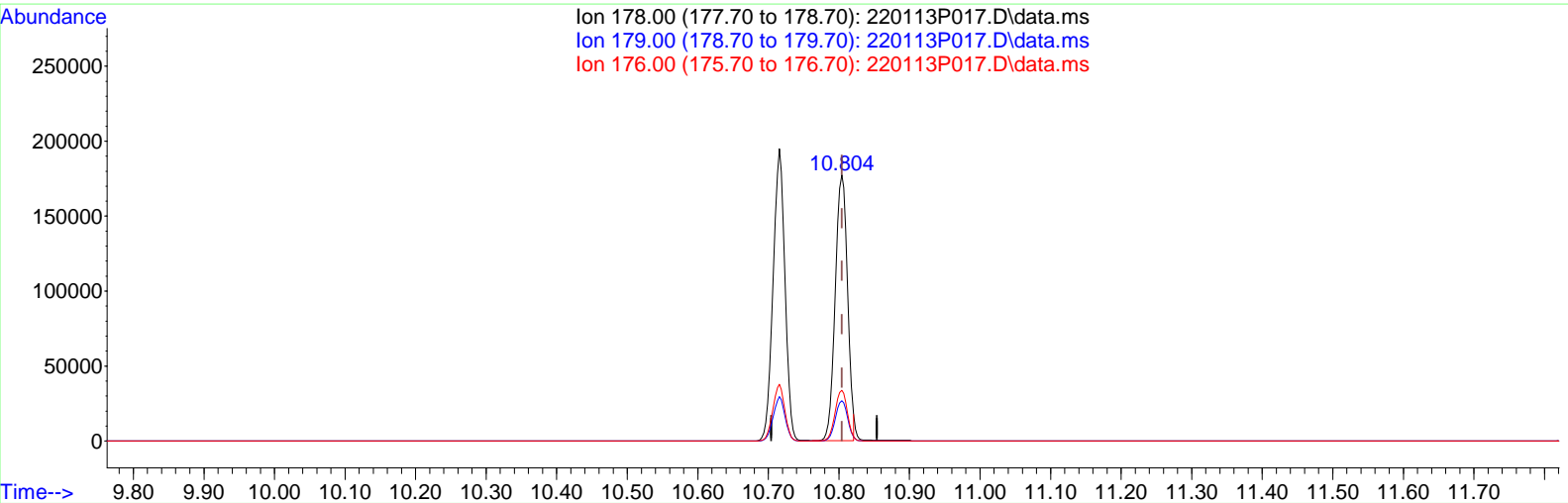
10.716min (-0.000) 47.725 ug/ml m

response 227477

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.03
176.00	18.90	19.32
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.804min (-0.000) 46.345 ug/ml

response 213871

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.12
176.00	18.20	19.06
0.00	0.00	0.00

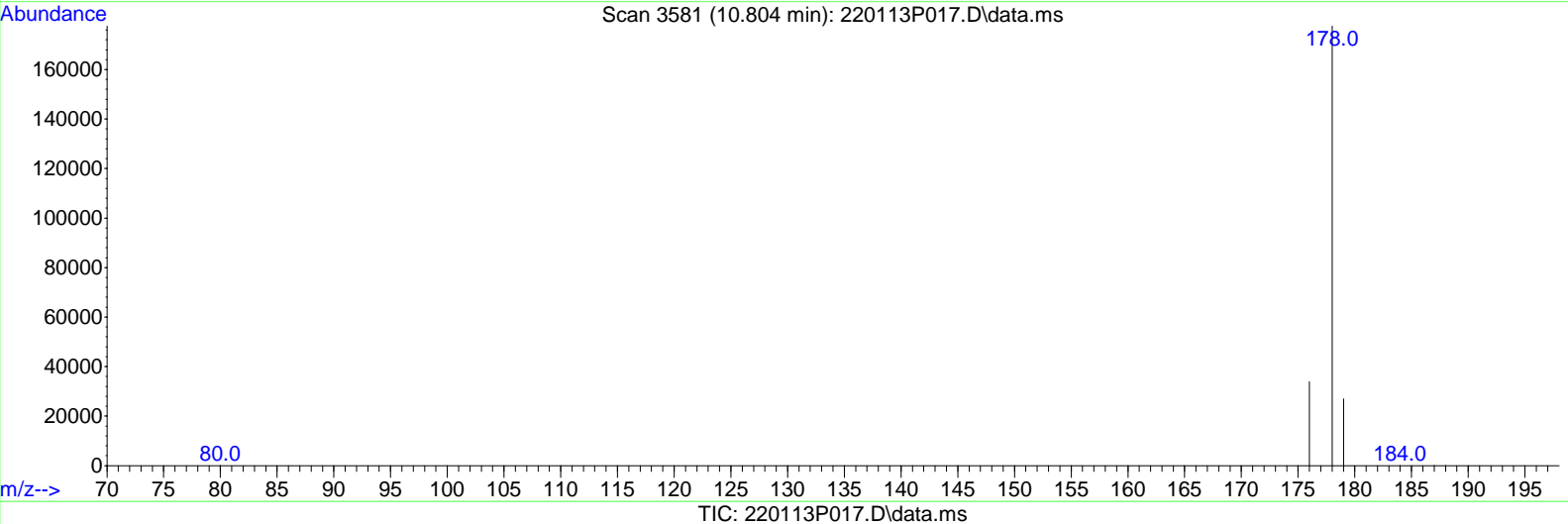
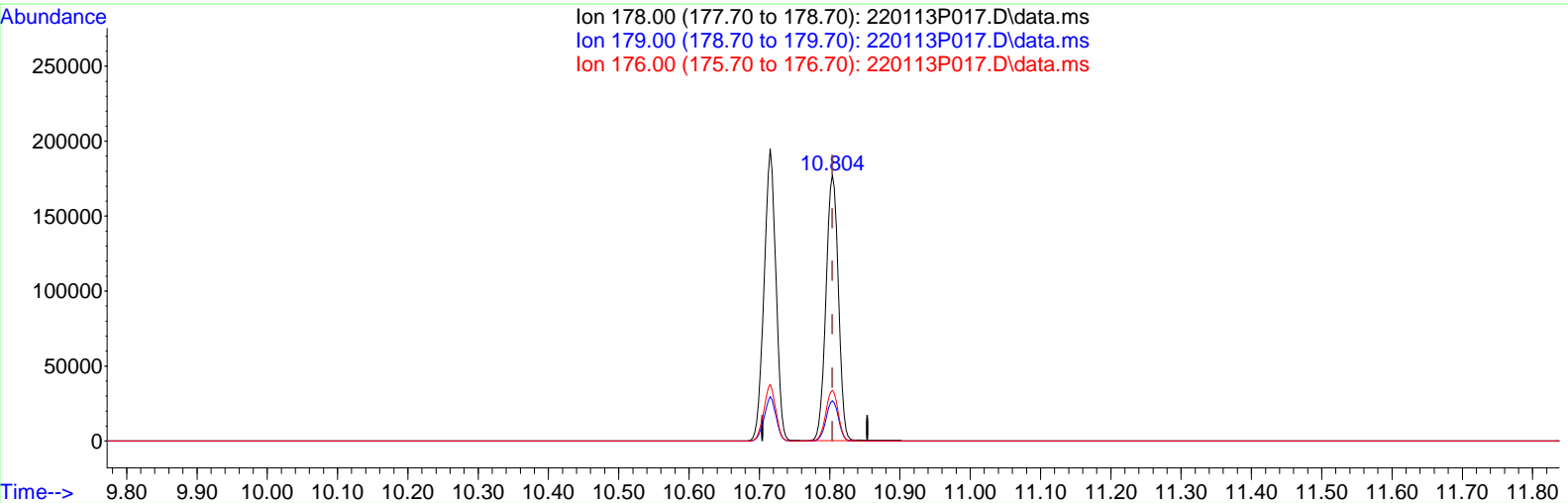
Manual Integration Reasons

1. Incomplete Integration

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

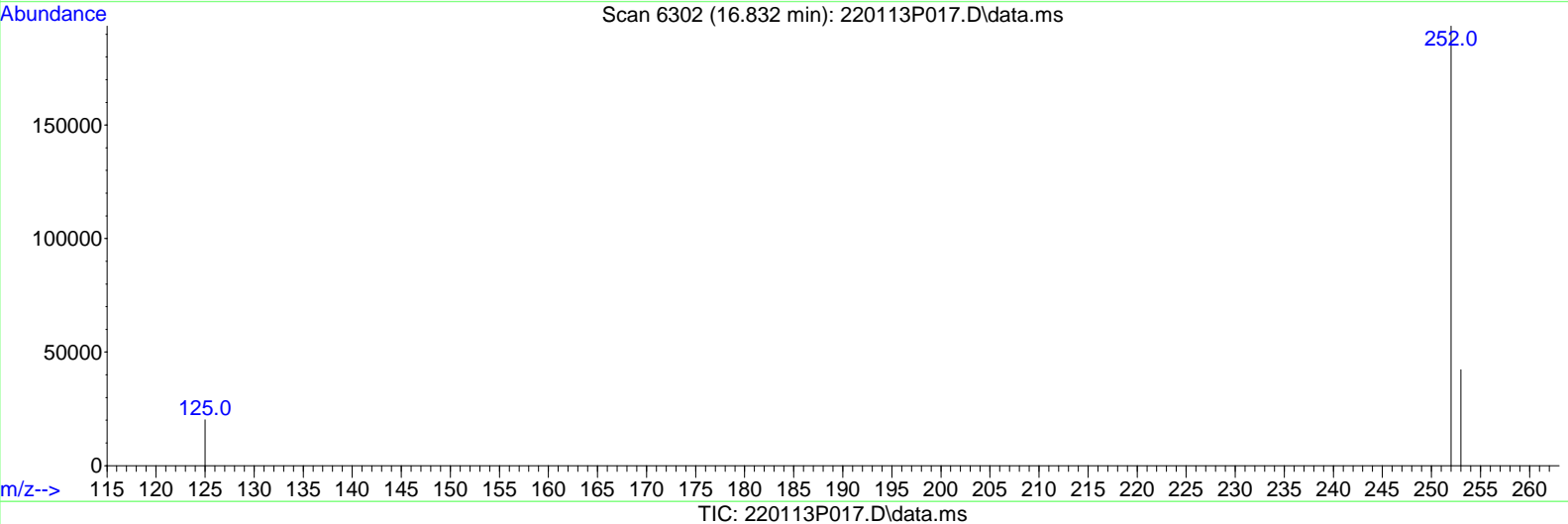
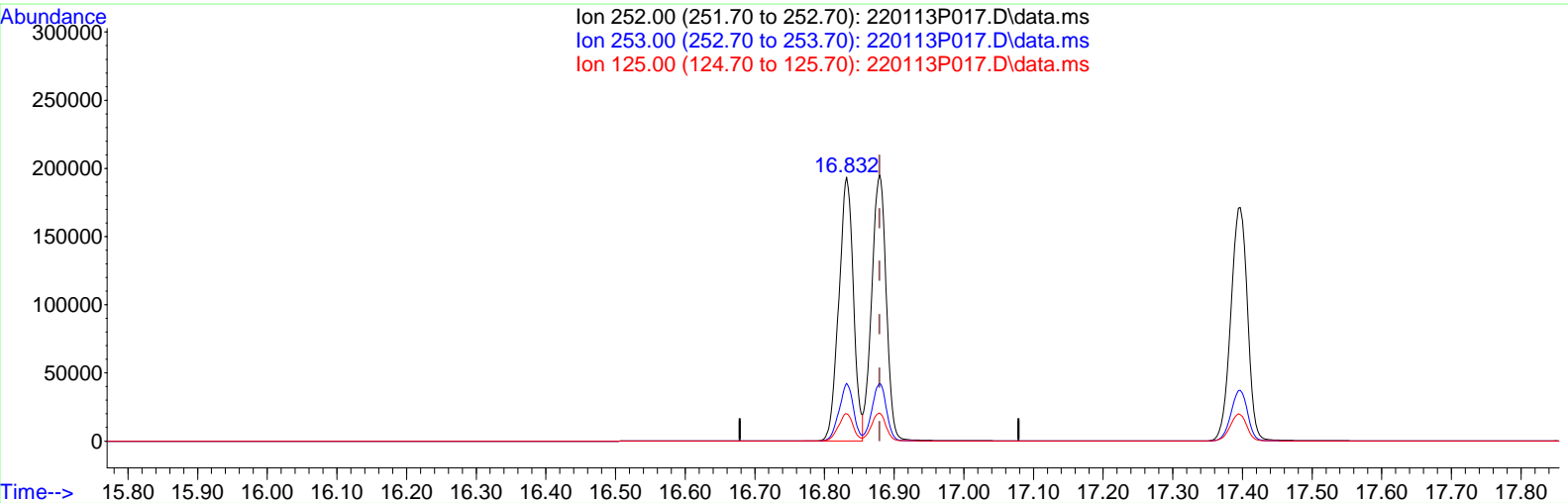
10.804min (-0.000) 46.875 ug/ml m

response 216315

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	14.95
176.00	18.20	18.84
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(26) Benzo[k]fluoranthene (T)

16.832min (-0.047) 48.182 ug/ml

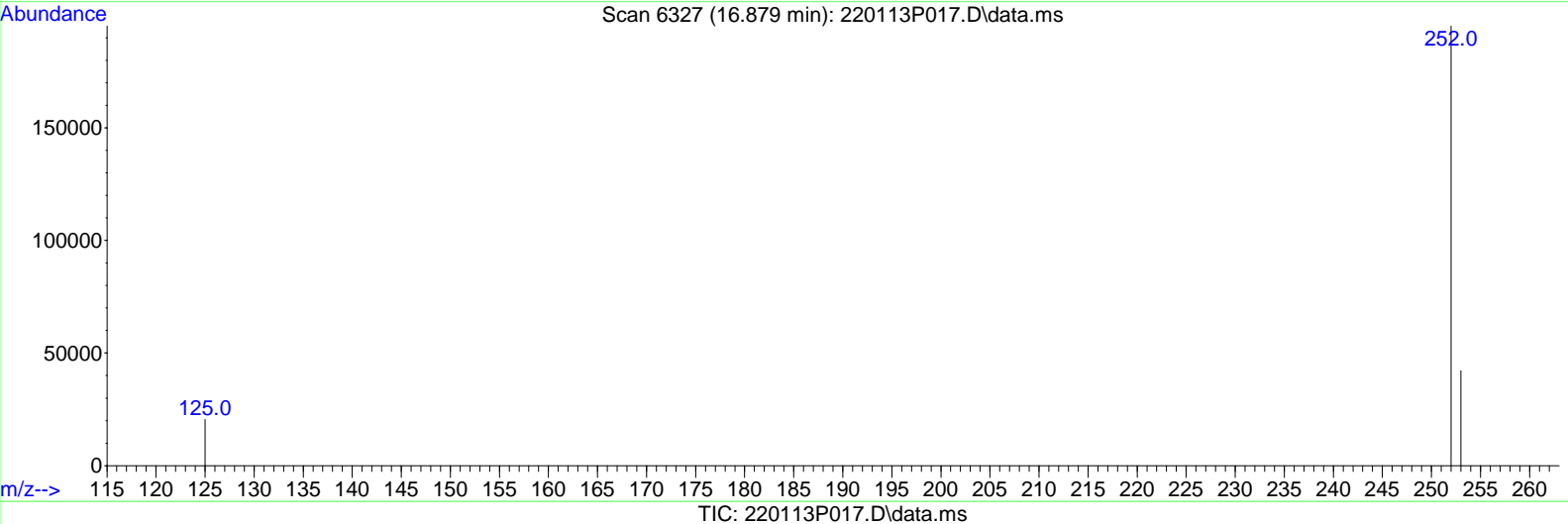
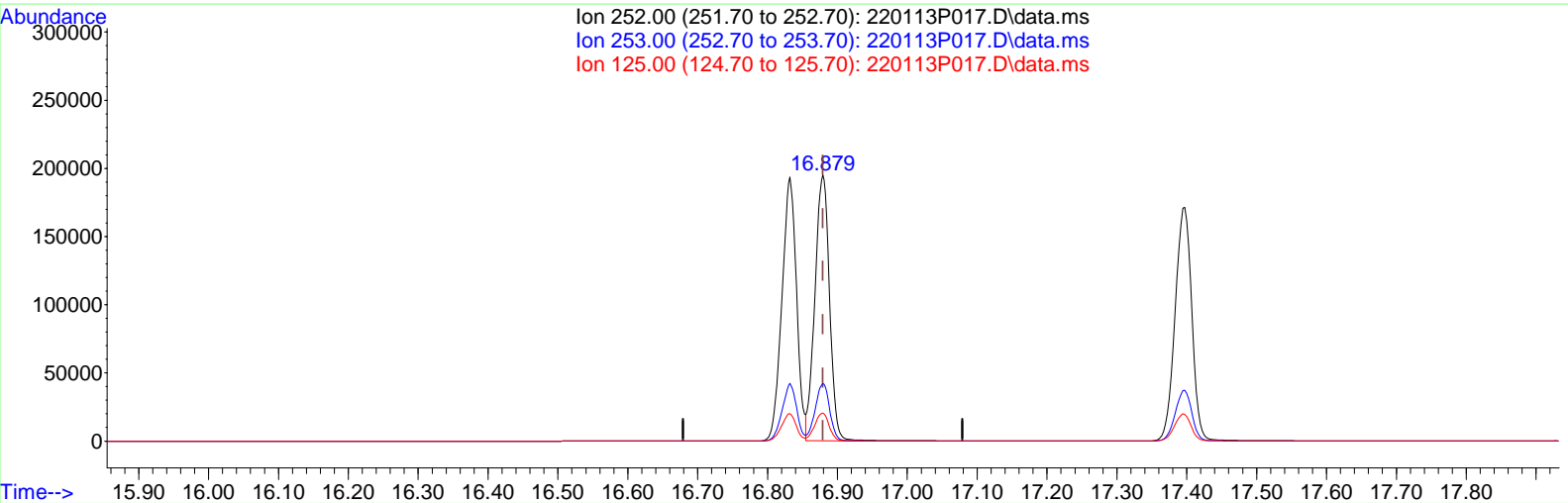
response	282201
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 21.59
125.00	9.90 10.47
0.00	0.00 0.00

Manual Integration Reasons

1. Wrong Peak
 Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



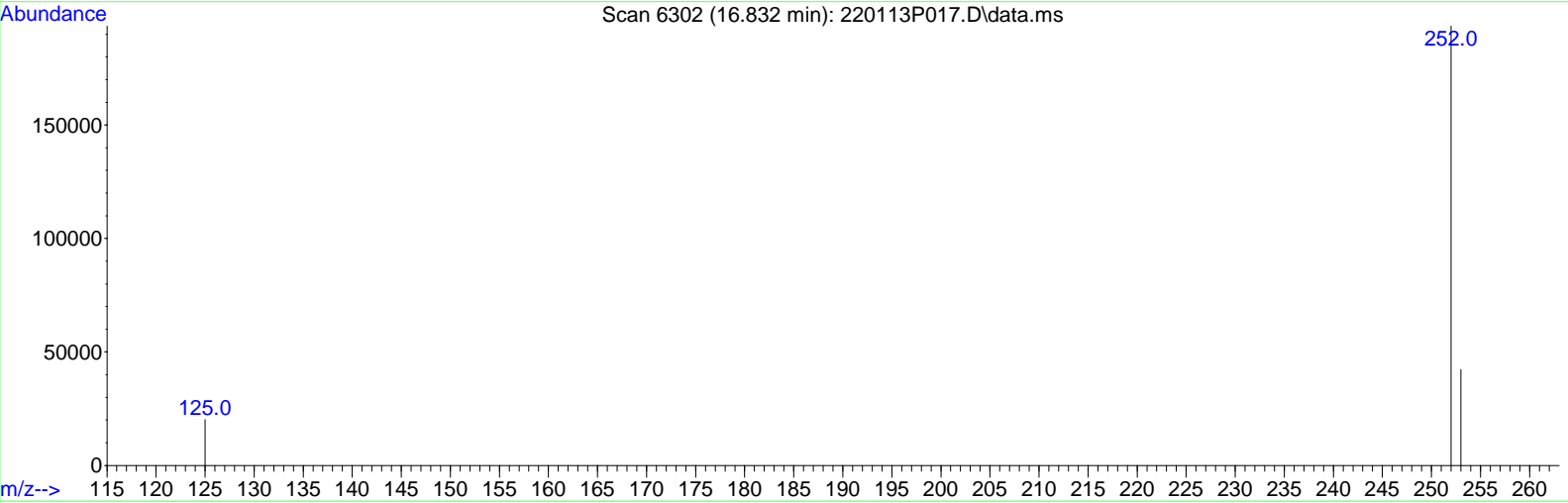
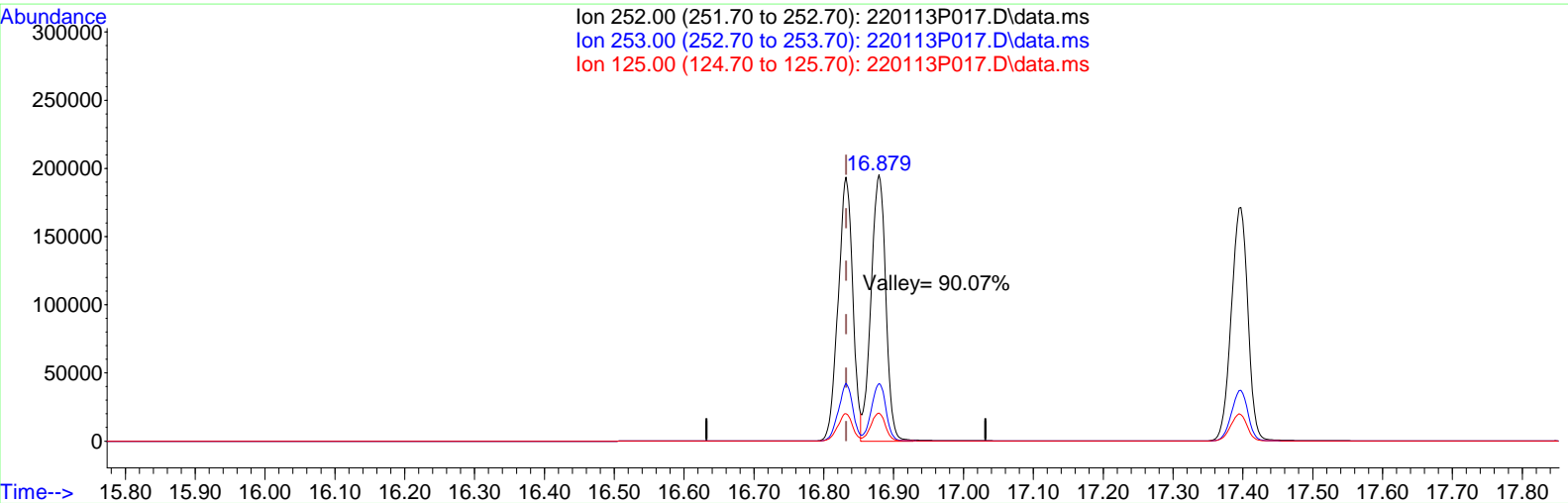
(26) Benzo[k]fluoranthene (T)

16.879min (-0.000) 48.277 ug/ml m

response	282758
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 21.55
125.00	9.90 10.45
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P017.D
 Acq On : 13 Jan 2022 6:40 pm
 Operator : BDE
 Sample : ICAL 8
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 10:06:19 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(25) Benzo[b]fluoranthene (T)

16.832min (-0.000) 49.514 ug/ml

response	280008
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 21.59
125.00	9.90 10.47
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE

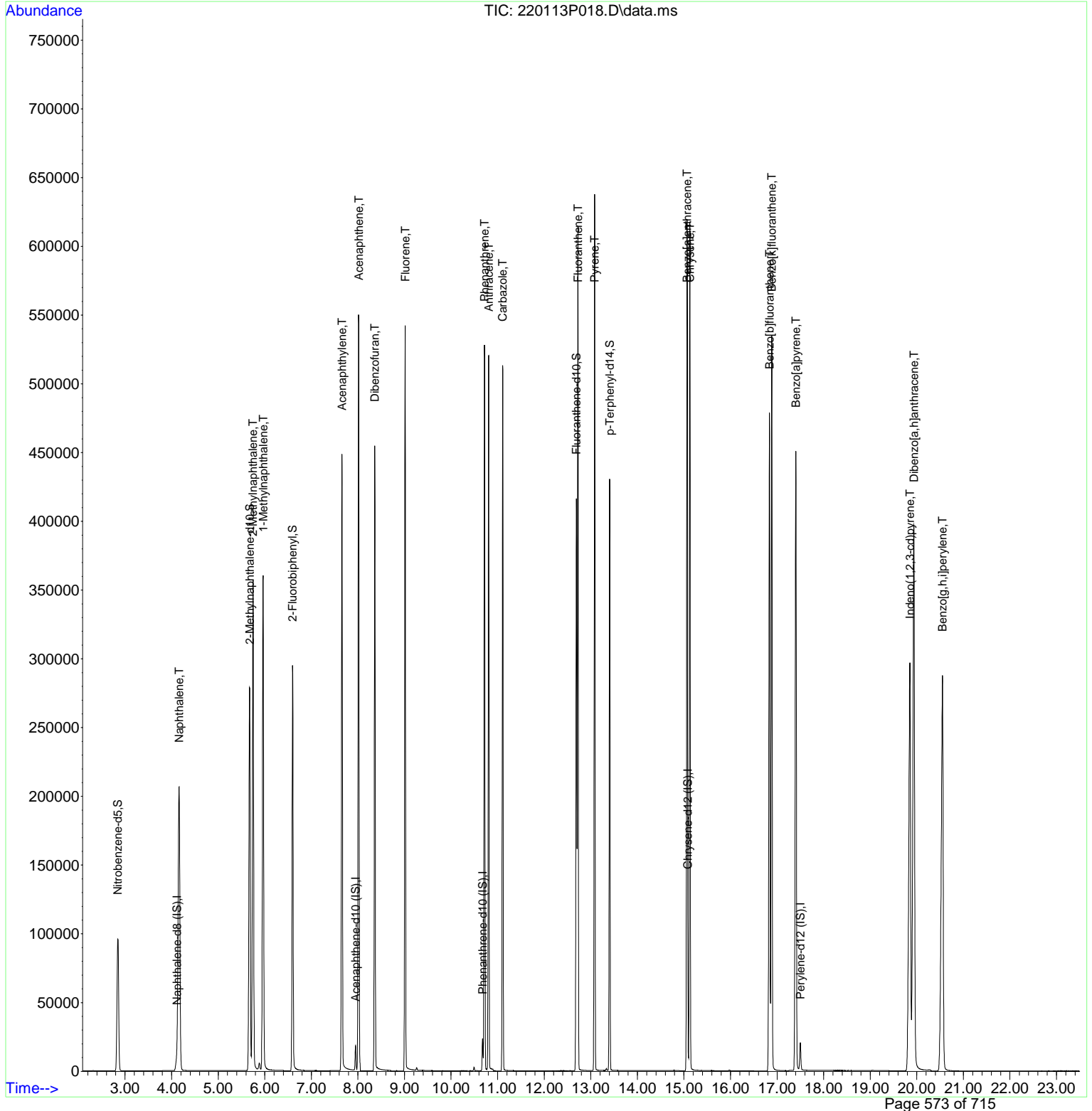
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Naphthalene-d8 (IS)	4.113	136	20527	4.000	ug/ml	0.00	
7) Acenaphthene-d10 (IS)	7.951	164	10540m	4.000	ug/ml	0.00	
13) Phenanthrene-d10 (IS)	10.676	188	21186	4.000	ug/ml	0.00	
19) Chrysene-d12 (IS)	15.084	240	18234	4.000	ug/ml	0.00	
24) Perylene-d12 (IS)	17.501	264	20496	4.000	ug/ml	0.00	
System Monitoring Compounds							
2) Nitrobenzene-d5	2.844	82	122896	95.453	ug/ml	0.00	
4) 2-Methylnaphthalene-d10	5.676	152	243469	91.005	ug/ml	0.00	
8) 2-Fluorobiphenyl	6.598	172	345843	95.988	ug/ml	0.00	
17) Fluoranthene-d10	12.692	212	445922	91.763	ug/ml	0.00	
21) p-Terphenyl-d14	13.406	244	374007	95.779	ug/ml	0.00	
Target Compounds							
							Qvalue
3) Naphthalene	4.161	128	441693	94.943	ug/ml		100
5) 2-Methylnaphthalene	5.748	142	286517	95.377	ug/ml		97
6) 1-Methylnaphthalene	5.965	142	278151	96.425	ug/ml		97
9) Acenaphthylene	7.658	152	495921	96.259	ug/ml		99
10) Acenaphthene	8.017	154	251935m	96.454	ug/ml		
11) Dibenzofuran	8.362	168	418372	97.810	ug/ml#		100
12) Fluorene	9.014	166	325684	96.996	ug/ml		98
14) Phenanthrene	10.717	178	474869m	93.904	ug/ml		
15) Anthracene	10.808	178	454772m	92.887	ug/ml		
16) Carbazole	11.109	167	458609	93.576	ug/ml		99
18) Fluoranthene	12.724	202	553749	93.248	ug/ml		99
20) Pyrene	13.084	202	572966	95.620	ug/ml		98
22) Benzo[a]anthracene	15.069	228	543956	99.810	ug/ml		98
23) Chrysene	15.127	228	525738	98.877	ug/ml		98
25) Benzo[b]fluoranthene	16.837	252	568767	99.816	ug/ml		98
26) Benzo[k]fluoranthene	16.888	252	585603	97.325	ug/ml		98
27) Benzo[a]pyrene	17.401	252	578351m	97.998	ug/ml		
28) Indeno(1,2,3-cd)pyrene	19.852	276	565097	99.370	ug/ml		98
29) Dibenzo[a,h]anthracene	19.939	278	553308	99.375	ug/ml		98
30) Benzo[g,h,i]perylene	20.552	276	585871	95.020	ug/ml		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

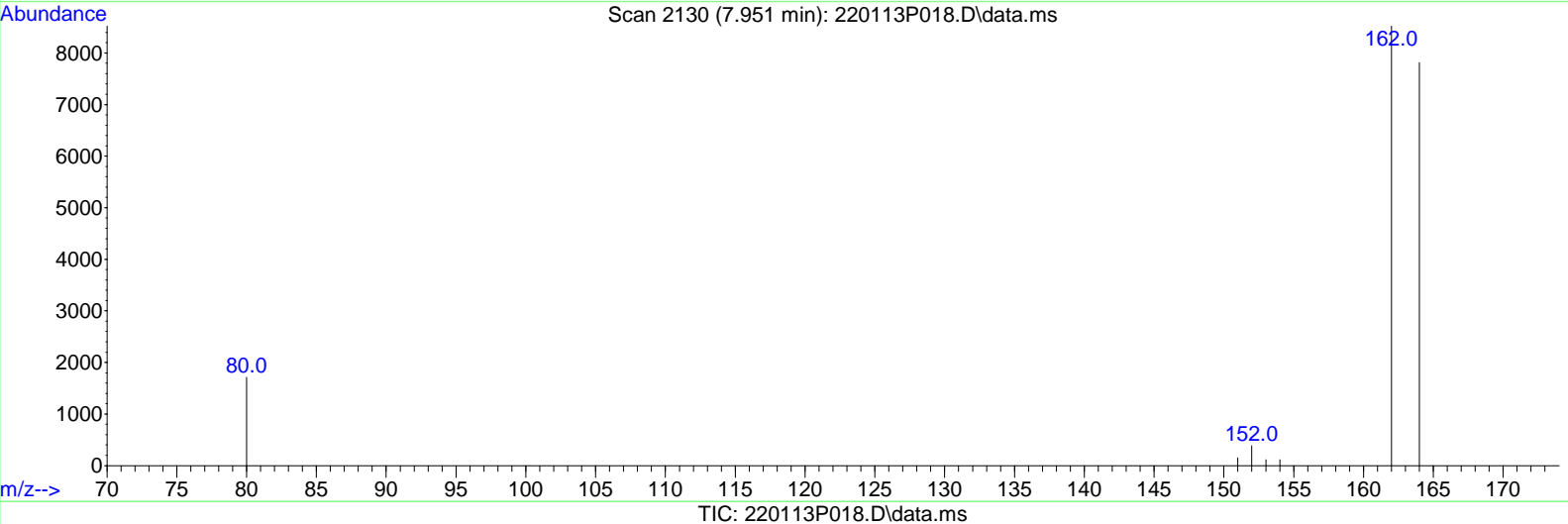
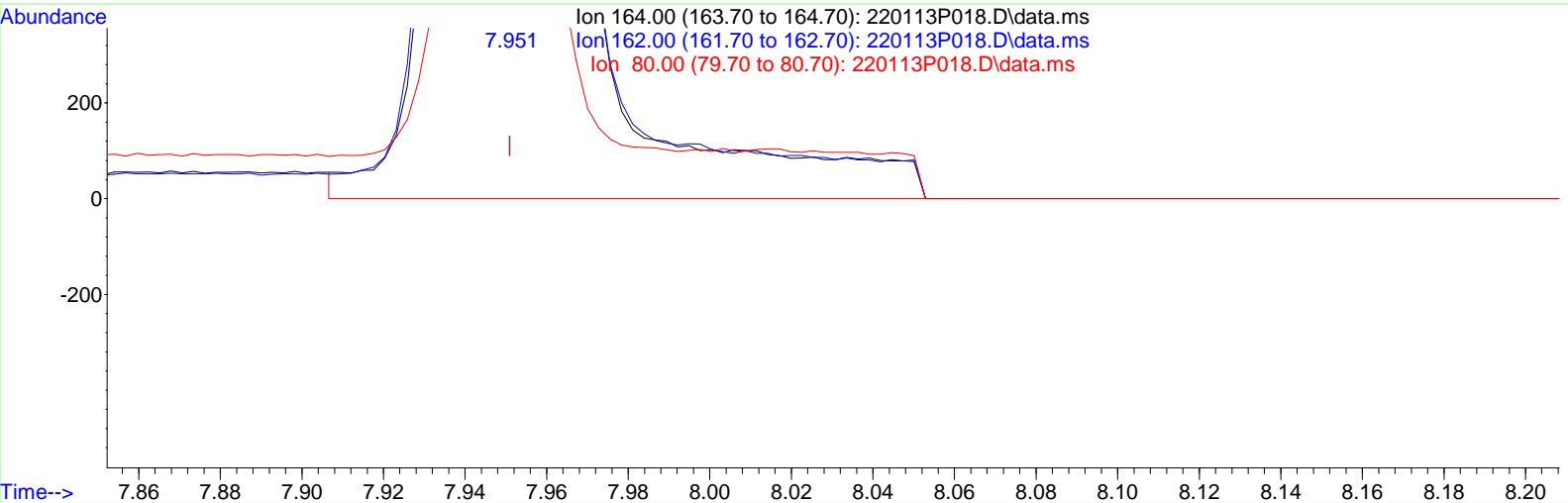
Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(7) Acenaphthene-d10 (IS) (I)

7.951min (-0.000) 4.000 ug/ml

response 10806

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.70	109.12
80.00	22.00	28.42
0.00	0.00	0.00

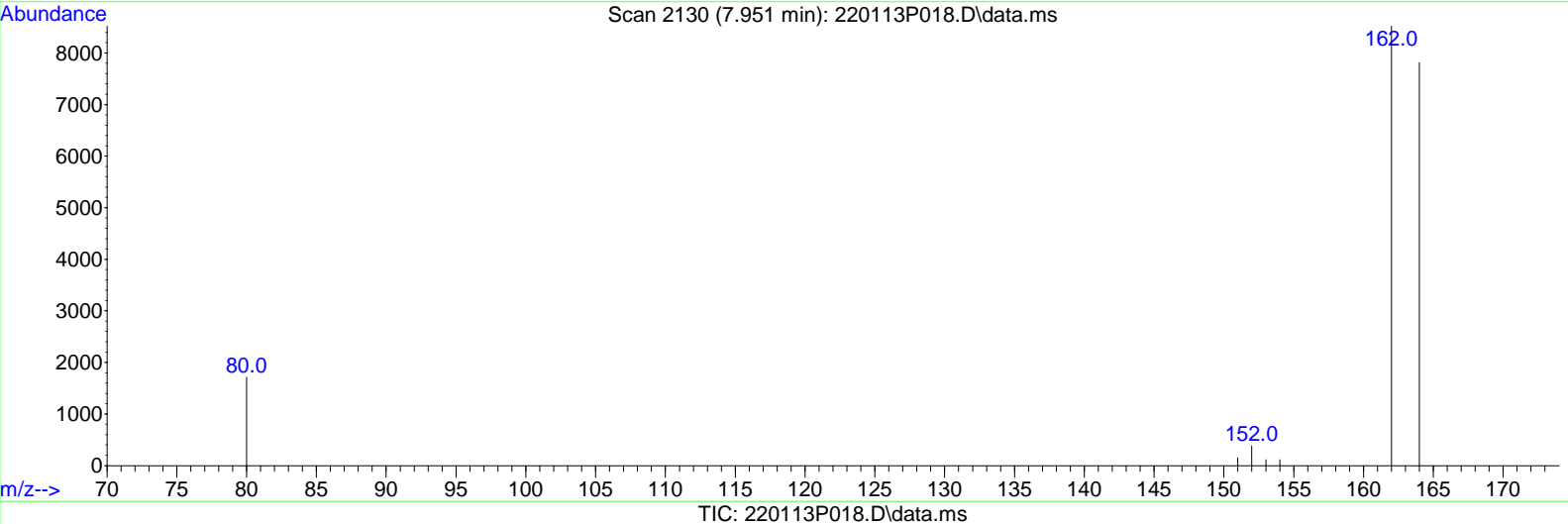
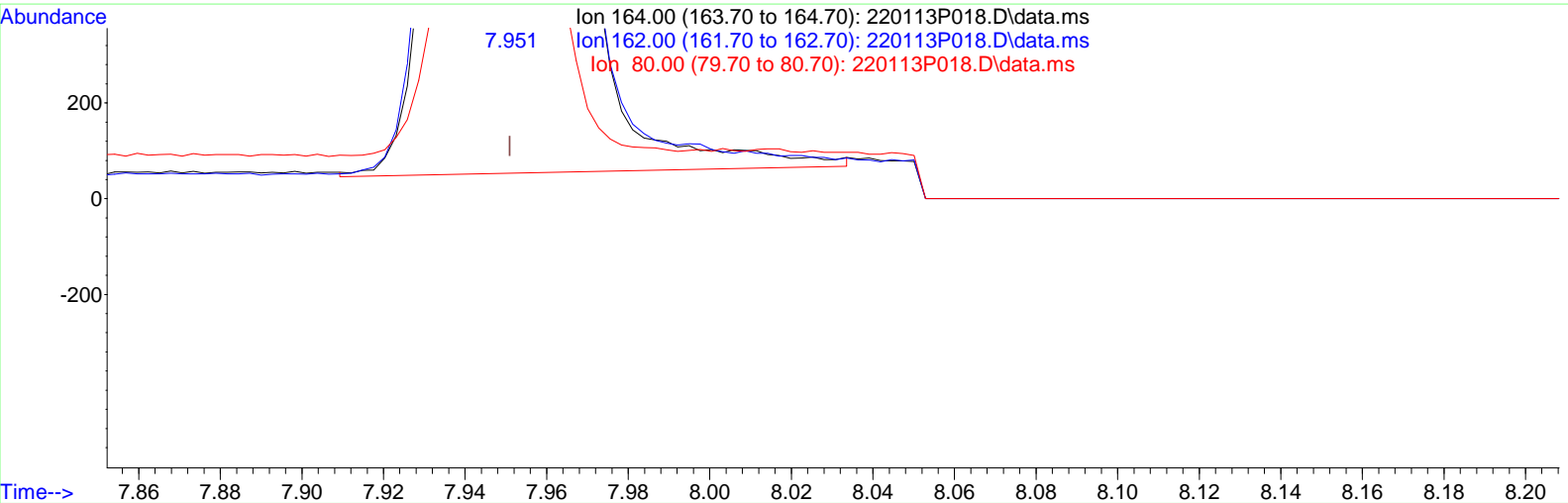
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(7) Acenaphthene-d10 (IS) (I)

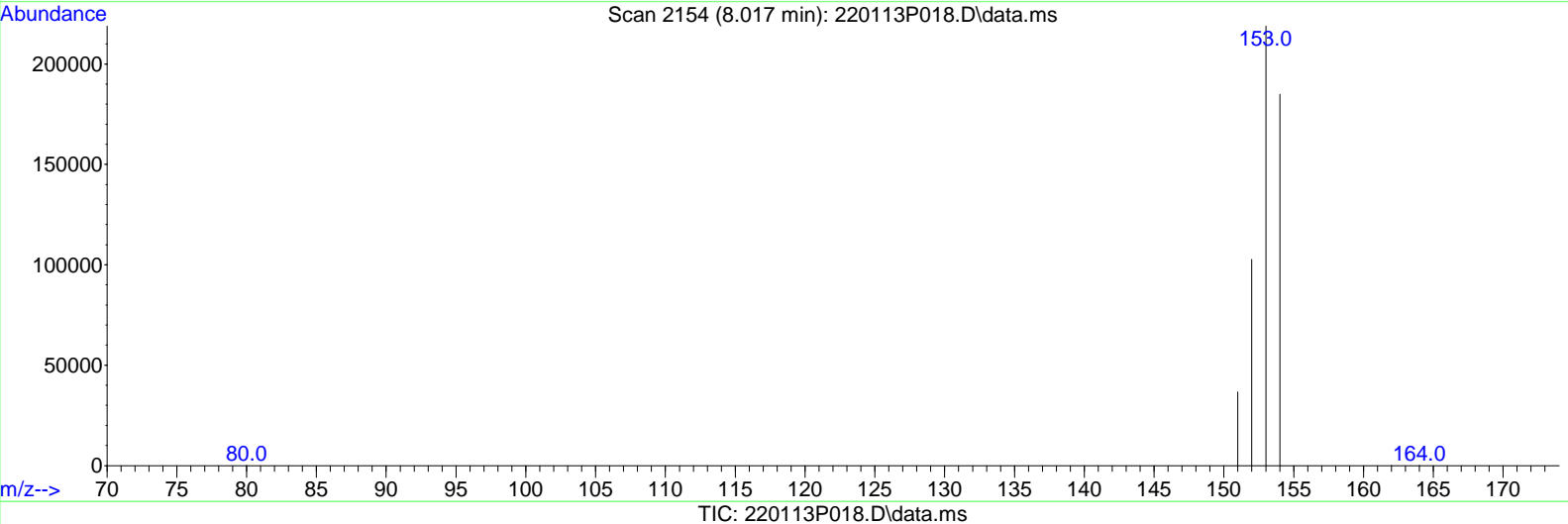
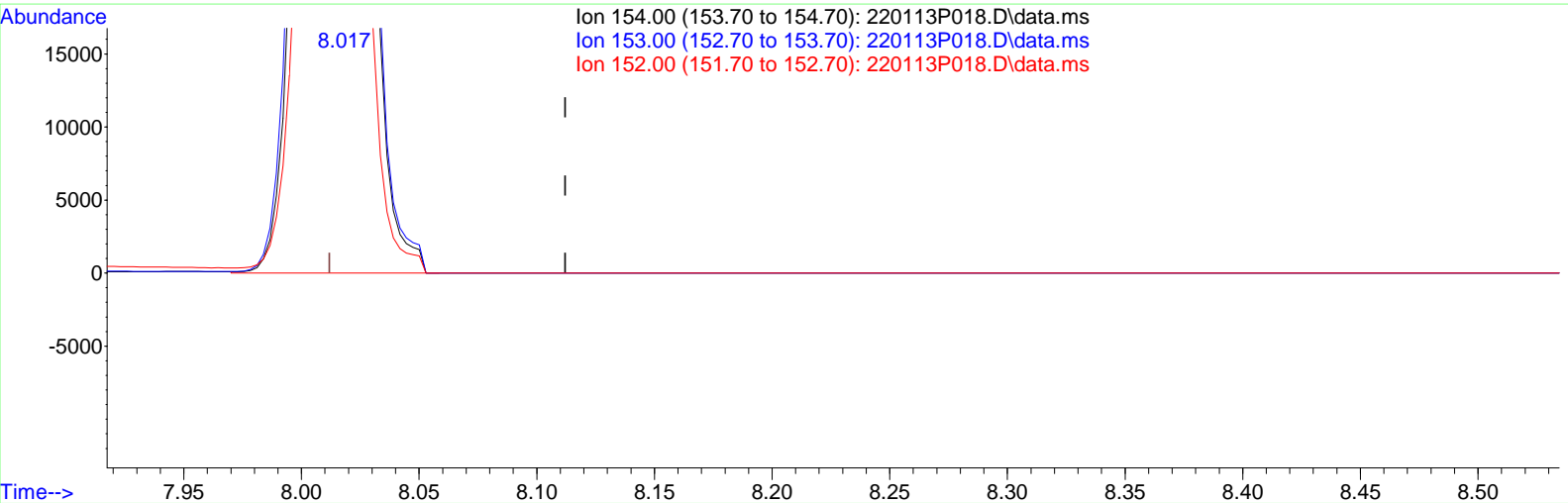
7.951min (-0.000) 4.000 ug/ml m

response 10540

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.70	111.88
80.00	22.00	29.14
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

8.017min (+ 0.005) 93.643 ug/ml

response 244594

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	120.08
152.00	53.40	56.91
0.00	0.00	0.00

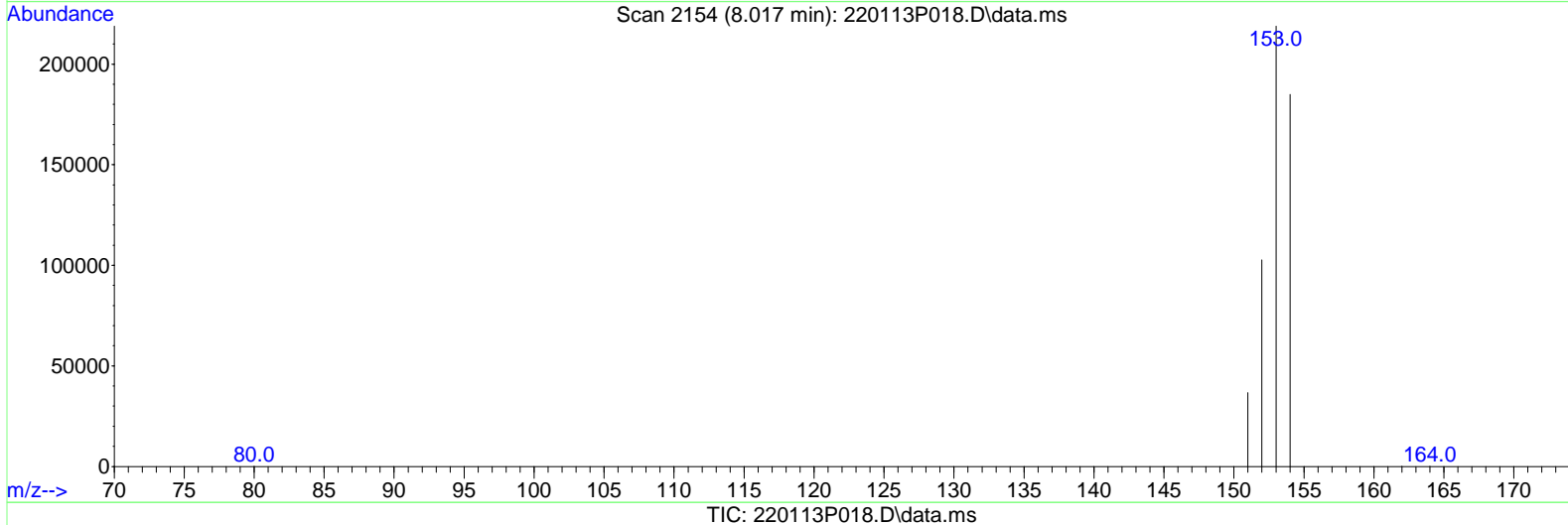
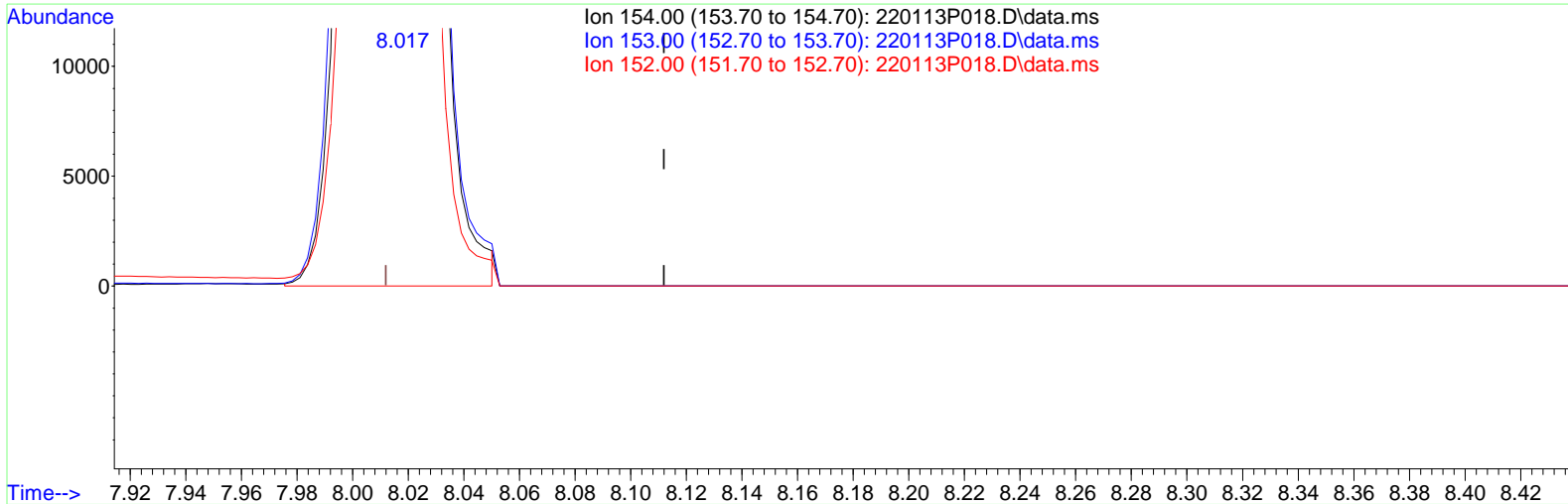
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(10) Acenaphthene (T)

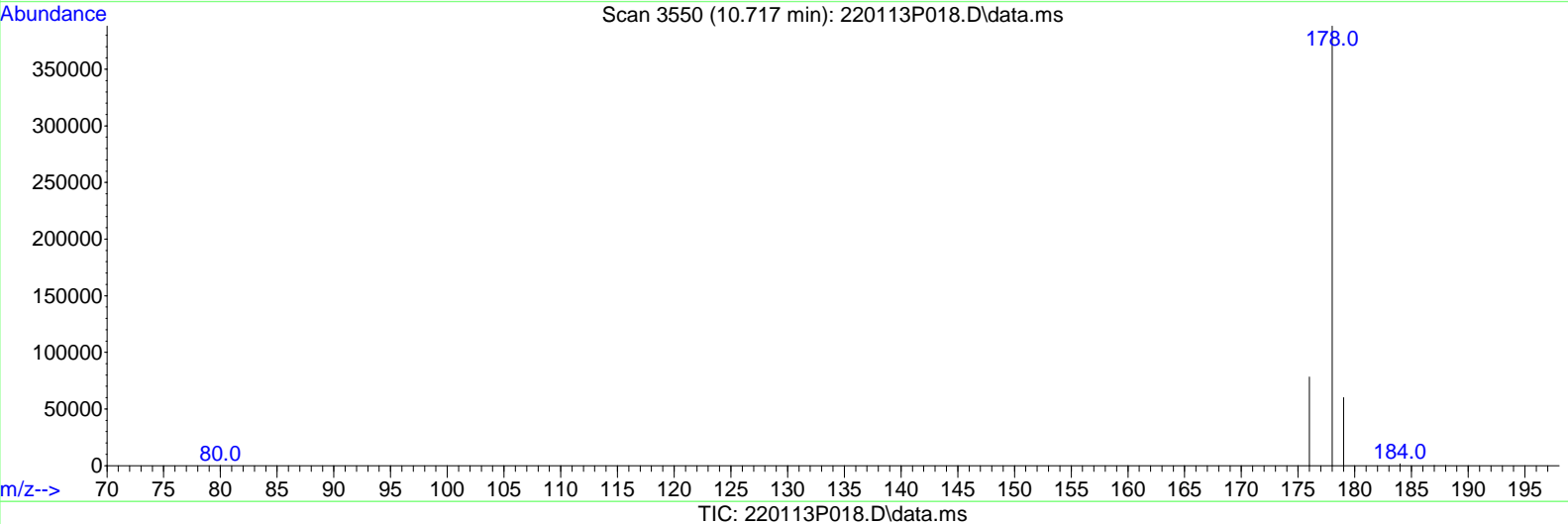
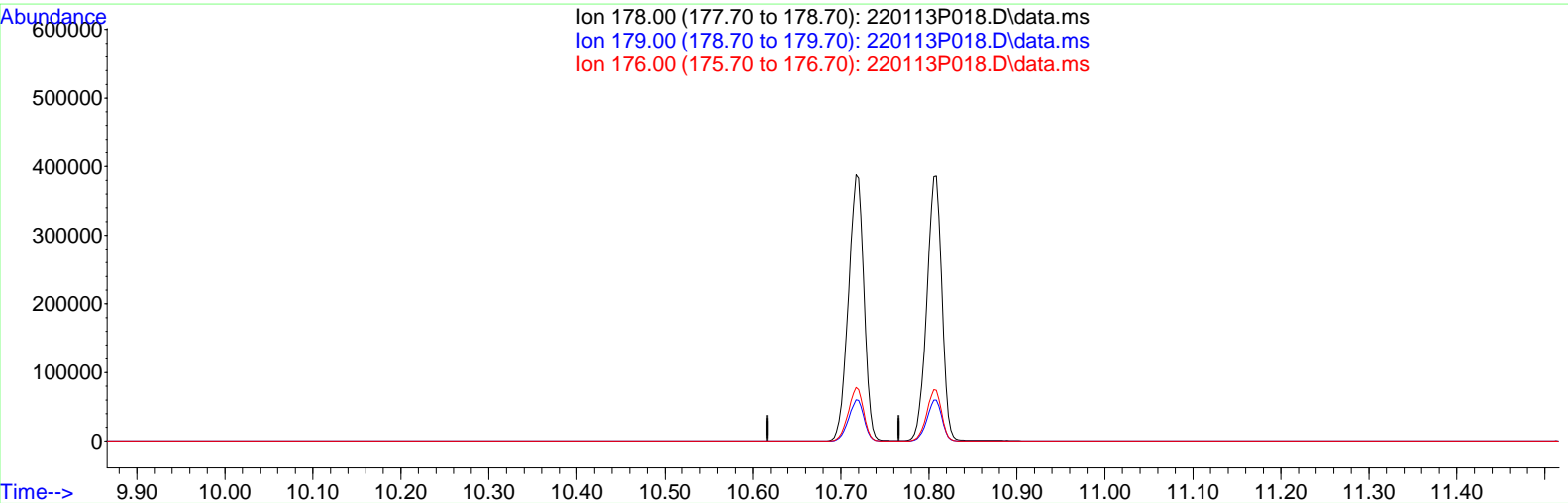
8.017min (+ 0.005) 96.454 ug/ml m

response 251935

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	115.60	116.58
152.00	53.40	55.26
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.716min (-10.716) 0.000 ug/ml

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

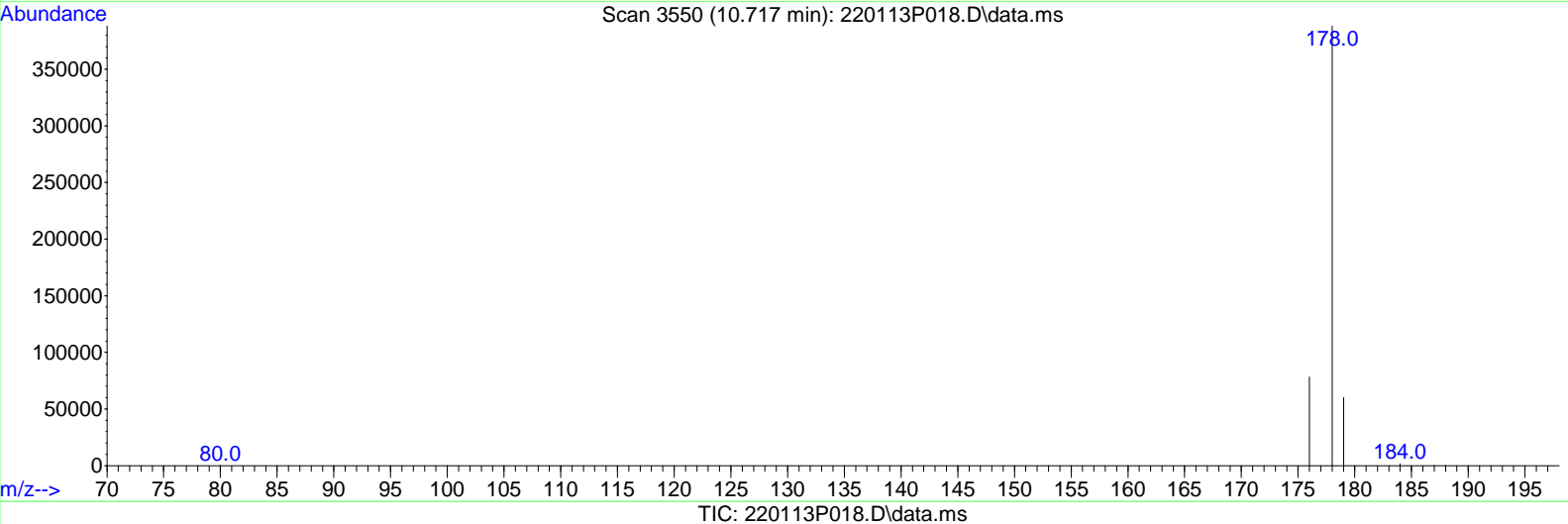
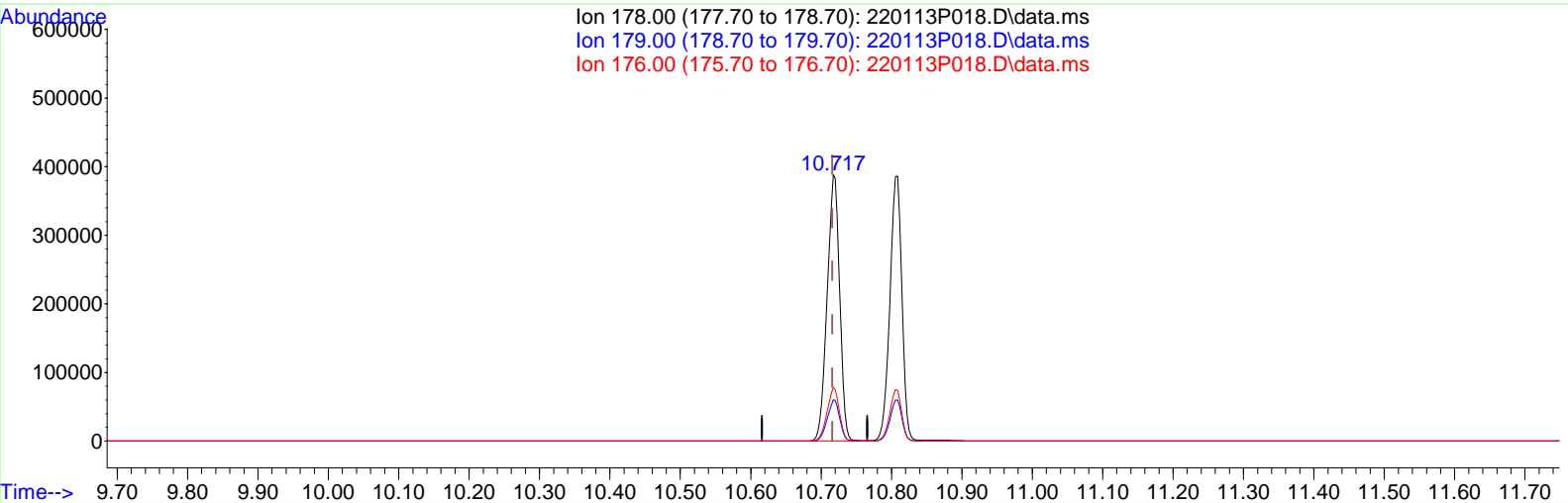
Manual Integration Reasons

- 1. Peak Not Found
- 2. Assign Peak

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

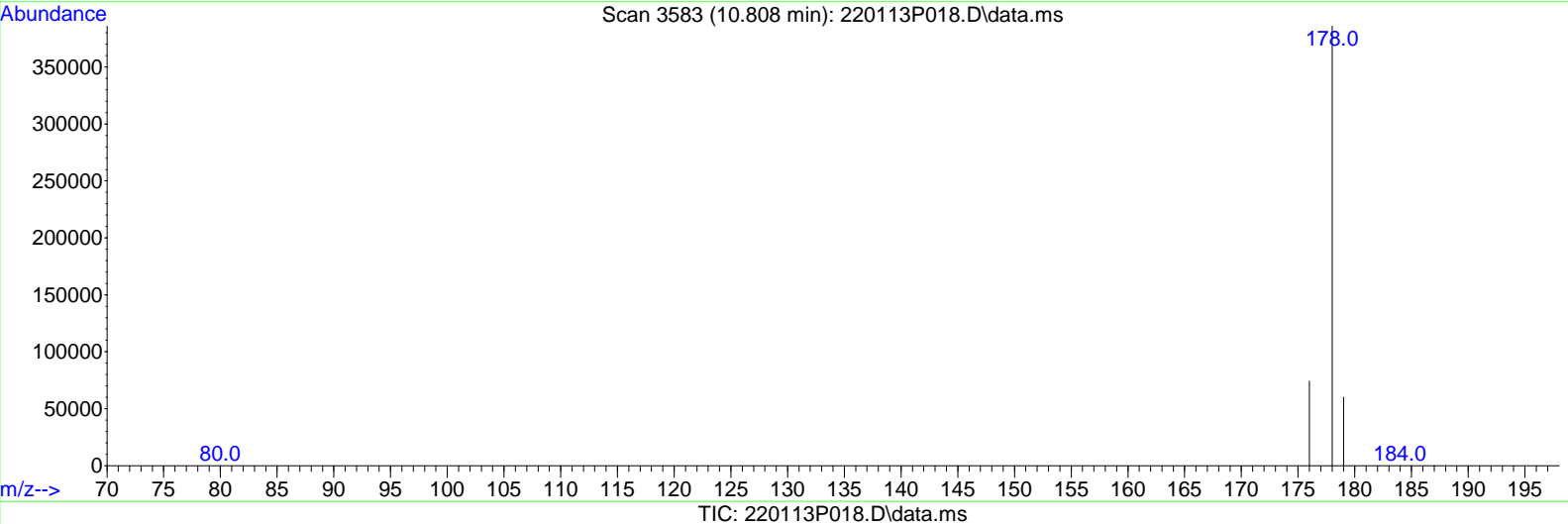
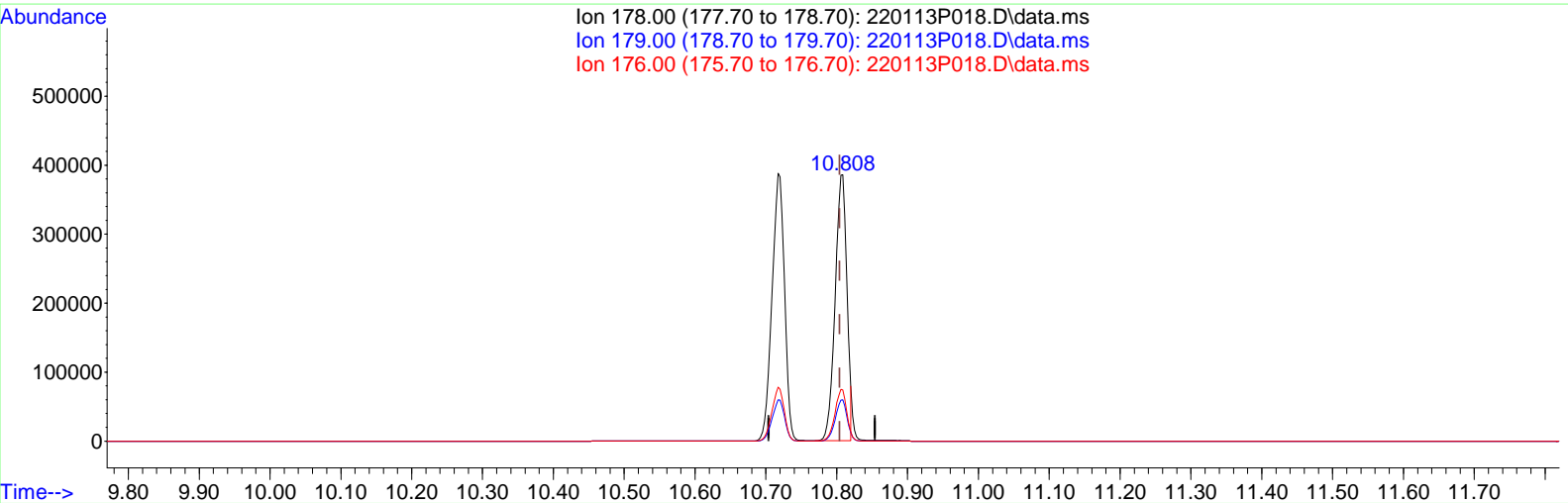
10.717min (+ 0.001) 93.904 ug/ml m

response 474869

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.808min (+ 0.004) 90.679 ug/ml

response 443964

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.40
176.00	18.20	19.25
0.00	0.00	0.00

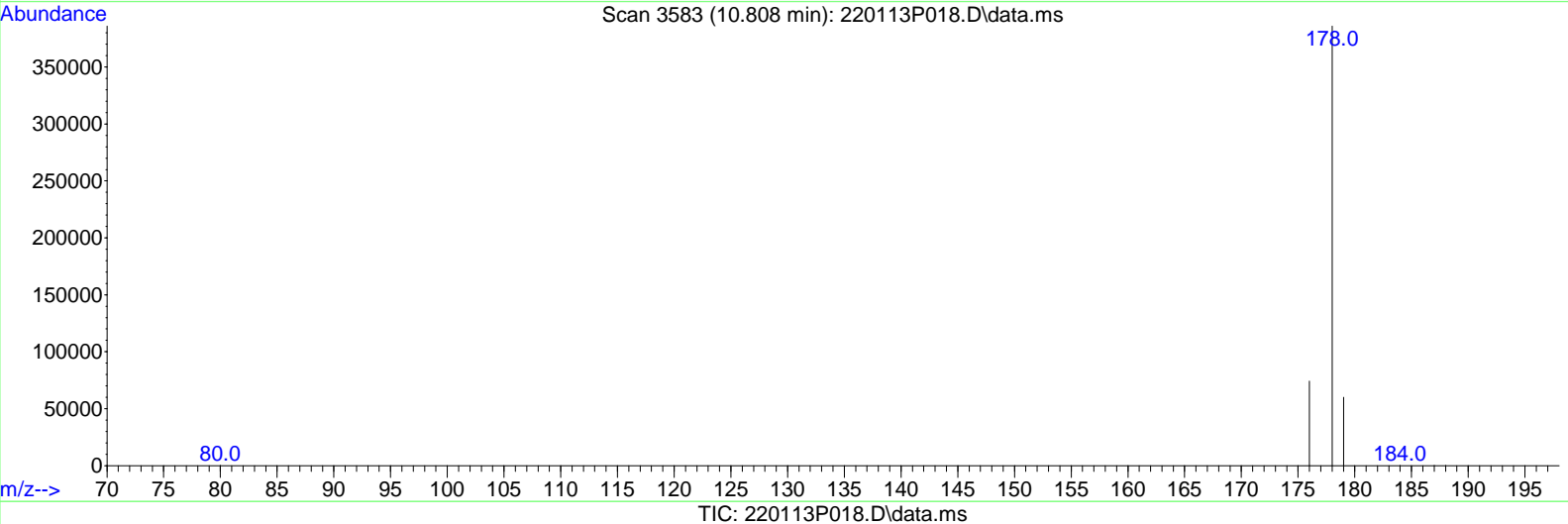
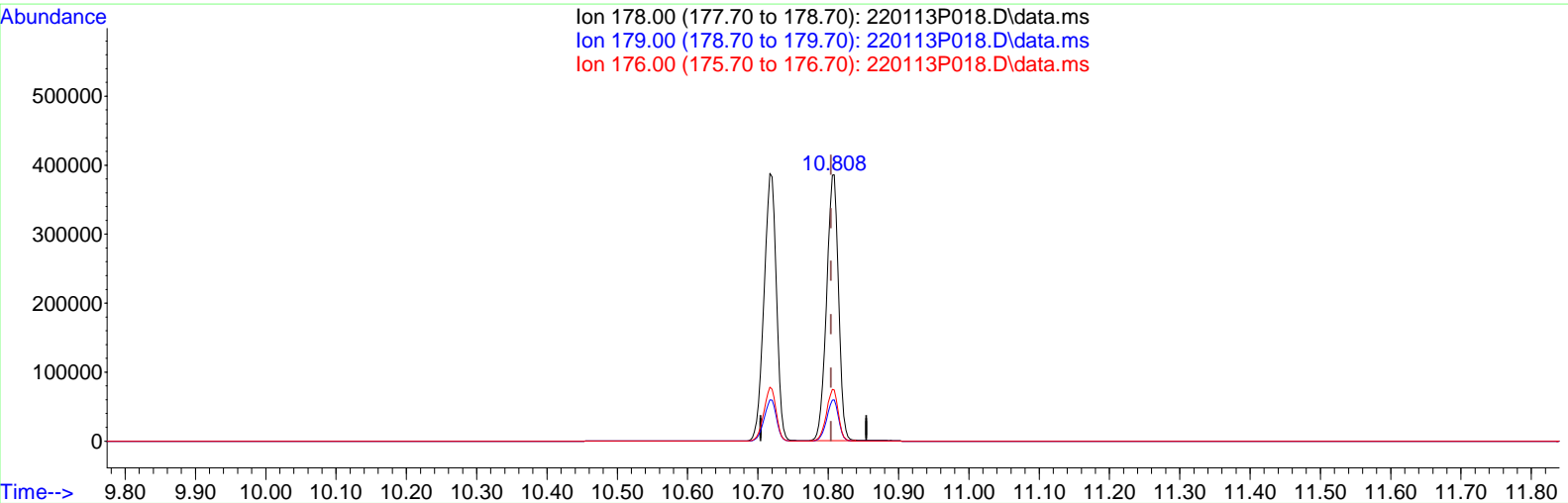
Manual Integration Reasons

1. Incomplete Integration

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

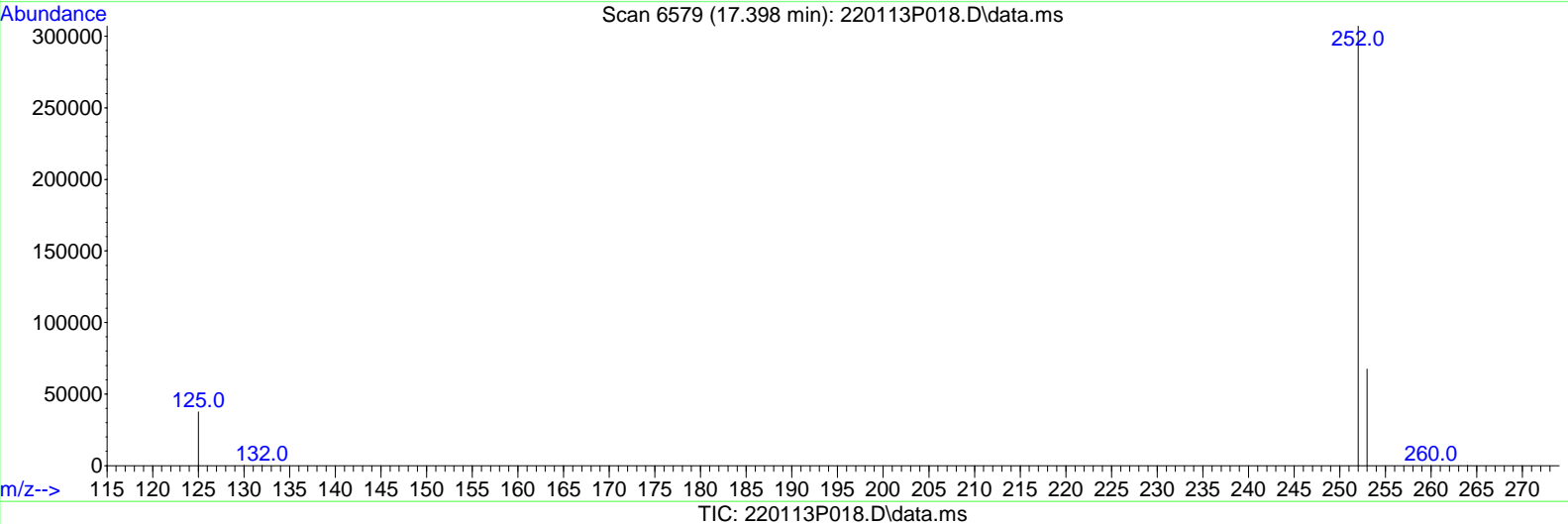
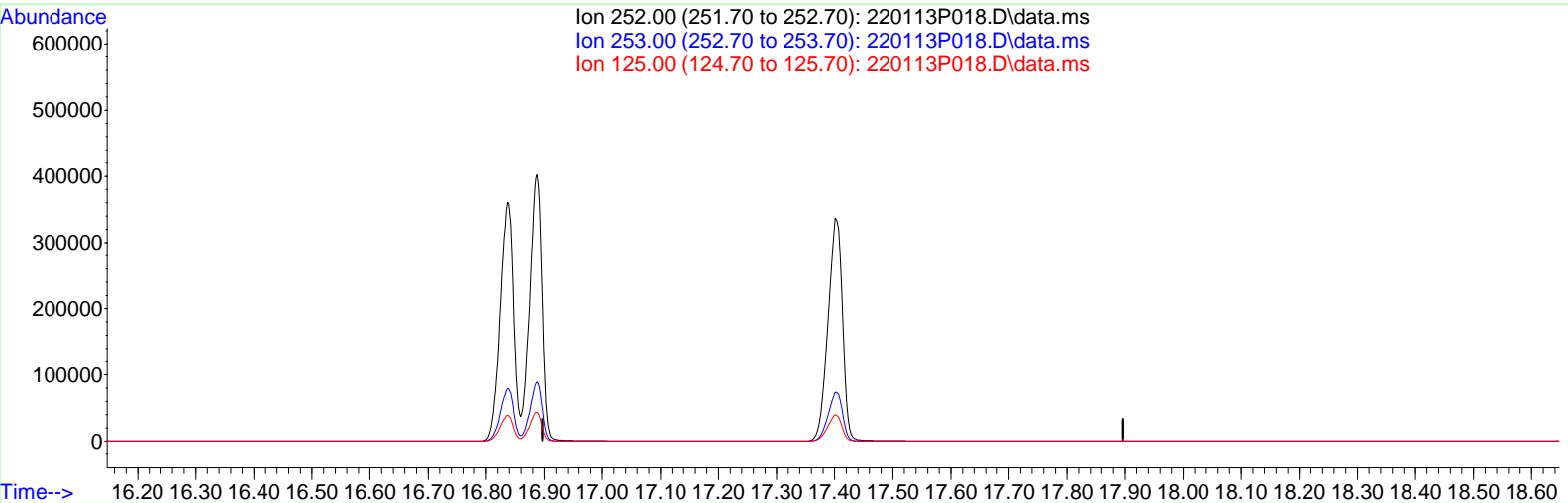
10.808min (+ 0.004) 92.887 ug/ml m

response 454772

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.03
176.00	18.20	18.79
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(27) Benzo[a]pyrene (T)

17.397min (-17.397) 0.000 ug/ml

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	0.00	0.00
125.00	0.00	0.00
0.00	0.00	0.00

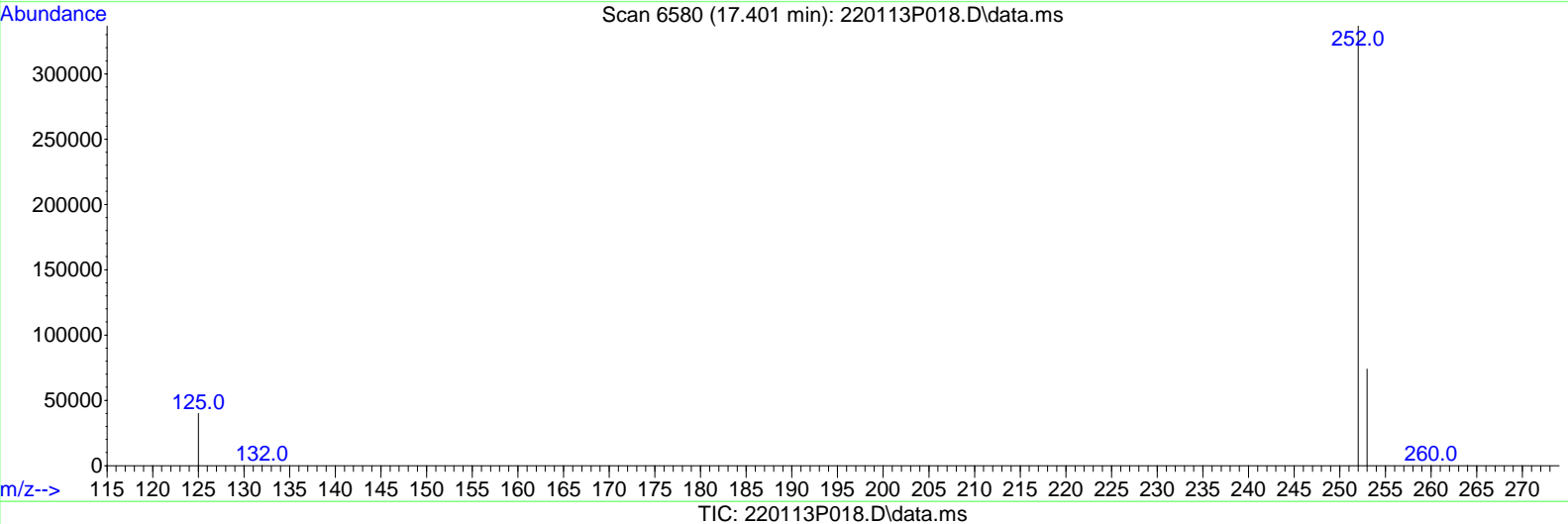
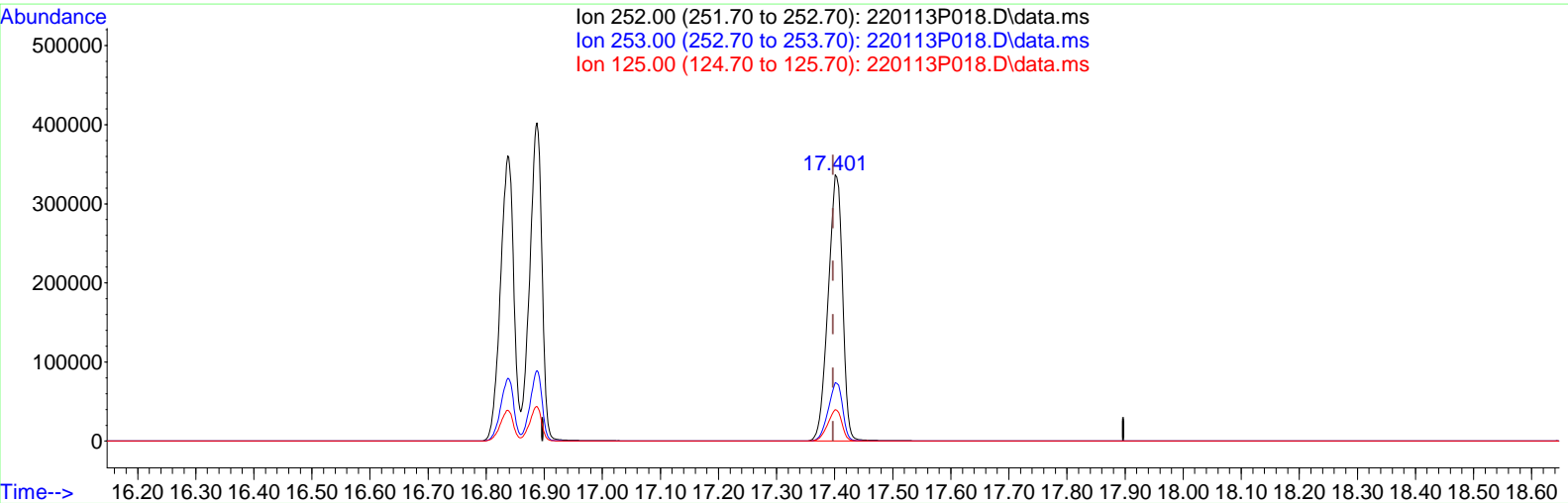
Manual Integration Reasons

- 1. Peak Not Found
- 2. Assign Peak

Date: 01/14/22 By: BDE

Data Path : C:\msdchem\1\data\220113P\
 Data File : 220113P018.D
 Acq On : 13 Jan 2022 7:07 pm
 Operator : BDE
 Sample : ICAL 9
 Misc : 8270C/D/E SIM;SVOCB045S90
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 14 10:06:22 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:05:26 2022
 Response via : Initial Calibration
 Integrator: RTE



(27) Benzo[a]pyrene (T)

17.401min (+ 0.004) 97.998 ug/ml m

response 578351

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	0.00	0.00
125.00	0.00	0.00
0.00	0.00	0.00



Advanced Environmental Laboratories, Inc.

Initial Calibration Verification Summary Report

FORM 6B

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 1/14/2022 11:46

Lab File ID: 220114P004.D

Instrument ID: J7P

Lab Sample ID: ICV

Parameter	Spike Added	ICV Result	ICV %D	QC Limits	
				Q	% D
1-Methylnaphthalene	20.0	19.0	5.0		20

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

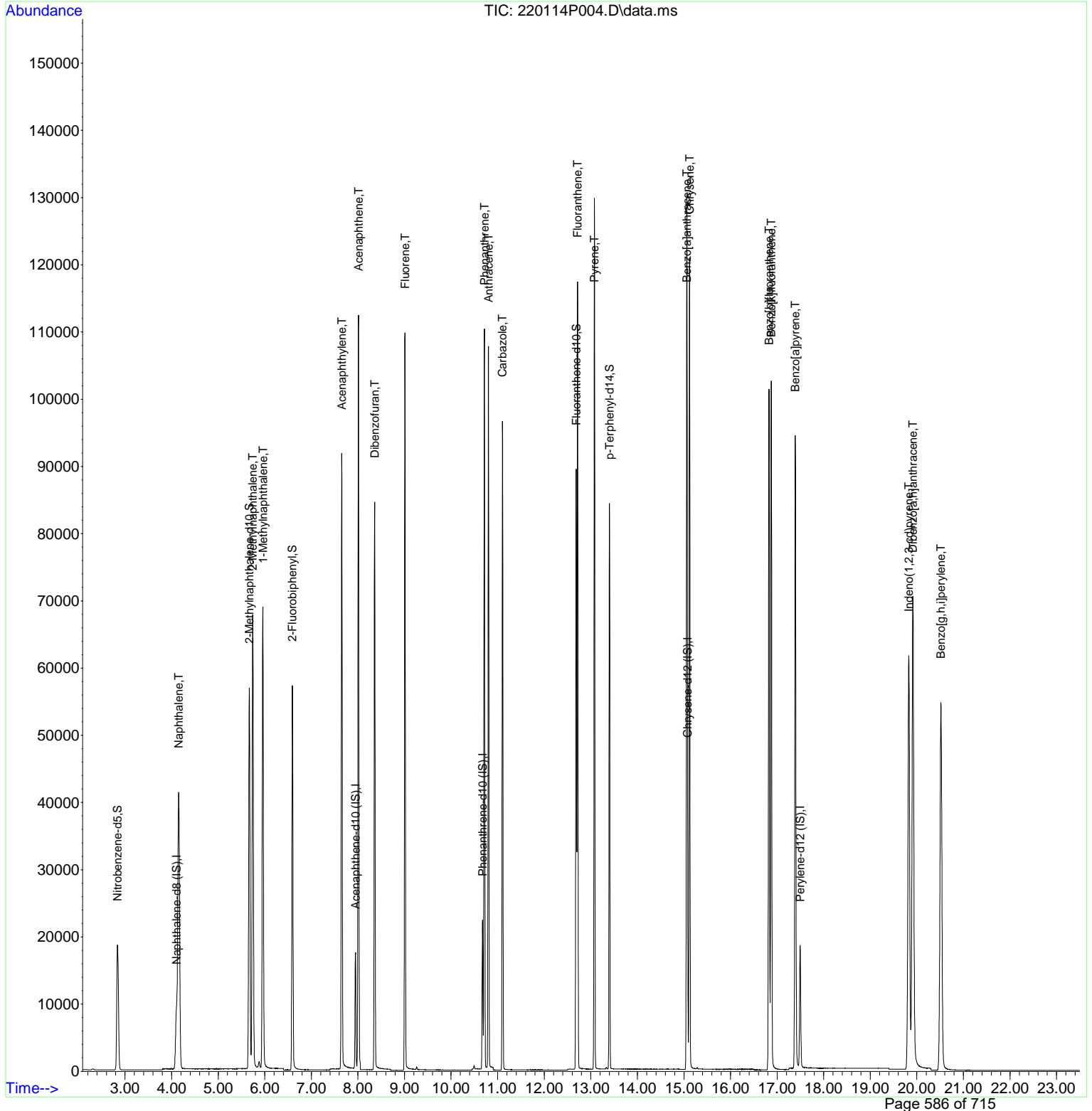
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.103	136	20077	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.948	164	10145m	4.000	ug/ml	0.00
13) Phenanthrene-d10 (IS)	10.676	188	20530	4.000	ug/ml	0.00
19) Chrysene-d12 (IS)	15.076	240	17851	4.000	ug/ml	0.00
24) Perylene-d12 (IS)	17.495	264	19189	4.000	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	2.839	82	24546	19.630	ug/ml	0.00
4) 2-Methylnaphthalene-d10	5.669	152	48595	18.906	ug/ml	0.00
8) 2-Fluorobiphenyl	6.592	172	67514	19.242	ug/ml	0.00
17) Fluoranthene-d10	12.685	212	88426	18.778	ug/ml	0.00
21) p-Terphenyl-d14	13.401	244	73481	19.324	ug/ml	0.00
Target Compounds						
						Qvalue
3) Naphthalene	4.154	128	88511	19.332	ug/ml	100
5) 2-Methylnaphthalene	5.741	142	56033	18.960	ug/ml	97
6) 1-Methylnaphthalene	5.958	142	54383	19.002	ug/ml	97
9) Acenaphthylene	7.652	152	98961	19.942	ug/ml	99
10) Acenaphthene	8.011	154	48002	18.983	ug/ml	95
11) Dibenzofuran	8.358	168	79458m	19.173	ug/ml	
12) Fluorene	9.010	166	63263	19.447	ug/ml	98
14) Phenanthrene	10.714	178	96376m	19.661	ug/ml	
15) Anthracene	10.803	178	94631m	20.011	ug/ml	
16) Carbazole	11.103	167	88091	18.583	ug/ml	99
18) Fluoranthene	12.717	202	106997	18.527	ug/ml	98
20) Pyrene	13.077	202	111589	19.378	ug/ml	98
22) Benzo[a]anthracene	15.062	228	106863	19.821	ug/ml	98
23) Chrysene	15.120	228	101377	19.333	ug/ml	98
25) Benzo[b]fluoranthene	16.827	252	111931	20.675	ug/ml	97
26) Benzo[k]fluoranthene	16.874	252	112144	19.775	ug/ml	97
27) Benzo[a]pyrene	17.390	252	110896	19.966	ug/ml	100
28) Indeno(1,2,3-cd)pyrene	19.827	276	105321	19.497	ug/ml	98
29) Dibenzo[a,h]anthracene	19.915	278	102359	19.499	ug/ml	98
30) Benzo[g,h,i]perylene	20.517	276	110406	19.055	ug/ml	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

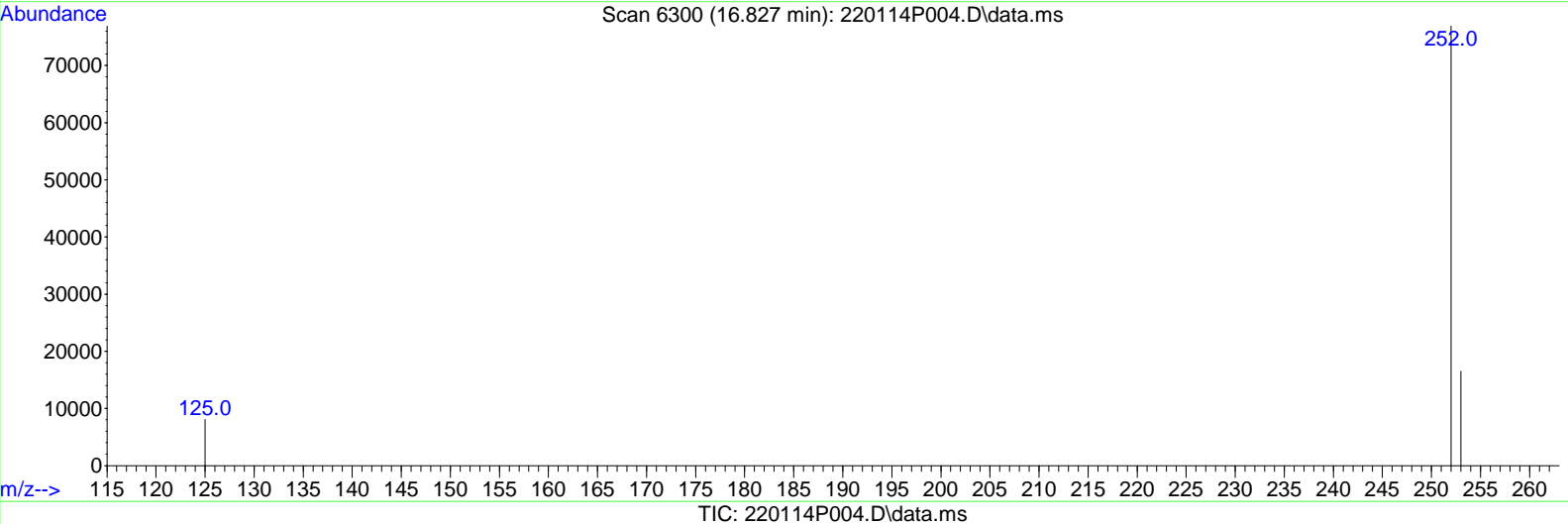
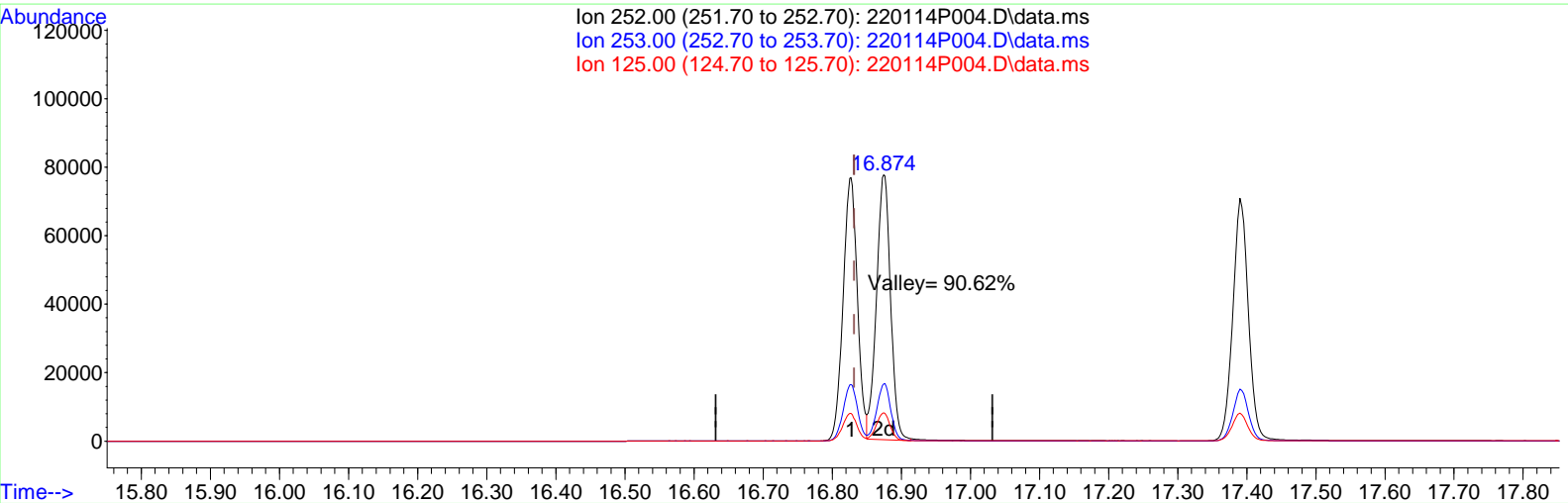
Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



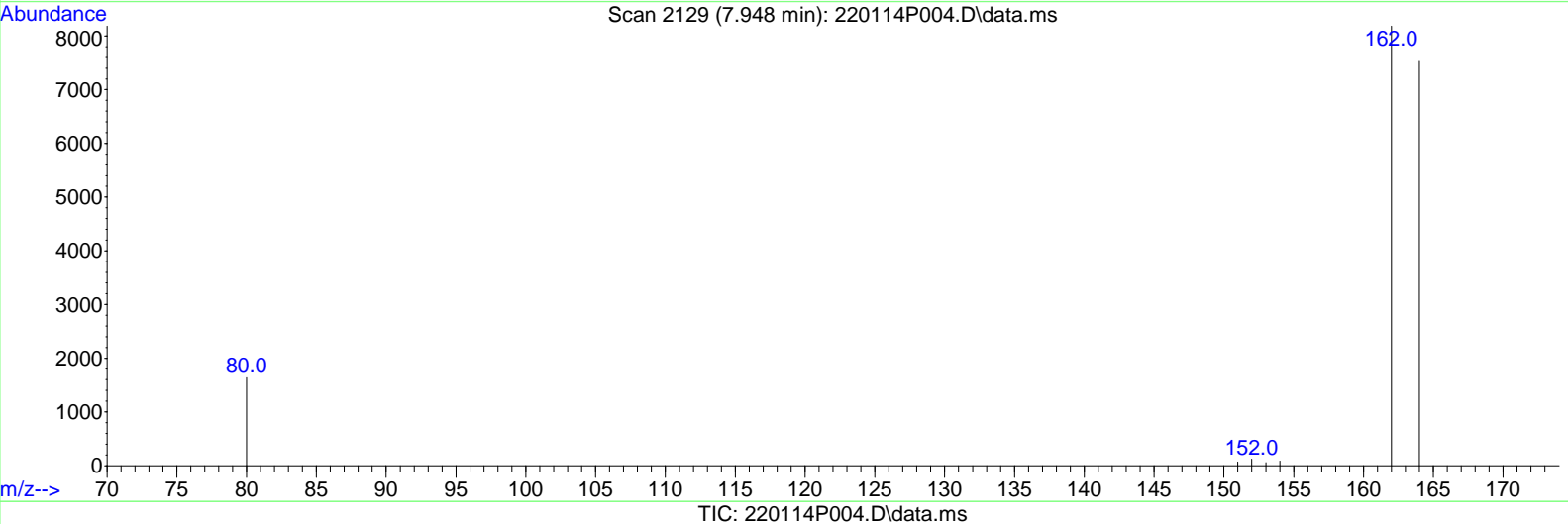
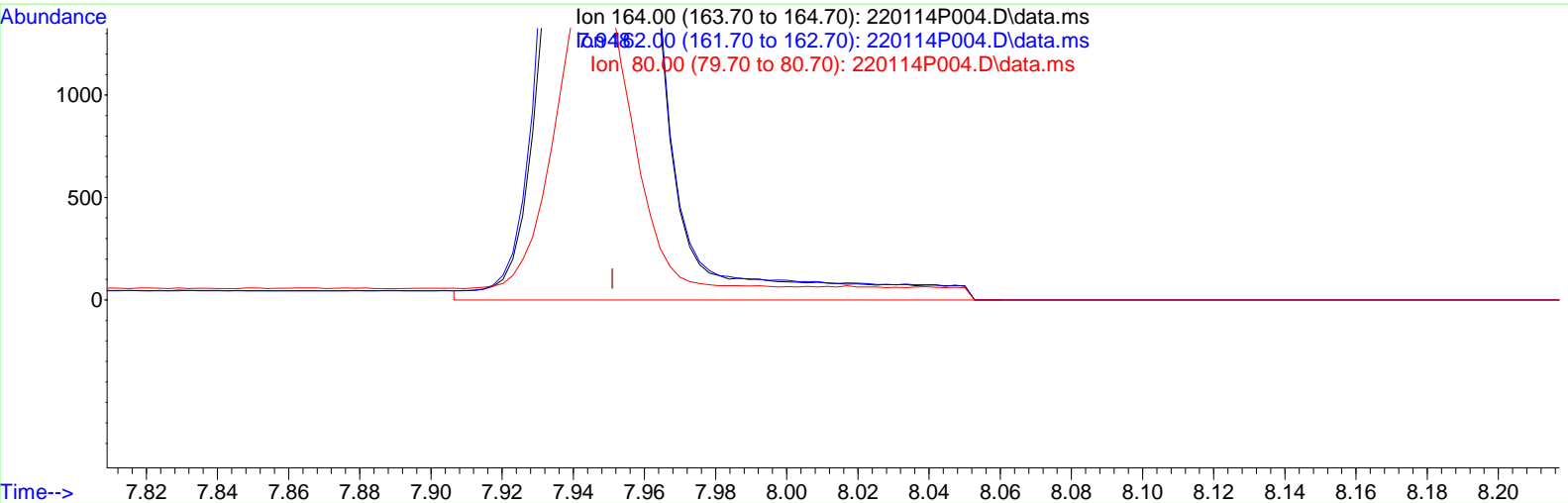
(25) Benzo[b]fluoranthene (T)

16.827min (-0.005) 20.675 ug/ml

response	111931
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 21.58
125.00	9.90 10.50
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(7) Acenaphthene-d10 (IS) (I)

7.948min (-0.003) 4.000 ug/ml

response 10390

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.70	109.21
80.00	22.00	21.62
0.00	0.00	0.00

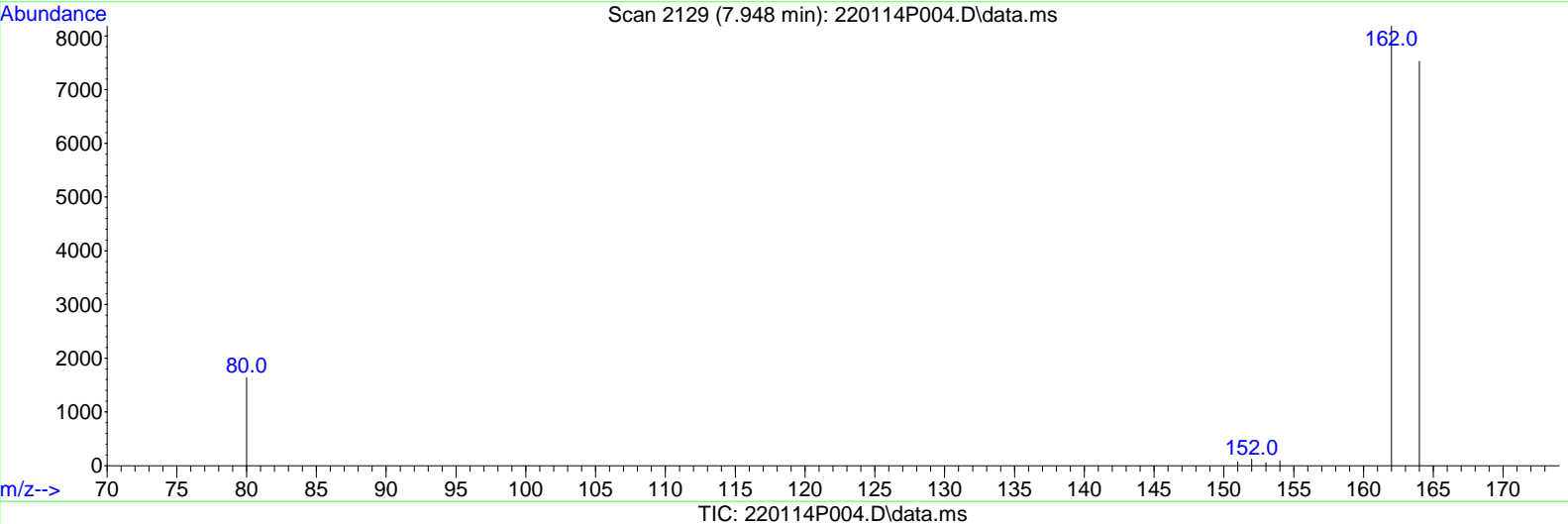
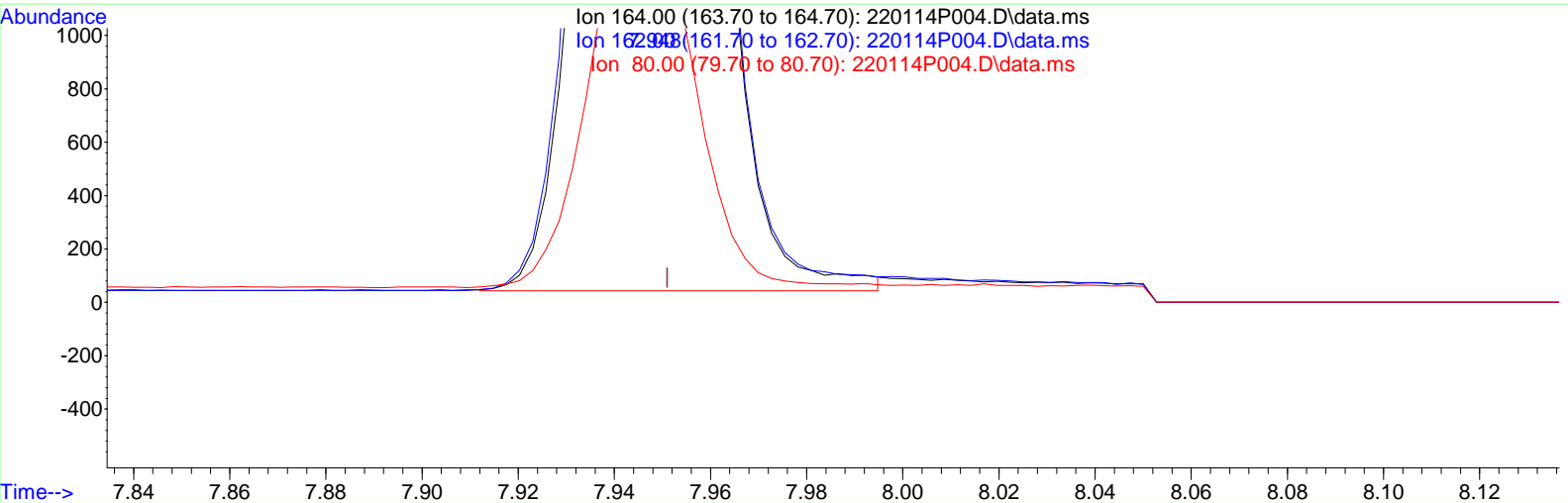
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



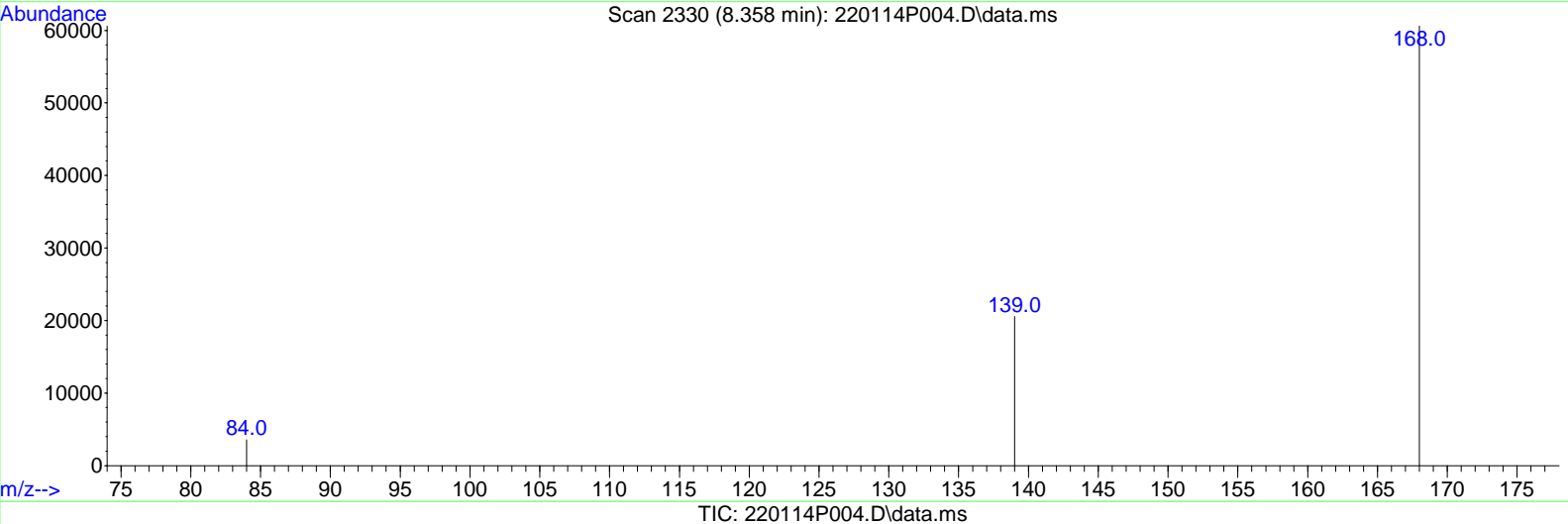
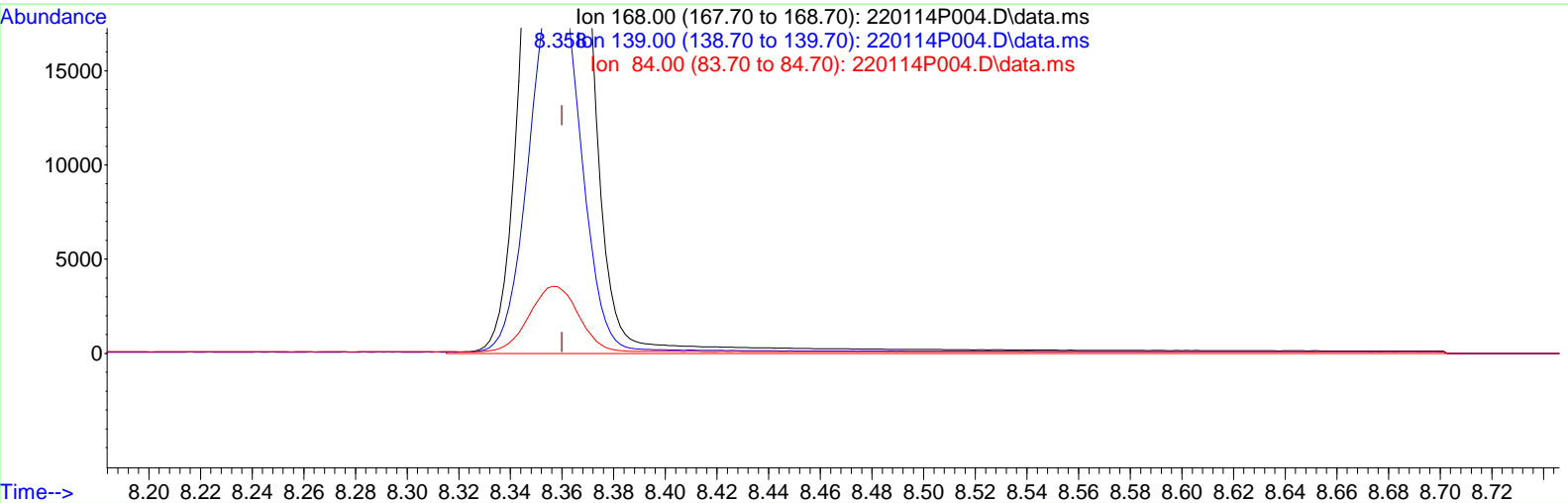
(7) Acenaphthene-d10 (IS) (I)

7.948min (-0.003) 4.000 ug/ml m

response	10145
Ion	Exp% Act%
164.00	100.00 100.00
162.00	106.70 111.85
80.00	22.00 22.14
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(11) Dibenzofuran (T)

8.358min (-0.002) 20.156 ug/ml

response 83531

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	33.31#
84.00	0.00	5.60
0.00	0.00	0.00

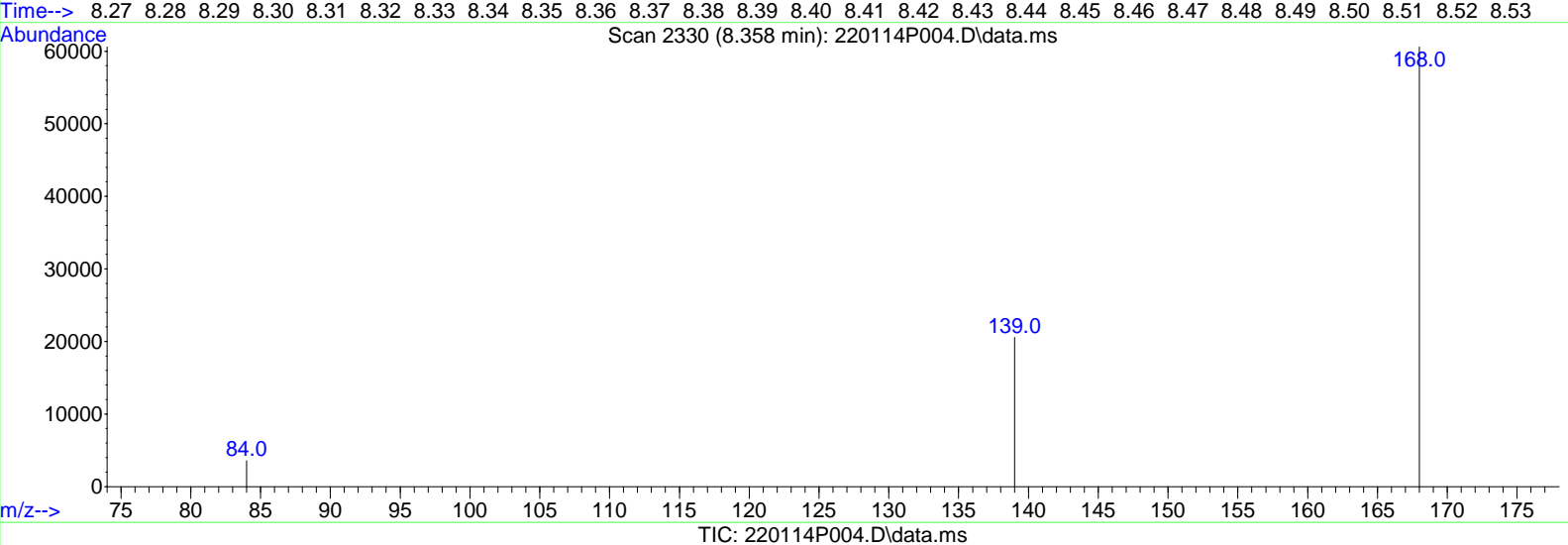
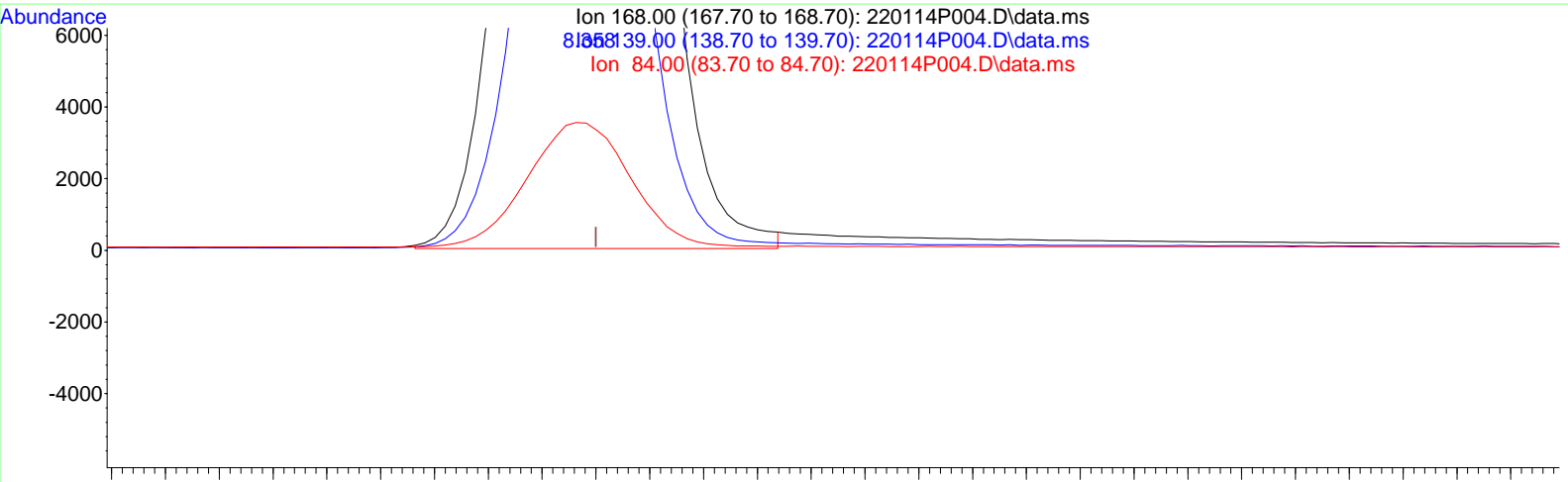
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(11) Dibenzofuran (T)

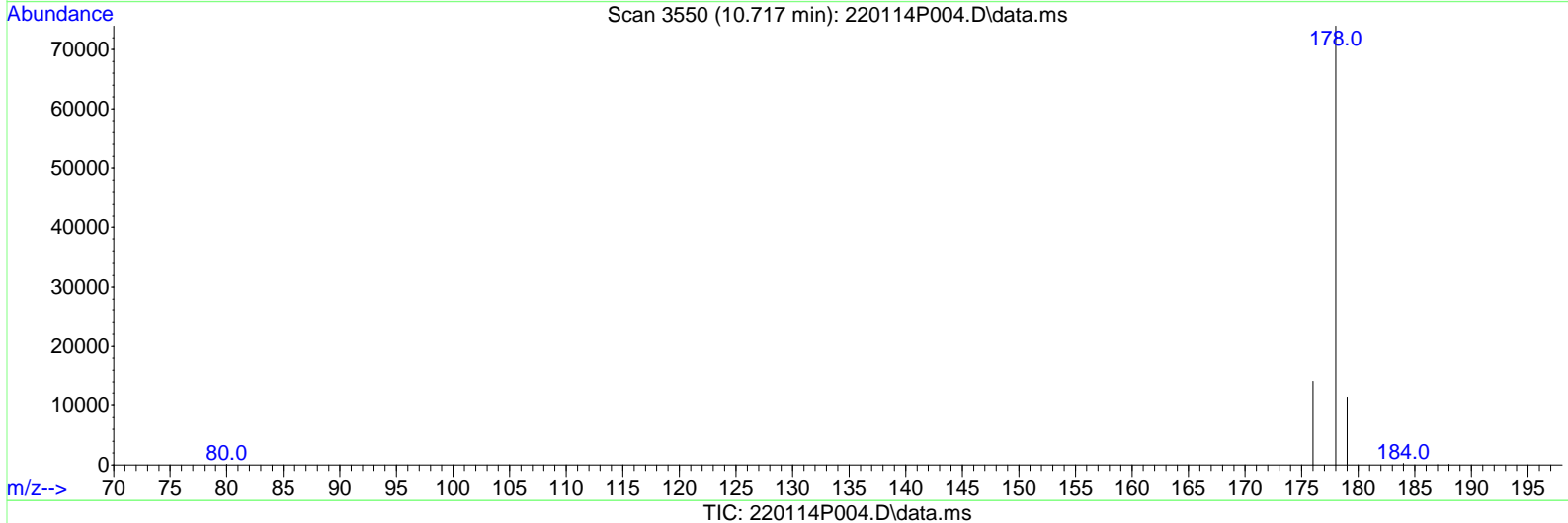
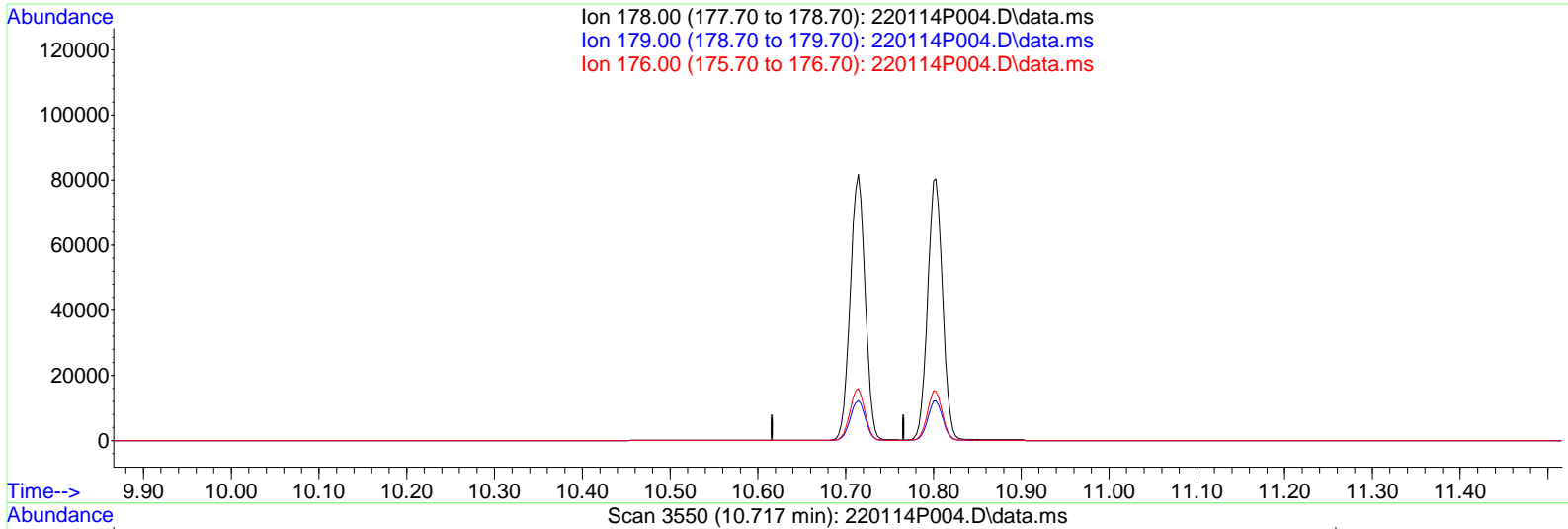
8.358min (-0.002) 19.173 ug/ml m

response 79458

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	35.01#
84.00	0.00	5.89
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.716min (-10.716) 0.000 ug/ml

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

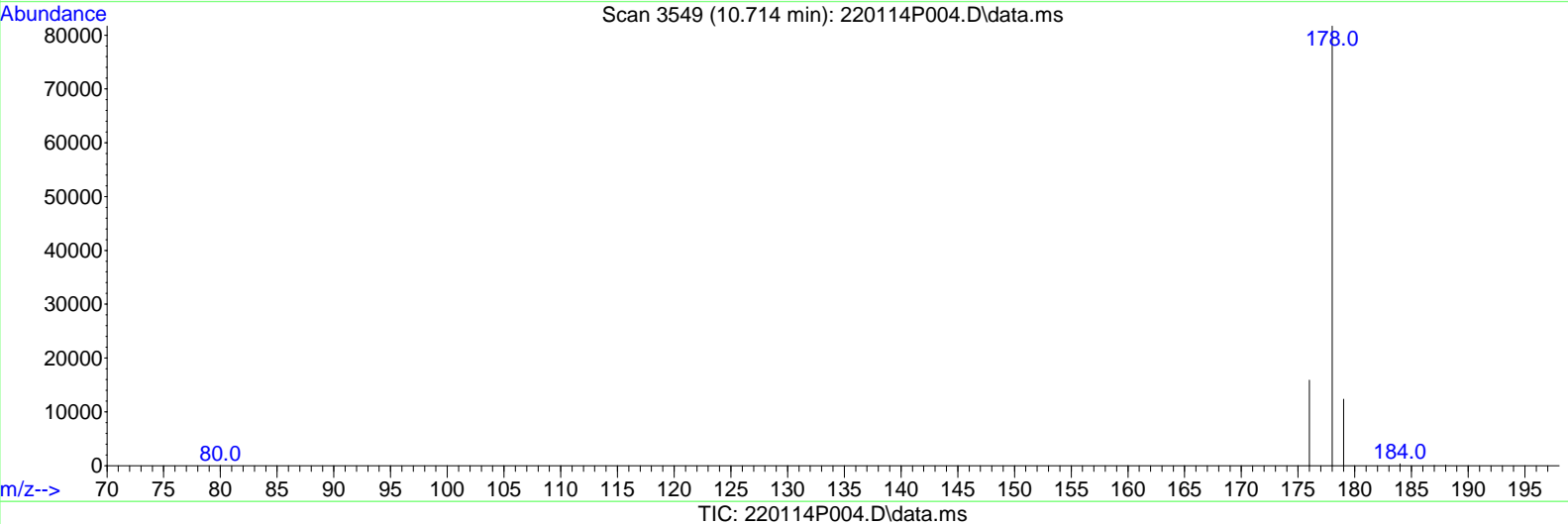
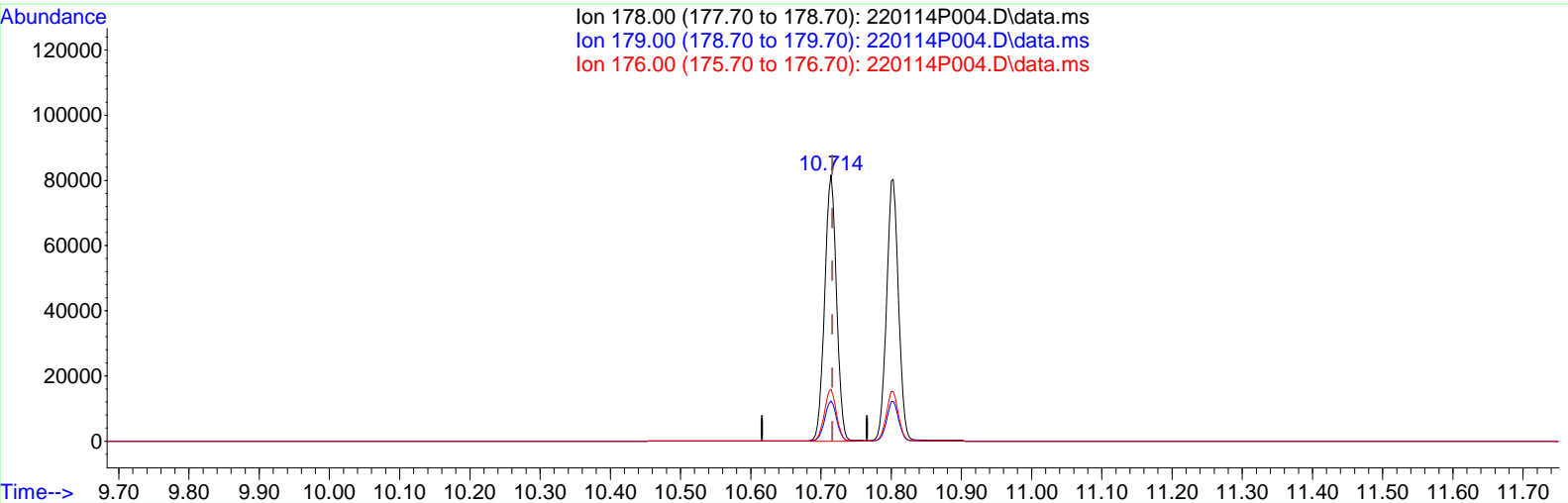
Manual Integration Reasons

- 1. Peak Not Found
- 2. Assign Peak

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

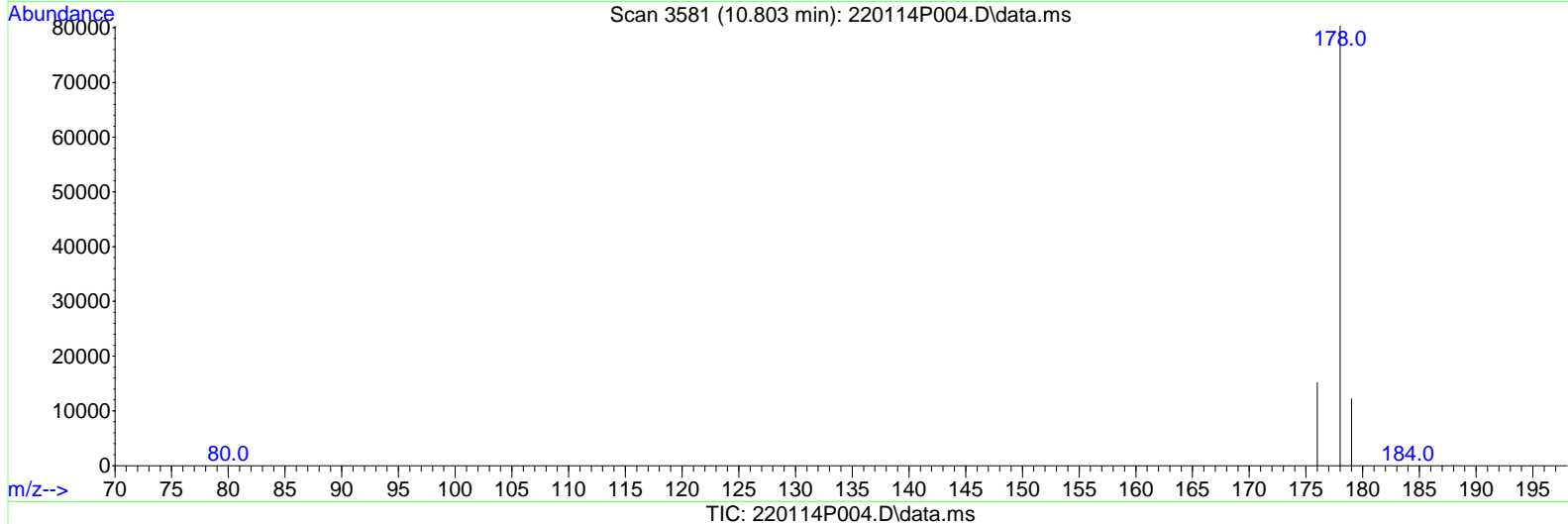
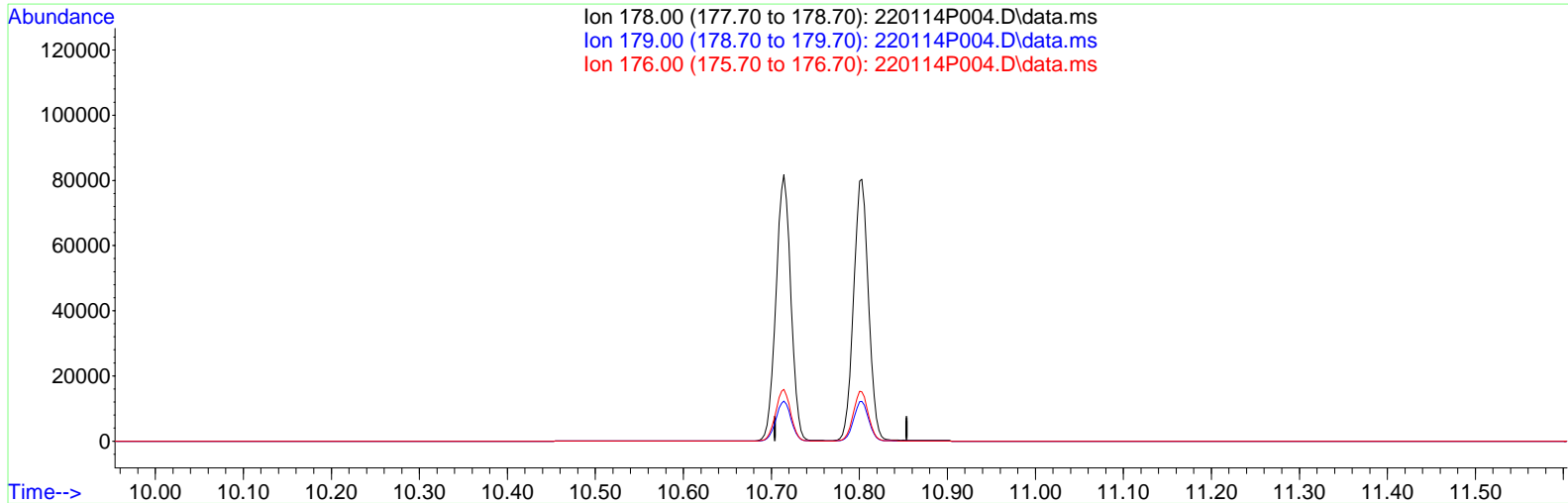
10.714min (-0.002) 19.661 ug/ml m

response 96376

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.804min (-10.804) 0.000 ug/ml

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.80	0.00
176.00	18.20	0.00
0.00	0.00	0.00

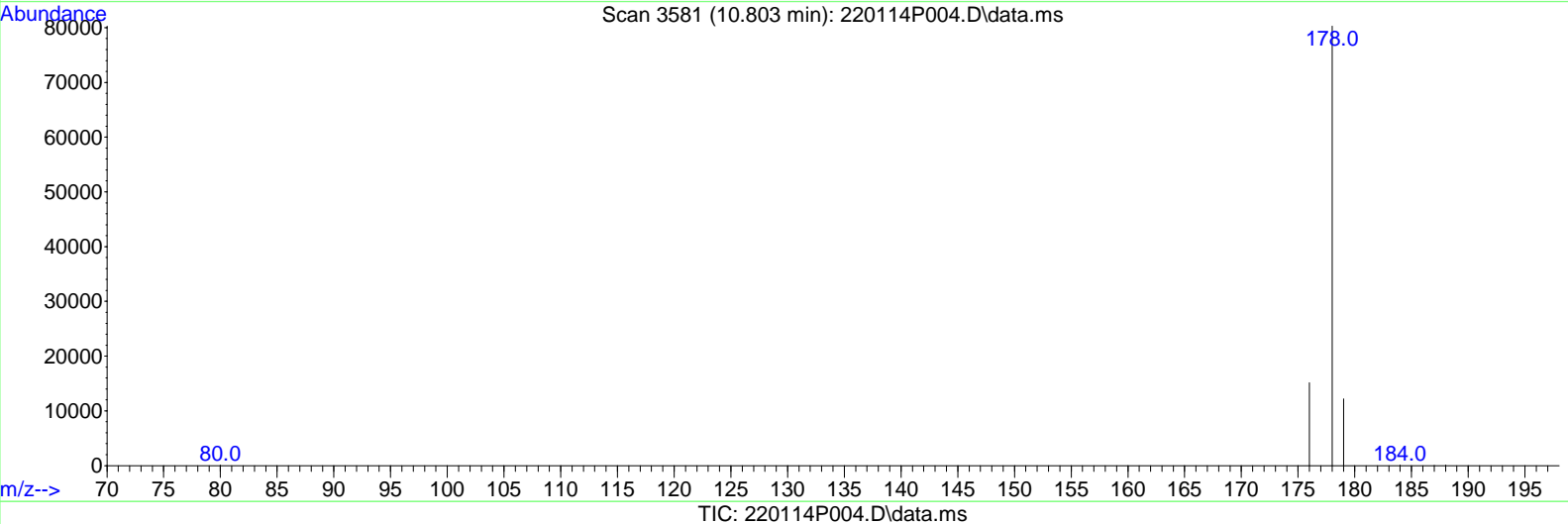
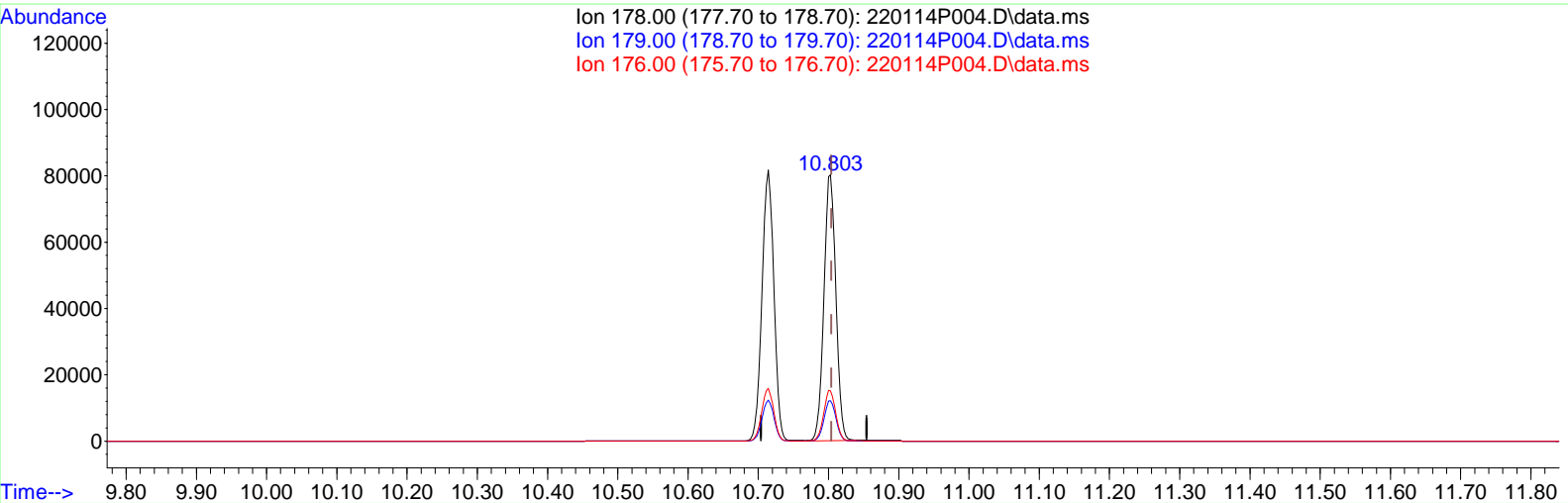
Manual Integration Reasons

- 1. Peak Not Found
- 2. Assign Peak

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220114P\
 Data File : 220114P004.D
 Acq On : 14 Jan 2022 11:46 am
 Operator : BDE
 Sample : ICV
 Misc : 8270C/D/E SIM;SVOCB045S9P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 14 12:09:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.803min (-0.001) 20.011 ug/ml m

response 94631

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	0.00
176.00	18.20	0.00
0.00	0.00	0.00



Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 1/25/2022 13:49

Lab File ID: 220125P004.D

Instrument ID: J7P

Lab Sample ID: CCV

Parameter	Spike Added	CCV Result	CCV %D	QC Limits	
				Q	% D
1-Methylnaphthalene	20.0	19.3	3.7		20
2-Fluorobiphenyl	20.0	18.6	6.9		20
2-Methylnaphthalene-d10	20.0	18.9	5.6		20
Fluoranthene-d10	20.0	19.3	3.6		20
Nitrobenzene-d5	20.0	21.6	8.2		20
p-Terphenyl-d14	20.0	19.3	3.7		20

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation

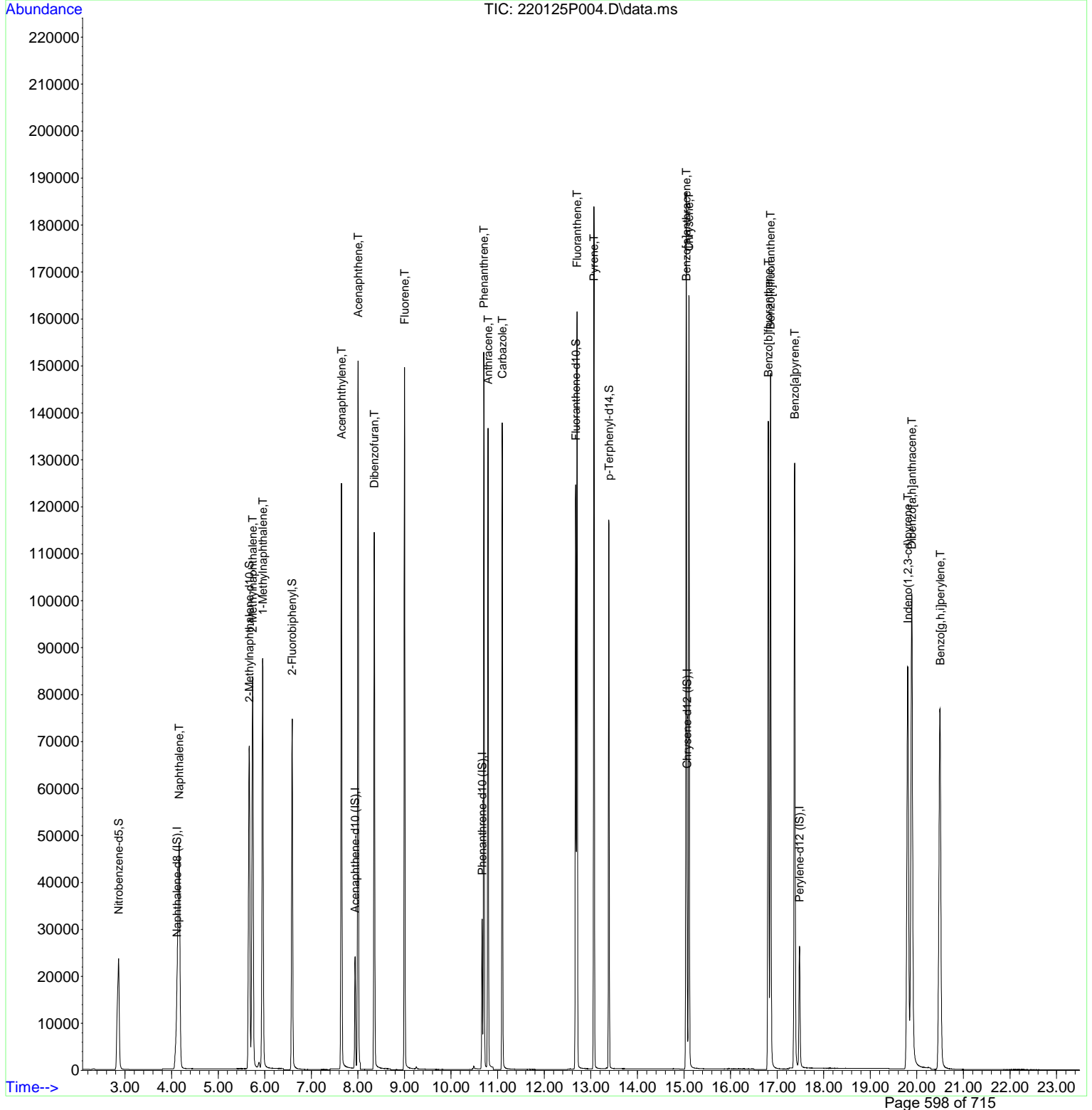
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.115	136	27099	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	14154	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.667	188	28230	4.000	ug/ml	0.00
19) Chrysene-d12 (IS)	15.064	240	25219	4.000	ug/ml	-0.01
24) Perylene-d12 (IS)	17.481	264	27964	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.860	82	36535	21.646	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.666	152	65500	18.880	ug/ml	0.00
8) 2-Fluorobiphenyl	6.589	172	91127m	18.616	ug/ml	0.00
17) Fluoranthene-d10	12.675	212	124880	19.286	ug/ml	-0.01
21) p-Terphenyl-d14	13.389	244	103454	19.257	ug/ml	-0.01
Target Compounds						
						Qvalue
3) Naphthalene	4.161	128	119306	19.306	ug/ml	100
5) 2-Methylnaphthalene	5.739	142	75926	19.034	ug/ml	97
6) 1-Methylnaphthalene	5.955	142	74432	19.269	ug/ml	97
9) Acenaphthylene	7.644	152	136289	19.685	ug/ml	99
10) Acenaphthene	8.003	154	66135	18.746	ug/ml	95
11) Dibenzofuran	8.351	168	110598m	19.128	ug/ml	
12) Fluorene	9.001	166	87761	19.336	ug/ml	98
14) Phenanthrene	10.703	178	132928m	19.721	ug/ml	
15) Anthracene	10.792	178	122343m	18.815	ug/ml	
16) Carbazole	11.099	167	121481	18.637	ug/ml	99
18) Fluoranthene	12.704	202	150487	18.950	ug/ml	98
20) Pyrene	13.067	202	156166	19.196	ug/ml	99
22) Benzo[a]anthracene	15.050	228	148839	19.540	ug/ml	98
23) Chrysene	15.105	228	143858	19.419	ug/ml	98
25) Benzo[b]fluoranthene	16.812	252	153945	19.508	ug/ml	97
26) Benzo[k]fluoranthene	16.861	252	159457	19.294	ug/ml	98
27) Benzo[a]pyrene	17.376	252	159277	19.678	ug/ml	100
28) Indeno(1,2,3-cd)pyrene	19.806	276	150182	19.077	ug/ml	98
29) Dibenzo[a,h]anthracene	19.890	278	147106	19.230	ug/ml	98
30) Benzo[g,h,i]perylene	20.498	276	158629	18.787	ug/ml	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

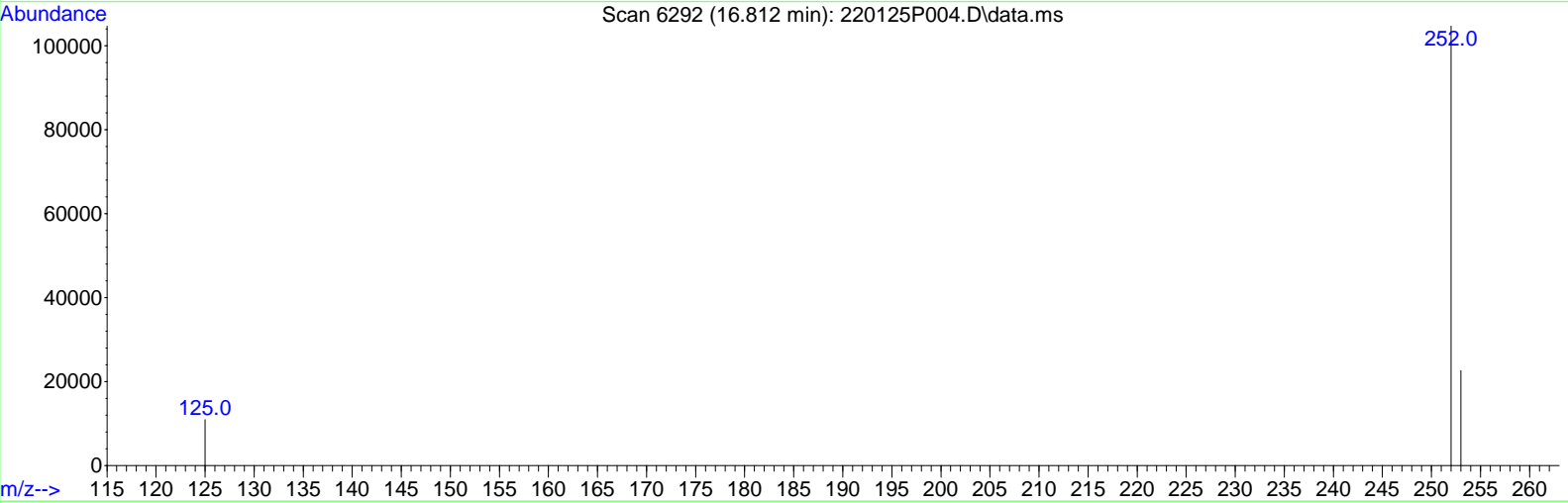
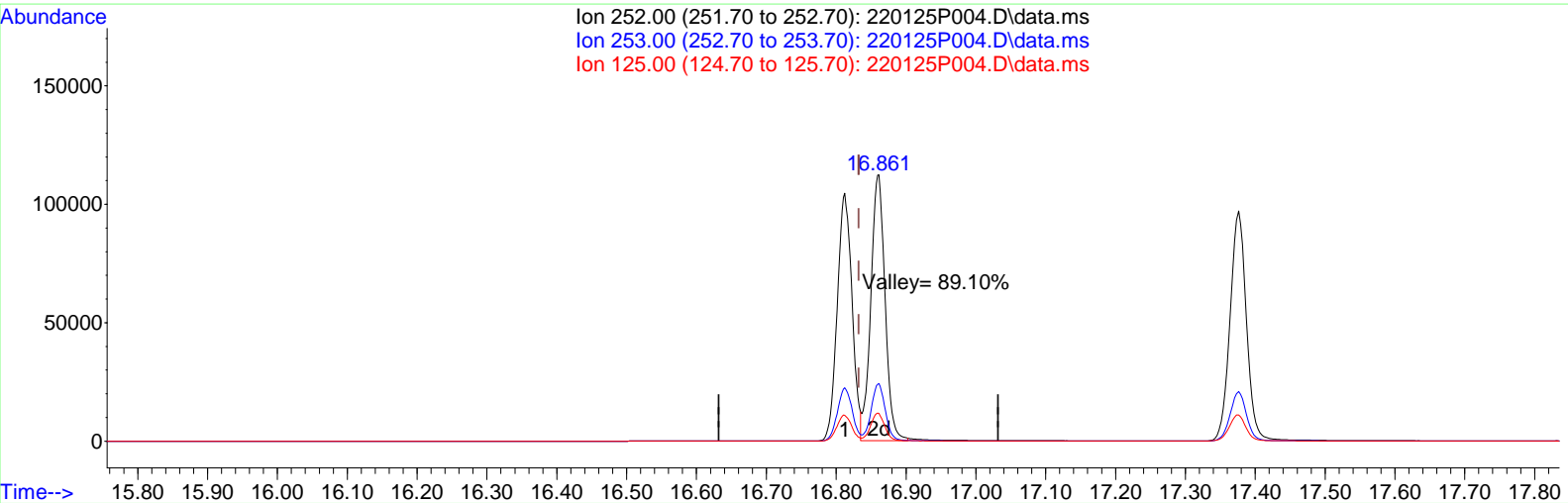
Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



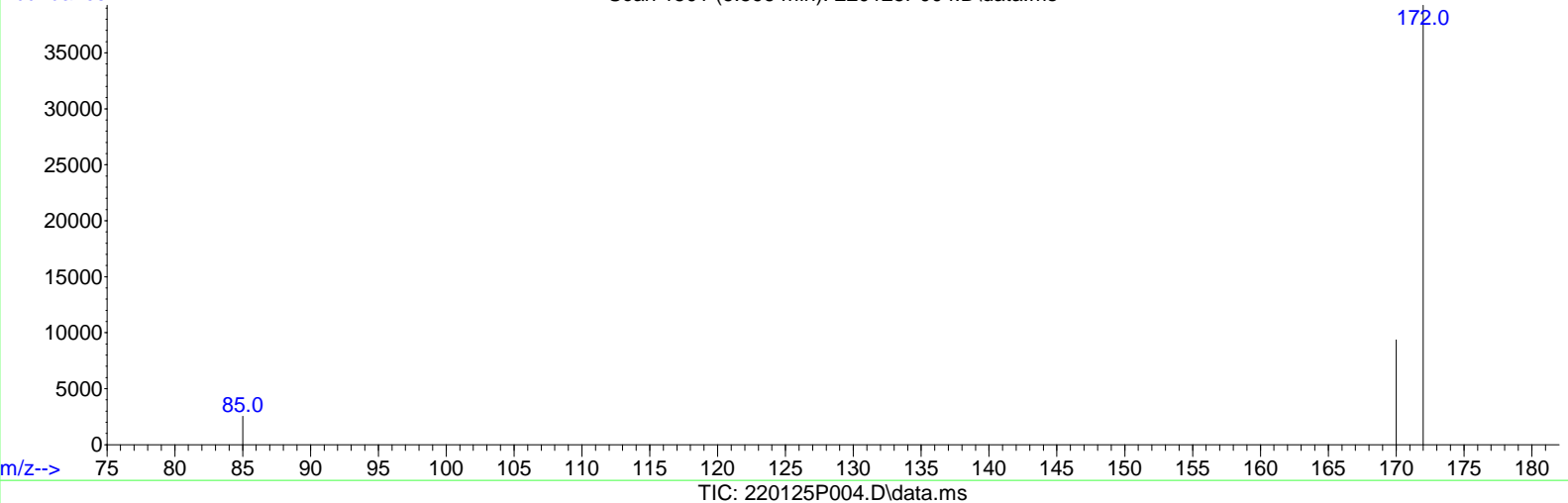
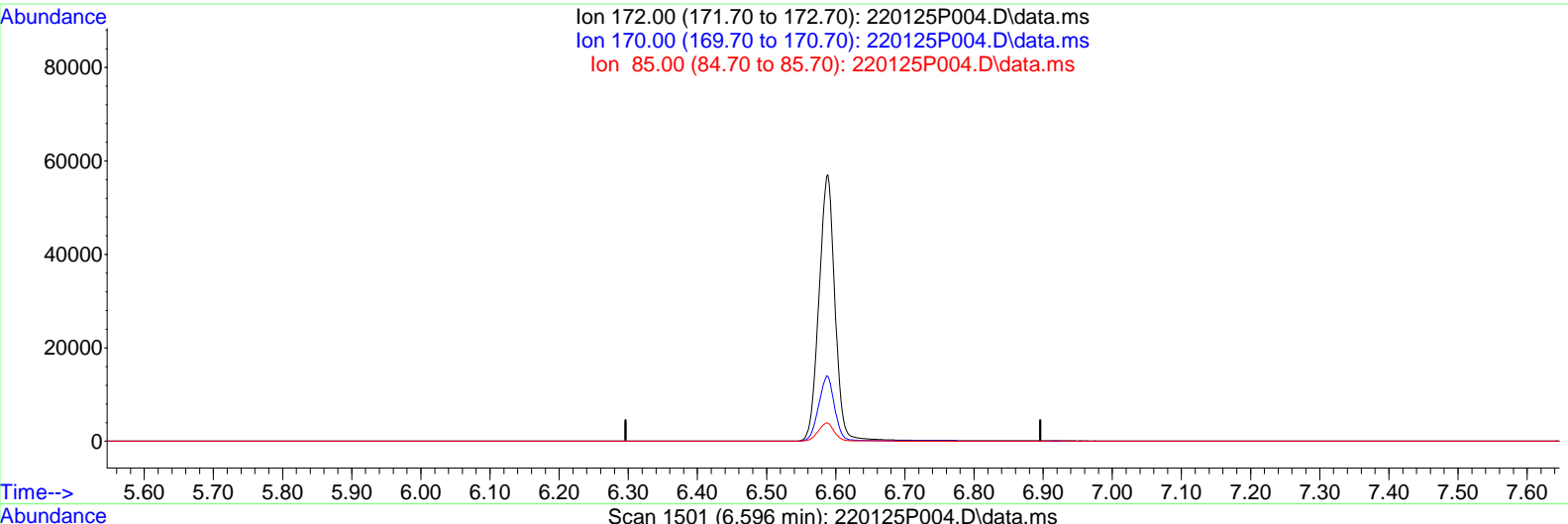
(25) Benzo[b]fluoranthene (T)

16.812min (-0.020) 19.508 ug/ml

response	153945
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 21.55
125.00	9.90 10.55
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(8) 2-Fluorobiphenyl (S)

6.596min (-6.596) 0.000 ug/ml

response 0

Ion	Exp%	Act%
172.00	100.00	0.00
170.00	23.80	0.00
85.00	6.70	0.00
0.00	0.00	0.00

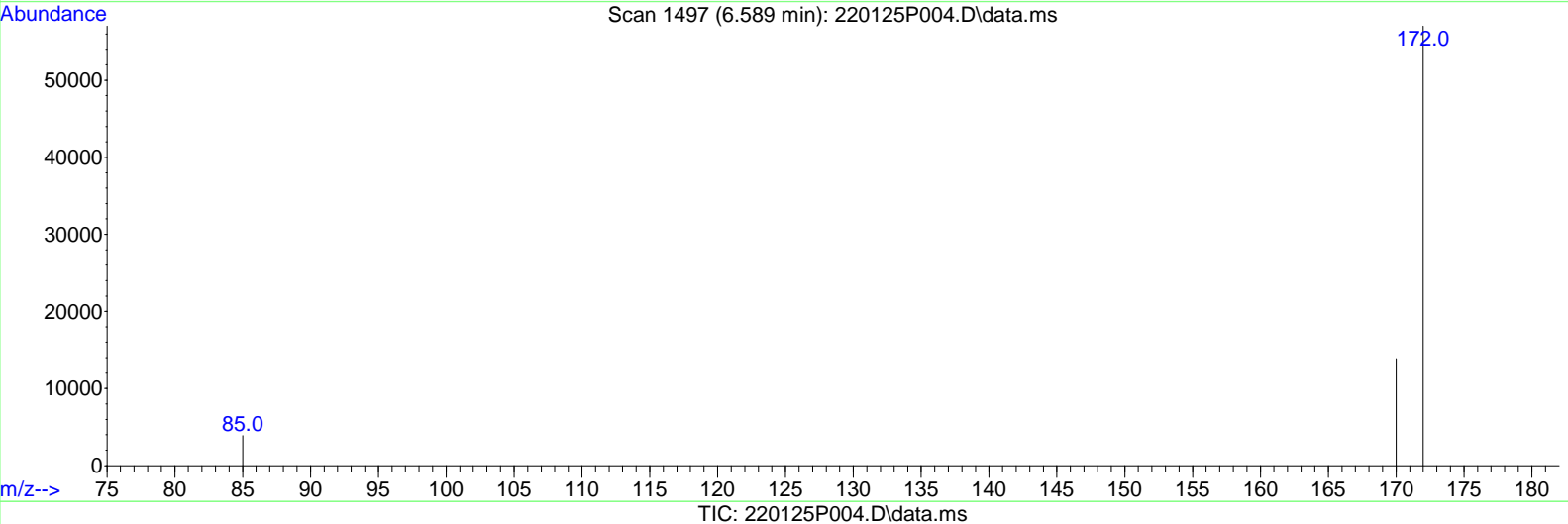
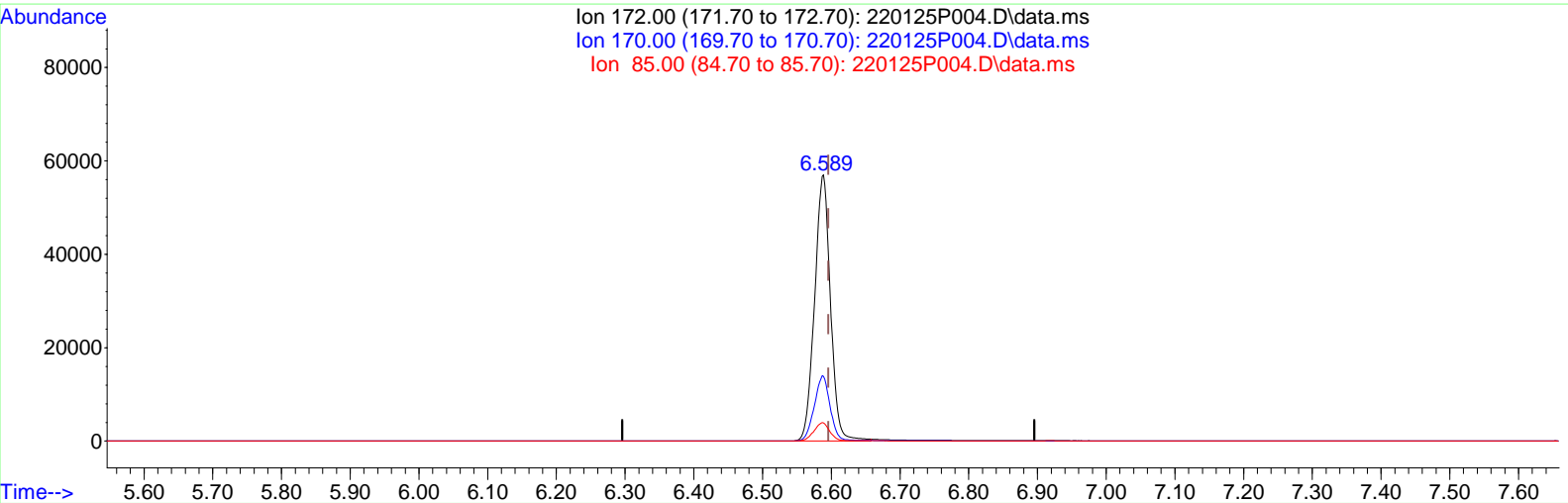
Manual Integration Reasons

- 1. Peak Not Found
- 2. Assign Peak

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(8) 2-Fluorobiphenyl (S)

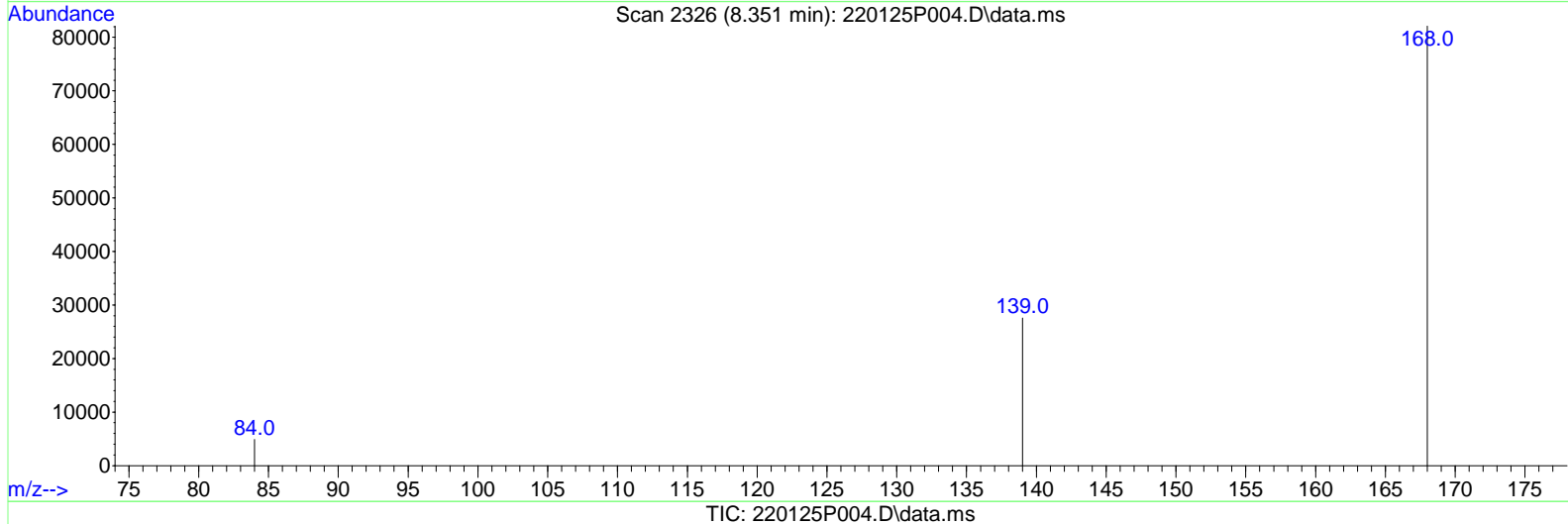
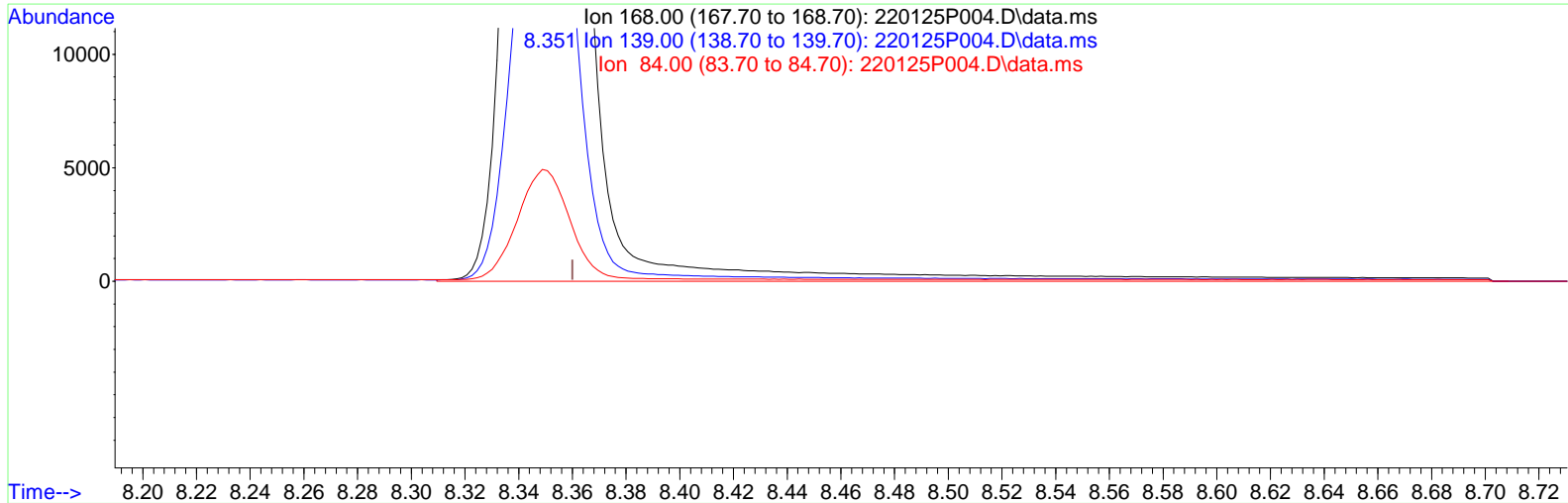
6.589min (-0.007) 18.616 ug/ml m

response 91127

Ion	Exp%	Act%
172.00	100.00	100.00
170.00	23.80	0.00
85.00	6.70	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation



(11) Dibenzofuran (T)

8.351min (-0.009) 19.938 ug/ml

response 115281

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	33.04#
84.00	0.00	5.78
0.00	0.00	0.00

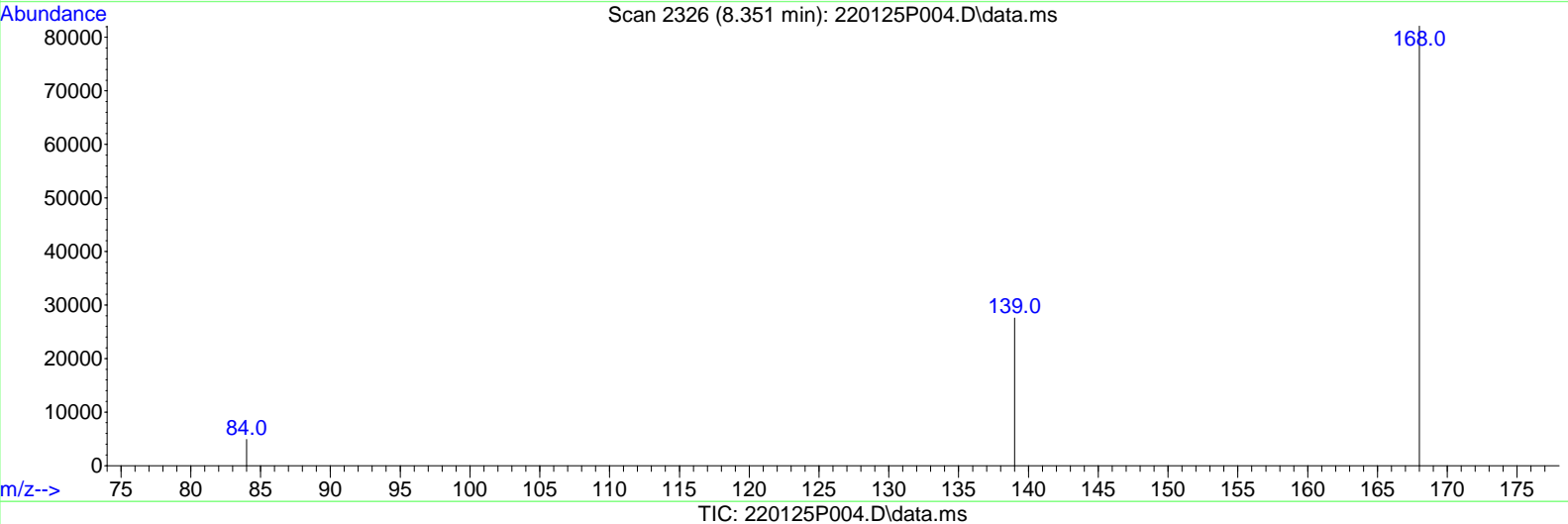
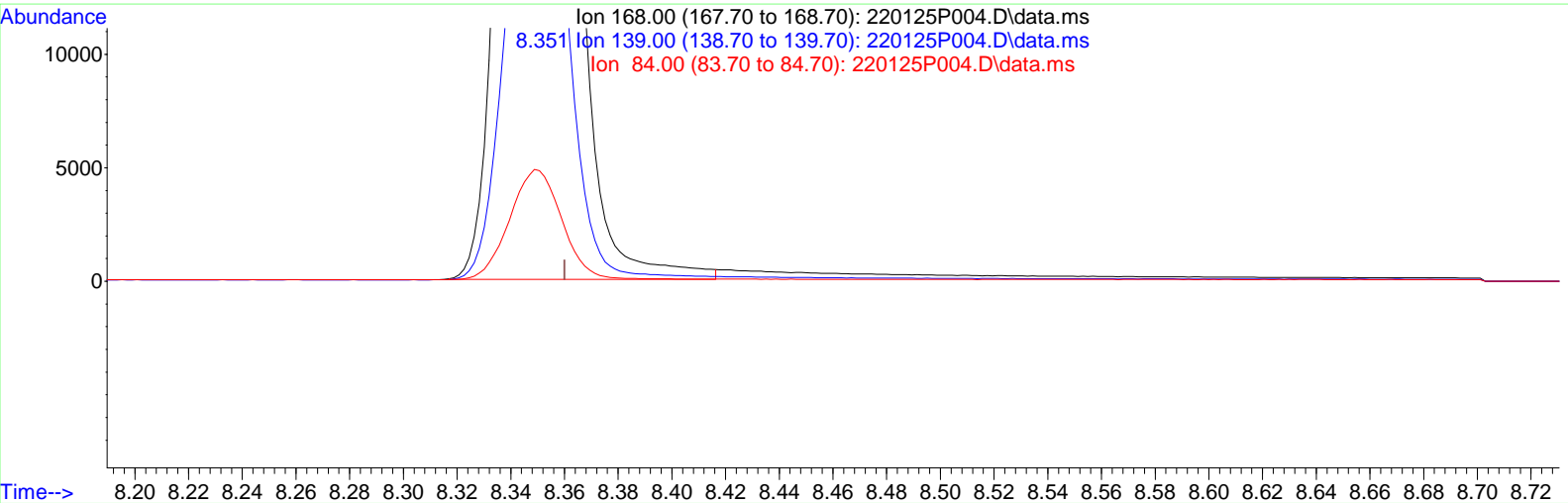
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation



(11) Dibenzofuran (T)

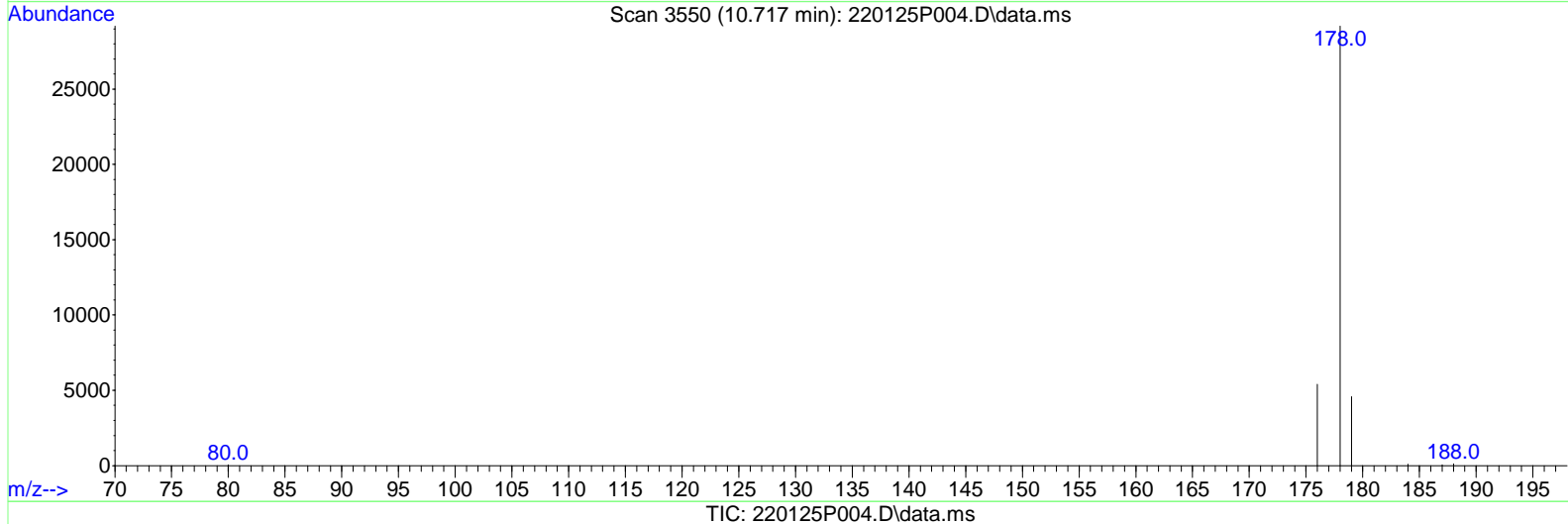
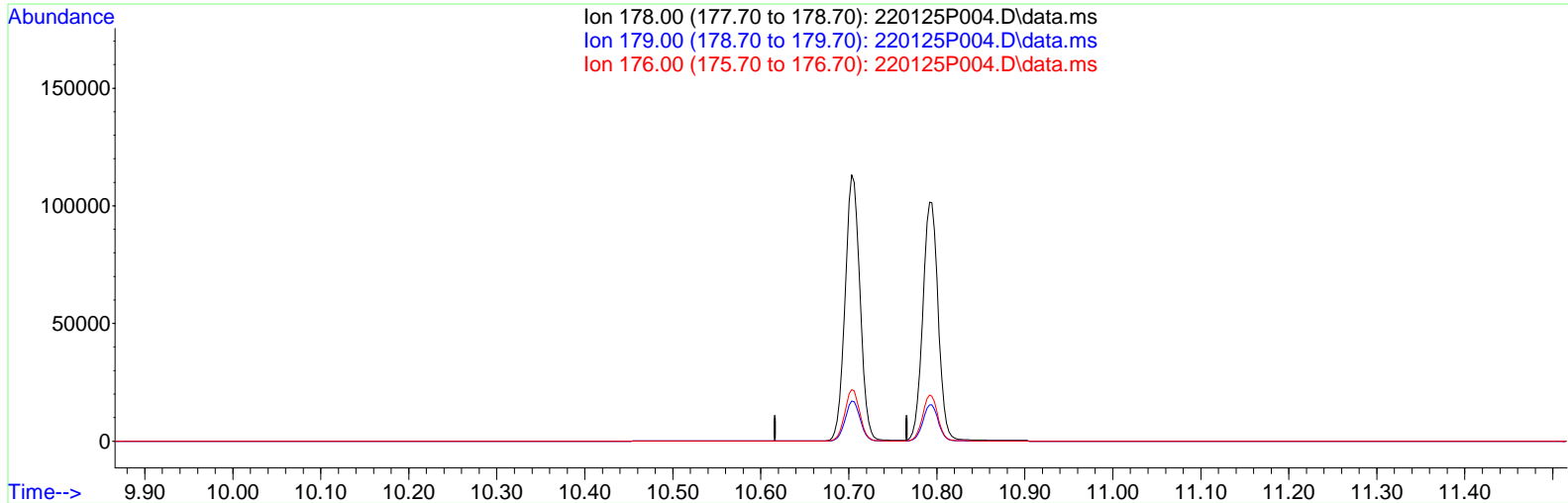
8.351min (-0.009) 19.128 ug/ml m

response 110598

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	34.44#
84.00	0.00	6.02
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.716min (-10.716) 0.000 ug/ml

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

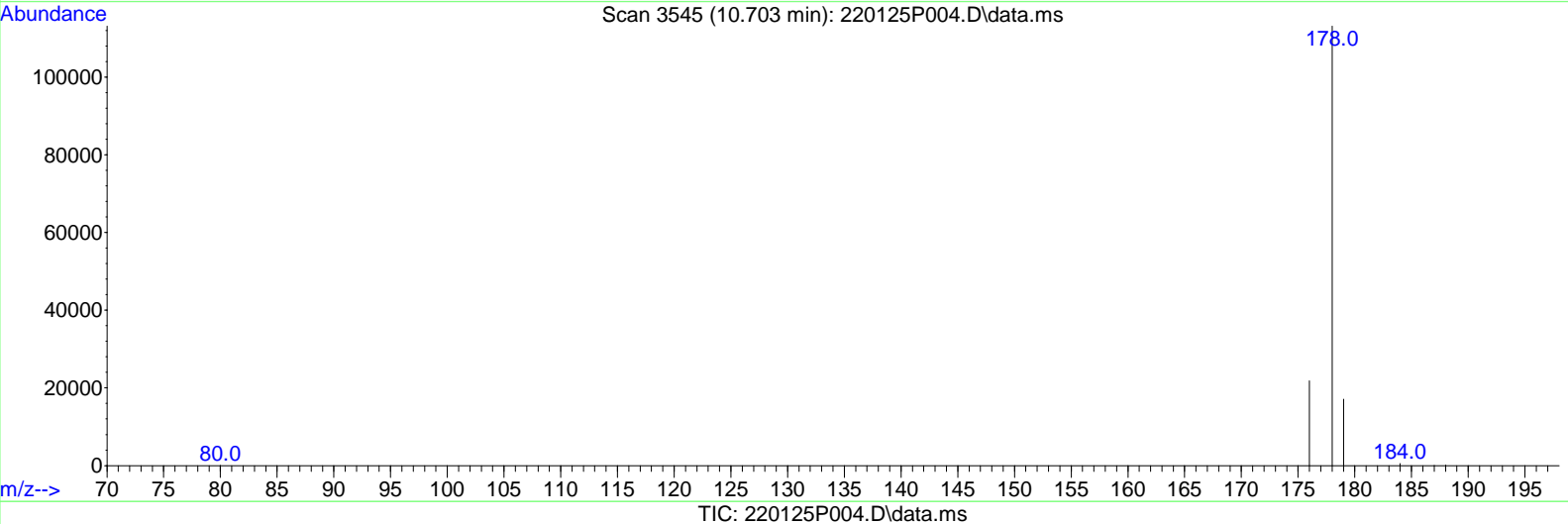
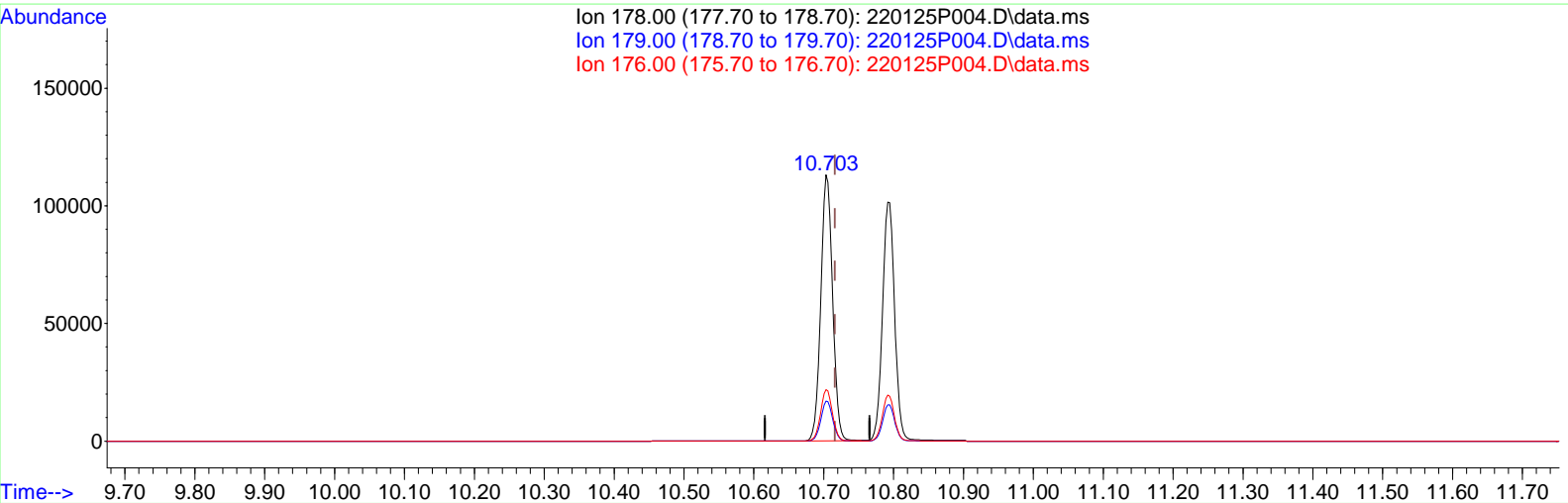
Manual Integration Reasons

- 1. Peak Not Found
- 2. Assign Peak

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

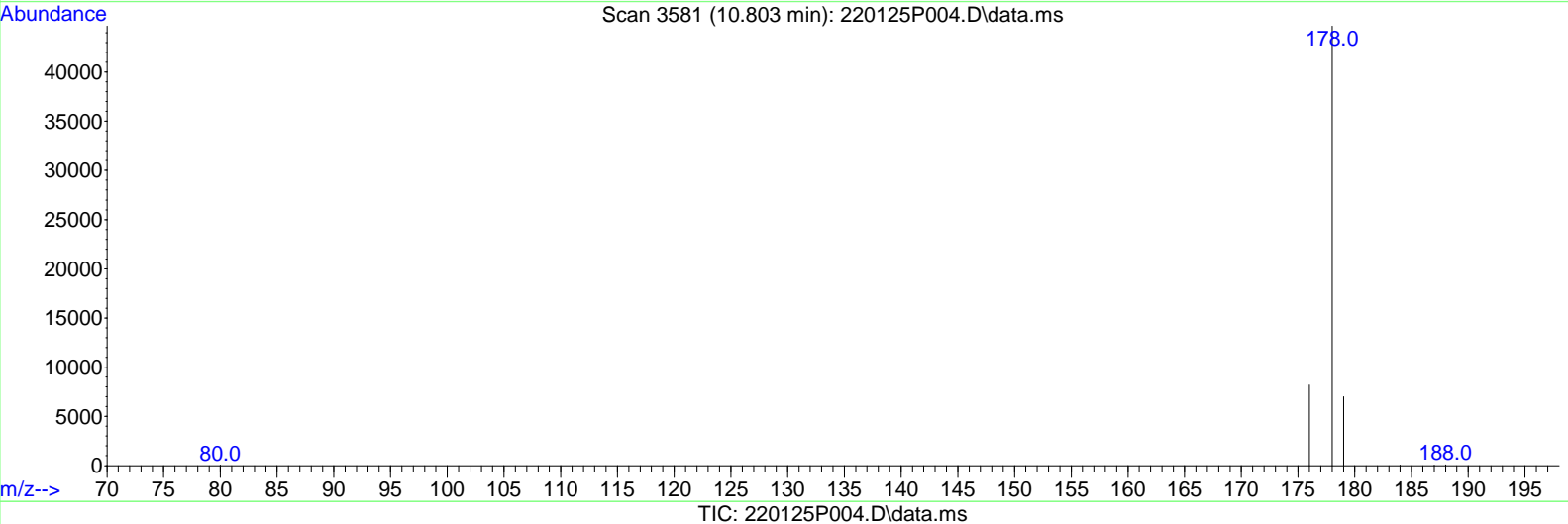
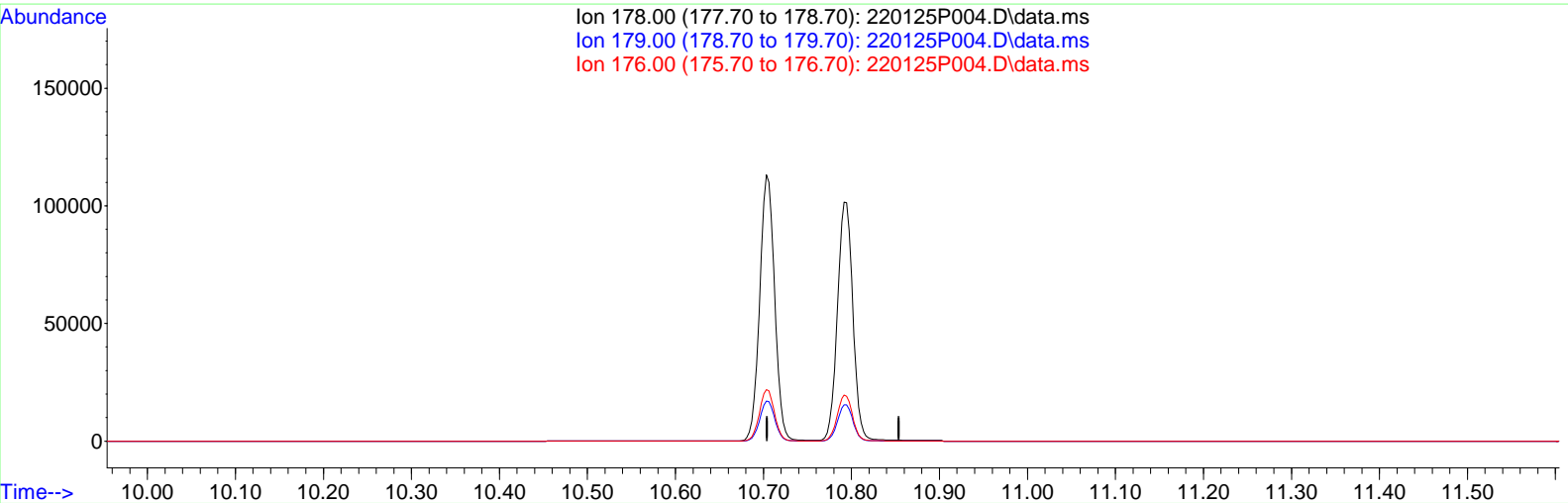
10.703min (-0.013) 19.721 ug/ml m

response 132928

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	0.00
176.00	18.90	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.804min (-10.804) 0.000 ug/ml

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.80	0.00
176.00	18.20	0.00
0.00	0.00	0.00

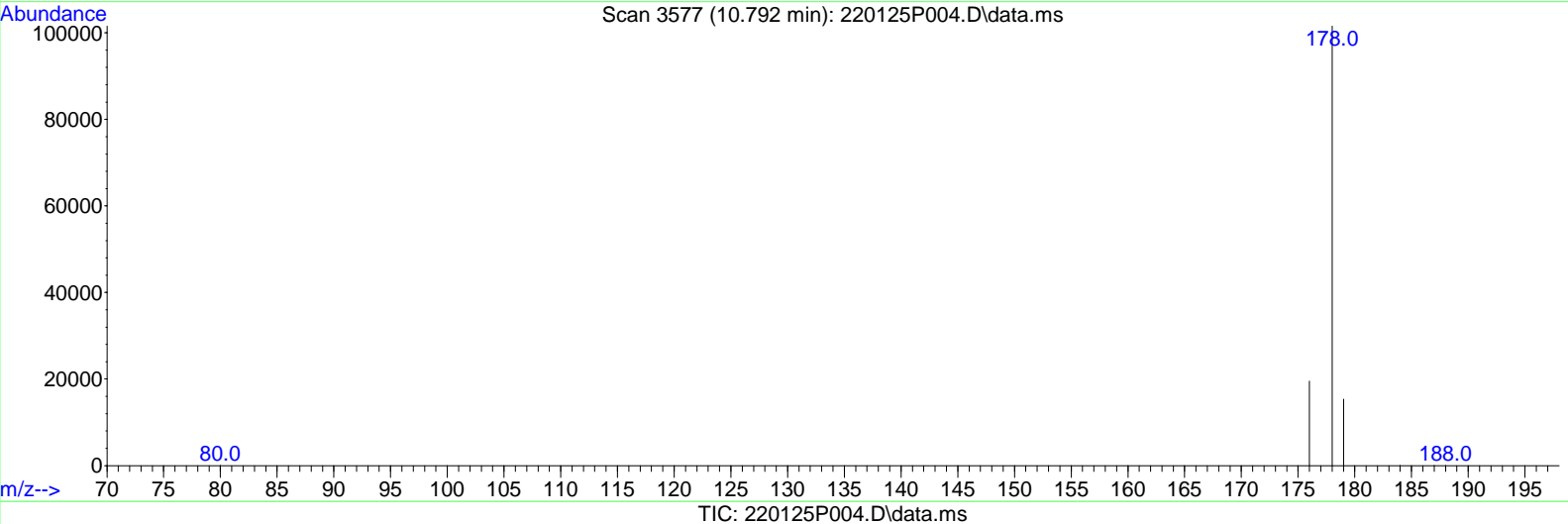
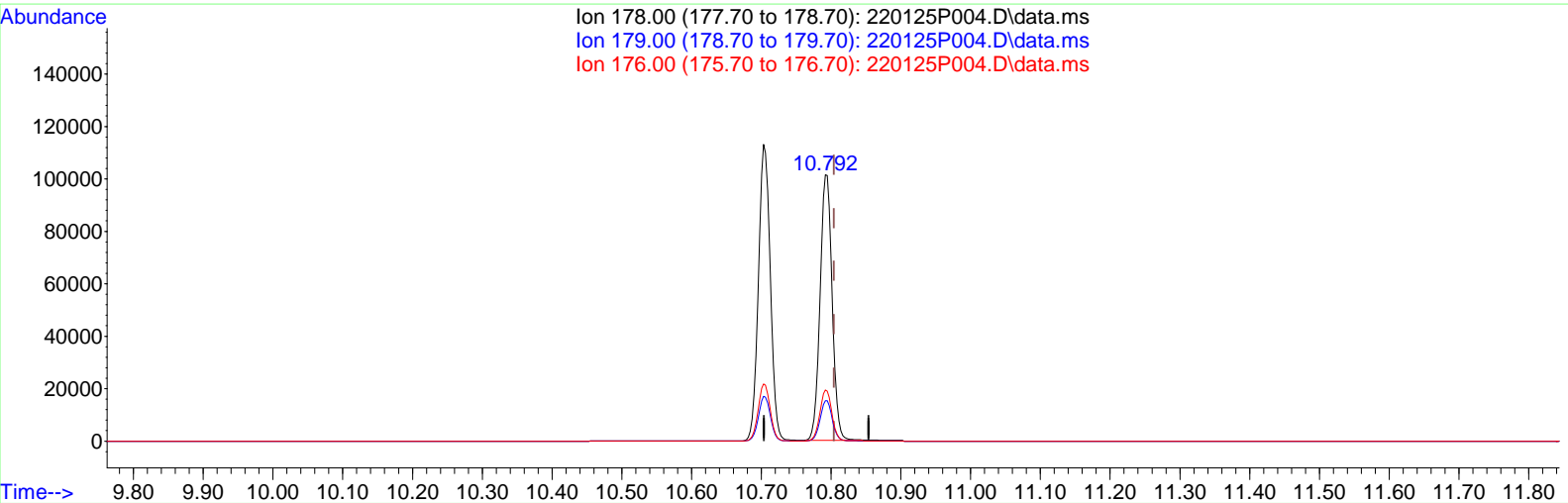
Manual Integration Reasons

- 1. Peak Not Found
- 2. Assign Peak

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P004.D
 Acq On : 25 Jan 2022 1:49 pm
 Operator : BDE
 Sample : CCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 14:12:39 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.792min (-0.012) 18.815 ug/ml m

response 122343

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	0.00
176.00	18.20	0.00
0.00	0.00	0.00



Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 1/25/2022 22:48

Lab File ID: 220125P024.D

Instrument ID: J7P

Lab Sample ID: ENDCCV

Parameter	Spike Added	CCV Result	CCV %D	QC Limits	
				Q	% D
1-Methylnaphthalene	20.0	19.2	4.0		50
2-Fluorobiphenyl	20.0	19.1	4.5		50
2-Methylnaphthalene-d10	20.0	18.9	5.3		50
Fluoranthene-d10	20.0	19.2	4.1		50
Nitrobenzene-d5	20.0	21.1	5.5		50
p-Terphenyl-d14	20.0	19.4	3.0		50

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE

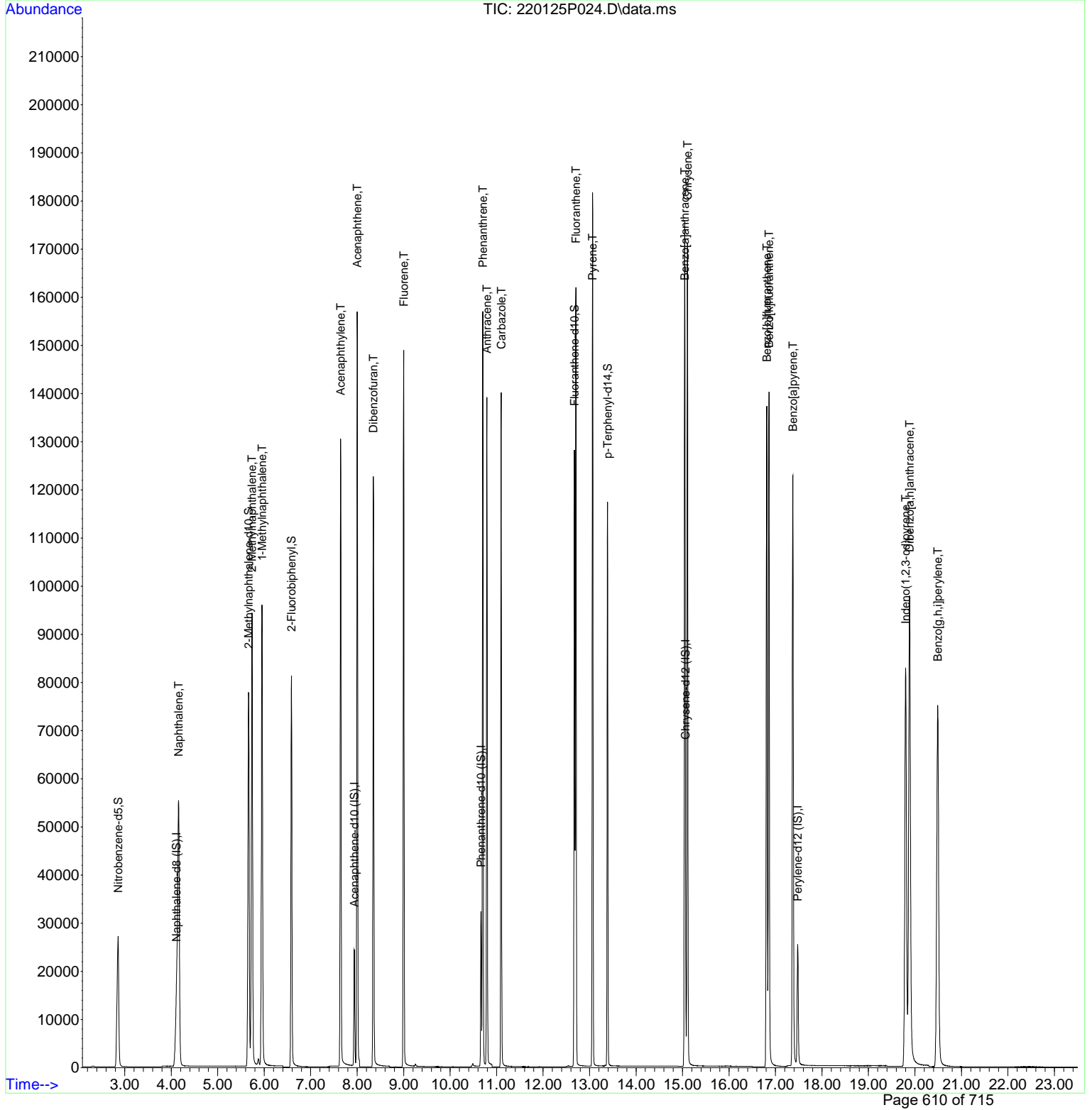
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Naphthalene-d8 (IS)	4.110	136	27842	4.000	ug/ml	0.00
7) Acenaphthene-d10 (IS)	7.940	164	14397	4.000	ug/ml	-0.01
13) Phenanthrene-d10 (IS)	10.663	188	28592	4.000	ug/ml	-0.01
19) Chrysene-d12 (IS)	15.062	240	25134	4.000	ug/ml	-0.02
24) Perylene-d12 (IS)	17.479	264	27023	4.000	ug/ml	-0.02
System Monitoring Compounds						
2) Nitrobenzene-d5	2.855	82	36590	21.100	ug/ml	0.02
4) 2-Methylnaphthalene-d10	5.664	152	67478	18.931	ug/ml	0.00
8) 2-Fluorobiphenyl	6.585	172	95087m	19.097	ug/ml	-0.01
17) Fluoranthene-d10	12.673	212	125772	19.178	ug/ml	-0.01
21) p-Terphenyl-d14	13.385	244	103914	19.408	ug/ml	-0.02
Target Compounds						
						Qvalue
3) Naphthalene	4.156	128	122259	19.256	ug/ml	100
5) 2-Methylnaphthalene	5.739	142	78134	19.065	ug/ml	97
6) 1-Methylnaphthalene	5.953	142	76205	19.201	ug/ml	97
9) Acenaphthylene	7.644	152	139477	19.805	ug/ml	99
10) Acenaphthene	8.001	154	67623	18.844	ug/ml	95
11) Dibenzofuran	8.349	168	113106m	19.232	ug/ml	
12) Fluorene	8.999	166	88873	19.251	ug/ml	98
14) Phenanthrene	10.702	178	135190m	19.803	ug/ml	
15) Anthracene	10.790	178	123876m	18.809	ug/ml	
16) Carbazole	11.098	167	122156	18.503	ug/ml	99
18) Fluoranthene	12.705	202	152270	18.932	ug/ml	98
20) Pyrene	13.065	202	157622	19.441	ug/ml	98
22) Benzo[a]anthracene	15.047	228	147532	19.434	ug/ml	98
23) Chrysene	15.106	228	144421	19.561	ug/ml	98
25) Benzo[b]fluoranthene	16.811	252	153474m	20.128	ug/ml	
26) Benzo[k]fluoranthene	16.860	252	157980m	19.781	ug/ml	
27) Benzo[a]pyrene	17.374	252	155745	19.912	ug/ml	100
28) Indeno(1,2,3-cd)pyrene	19.799	276	145615	19.141	ug/ml	98
29) Dibenzo[a,h]anthracene	19.883	278	143207	19.372	ug/ml	98
30) Benzo[g,h,i]perylene	20.491	276	153522	18.815	ug/ml	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

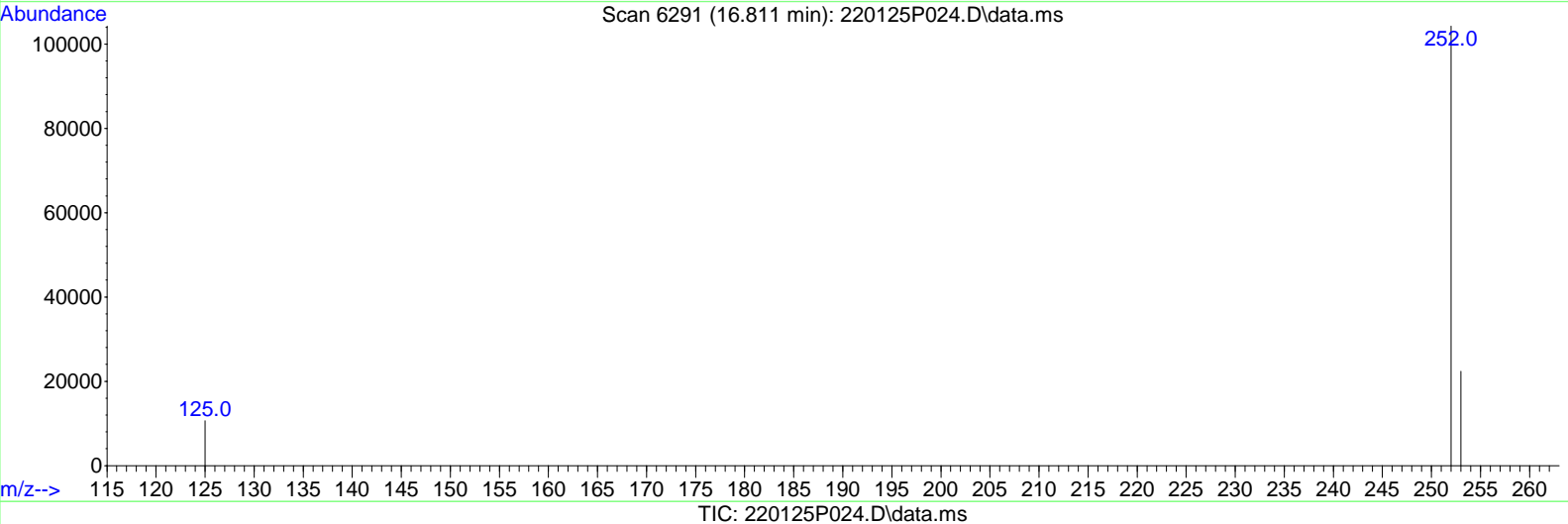
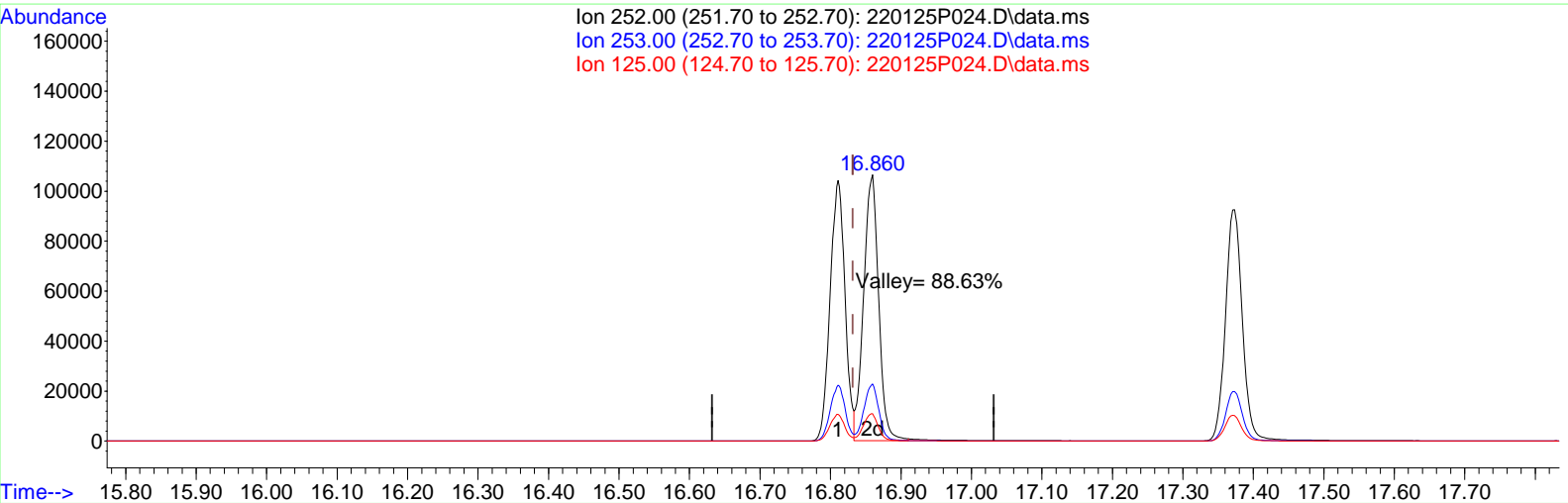
Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



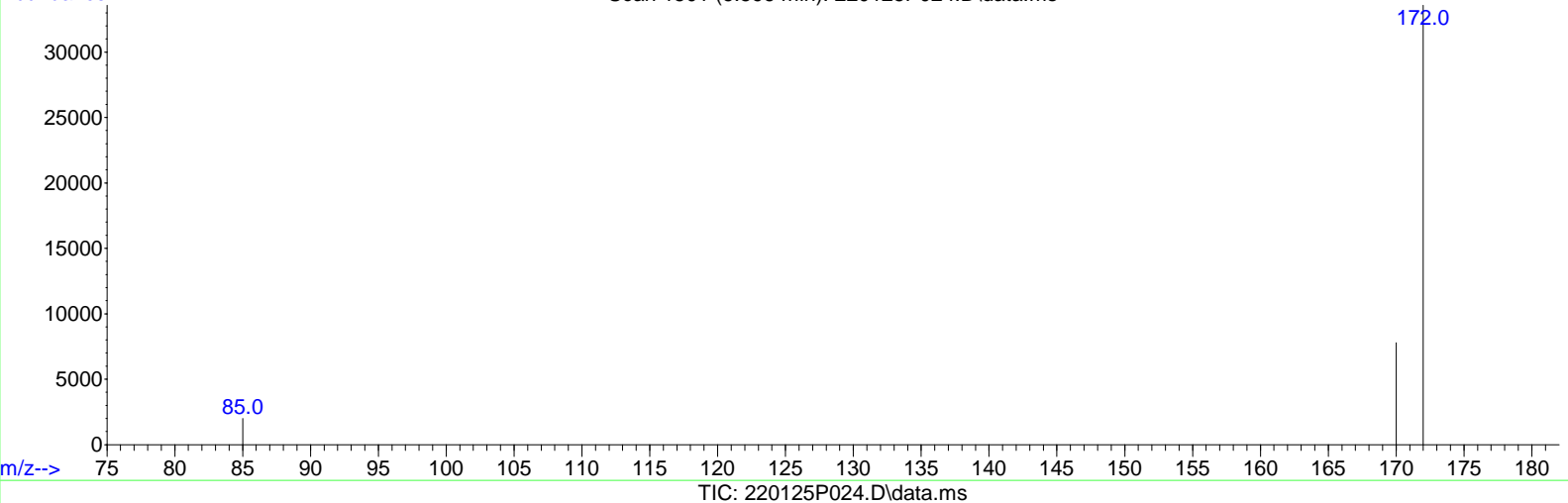
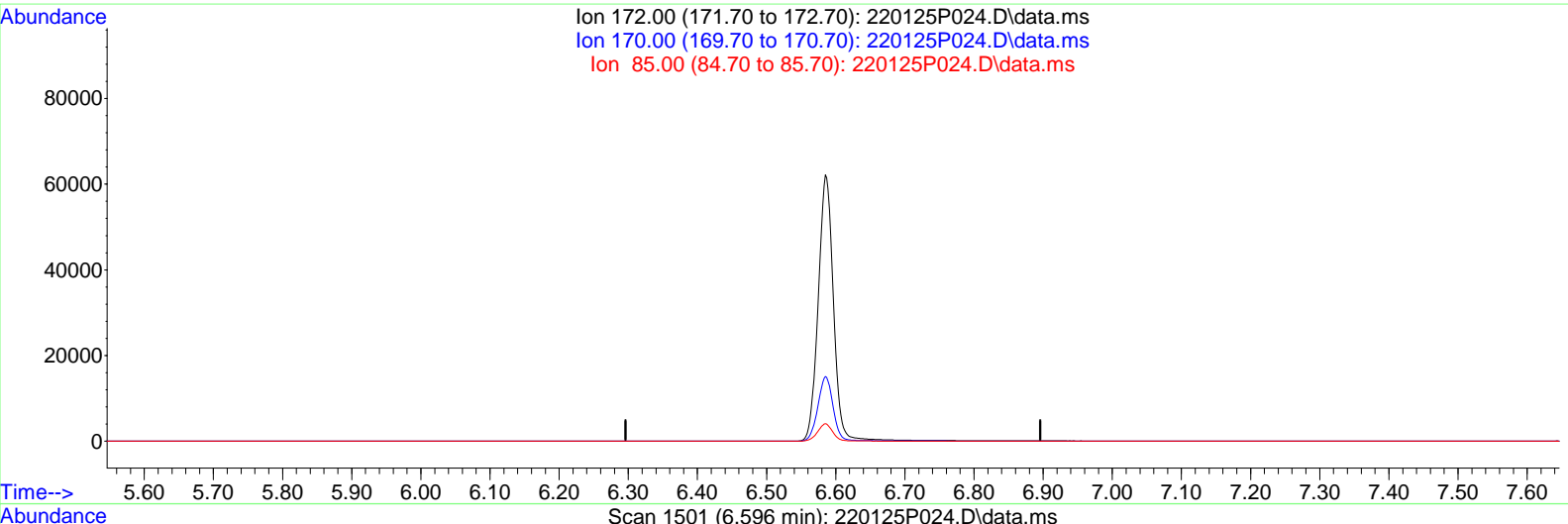
(25) Benzo[b]fluoranthene (T)

16.811min (-0.021) 20.128 ug/ml m

response	153474
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 21.72
125.00	9.90 10.39
0.00	0.00 0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(8) 2-Fluorobiphenyl (S)

6.596min (-6.596) 0.000 ug/ml

response 0

Ion	Exp%	Act%
172.00	100.00	0.00
170.00	23.80	0.00
85.00	6.70	0.00
0.00	0.00	0.00

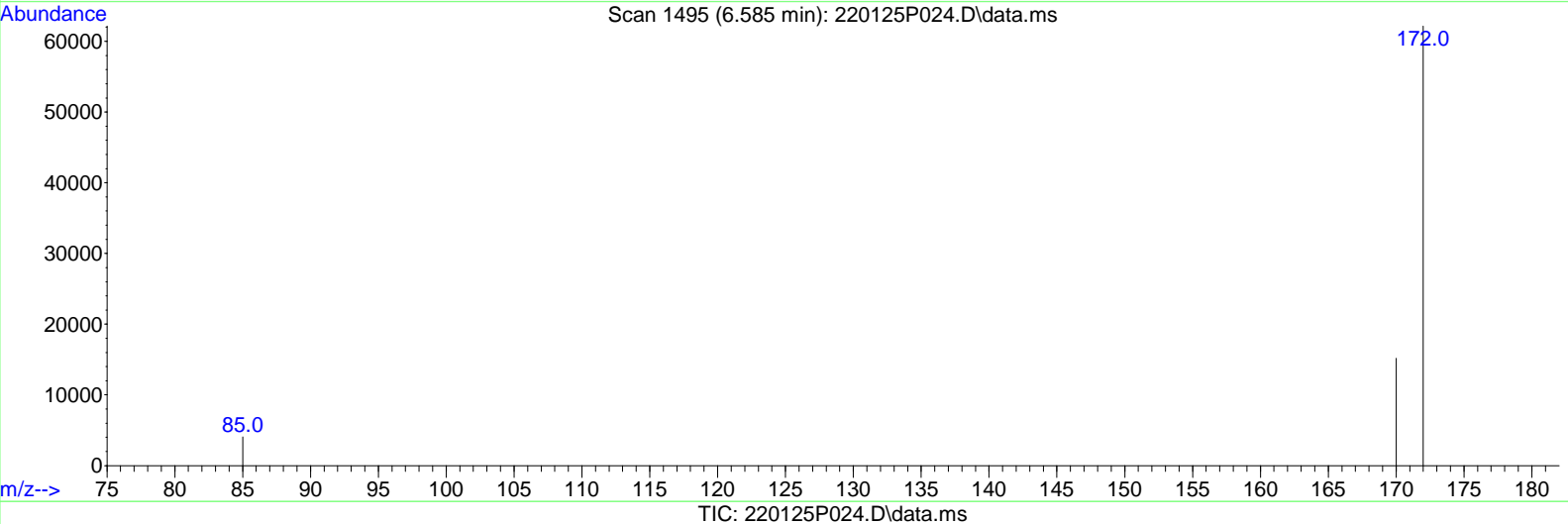
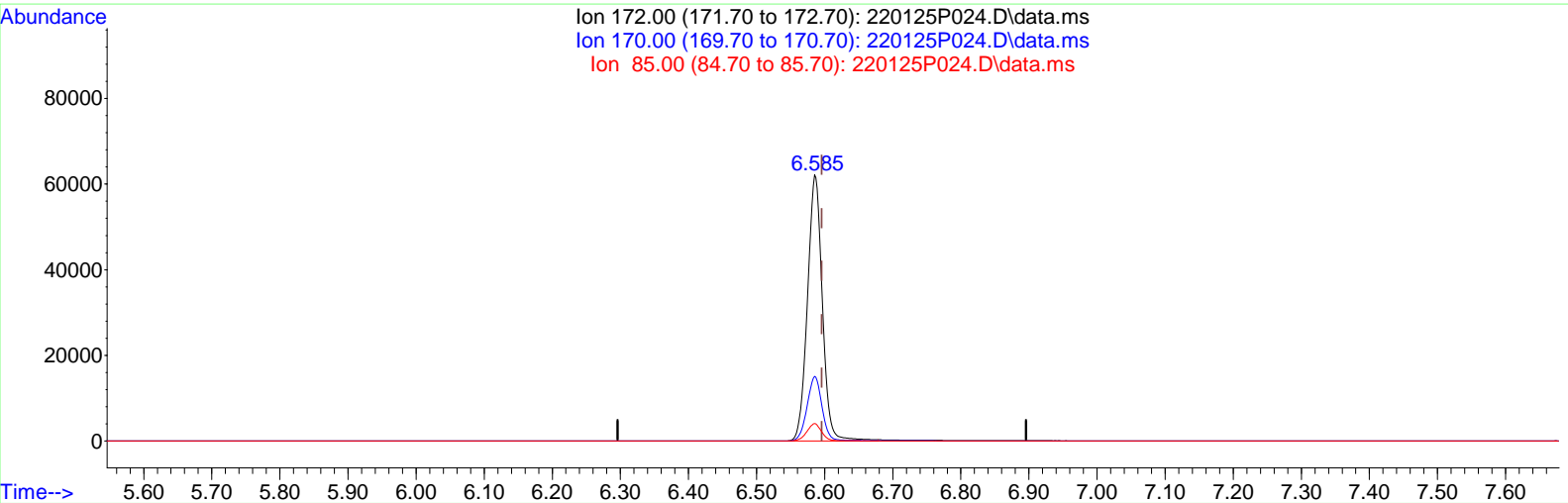
Manual Integration Reasons

- 1. Peak Not Found
- 2. Assign Peak

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(8) 2-Fluorobiphenyl (S)

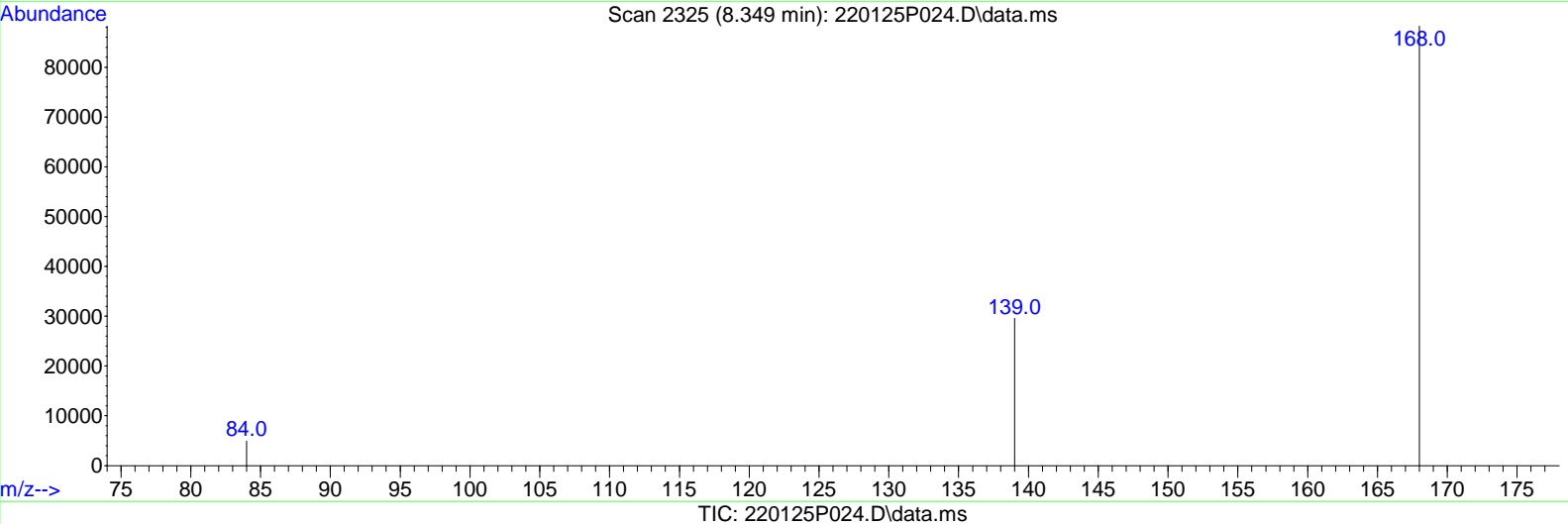
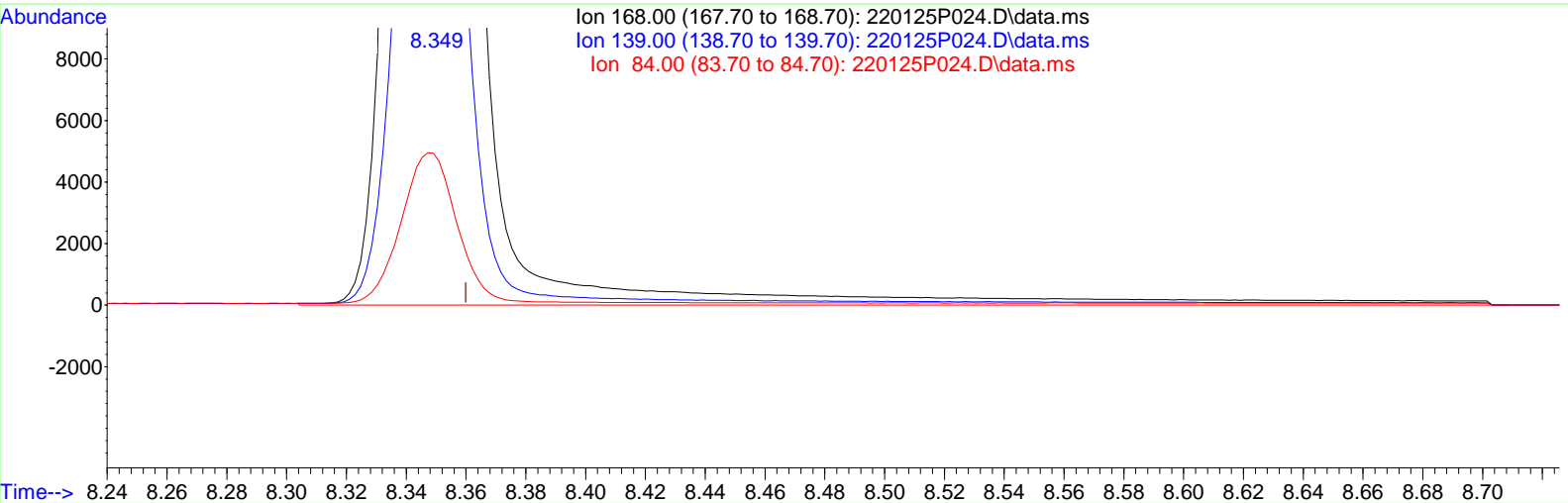
6.585min (-0.011) 19.097 ug/ml m

response 95087

Ion	Exp%	Act%
172.00	100.00	100.00
170.00	23.80	0.00
85.00	6.70	0.00
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(11) Dibenzofuran (T)

8.349min (-0.011) 19.881 ug/ml

response 116926

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	33.01#
84.00	0.00	5.48
0.00	0.00	0.00

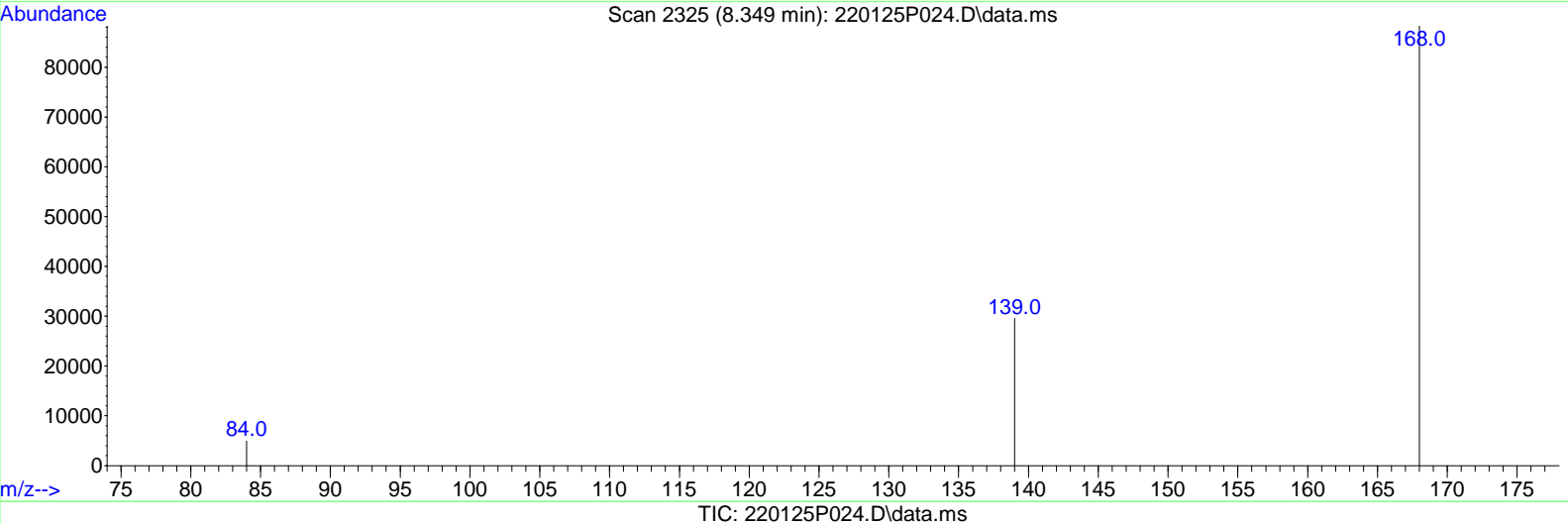
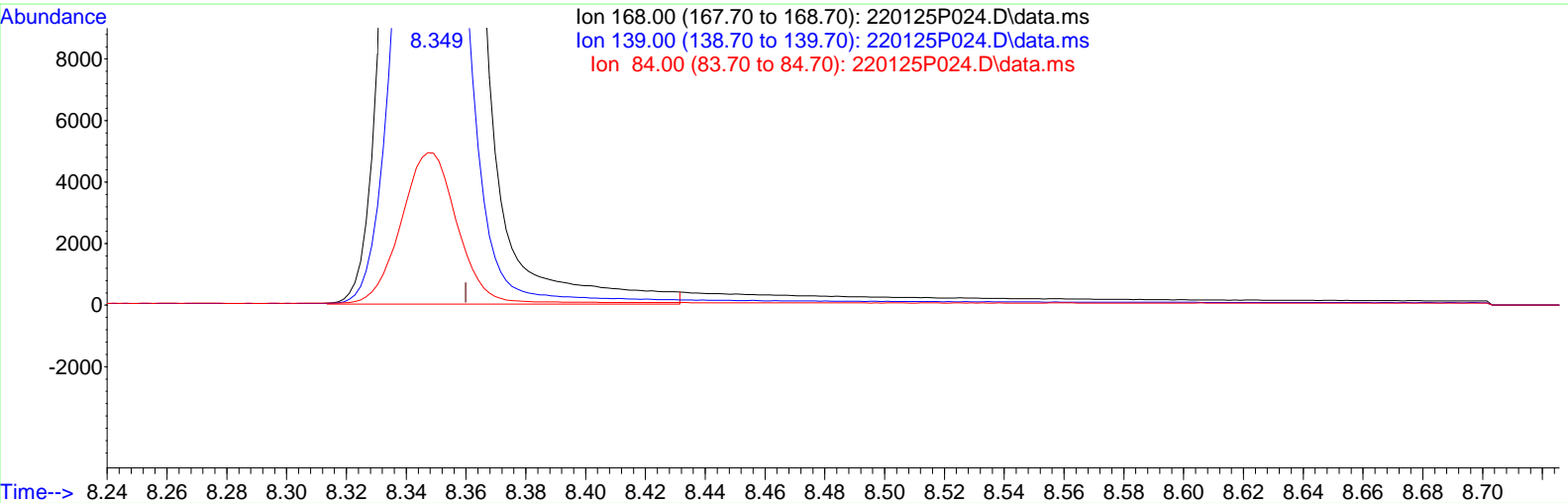
Manual Integration Reasons

1. BaseLine Smoothing

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(11) Dibenzofuran (T)

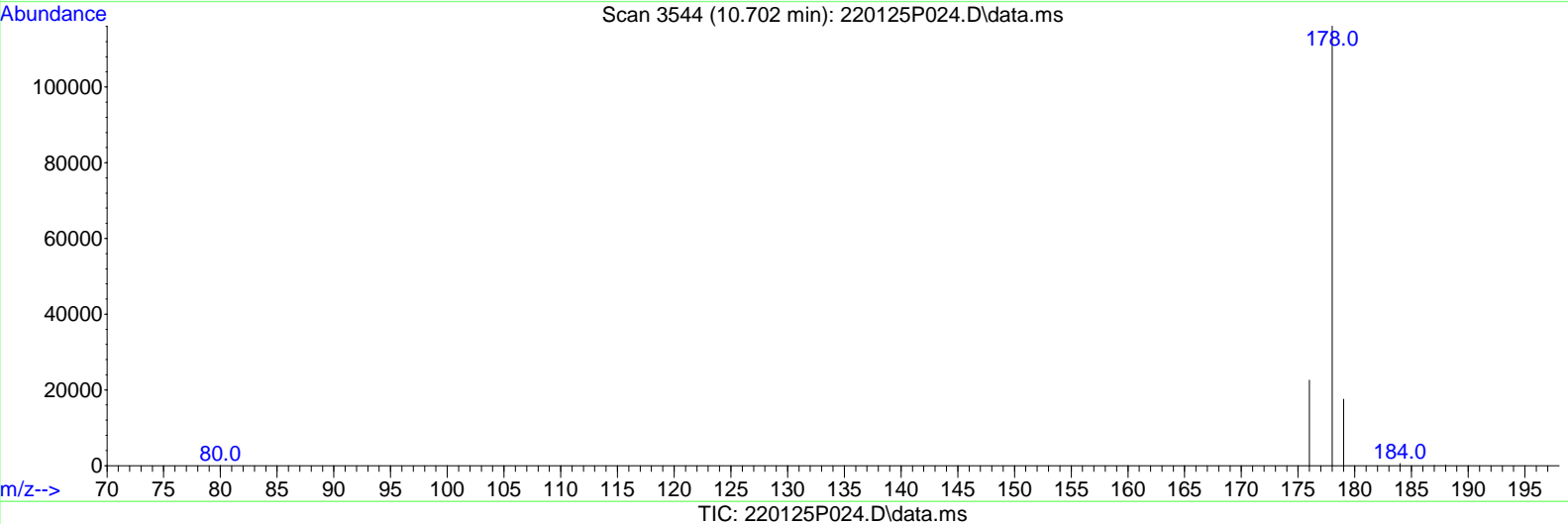
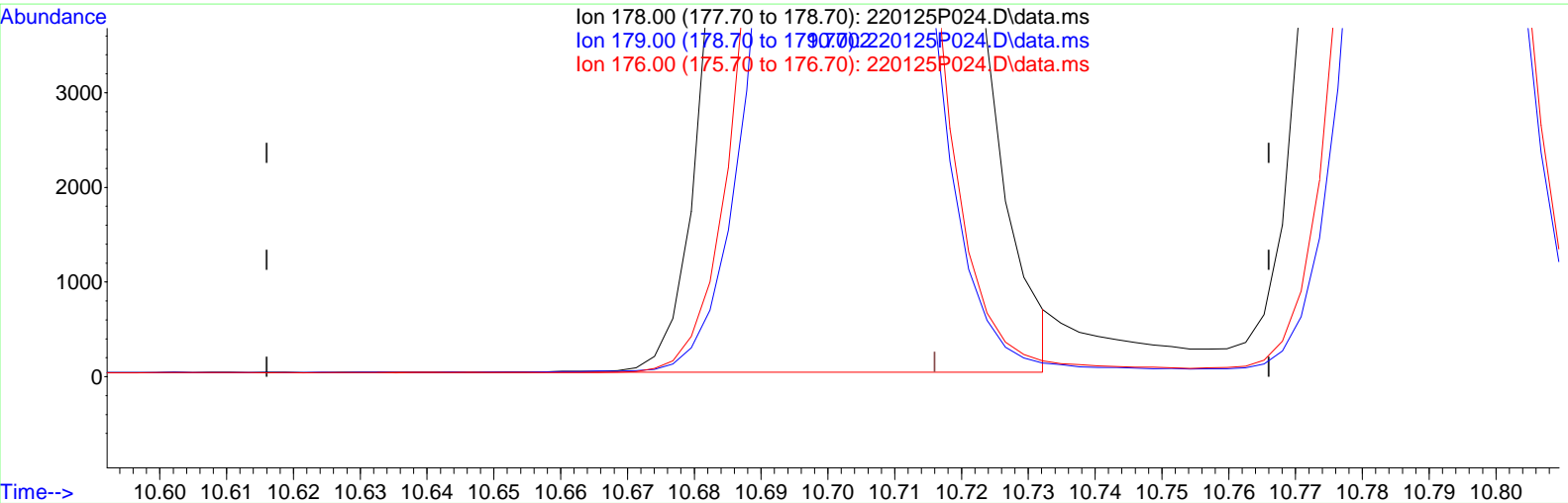
8.349min (-0.011) 19.232 ug/ml m

response 113106

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	0.00	34.12#
84.00	0.00	5.66
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

10.702min (-0.014) 19.740 ug/ml

response 134763

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.16
176.00	18.90	19.47
0.00	0.00	0.00

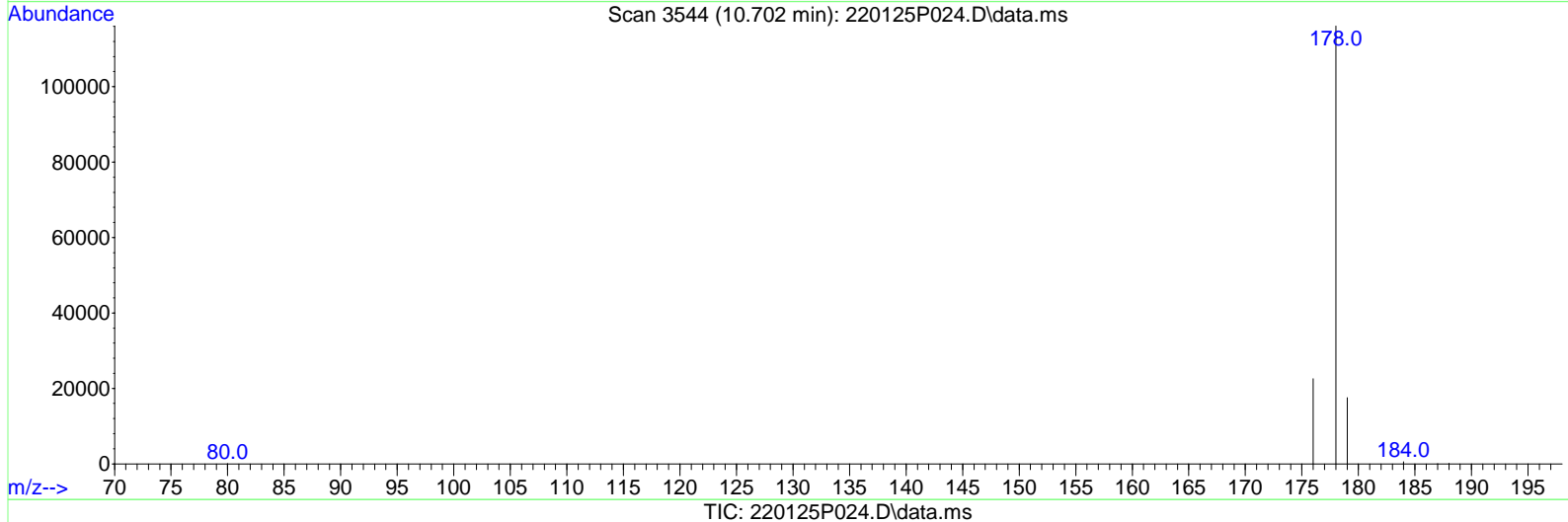
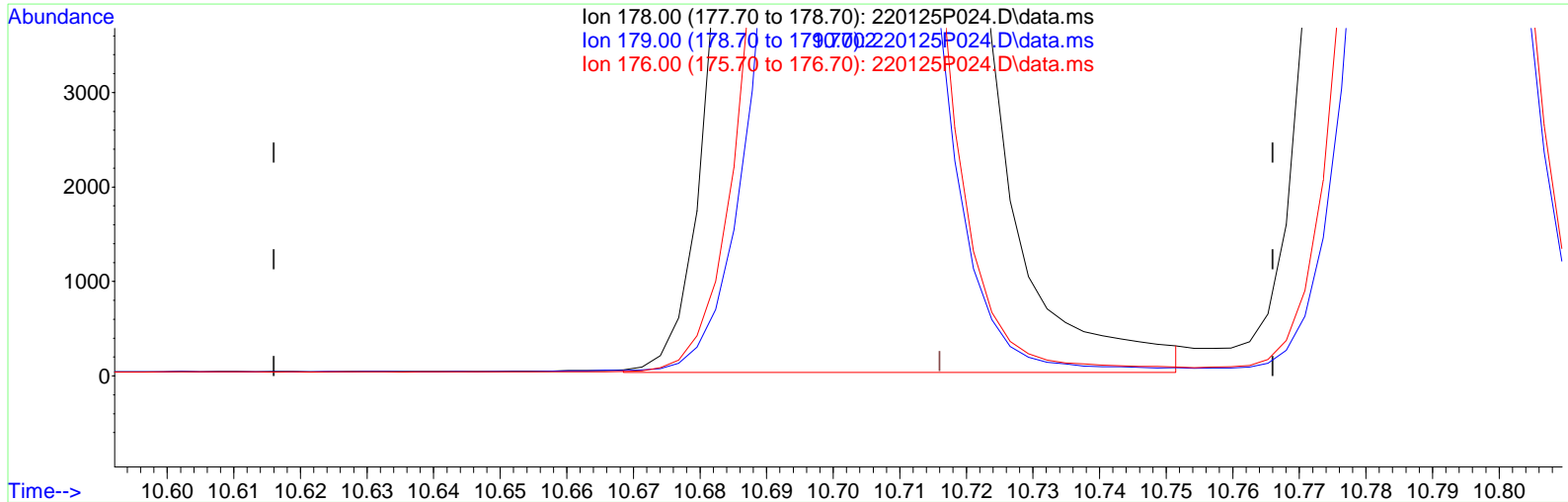
Manual Integration Reasons

1. Incomplete Integration

Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(14) Phenanthrene (T)

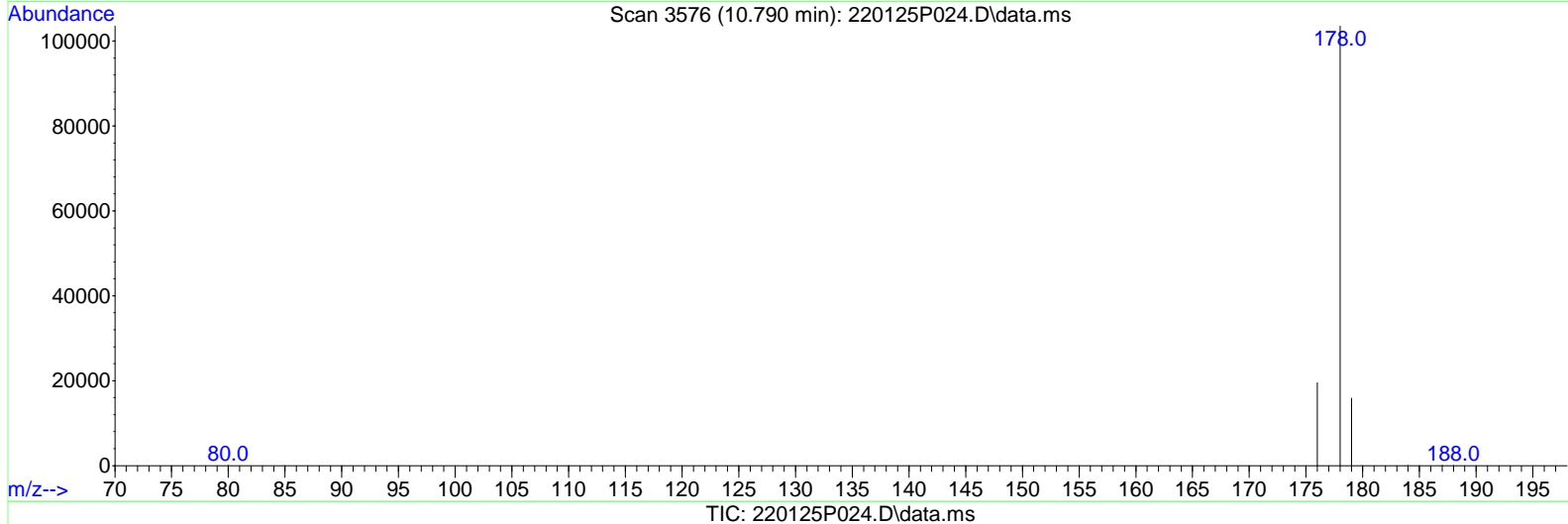
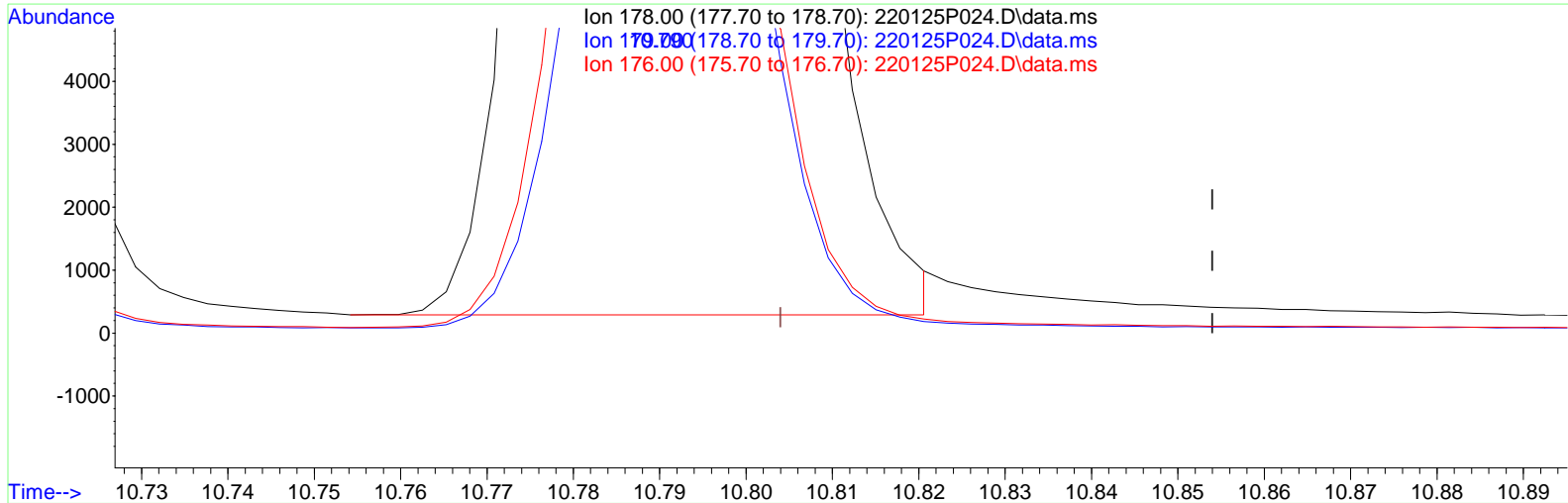
10.702min (-0.014) 19.803 ug/ml m

response 135190

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.11
176.00	18.90	19.41
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

10.790min (-0.014) 18.736 ug/ml

response 123391

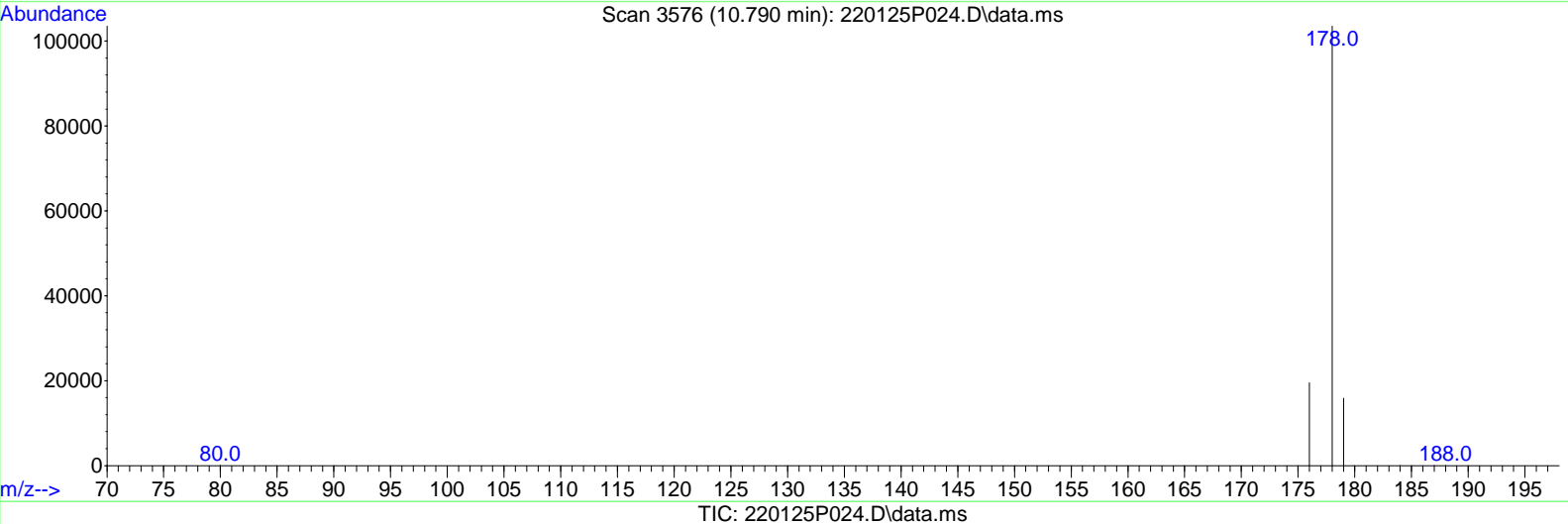
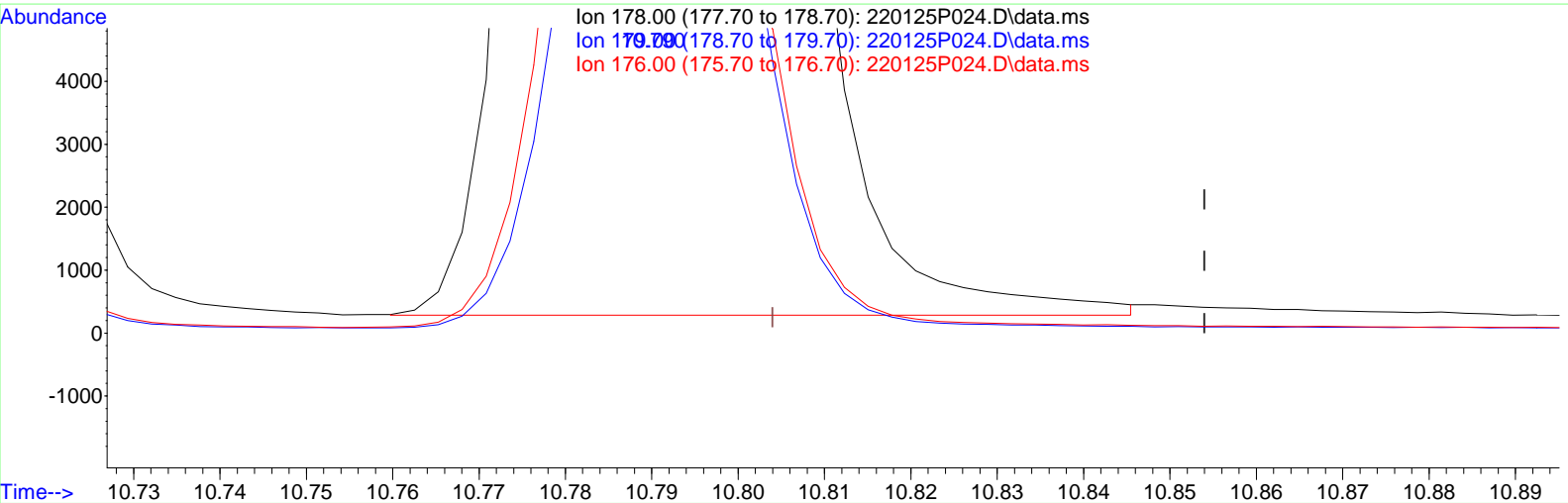
Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.22
176.00	18.20	19.02
0.00	0.00	0.00

Manual Integration Reasons

1. Incomplete Integration
 Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(15) Anthracene (T)

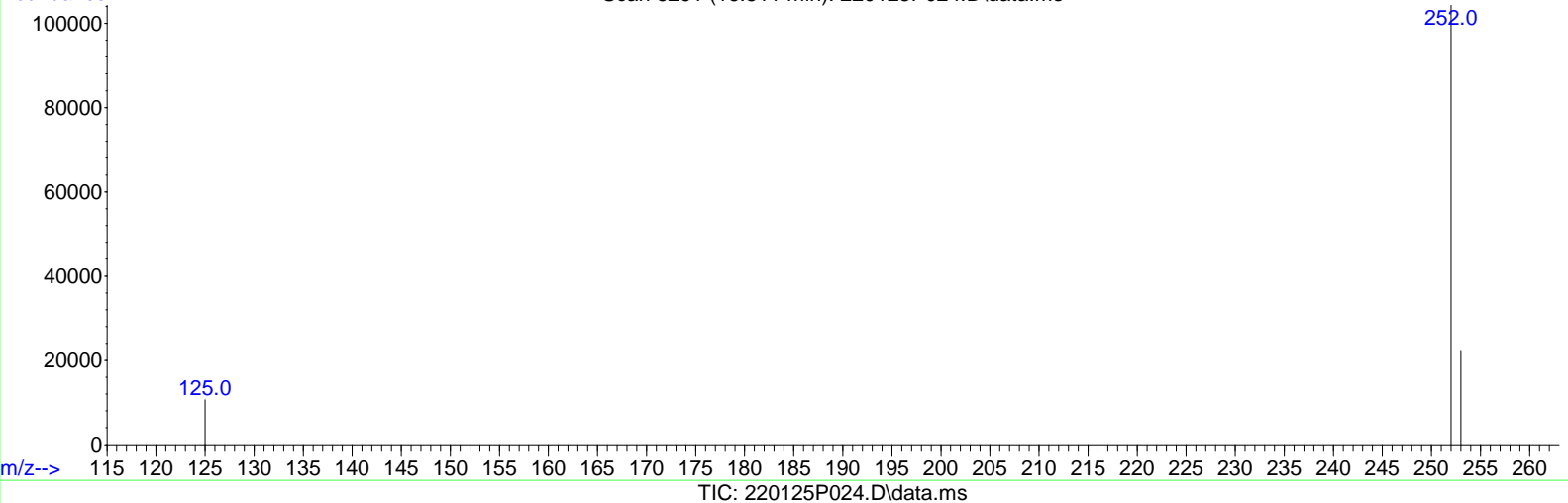
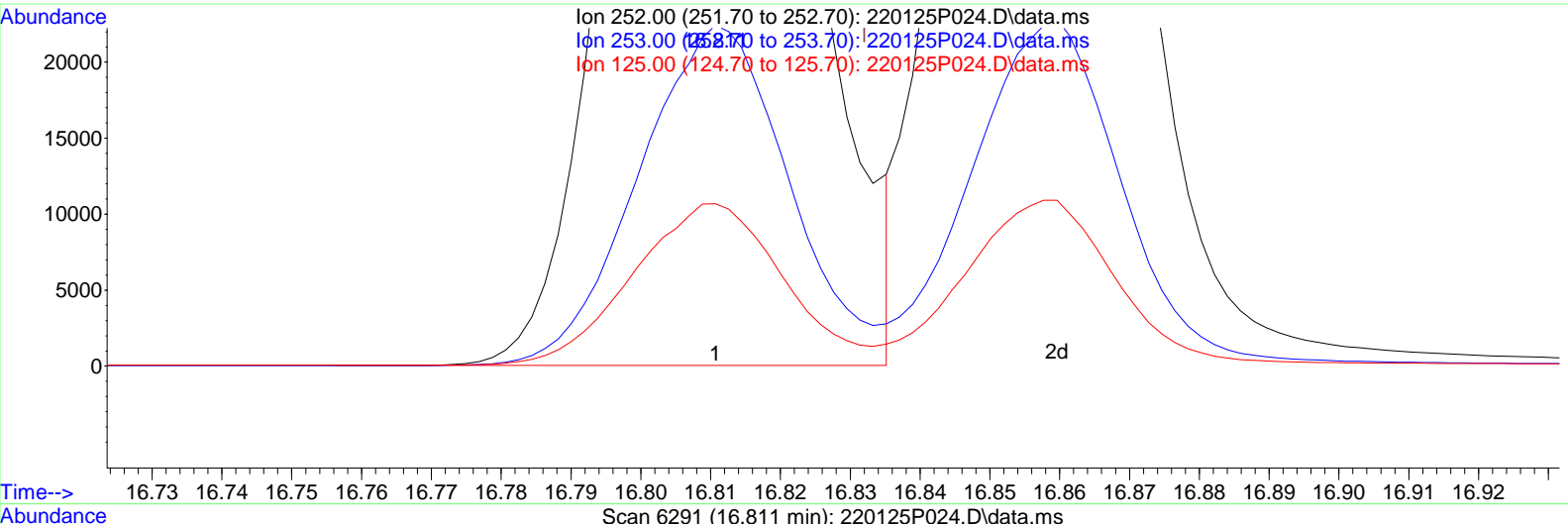
10.790min (-0.014) 18.809 ug/ml m

response 123876

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.16
176.00	18.20	18.95
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(25) Benzo[b]fluoranthene (T)

16.811min (-0.021) 20.305 ug/ml

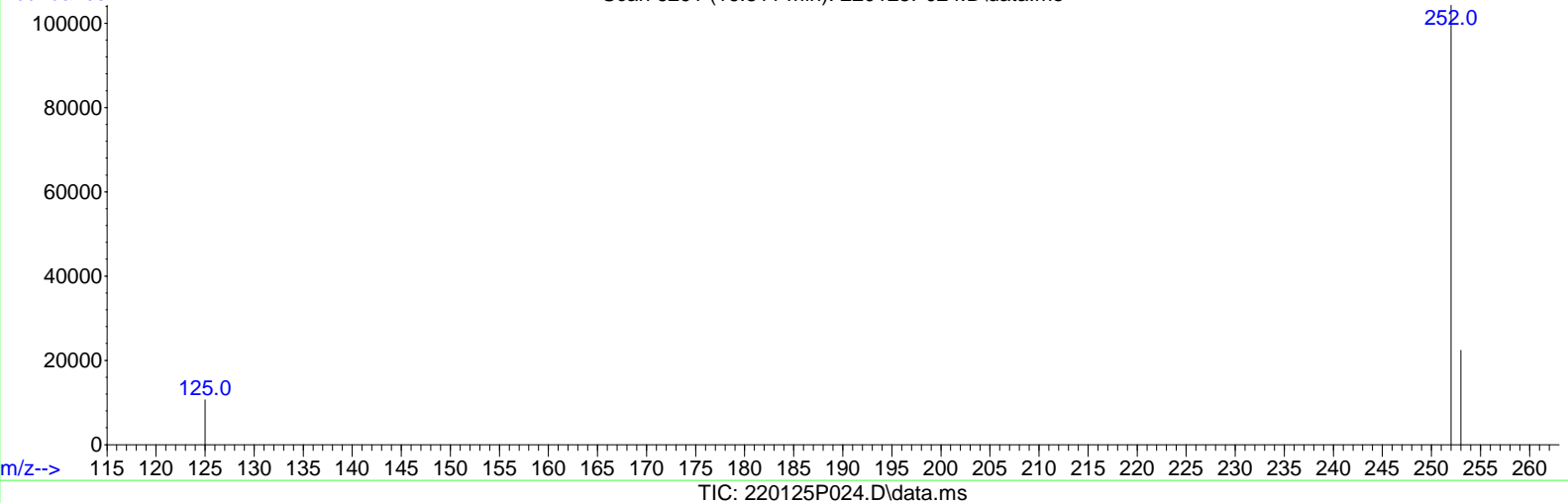
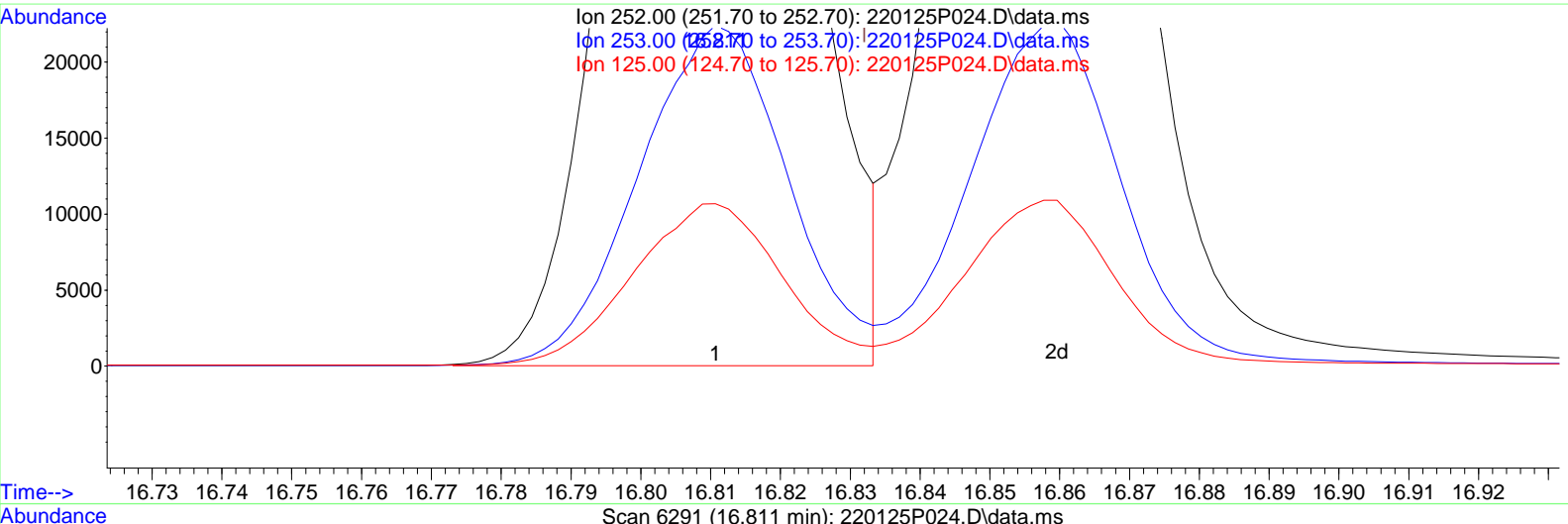
response	154819
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 21.53
125.00	9.90 10.30
0.00	0.00 0.00

Manual Integration Reasons

1. BaseLine Smoothing
 Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(25) Benzo[b]fluoranthene (T)

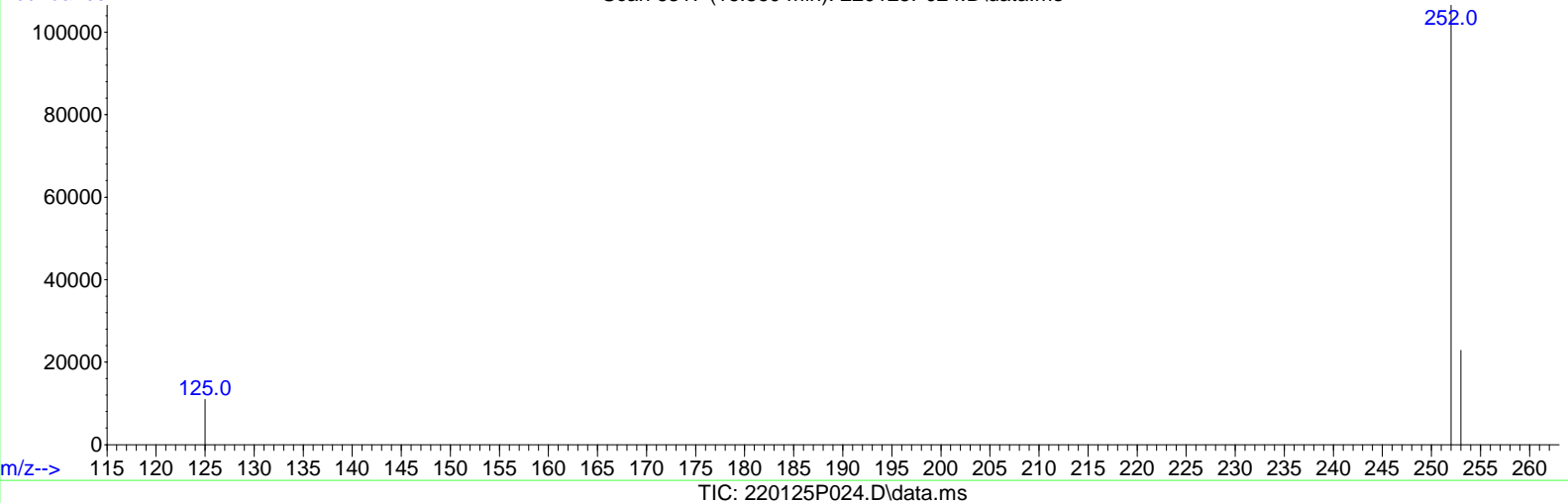
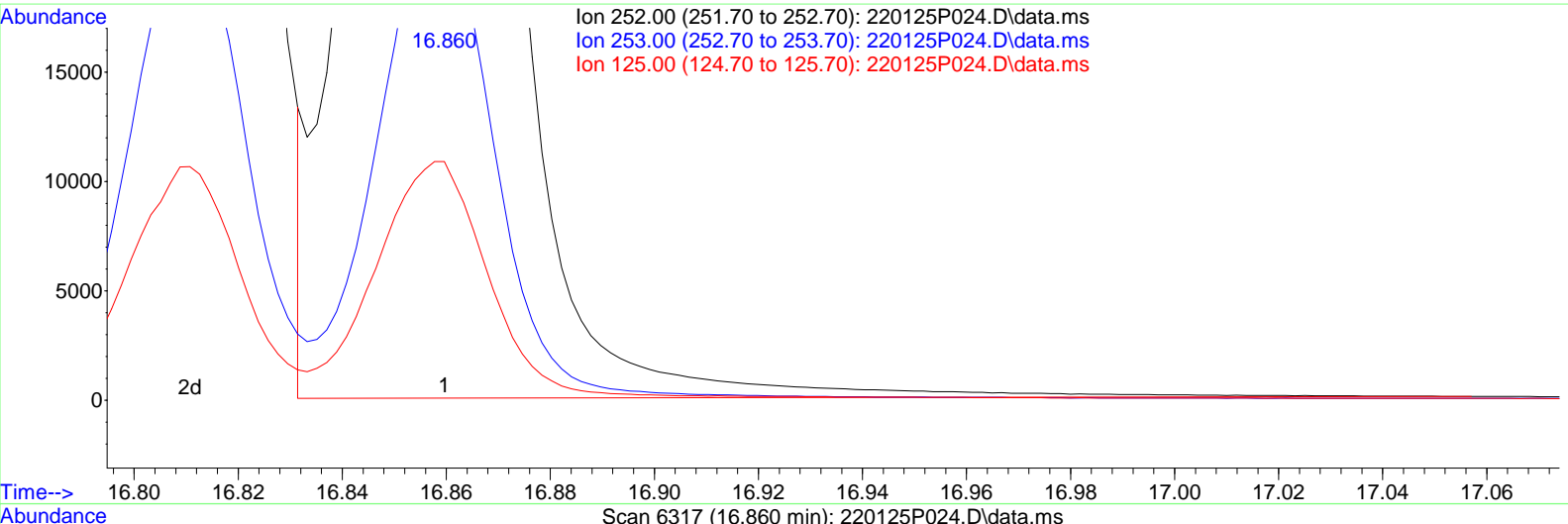
16.811min (-0.021) 20.128 ug/ml m

response 153474

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	21.72
125.00	9.90	10.39
0.00	0.00	0.00

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(26) Benzo[k]fluoranthene (T)

16.860min (-0.019) 20.059 ug/ml

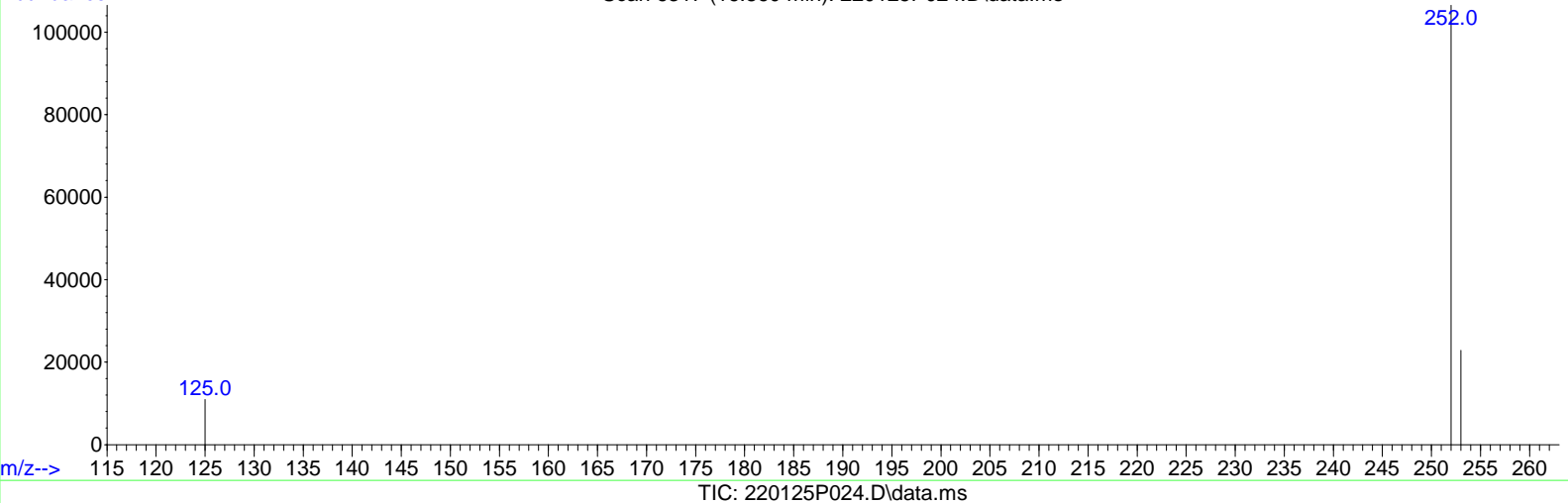
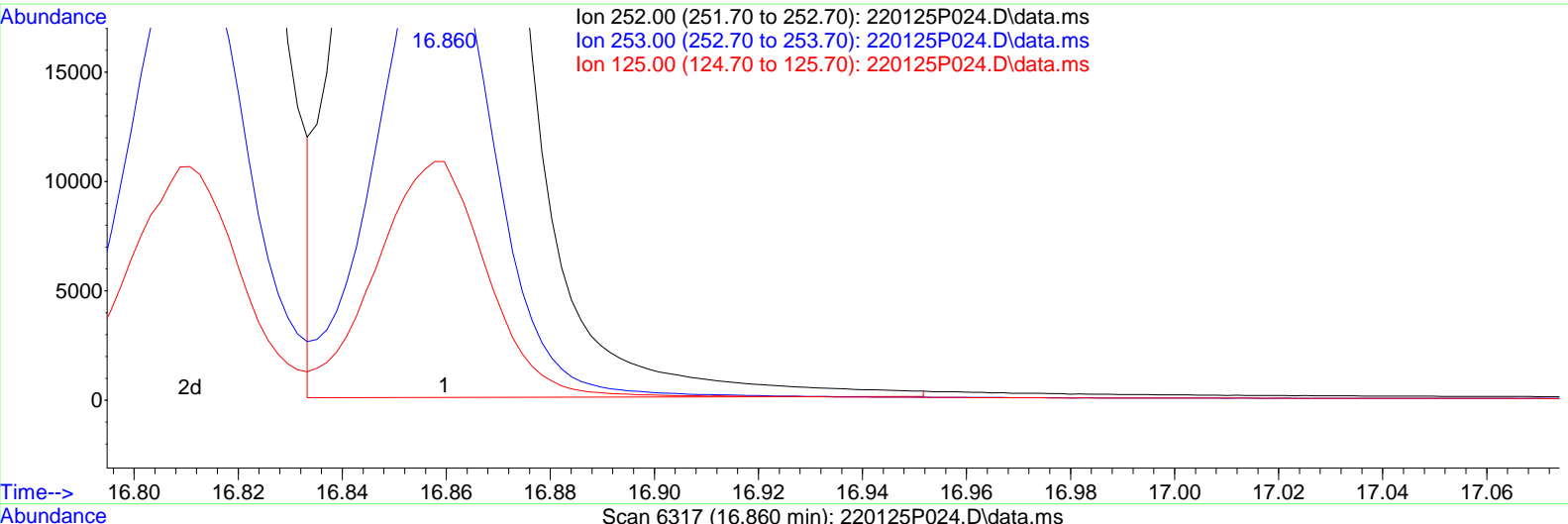
response	160203
Ion	Exp% Act%
252.00	100.00 100.00
253.00	23.00 21.55
125.00	9.90 10.41
0.00	0.00 0.00

Manual Integration Reasons

1. BaseLine Smoothing
 Date: 01/27/22 By: BDE

Data Path : C:\msdchem\1\data\220125P\
 Data File : 220125P024.D
 Acq On : 25 Jan 2022 10:48 pm
 Operator : BDE
 Sample : ENDCCV
 Misc : 8270C/D/E SIM; SVOCB04529P
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 23:12:25 2022
 Quant Method : C:\MSDCHEM\1\METHODS\SIM-220113P-DOD.M
 InstName : J7P
 Quant Title : 8270 PAH SIM
 QLast Update : Fri Jan 14 10:25:29 2022
 Response via : Initial Calibration
 Integrator: RTE



(26) Benzo[k]fluoranthene (T)

16.860min (-0.019) 19.781 ug/ml m

response 157980

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	21.85
125.00	9.90	10.55
0.00	0.00	0.00



FORM 8

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Run Number 220113P-SIM-ICAL
Method EPA PAH
Instrument ID J7P

Seq Sample ID	Analysis		DF	Matrix	Data File
	Date	Time			
1. TUNE	1/13/2022	14:59	1	WATER	220113P009.D
2. ICAL1	1/13/2022	15:31	1	WATER	220113P010.D
3. ICAL2	1/13/2022	15:58	1	WATER	220113P011.D
4. ICAL3	1/13/2022	16:25	1	WATER	220113P012.D
5. ICAL4	1/13/2022	16:52	1	WATER	220113P013.D
6. ICAL5	1/13/2022	17:19	1	WATER	220113P014.D
7. ICAL6	1/13/2022	17:46	1	WATER	220113P015.D
8. ICAL7	1/13/2022	18:13	1	WATER	220113P016.D
9. ICAL8	1/13/2022	18:40	1	WATER	220113P017.D
10. ICAL9	1/13/2022	19:07	1	WATER	220113P018.D



FORM 8

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Run Number 220114P-SIM
Method EPA PAH
Instrument ID J7P

Seq Sample ID	Analysis		DF	Matrix	Data File
	Date	Time			
2. IB	1/14/2022	11:02	1	WATER	220114P002.D
3. TUNE	1/14/2022	11:29	1	WATER	220114P003.D
4. ICV	1/14/2022	11:46	1	WATER	220114P004.D



FORM 8

SDG No.: J2200963

Client: Environmental Chemical Corporation (ECC)

Run Number 220125P-SIM-DOD
Method EPA PAH
Instrument ID J7P

Table with columns: Seq Sample ID, Date, Time, DF, Matrix, Data File. Rows include sample IDs 2 through 18, all dated 1/25/2022, with matrices listed as WATER.

Date Extracted: 01/24/22
 Analyst: RWF
 Time of Extraction: 0900
 Zymark Temp: 45
 TurboVap ID: _____
 Sonicator ID: N/A
 Syringe(s) ID: EA #19

Matrix: Water / Soil (circle one)
 EPA Analysis Method: 8270C.D.E / SIM / EL-PRO / DRO
 EPA Extraction Method: 3510C / 3550B / EL-PRO
 EPA Clean-up Method (SIM only): 3630C (Silica)
 Prep Batch Number: SIM - 000 3206 / 75676
FL-PRO - 3200 / 8297 / 45877
DRO - WA

Surrogate: 10 ppm PAH Surr. Log X11 262 B DE: 07/13/22
 Surrogate: 5050 ppm OTP:C39 Surr. Log X11 261 F DE: 01/19/23
 Surrogate: _____
 Spike: 5 ppm PAH Spike: Log X11 259 B DE: 07/14/22
 Spike: 50 ppm FL-PRO Spike: Log X11 259 B DE: 01/14/23
 Spike: _____

Balance I.D.: N/A
 (when soil)

Reagents Used	Lot Number
Na2SO4	<u>SE3-20E-2</u>
Silica Gel (When used)	<u>SE3-160-1</u>
H2SO4 (When used)	<u>WA</u>

Solvent Used	Company	Lot #
Extraction: DCM	<u>Baker</u>	<u>303-20R</u>

pH Paper	Lot #
	<u>1400155</u>

Lab Code	DOD SIM	PRO	DRO
MB	<u>419764 413976</u>	<u>4179770</u>	<u>N/A</u>
LCS	<u>65</u>	<u>71</u>	
MS	<u>66</u>	<u>WA</u>	
MSD	<u>67</u>	<u>WA</u>	
LCS D	<u>WA</u>	<u>4139771</u>	

Detailed Comments

For SIM only batches: NO clean-up and pH adjustment. For FL-PRO only batches: Silica gel clean-up and pH. For COMBO batches: Silica gel clean-up and pH.

Sep. Funnel I.D.	Project Number (Lab Code)	Sample Name (when no Project # available, otherwise N/A)	Initial pH	pH > 12	pH < 4	Sample Amount mL or g	Final Vol (mL)	Spike (mL)	Surr (mL)	Clean-up Required	Emulsions H / M / L	Turbo Vap I.D.
	MB	SIM	6	NA	NA	<u>1000</u>	<u>1.0</u>	<u>WA</u>	<u>1.0</u>	<u>Silica</u>	<u>NA</u>	<u>X</u>
	LCS		7			<u>1000</u>					<u>NA</u>	<u>L</u>
	MS <u>2200963002</u>		7			<u>1000</u>					<u>L</u>	<u>W</u>
	MSD		7			<u>1000</u>					<u>L</u>	<u>W</u>
	MB	PRO	6			<u>250</u>		<u>WA</u>			<u>NA</u>	<u>X</u>
	LCS		7			<u>250</u>		<u>1.0</u>				<u>L</u>
	LCS D		7			<u>250</u>						<u>L</u>
	<u>2200963002</u>	DOD SIM	7			<u>1000</u>		<u>NA</u>			<u>L</u>	<u>W</u>
	03										<u>L</u>	<u>W</u>
	04										<u>L</u>	<u>W</u>
	05										<u>L</u>	<u>W</u>
	06										<u>L</u>	<u>W</u>
	07										<u>H</u>	
	08										<u>M</u>	
	09										<u>L</u>	
	10										<u>L</u>	
	<u>2200949001</u>	Combo	2			<u>250</u>					<u>L</u>	<u>W</u>
	2										<u>L</u>	
	3										<u>M</u>	
	4										<u>L</u>	
	<u>2201006007</u>	SIM	7								<u>L</u>	<u>X</u>
	<u>2201054002</u>	Combo	2								<u>H</u>	<u>M</u>
	<u>2201062001</u>	SIM	7								<u>M</u>	<u>L</u>

SK 1/26/22

ICP Liquids Data Section

Result Summary Reports



Advanced Environmental Laboratories, Inc.

- FORM 1 - INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963002

Client ID: RSA306-2805-A1006

Matrix: WATER

Date Received: 1/20/2022

Date Collected: 1/18/2022

% Solids: _____

TOTAL

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Batch	Prep		Analytical		
											Date	Time	Batch	Date	Time
Iron	7439-89-6	1100	ug/L			200	400	800	1	2757	1/27/22	04:35	1697	1/31/22	16:51

Comments:



Advanced Environmental Laboratories, Inc.

- FORM 1 - INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963003

Client ID: RSA306-2806-A1007

Matrix: WATER

Date Received: 1/20/2022

Date Collected: 1/18/2022

% Solids: _____

TOTAL

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Batch	Prep		Analytical		
											Date	Time	Batch	Date	Time
Iron	7439-89-6	400	ug/L	U		200	400	800	1	2757	1/27/22	04:35	1697	1/31/22	17:13

Comments:



Advanced Environmental Laboratories, Inc.

- FORM 1 - INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963004

Client ID: RSA306-2807-A1008

Matrix: WATER

Date Received: 1/20/2022

Date Collected: 1/18/2022

% Solids: _____

TOTAL

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Batch	Prep		Analytical		
											Date	Time	Batch	Date	Time
Iron	7439-89-6	400	ug/L	U		200	400	800	1	2757	1/27/22	04:35	1697	1/31/22	17:18

Comments:



Advanced Environmental Laboratories, Inc.

- FORM 1 - INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963005

Client ID: RSA306-2342-A1002

Matrix: WATER

Date Received: 1/20/2022

Date Collected: 1/19/2022

% Solids: _____

TOTAL

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Batch	Prep		Analytical		
											Date	Time	Batch	Date	Time
Iron	7439-89-6	620	ug/L	J		200	400	800	1	2757	1/27/22	04:35	1697	1/31/22	17:31

Comments:



Advanced Environmental Laboratories, Inc.

- FORM 1 - INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963006

Client ID: RSA306-2342-A1002-FD

Matrix: WATER

Date Received: 1/20/2022

Date Collected: 1/19/2022

% Solids: _____

TOTAL

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Batch	Prep		Analytical		
											Date	Time	Batch	Date	Time
Iron	7439-89-6	700	ug/L	J		200	400	800	1	2757	1/27/22	04:35	1697	1/31/22	17:35

Comments:



Advanced Environmental Laboratories, Inc.

- FORM 1 - INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963007

Client ID: RSA306-2343-A1003

Matrix: WATER

Date Received: 1/20/2022

Date Collected: 1/19/2022

% Solids: _____

TOTAL

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Batch	Prep		Analytical		
											Date	Time	Batch	Date	Time
Iron	7439-89-6	5100	ug/L			200	400	800	1	2757	1/27/22	04:35	1697	1/31/22	17:40

Comments:



Advanced Environmental Laboratories, Inc.

- FORM 1 - INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963008

Client ID: RSA306-2344-A1004

Matrix: WATER

Date Received: 1/20/2022

Date Collected: 1/19/2022

% Solids: _____

TOTAL

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Batch	Prep		Analytical		
											Date	Time	Batch	Date	Time
Iron	7439-89-6	4500	ug/L			200	400	800	1	2757	1/27/22	04:35	1697	1/31/22	17:44

Comments:



Advanced Environmental Laboratories, Inc.

- FORM 1 - INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963009

Client ID: RSA306-A8011-ER

Matrix: WATER

Date Received: 1/20/2022

Date Collected: 1/19/2022

% Solids: _____

TOTAL

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Batch	Prep		Analytical		
											Date	Time	Batch	Date	Time
Iron	7439-89-6	400	ug/L	U		200	400	800	1	2757	1/27/22	04:35	1697	1/31/22	17:48

Comments:



Advanced Environmental Laboratories, Inc.

- FORM 1 - INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963010

Client ID: RSA306-A9041

Matrix: WATER

Date Received: 1/20/2022

Date Collected: 1/19/2022

% Solids: _____

TOTAL

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Batch	Prep		Analytical		
											Date	Time	Batch	Date	Time
Iron	7439-89-6	3100	ug/L			200	400	800	1	2757	1/27/22	04:35	1697	1/31/22	17:53

Comments:

QC Summary Reports



Advanced Environmental Laboratories, Inc.

- FORM 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Analytical Method: SW-846 6010C

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	Q	Analysis Date	Analysis Time	Run Number
ICV J3ICP-0099									
	Iron	3990	4000	99.7	90 - 110		1/31/2022	13:07	220131A
CCV J3ICP-0135									
	Iron	3780	4000	94.4	90 - 110		1/31/2022	16:29	220131A
CCV J3ICP-0135									
	Iron	3800	4000	94.9	90 - 110		1/31/2022	17:22	220131A
CCV J3ICP-0135									
	Iron	3850	4000	96.3	90 - 110		1/31/2022	18:15	220131A



Advanced Environmental Laboratories, Inc.

- FORM 2b - PQL/RL STANDARD

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2200963
Analytical Method: SW-846 6010C

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Q	Advisory Limits (%R)	Analysis Date	Analysis Time	Run Number
LLCCV J3ICP-0138									
	Iron	768	800	96.0		80 - 120	1/31/2022	13:15	220131A



Advanced Environmental Laboratories, Inc.

- FORM 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Chemical Corporation (ECC)

Analytical Method: SW-846 6010C

SDG No.: J2200963

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	LOD	LOQ	Analysis Date	Analysis Time	Run
IB J3ICP-0136										
Iron	400	+/-400	U	200	400	800	1/31/2022	13:11	220131A	
CCB J3ICP-0136										
Iron	400	+/-400	U	200	400	800	1/31/2022	16:34	220131A	
CCB J3ICP-0136										
Iron	400	+/-400	U	200	400	800	1/31/2022	17:26	220131A	
CCB J3ICP-0136										
Iron	400	+/-400	U	200	400	800	1/31/2022	18:19	220131A	



Advanced Environmental Laboratories, Inc.

- FORM 3b - METHOD BLANK SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

Sample ID Analyte	Result	C	Q	Units	Acceptance Limit	MDL	LOD	LOQ	Prep			Analytical			
									Batch	Date	Time	Batch	Date	Time	
4182161	WATER	TOTAL													
Iron	400	U		ug/L	+/-400	200	400	800	2757	1/27/22	04:35	1697	1/31/22	16:43	



- FORM 4 - INTERFERENCE CHECK SAMPLE

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Instrument ID: J3A

Analytical Method: SW-846 6010C

Sample ID	Analyte	Result mg/L	True Value mg/L	% Recovery	Acceptance Window	Q	Analysis Date	Analysis Time	Run Number
ICSA J3ICP-0100									
	Aluminum	49	50.0	97.4	80 - 120%		1/31/2022	13:20	220131A
	Calcium	202	200	101	80 - 120%		1/31/2022	13:20	220131A
	Iron	99	100	99.0	80 - 120%		1/31/2022	13:20	220131A
	Magnesium	101	100	101	80 - 120%		1/31/2022	13:20	220131A
	Sodium	477	500	95.3	80 - 120%		1/31/2022	13:20	220131A



Advanced Environmental Laboratories, Inc.

- FORM 5a -

MATRIX SPIKE SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963002

MS ID: 4182163

Client ID: RSA306-2805-A1006

Matrix: WATER

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

TOTAL Analyte	Units	Acceptance Limit %R	MS Result	C	Sample Result	C	Spike Added	% Recovery	Q	Analytical		
										Batch	Date	Time
Iron	ug/L	87 - 115	4800		1090		4000	92.9		1697	1/31/22	17:00



Advanced Environmental Laboratories, Inc.

- FORM 5a -

MATRIX SPIKE DUPLICATE SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Sample ID: J2200963002

MSD ID: 4182164

Client ID: RSA306-2805-A1006

Matrix: WATER

Analytical Method: SW-846 6010C

Preparation Method: SW-846 3010A

TOTAL		Acceptance	MSD		Sample		Spike	%		Analytical		
Analyte	Units	Limit %R	Result	C	Result	C	Added	Recovery	Q	Batch	Date	Time
Iron	ug/L	87 - 115	4840		1090		4000	93.8		1697	1/31/22	17:05



- FORM 5b - POST DIGEST SPIKE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2200963
Matrix: WATER **Analytical Method:** SW-846 6010C
Sample ID: J2200963002 **PS ID:** J2200963002PS **Client ID:** RSA306-2805-A1006

TOTAL Analyte	Units	Acceptance Limit %R	PS Result	C	Sample Result	C	Spike Added	% Recovery	Q	Analytical		
										Batch	Date	Time
Iron	ug/L	80 - 120	4620		1090		4000	88.4		1697	1/31/22	17:09



Advanced Environmental Laboratories, Inc.

- FORM 6 - MATRIX SPIKE DUPLICATE SAMPLE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2200963
Matrix: WATER **MS ID:** 4182163 **Client ID:** RSA306-2805-A1006
Percent Solids: 0.00 **MSD ID:** 4182164
Parent Sample: J2200963002 **Analytical Method:** SW-846 6010C **Preparation Method:** SW-846 3010A

TOTAL Analyte	Units	Acceptance Limit	MS Result	C	MSD Result	C	RPD	Q	MS			MSD	
									Batch	Date	Time	Date	Time
Iron	ug/L	0 - 20	4800		4840		0.70		1697	1/31/22	17:00	1/31/22	17:05



- FORM 7 -
LABORATORY CONTROL SAMPLE SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

LCS ID: 4182162

Preparation Method: SW-846 3010A

Analytical Method: SW-846 6010C

TOTAL Analyte	Units	True Value	LCS RESULT	C	% Recovery	Q	Acceptance Limits	Batch	Prep Date	Time	Batch	Analytical Date	Time
Iron	ug/L	4000	3740		93.6		87 - 115	2757	1/27/22	04:35	1697	1/31/22	16:47



Advanced Environmental Laboratories, Inc.

- FORM 9 - SERIAL DILUTION SAMPLE SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Matrix: WATER

Client ID: RSA306-2805-A1006

Sample ID: J2200963002 **Analytical Method:** SW-846 6010C

Serial Dilution ID: J2200963002SD

TOTAL Analyte	Initial Result ug/L	C	Serial Result ug/L	C	% Difference	Q	Acceptance Limits	Analytical		
								Batch	Date	Time
Iron	1090		1230	J		N	10 %	1697	1/31/22	16:56



Advanced Environmental Laboratories, Inc.

Detection Limits

Client: Environmental Chemical Corporation (ECC)

SDG No.: J2200963

Analytical Method: SW-846 6010C

Instrument: J3A

Matrix Category: LIQUID

Analyte	MDL ug/L	LOD ug/L	LOQ ug/L
Iron	200	400	800



Advanced Environmental Laboratories, Inc.

LINEAR RANGES

Client: Environmental Chemical Corporation (ECC)

SDG ID: J2200963

Instrument ID: J3A

Analytical Method: SW-846 6010C

<u>Analyte</u>	<u>LDR mg/L</u>
Iron	200



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ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)
 Instrument: J3A
 Start Date: 1/31/2022 End Date: 2/1/2022

SDG ID: J2200963
 Run Number: 220131A
 Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes																							
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	N I	K	S E	A G	N A	T L	V	Z N	B	L I
CALB J3ICP-0136	1	1223										X														
ICAL1 J3ICP-0138	1	1227										X														
ICAL2 J3ICP-0103	1	1231										X														
ICAL3 J3ICP-0135	1	1236										X														
ICAL4 J3ICP-0105	1	1240										X														
ICAL5 J3ICP-0106	1	1245										X														
ICAL6 J3ICP-0107	1	1249										X														
ICAL7 J3ICP-0108	1	1253										X														
ZZZZZZ	1	1258																								
ZZZZZZ	1	1302																								
ICV J3ICP-0099	1	1307										X														
IB J3ICP-0136	1	1311										X														
LLCCV J3ICP-0138	1	1315										X														
ICSA J3ICP-0100	1	1320	X						X			X	X							X						
ZZZZZZ	1	1359																								
ZZZZZZ	1	1403																								
ZZZZZZ	1	1408																								
ZZZZZZ	1	1412																								
ZZZZZZ	1	1417																								
ZZZZZZ	1	1421																								
ZZZZZZ	1	1425																								
ZZZZZZ	1	1430																								
ZZZZZZ	1	1434																								
ZZZZZZ	5	1439																								
ZZZZZZ	1	1443																								
ZZZZZZ	1	1448																								
ZZZZZZ	1	1452																								
ZZZZZZ	1	1456																								
ZZZZZZ	1	1501																								
ZZZZZZ	1	1505																								
ZZZZZZ	1	1510																								
ZZZZZZ	1	1514																								



Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)
 Instrument: J3A
 Start Date: 1/31/2022 End Date: 2/1/2022

SDG ID: J2200963
 Run Number: 220131A
 Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes																							
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	N I	K	S E	A G	N A	T L	V	Z N	B	L I
ZZZZZZ	1	1519																								
ZZZZZZ	1	1523																								
ZZZZZZ	1	1527																								
ZZZZZZ	1	1532																								
ZZZZZZ	1	1536																								
ZZZZZZ	1	1541																								
ZZZZZZ	1	1545																								
ZZZZZZ	1	1550																								
ZZZZZZ	1	1554																								
ZZZZZZ	1	1558																								
ZZZZZZ	1	1603																								
ZZZZZZ	1	1607																								
ZZZZZZ	1	1612																								
ZZZZZZ	1	1616																								
ZZZZZZ	1	1620																								
ZZZZZZ	1	1625																								
CCV J3ICP-0135	1	1629										X														
CCB J3ICP-0136	1	1634										X														
ZZZZZZ	1	1638																								
MB for HBN 76127 [DGMj/2757]	1	1643										X														
LCS for HBN 76127 [DGMj/2757]	1	1647										X														
RSA306-2805-A1006	1	1651										X														
RSA306-2805-A1006SD	5	1656										X														
RSA306-2805-A1006MS	1	1700										X														
RSA306-2805-A1006MSD	1	1705										X														
RSA306-2805-A1006PS	1	1709										X														
RSA306-2806-A1007	1	1713										X														
RSA306-2807-A1008	1	1718										X														
CCV J3ICP-0135	1	1722										X														
CCB J3ICP-0136	1	1726										X														
RSA306-2342-A1002	1	1731										X														
RSA306-2342-A1002-FD	1	1735										X														



Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)
 Instrument: J3A
 Start Date: 1/31/2022 End Date: 2/1/2022

SDG ID: J2200963
 Run Number: 220131A
 Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes																							
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	N I	K	S E	A G	N A	T L	V	Z N	B	L I
RSA306-2343-A1003	1	1740										X														
RSA306-2344-A1004	1	1744										X														
RSA306-A8011-ER	1	1748										X														
RSA306-A9041	1	1753										X														
ZZZZZZ	1	1757																								
ZZZZZZ	1	1802																								
ZZZZZZ	1	1806																								
ZZZZZZ	1	1810																								
CCV J3ICP-0135	1	1815										X														
CCB J3ICP-0136	1	1819										X														
ZZZZZZ	1	1824																								
ZZZZZZ	1	1828																								
ZZZZZZ	1	1832																								
ZZZZZZ	1	1837																								
ZZZZZZ	1	1841																								
ZZZZZZ	1	1846																								
ZZZZZZ	1	1850																								
ZZZZZZ	5	1854																								
ZZZZZZ	1	1859																								
ZZZZZZ	1	1903																								
ZZZZZZ	1	1908																								
ZZZZZZ	1	1912																								
ZZZZZZ	1	1916																								
ZZZZZZ	1	1921																								
ZZZZZZ	1	1925																								
ZZZZZZ	1	1929																								
ZZZZZZ	1	1934																								
ZZZZZZ	1	1938																								
ZZZZZZ	1	1943																								
ZZZZZZ	1	1947																								
ZZZZZZ	1	1951																								
ZZZZZZ	1	1956																								



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ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)
 Instrument: J3A
 Start Date: 1/31/2022 End Date: 2/1/2022

SDG ID: J2200963
 Run Number: 220131A
 Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes																							
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	N I	K	S E	A G	N A	T L	V	Z N	B	L I
ZZZZZZ	1	2000																								
ZZZZZZ	1	2005																								
ZZZZZZ	1	2009																								
ZZZZZZ	1	2014																								
ZZZZZZ	1	2018																								
ZZZZZZ	1	2022																								
ZZZZZZ	1	2027																								
ZZZZZZ	1	2031																								
ZZZZZZ	1	2036																								
ZZZZZZ	1	2040																								
ZZZZZZ	1	2044																								
ZZZZZZ	1	2049																								
ZZZZZZ	1	2053																								
ZZZZZZ	1	2058																								
ZZZZZZ	1	2102																								
ZZZZZZ	1	2106																								
ZZZZZZ	1	2111																								
ZZZZZZ	1	2115																								
ZZZZZZ	1	2120																								
ZZZZZZ	5	2124																								
ZZZZZZ	1	2129																								
ZZZZZZ	1	2133																								
ZZZZZZ	1	2137																								
ZZZZZZ	1	2142																								
ZZZZZZ	1	2146																								
ZZZZZZ	1	2151																								
ZZZZZZ	1	2155																								
ZZZZZZ	1	2159																								
ZZZZZZ	1	2204																								
ZZZZZZ	1	2208																								
ZZZZZZ	1	2213																								
ZZZZZZ	1	2217																								



Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)
 Instrument: J3A
 Start Date: 1/31/2022 End Date: 2/1/2022

SDG ID: J2200963
 Run Number: 220131A
 Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes																							
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	N I	K	S E	A G	N A	T L	V	Z N	B	L I
ZZZZZZ	1	2222																								
ZZZZZZ	1	2226																								
ZZZZZZ	1	2230																								
ZZZZZZ	1	2235																								
ZZZZZZ	1	2239																								
ZZZZZZ	1	2244																								
ZZZZZZ	1	2248																								
ZZZZZZ	1	2253																								
ZZZZZZ	5	2257																								
ZZZZZZ	1	2301																								
ZZZZZZ	1	2306																								
ZZZZZZ	1	2310																								
ZZZZZZ	1	2315																								
ZZZZZZ	1	2319																								
ZZZZZZ	1	2324																								
ZZZZZZ	1	2328																								
ZZZZZZ	1	2332																								
ZZZZZZ	1	2337																								
ZZZZZZ	1	2341																								
ZZZZZZ	1	2346																								
ZZZZZZ	1	2350																								
ZZZZZZ	1	2355																								
ZZZZZZ	1	0000																								
ZZZZZZ	1	0004																								
ZZZZZZ	1	0009																								
ZZZZZZ	1	0013																								
ZZZZZZ	1	0018																								
ZZZZZZ	1	0022																								
ZZZZZZ	1	0027																								
ZZZZZZ	1	0031																								



Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)

SDG ID: J2200963

Instrument: J3A

Run Number: 220131A

Start Date: 1/31/2022 End Date: 2/1/2022

Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes															
			H G	M O	S I	S N	S R	T I	U	T H								
CALB J3ICP-0136	1	12:23																
ICAL1 J3ICP-0138	1	12:27																
ICAL2 J3ICP-0103	1	12:31																
ICAL3 J3ICP-0135	1	12:36																
ICAL4 J3ICP-0105	1	12:40																
ICAL5 J3ICP-0106	1	12:45																
ICAL6 J3ICP-0107	1	12:49																
ICAL7 J3ICP-0108	1	12:53																
ZZZZZZ	1	12:58																
ZZZZZZ	1	13:02																
ICV J3ICP-0099	1	13:07																
IB J3ICP-0136	1	13:11																
LLCCV J3ICP-0138	1	13:15																
ICSA J3ICP-0100	1	13:20																
ZZZZZZ	1	13:59																
ZZZZZZ	1	14:03																
ZZZZZZ	1	14:08																
ZZZZZZ	1	14:12																
ZZZZZZ	1	14:17																
ZZZZZZ	1	14:21																
ZZZZZZ	1	14:25																
ZZZZZZ	1	14:30																
ZZZZZZ	1	14:34																
ZZZZZZ	5	14:39																
ZZZZZZ	1	14:43																
ZZZZZZ	1	14:48																
ZZZZZZ	1	14:52																
ZZZZZZ	1	14:56																
ZZZZZZ	1	15:01																
ZZZZZZ	1	15:05																
ZZZZZZ	1	15:10																
ZZZZZZ	1	15:14																
ZZZZZZ	1	15:19																
ZZZZZZ	1	15:23																



Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)

SDG ID: J2200963

Instrument: J3A

Run Number: 220131A

Start Date: 1/31/2022 End Date: 2/1/2022

Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes															
			H G	M O	S I	S N	S R	T I	U	T H								
ZZZZZZ	1	15:27																
ZZZZZZ	1	15:32																
ZZZZZZ	1	15:36																
ZZZZZZ	1	15:41																
ZZZZZZ	1	15:45																
ZZZZZZ	1	15:50																
ZZZZZZ	1	15:54																
ZZZZZZ	1	15:58																
ZZZZZZ	1	16:03																
ZZZZZZ	1	16:07																
ZZZZZZ	1	16:12																
ZZZZZZ	1	16:16																
ZZZZZZ	1	16:20																
ZZZZZZ	1	16:25																
CCV J3ICP-0135	1	16:29																
CCB J3ICP-0136	1	16:34																
ZZZZZZ	1	16:38																
MB for HBN 76127 [DGMj/2757]	1	16:43																
LCS for HBN 76127 [DGMj/2757]	1	16:47																
RSA306-2805-A1006	1	16:51																
RSA306-2805-A1006SD	5	16:56																
RSA306-2805-A1006MS	1	17:00																
RSA306-2805-A1006MSD	1	17:05																
RSA306-2805-A1006PS	1	17:09																
RSA306-2806-A1007	1	17:13																
RSA306-2807-A1008	1	17:18																
CCV J3ICP-0135	1	17:22																
CCB J3ICP-0136	1	17:26																
RSA306-2342-A1002	1	17:31																
RSA306-2342-A1002-FD	1	17:35																
RSA306-2343-A1003	1	17:40																
RSA306-2344-A1004	1	17:44																
RSA306-A8011-ER	1	17:48																
RSA306-A9041	1	17:53																



Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)

SDG ID: J2200963

Instrument: J3A

Run Number: 220131A

Start Date: 1/31/2022 End Date: 2/1/2022

Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes															
			H G	M O	S I	S N	S R	T I	U	T H								
ZZZZZZ	1	17:57																
ZZZZZZ	1	18:02																
ZZZZZZ	1	18:06																
ZZZZZZ	1	18:10																
CCV J3ICP-0135	1	18:15																
CCB J3ICP-0136	1	18:19																
ZZZZZZ	1	18:24																
ZZZZZZ	1	18:28																
ZZZZZZ	1	18:32																
ZZZZZZ	1	18:37																
ZZZZZZ	1	18:41																
ZZZZZZ	1	18:46																
ZZZZZZ	1	18:50																
ZZZZZZ	5	18:54																
ZZZZZZ	1	18:59																
ZZZZZZ	1	19:03																
ZZZZZZ	1	19:08																
ZZZZZZ	1	19:12																
ZZZZZZ	1	19:16																
ZZZZZZ	1	19:21																
ZZZZZZ	1	19:25																
ZZZZZZ	1	19:29																
ZZZZZZ	1	19:34																
ZZZZZZ	1	19:38																
ZZZZZZ	1	19:43																
ZZZZZZ	1	19:47																
ZZZZZZ	1	19:51																
ZZZZZZ	1	19:56																
ZZZZZZ	1	20:00																
ZZZZZZ	1	20:05																
ZZZZZZ	1	20:09																
ZZZZZZ	1	20:14																
ZZZZZZ	1	20:18																
ZZZZZZ	1	20:22																



Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)

SDG ID: J2200963

Instrument: J3A

Run Number: 220131A

Start Date: 1/31/2022 End Date: 2/1/2022

Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes															
			H G	M O	S I	S N	S R	T I	U	T H								
ZZZZZZ	1	20:27																
ZZZZZZ	1	20:31																
ZZZZZZ	1	20:36																
ZZZZZZ	1	20:40																
ZZZZZZ	1	20:44																
ZZZZZZ	1	20:49																
ZZZZZZ	1	20:53																
ZZZZZZ	1	20:58																
ZZZZZZ	1	21:02																
ZZZZZZ	1	21:06																
ZZZZZZ	1	21:11																
ZZZZZZ	1	21:15																
ZZZZZZ	1	21:20																
ZZZZZZ	5	21:24																
ZZZZZZ	1	21:29																
ZZZZZZ	1	21:33																
ZZZZZZ	1	21:37																
ZZZZZZ	1	21:42																
ZZZZZZ	1	21:46																
ZZZZZZ	1	21:51																
ZZZZZZ	1	21:55																
ZZZZZZ	1	21:59																
ZZZZZZ	1	22:04																
ZZZZZZ	1	22:08																
ZZZZZZ	1	22:13																
ZZZZZZ	1	22:17																
ZZZZZZ	1	22:22																
ZZZZZZ	1	22:26																
ZZZZZZ	1	22:30																
ZZZZZZ	1	22:35																
ZZZZZZ	1	22:39																
ZZZZZZ	1	22:44																
ZZZZZZ	1	22:48																
ZZZZZZ	1	22:53																



Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)

SDG ID: J2200963

Instrument: J3A

Run Number: 220131A

Start Date: 1/31/2022 End Date: 2/1/2022

Analytical Method: SW-846 6010C

Client Sample No.	DF	Time	Analytes															
			H G	M O	S I	S N	S R	T I	U	T H								
ZZZZZZ	5	22:57																
ZZZZZZ	1	23:01																
ZZZZZZ	1	23:06																
ZZZZZZ	1	23:10																
ZZZZZZ	1	23:15																
ZZZZZZ	1	23:19																
ZZZZZZ	1	23:24																
ZZZZZZ	1	23:28																
ZZZZZZ	1	23:32																
ZZZZZZ	1	23:37																
ZZZZZZ	1	23:41																
ZZZZZZ	1	23:46																
ZZZZZZ	1	23:50																
ZZZZZZ	1	23:55																
ZZZZZZ	1	00:00																
ZZZZZZ	1	00:04																
ZZZZZZ	1	00:09																
ZZZZZZ	1	00:13																
ZZZZZZ	1	00:18																
ZZZZZZ	1	00:22																
ZZZZZZ	1	00:27																
ZZZZZZ	1	00:31																



Advanced Environmental Laboratories, Inc.

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG NO.: J2200963

Instrument: J3A

Run No.: 220131A

Start Time: 1223 End Time: 0031

Method: SW-846 6010C

Sample ID	Client ID	Time	Internal Standards %RI For:											
			Element Y 371.03	Q	Element Y 224.30	Q	Element Y 371.030	Q	Element	Q	Element	Q		
CALB J3ICP-	CALB J3ICP-0136	1223	100.0		100.0		100.0							
ICAL1 J3ICP	ICAL1 J3ICP-0138	1227	100.6		100.9		101.1							
ICAL2 J3ICP	ICAL2 J3ICP-0103	1231	101.1		101.2		99.8							
ICAL3 J3ICP	ICAL3 J3ICP-0135	1236	101.0		100.5		99.6							
ICAL4 J3ICP	ICAL4 J3ICP-0105	1240	101.5		100.0		98.7							
ICAL5 J3ICP	ICAL5 J3ICP-0106	1245	100.9		98.9		96.7							
ICAL6 J3ICP	ICAL6 J3ICP-0107	1249	99.3		94.1		91.7							
ICAL7 J3ICP	ICAL7 J3ICP-0108	1253	98.0		91.2		88.2							
ICV J3ICP-0	ICV J3ICP-0099	1307	98.5		95.5		96.8							
ICB1	IB J3ICP-0136	1311	100.6		101.6		101.3							
CRDL1	LLCCV J3ICP-0138	1315	100.4		100.8		100.8							
ICS-A1	ICSA J3ICP-0100	1320	97.5		89.6		88.7							
ZZZZZZ	ZZZZZZ	1359												
ZZZZZZ	ZZZZZZ	1403												
ZZZZZZ	ZZZZZZ	1408												
ZZZZZZ	ZZZZZZ	1412												
ZZZZZZ	ZZZZZZ	1417												
ZZZZZZ	ZZZZZZ	1421												
ZZZZZZ	ZZZZZZ	1425												
ZZZZZZ	ZZZZZZ	1430												
ZZZZZZ	ZZZZZZ	1434												
ZZZZZZ	ZZZZZZ	1439												
ZZZZZZ	ZZZZZZ	1443												
ZZZZZZ	ZZZZZZ	1448												
ZZZZZZ	ZZZZZZ	1452												
ZZZZZZ	ZZZZZZ	1456												
ZZZZZZ	ZZZZZZ	1501												
ZZZZZZ	ZZZZZZ	1505												
ZZZZZZ	ZZZZZZ	1510												
ZZZZZZ	ZZZZZZ	1514												
ZZZZZZ	ZZZZZZ	1519												
ZZZZZZ	ZZZZZZ	1523												
ZZZZZZ	ZZZZZZ	1527												
ZZZZZZ	ZZZZZZ	1532												
ZZZZZZ	ZZZZZZ	1536												
ZZZZZZ	ZZZZZZ	1541												

Comments: _____



INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG NO.: J2200963

Instrument: J3A

Run No.: 220131A

Start Time: 1223 End Time: 0031

Method: SW-846 6010C

Sample ID	Client ID	Time	Internal Standards %RI For:											
			Element Y 371.03	Q	Element Y 224.30	Q	Element Y 371.030	Q	Element	Q	Element	Q		
ZZZZZZ	ZZZZZZ	1545												
ZZZZZZ	ZZZZZZ	1550												
ZZZZZZ	ZZZZZZ	1554												
ZZZZZZ	ZZZZZZ	1558												
ZZZZZZ	ZZZZZZ	1603												
ZZZZZZ	ZZZZZZ	1607												
ZZZZZZ	ZZZZZZ	1612												
ZZZZZZ	ZZZZZZ	1616												
ZZZZZZ	ZZZZZZ	1620												
ZZZZZZ	ZZZZZZ	1625												
CCV3	CCV J3ICP-0135	1629	95.1		100.8			100.6						
CCB3	CCB J3ICP-0136	1634	104.1		103.9			105.4						
ZZZZZZ	ZZZZZZ	1638												
4182161	MB for HBN 76127	1643	101.2		102.5			101.9						
4182162	LCS for HBN 7612	1647	102.0		102.8			100.8						
J2200963002	RSA306-2805-A100	1651	99.3		100.1			99.5						
J2200963002	RSA306-2805-A100	1656	100.9		102.5			102.0						
4182163	RSA306-2805-A100	1700	101.8		99.9			100.8						
4182164	RSA306-2805-A100	1705	101.5		99.8			98.7						
J2200963002	RSA306-2805-A100	1709	100.9		98.0			99.6						
J2200963003	RSA306-2806-A100	1713	103.9		100.8			100.5						
J2200963004	RSA306-2807-A100	1718	101.0		99.6			99.0						
CCV4	CCV J3ICP-0135	1722	100.4		99.5			100.1						
CCB4	CCB J3ICP-0136	1726	98.5		101.5			101.2						
J2200963005	RSA306-2342-A100	1731	98.0		91.9			90.5						
J2200963006	RSA306-2342-A100	1735	97.7		92.9			91.4						
J2200963007	RSA306-2343-A100	1740	99.8		98.0			96.4						
J2200963008	RSA306-2344-A100	1744	99.4		98.4			97.6						
J2200963009	RSA306-A8011-ER	1748	101.2		99.9			100.5						
J2200963010	RSA306-A9041	1753	97.7		96.2			95.2						
ZZZZZZ	ZZZZZZ	1757												
ZZZZZZ	ZZZZZZ	1802												
ZZZZZZ	ZZZZZZ	1806												
ZZZZZZ	ZZZZZZ	1810												
CCV5	CCV J3ICP-0135	1815	95.5		98.4			97.1						
CCB5	CCB J3ICP-0136	1819	95.7		98.6			99.1						

Comments: _____



INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG NO.: J2200963

Instrument: J3A

Run No.: 220131A

Start Time: 1223 End Time: 0031

Method: SW-846 6010C

Table with columns: Sample ID, Client ID, Time, and Internal Standards %RI For (Element Y 371.03 Q, Element Y 224.30 Q, Element Y 371.030 Q, Element Q, Element Q, Element Q). Rows contain placeholder 'Z' values for Sample ID and Client ID, and numerical values for Time.

Comments:



INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG NO.: J2200963

Instrument: J3A

Run No.: 220131A

Start Time: 1223 End Time: 0031

Method: SW-846 6010C

Table with columns: Sample ID, Client ID, Time, and Internal Standards %RI For (Element Y 371.03, Element Y 224.30, Element Y 371.030, Element, Element, Element). Rows contain placeholder text 'ZZZZZZ' and numerical values for Time.

Comments:



INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC)

SDG NO.: J2200963

Instrument: J3A

Run No.: 220131A

Start Time: 1223 End Time: 0031

Method: SW-846 6010C

Table with columns: Sample ID, Client ID, Time, and Internal Standards %RI For (Element Y 371.03, Element Y 224.30, Element Y 371.030, Element, Element). Rows contain placeholder data (ZZZZZZ) and times (2341, 2346, 2350, 2355, 0000, 0004, 0009, 0013, 0018, 0022, 0027, 0031).

Comments:

Raw Data

200.7 6010B (Sample List)

2/1/2022 9:22:48 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Advanced
Environmental Laboratories, Inc.

LabBook 220131A.imexp
Instruments iCAP OES, ASX-560

LabBook summary

Acquired by LAB-AELLAB\Jax-ulCP2 Date 1/31/2022 1:59:12 PM
Last changed by LAB-AELLAB\Jax-ulCP2 Date 2/1/2022 8:56:10 AM

Configuration iCAP ASX 560
Template 220128A-WATERS

Sample list

Sample List	Sample Type	Repeats	Start Time	Comments
CALB J3ICP-0136	BLK	3	1/31/2022 12:23:06 PM	AO
ICAL1 J3ICP-0138	STD	3	1/31/2022 12:27:30 PM	AO
ICAL2 J3ICP-0103	STD	3	1/31/2022 12:31:56 PM	AO
ICAL3 J3ICP-0135	STD	3	1/31/2022 12:36:20 PM	AO
ICAL4 J3ICP-0105	STD	3	1/31/2022 12:40:44 PM	AO
ICAL5 J3ICP-0106	STD	3	1/31/2022 12:45:05 PM	AO
ICAL6 J3ICP-0107	STD	3	1/31/2022 12:49:31 PM	AO
ICAL7 J3ICP-0108	STD	3	1/31/2022 12:53:49 PM	AO
RINSE	UNKNOWN	3	1/31/2022 12:58:20 PM	AO
RINSE	UNKNOWN	3	1/31/2022 1:02:45 PM	AO
ICV J3ICP-0099	QC	3	1/31/2022 1:07:09 PM	AO
IB J3ICP-0136	QC	3	1/31/2022 1:11:32 PM	AO
LLCCV J3ICP-0138	QC	3	1/31/2022 1:15:57 PM	AO
ICSA J3ICP-0100	QC	3	1/31/2022 1:20:22 PM	AO
4179521	UNKNOWN	3	1/31/2022 1:59:20 PM	AO 1693
4182734	UNKNOWN	3	1/31/2022 2:03:44 PM	AO 1693
F2200287001	UNKNOWN	3	1/31/2022 2:08:05 PM	AO 1693
F2200287002	UNKNOWN	3	1/31/2022 2:12:38 PM	AO 1693
4182128	UNKNOWN	3	1/31/2022 2:17:10 PM	AO 1695
4182129	UNKNOWN	3	1/31/2022 2:21:35 PM	AO 1695
4182142	UNKNOWN	3	1/31/2022 2:25:55 PM	AO 1696
4182143	UNKNOWN	3	1/31/2022 2:30:22 PM	AO 1696
J2200745001	UNKNOWN	3	1/31/2022 2:34:46 PM	AO 1696
J2200745001SD 5X	UNKNOWN	3	1/31/2022 2:39:11 PM	AO 1696
CCV J3ICP-0135	QC	3	1/31/2022 2:43:36 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 2:48:00 PM	AO
4182144	UNKNOWN	3	1/31/2022 2:52:25 PM	AO 1696
4182145	UNKNOWN	3	1/31/2022 2:56:57 PM	AO 1696
J2200745001PS	UNKNOWN	3	1/31/2022 3:01:26 PM	AO 1696
J2200745002	UNKNOWN	3	1/31/2022 3:05:53 PM	AO 1696
J2200745003	UNKNOWN	3	1/31/2022 3:10:15 PM	AO 1696
J2200745004	UNKNOWN	3	1/31/2022 3:14:39 PM	AO 1696
J2200745005	UNKNOWN	3	1/31/2022 3:19:02 PM	AO 1696
J2200745006	UNKNOWN	3	1/31/2022 3:23:28 PM	AO 1696
J2200806001	UNKNOWN	3	1/31/2022 3:27:56 PM	AO 1696
J2200806002	UNKNOWN	3	1/31/2022 3:32:21 PM	AO 1696
CCV J3ICP-0135	QC	3	1/31/2022 3:36:44 PM	AO

200.7 6010B (Sample List)

2/1/2022 9:22:48 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Advanced
Environmental Laboratories, Inc.

Sample List	Sample Type	Repeats	Start Time	Comments
CCB J3ICP-0136	QC	3	1/31/2022 3:41:08 PM	AO
J2200860001	UNKNOWN	3	1/31/2022 3:45:33 PM	AO 1696
J2200930001	UNKNOWN	3	1/31/2022 3:50:02 PM	AO 1696
J2201056001	UNKNOWN	3	1/31/2022 3:54:35 PM	AO 1696
4182146	UNKNOWN	3	1/31/2022 3:58:59 PM	AO 1696
4182147	UNKNOWN	3	1/31/2022 4:03:30 PM	AO 1696
J2201056002	UNKNOWN	3	1/31/2022 4:07:58 PM	AO 1696
J2201056003	UNKNOWN	3	1/31/2022 4:12:16 PM	AO 1696
J2201056004	UNKNOWN	3	1/31/2022 4:16:36 PM	AO 1696
J2201056005	UNKNOWN	3	1/31/2022 4:20:57 PM	AO 1696
J2201056006	UNKNOWN	3	1/31/2022 4:25:20 PM	AO 1696
CCV J3ICP-0135	QC	3	1/31/2022 4:29:43 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 4:34:06 PM	AO
J2201074001	UNKNOWN	3	1/31/2022 4:38:31 PM	AO 1696
4182161	UNKNOWN	3	1/31/2022 4:43:00 PM	AO 1697
4182162	UNKNOWN	3	1/31/2022 4:47:26 PM	AO 1697
J2200963002	UNKNOWN	3	1/31/2022 4:51:49 PM	AO 1697
J2200963002SD 5X	UNKNOWN	3	1/31/2022 4:56:13 PM	AO 1697
4182163	UNKNOWN	3	1/31/2022 5:00:39 PM	AO 1697
4182164	UNKNOWN	3	1/31/2022 5:05:02 PM	AO 1697
J2200963002PS	UNKNOWN	3	1/31/2022 5:09:22 PM	AO 1697
J2200963003	UNKNOWN	3	1/31/2022 5:13:42 PM	AO 1697
J2200963004	UNKNOWN	3	1/31/2022 5:18:05 PM	AO 1697
CCV J3ICP-0135	QC	3	1/31/2022 5:22:28 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 5:26:53 PM	AO
J2200963005	UNKNOWN	3	1/31/2022 5:31:17 PM	AO 1697
J2200963006	UNKNOWN	3	1/31/2022 5:35:39 PM	AO 1697
J2200963007	UNKNOWN	3	1/31/2022 5:40:07 PM	AO 1697
J2200963008	UNKNOWN	3	1/31/2022 5:44:30 PM	AO 1697
J2200963009	UNKNOWN	3	1/31/2022 5:48:53 PM	AO 1697
J2200963010	UNKNOWN	3	1/31/2022 5:53:19 PM	AO 1697
J2201029001	UNKNOWN	3	1/31/2022 5:57:43 PM	AO 1697
J2201029002	UNKNOWN	3	1/31/2022 6:02:06 PM	AO 1697
J2201029003	UNKNOWN	3	1/31/2022 6:06:30 PM	AO 1697
J2201029004	UNKNOWN	3	1/31/2022 6:10:49 PM	AO 1697
CCV J3ICP-0135	QC	3	1/31/2022 6:15:12 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 6:19:36 PM	AO
J2201127002	UNKNOWN	3	1/31/2022 6:24:01 PM	AO 1697
J2201127003	UNKNOWN	3	1/31/2022 6:28:24 PM	AO 1697
J2201127005	UNKNOWN	3	1/31/2022 6:32:46 PM	AO 1697
J2201127006	UNKNOWN	3	1/31/2022 6:37:10 PM	AO 1697
4182513	UNKNOWN	3	1/31/2022 6:41:34 PM	AO 1698
4182514	UNKNOWN	3	1/31/2022 6:46:00 PM	AO 1698
J2201125001	UNKNOWN	3	1/31/2022 6:50:23 PM	AO 1698
J2201125001SD 5X	UNKNOWN	3	1/31/2022 6:54:48 PM	AO 1698
4182515	UNKNOWN	3	1/31/2022 6:59:12 PM	AO 1698
4182516	UNKNOWN	3	1/31/2022 7:03:35 PM	AO 1698
CCV J3ICP-0135	QC	3	1/31/2022 7:08:00 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 7:12:24 PM	AO

200.7 6010B (Sample List)

2/1/2022 9:22:48 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Advanced
Environmental Laboratories, Inc.

Sample List	Sample Type	Repeats	Start Time	Comments
J2201125001PS	UNKNOWN	3	1/31/2022 7:16:48 PM	AO 1698
J2201125002	UNKNOWN	3	1/31/2022 7:21:11 PM	AO 1698
J2201125003	UNKNOWN	3	1/31/2022 7:25:35 PM	AO 1698
J2201125004	UNKNOWN	3	1/31/2022 7:29:57 PM	AO 1698
J2201125005	UNKNOWN	3	1/31/2022 7:34:21 PM	AO 1698
J2201125006	UNKNOWN	3	1/31/2022 7:38:45 PM	AO 1698
J2201125008	UNKNOWN	3	1/31/2022 7:43:08 PM	AO 1698
J2201125009	UNKNOWN	3	1/31/2022 7:47:30 PM	AO 1698
J2201125010	UNKNOWN	3	1/31/2022 7:51:53 PM	AO 1698
J2201125011	UNKNOWN	3	1/31/2022 7:56:20 PM	AO 1698
CCV J3ICP-0135	QC	3	1/31/2022 8:00:44 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 8:05:08 PM	AO
J2201125013	UNKNOWN	3	1/31/2022 8:09:34 PM	AO 1698
J2201125014	UNKNOWN	3	1/31/2022 8:14:00 PM	AO 1698
J2201125015	UNKNOWN	3	1/31/2022 8:18:27 PM	AO 1698
J2201125016	UNKNOWN	3	1/31/2022 8:22:53 PM	AO 1698
J2201125017	UNKNOWN	3	1/31/2022 8:27:16 PM	AO 1698
J2201125018	UNKNOWN	3	1/31/2022 8:31:41 PM	AO 1698
4182521	UNKNOWN	3	1/31/2022 8:36:07 PM	AO 1699
4182522	UNKNOWN	3	1/31/2022 8:40:32 PM	AO 1699
S2200197001	UNKNOWN	3	1/31/2022 8:44:56 PM	AO 1699
S2200197002	UNKNOWN	3	1/31/2022 8:49:18 PM	AO 1699
CCV J3ICP-0135	QC	3	1/31/2022 8:53:42 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 8:58:06 PM	AO
S2200197003	UNKNOWN	3	1/31/2022 9:02:32 PM	AO 1699
S2200197004	UNKNOWN	3	1/31/2022 9:06:55 PM	AO 1699
S2200197005	UNKNOWN	3	1/31/2022 9:11:21 PM	AO 1699
S2200197006	UNKNOWN	3	1/31/2022 9:15:48 PM	AO 1699
J2201057001	UNKNOWN	3	1/31/2022 9:20:13 PM	AO 1699
J2201057001SD 5X	UNKNOWN	3	1/31/2022 9:24:39 PM	AO 1699
4182523	UNKNOWN	3	1/31/2022 9:29:04 PM	AO 1699
4182524	UNKNOWN	3	1/31/2022 9:33:27 PM	AO 1699
J2201057001PS	UNKNOWN	3	1/31/2022 9:37:49 PM	AO 1699
J2201057002	UNKNOWN	3	1/31/2022 9:42:11 PM	AO 1699
CCV J3ICP-0135	QC	3	1/31/2022 9:46:36 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 9:51:01 PM	AO
J2201057003	UNKNOWN	3	1/31/2022 9:55:27 PM	AO 1699
J2201158001	UNKNOWN	3	1/31/2022 9:59:53 PM	AO 1695
4182130	UNKNOWN	3	1/31/2022 10:04:19 PM	AO 1695
4182131	UNKNOWN	3	1/31/2022 10:08:50 PM	AO 1695
J2200862001	UNKNOWN	3	1/31/2022 10:13:17 PM	AO 1696
J2200932001	UNKNOWN	3	1/31/2022 10:17:44 PM	AO 1696
J2201158001	UNKNOWN	3	1/31/2022 10:22:09 PM	AO 1696
J2201125007	UNKNOWN	3	1/31/2022 10:26:33 PM	AO 1698
4186792	UNKNOWN	3	1/31/2022 10:30:57 PM	AO 1700
4189793	UNKNOWN	3	1/31/2022 10:35:24 PM	AO 1700
CCV J3ICP-0135	QC	3	1/31/2022 10:39:48 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 10:44:13 PM	AO
F2200400001	UNKNOWN	3	1/31/2022 10:48:39 PM	AO 1700

200.7 6010B (Sample List)

2/1/2022 9:22:48 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Advanced
Environmental Laboratories, Inc.

Sample List	Sample Type	Repeats	Start Time	Comments
J2200866001	UNKNOWN	3	1/31/2022 10:53:02 PM	AO 1700
J2200866001SD 5X	UNKNOWN	3	1/31/2022 10:57:29 PM	AO 1700
4186794	UNKNOWN	3	1/31/2022 11:01:56 PM	AO 1700
4186795	UNKNOWN	3	1/31/2022 11:06:20 PM	AO 1700
J2200866001PS	UNKNOWN	3	1/31/2022 11:10:43 PM	AO 1700
J2200866002	UNKNOWN	3	1/31/2022 11:15:07 PM	AO 1700
J2200866003	UNKNOWN	3	1/31/2022 11:19:34 PM	AO 1700
J2200866004	UNKNOWN	3	1/31/2022 11:24:01 PM	AO 1700
J2200939001	UNKNOWN	3	1/31/2022 11:28:27 PM	AO 1700
CCV J3ICP-0135	QC	3	1/31/2022 11:32:53 PM	AO
CCB J3ICP-0136	QC	3	1/31/2022 11:37:18 PM	AO
J2200940001	UNKNOWN	3	1/31/2022 11:41:44 PM	AO 1700
J2201008001	UNKNOWN	3	1/31/2022 11:46:18 PM	AO 1700
J2201009001	UNKNOWN	3	1/31/2022 11:50:52 PM	AO 1700
J2201070001	UNKNOWN	3	1/31/2022 11:55:24 PM	AO 1700
J2201072001	UNKNOWN	3	2/1/2022 12:00:16 AM	AO 1700
J2201123001	UNKNOWN	3	2/1/2022 12:04:48 AM	AO 1700
J2201123002	UNKNOWN	3	2/1/2022 12:09:13 AM	AO 1700
J2201123003	UNKNOWN	3	2/1/2022 12:13:40 AM	AO 1700
S2200205001	UNKNOWN	3	2/1/2022 12:18:05 AM	AO 1700
A2200712001	UNKNOWN	3	2/1/2022 12:22:40 AM	AO 1700
CCV J3ICP-0135	QC	3	2/1/2022 12:27:06 AM	AO
CCB J3ICP-0136	QC	3	2/1/2022 12:31:30 AM	AO

200.7 6010B (Cal)

2/1/2022 9:20:44 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



LabBook 220131A.imexp
Instruments iCAP OES, ASX-560

LabBook summary

Acquired by LAB-AELLAB\Jax-ulCP2 Date 1/31/2022 1:59:12 PM

Last changed by LAB-AELLAB\Jax-ulCP2 Date 2/1/2022 8:56:10 AM

Configuration iCAP ASX 560

Template 220128A-WATERS

Calibration details

Calibration	ICAL1 J3ICP-0138	ICAL2 J3ICP-0103	ICAL3 J3ICP-0135
K 766.490 {44} (Radial)	2.00000 ppm	4.00000 ppm	10.00000 ppm
Co 228.616 {447} (Axial)	0.00400 ppm	0.00800 ppm	0.02000 ppm
Ag 328.068 {103} (Axial)	0.03200 ppm	0.06400 ppm	0.16000 ppm
Zn 213.856 {458} (Axial)	0.20000 ppm	0.40000 ppm	1.00000 ppm
Pb 220.353 {453} (Axial)	0.01200 ppm	0.02400 ppm	0.06000 ppm
As 189.042 {478} (Axial)	0.03200 ppm	0.06400 ppm	0.16000 ppm
Si 251.611 {134} (Axial)	0.80000 ppm	1.60000 ppm	4.00000 ppm
Tl 190.856 {477} (Axial)	0.04000 ppm	0.08000 ppm	0.20000 ppm
Se 196.090 {472} (Axial)	0.16000 ppm	0.32000 ppm	0.80000 ppm
Al 396.152 {85} (Radial)	0.08000 ppm	0.16000 ppm	0.40000 ppm
B 208.959 {461} (Axial)	0.40000 ppm	0.80000 ppm	2.00000 ppm
Ba 233.527 {445} (Axial)	0.01200 ppm	0.02400 ppm	0.06000 ppm
Ca 317.933 {106} (Radial)	0.80000 ppm	1.60000 ppm	4.00000 ppm
Cd 226.502 {449} (Axial)	0.00200 ppm	0.00400 ppm	0.01000 ppm
Cr 267.716 {126} (Axial)	0.02000 ppm	0.04000 ppm	0.10000 ppm
Fe 261.187 {129} (Radial)	0.80000 ppm	1.60000 ppm	4.00000 ppm
Na 589.592 {57} (Radial)	3.20000 ppm	6.40000 ppm	16.00000 ppm
Be 313.042 {108} (Axial)	0.00800 ppm	0.01600 ppm	0.04000 ppm
Sr 421.552 {80} (Axial)	0.04000 ppm	0.08000 ppm	0.20000 ppm
Ti 323.452 {104} (Axial)	0.00800 ppm	0.01600 ppm	0.04000 ppm
V 290.882 {116} (Axial)	0.00800 ppm	0.01600 ppm	0.04000 ppm
Mn 257.610 {131} (Axial)	0.02000 ppm	0.04000 ppm	0.10000 ppm
Mo 204.598 {465} (Axial)	0.01600 ppm	0.03200 ppm	0.08000 ppm
Ni 221.647 {452} (Axial)	0.04000 ppm	0.08000 ppm	0.20000 ppm
Cu 327.396 {103} (Axial)	0.04000 ppm	0.08000 ppm	0.20000 ppm
Sb 206.833 {463} (Axial)	0.01200 ppm	0.02400 ppm	0.06000 ppm
Mg 285.213 {118} (Radial)	0.40000 ppm	0.80000 ppm	2.00000 ppm
Sn 189.989 {478} (Axial)	0.16000 ppm	0.32000 ppm	0.80000 ppm
Li 670.784 {50} (Radial)	0.24000 ppm	0.48000 ppm	1.20000 ppm

Calibration	ICAL4 J3ICP-0105	ICAL5 J3ICP-0106	ICAL6 J3ICP-0107
K 766.490 {44} (Radial)	20.00000 ppm	40.00000 ppm	N/A
Co 228.616 {447} (Axial)	0.04000 ppm	0.08000 ppm	0.40000 ppm
Ag 328.068 {103} (Axial)	0.32000 ppm	0.64000 ppm	N/A
Zn 213.856 {458} (Axial)	2.00000 ppm	4.00000 ppm	20.00000 ppm
Pb 220.353 {453} (Axial)	0.12000 ppm	0.24000 ppm	1.20000 ppm
As 189.042 {478} (Axial)	0.32000 ppm	0.64000 ppm	3.20000 ppm
Si 251.611 {134} (Axial)	8.00000 ppm	16.00000 ppm	80.00000 ppm

200.7 6010B (Cal)

2/1/2022 9:20:44 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Calibration	ICAL4 J3ICP-0105	ICAL5 J3ICP-0106	ICAL6 J3ICP-0107
Tl 190.856 {477} (Axial)	0.40000 ppm	0.80000 ppm	N/A
Se 196.090 {472} (Axial)	1.60000 ppm	3.20000 ppm	16.00000 ppm
Al 396.152 {85} (Radial)	0.80000 ppm	1.60000 ppm	8.00000 ppm
B 208.959 {461} (Axial)	4.00000 ppm	8.00000 ppm	N/A
Ba 233.527 {445} (Axial)	0.12000 ppm	0.24000 ppm	1.20000 ppm
Ca 317.933 {106} (Radial)	8.00000 ppm	16.00000 ppm	80.00000 ppm
Cd 226.502 {449} (Axial)	0.02000 ppm	0.04000 ppm	0.20000 ppm
Cr 267.716 {126} (Axial)	0.20000 ppm	0.40000 ppm	2.00000 ppm
Fe 261.187 {129} (Radial)	8.00000 ppm	16.00000 ppm	80.00000 ppm
Na 589.592 {57} (Radial)	32.00000 ppm	64.00000 ppm	320.00000 ppm
Be 313.042 {108} (Axial)	0.08000 ppm	0.16000 ppm	N/A
Sr 421.552 {80} (Axial)	0.40000 ppm	0.80000 ppm	4.00000 ppm
Ti 323.452 {104} (Axial)	0.08000 ppm	0.16000 ppm	N/A
V 290.882 {116} (Axial)	0.08000 ppm	0.16000 ppm	0.80000 ppm
Mn 257.610 {131} (Axial)	0.20000 ppm	0.40000 ppm	2.00000 ppm
Mo 204.598 {465} (Axial)	0.16000 ppm	0.32000 ppm	N/A
Ni 221.647 {452} (Axial)	0.40000 ppm	0.80000 ppm	4.00000 ppm
Cu 327.396 {103} (Axial)	0.40000 ppm	0.80000 ppm	4.00000 ppm
Sb 206.833 {463} (Axial)	0.12000 ppm	0.24000 ppm	N/A
Mg 285.213 {118} (Radial)	4.00000 ppm	8.00000 ppm	40.00000 ppm
Sn 189.989 {478} (Axial)	1.60000 ppm	3.20000 ppm	N/A
Li 670.784 {50} (Radial)	2.40000 ppm	4.80000 ppm	24.00000 ppm

Calibration	ICAL7 J3ICP-0108
K 766.490 {44} (Radial)	N/A
Co 228.616 {447} (Axial)	0.80000 ppm
Ag 328.068 {103} (Axial)	N/A
Zn 213.856 {458} (Axial)	N/A
Pb 220.353 {453} (Axial)	2.40000 ppm
As 189.042 {478} (Axial)	6.40000 ppm
Si 251.611 {134} (Axial)	N/A
Tl 190.856 {477} (Axial)	N/A
Se 196.090 {472} (Axial)	32.00000 ppm
Al 396.152 {85} (Radial)	16.00000 ppm
B 208.959 {461} (Axial)	N/A
Ba 233.527 {445} (Axial)	2.40000 ppm
Ca 317.933 {106} (Radial)	160.00000 ppm
Cd 226.502 {449} (Axial)	0.40000 ppm
Cr 267.716 {126} (Axial)	4.00000 ppm
Fe 261.187 {129} (Radial)	N/A
Na 589.592 {57} (Radial)	N/A
Be 313.042 {108} (Axial)	N/A
Sr 421.552 {80} (Axial)	N/A
Ti 323.452 {104} (Axial)	N/A
V 290.882 {116} (Axial)	1.60000 ppm
Mn 257.610 {131} (Axial)	4.00000 ppm
Mo 204.598 {465} (Axial)	N/A
Ni 221.647 {452} (Axial)	N/A
Cu 327.396 {103} (Axial)	8.00000 ppm

200.7 6010B (Cal)

2/1/2022 9:20:44 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



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Calibration		ICAL7 J3ICP-0108
Sb 206.833 {463} (Axial)		N/A
Mg 285.213 {118} (Radial)		80.00000 ppm
Sn 189.989 {478} (Axial)		N/A
Li 670.784 {50} (Radial)		48.00000 ppm

Symbol	Wavelength (nm) / Order	Fit Type	Weighting	Forcing
Ag	328.068 {103}	Linear	None	Blank
Al	396.152 {85}	Linear	None	Blank
As	189.042 {478}	Linear	None	Blank
B	208.959 {461}	Linear	None	Blank
Ba	233.527 {445}	Linear	None	Blank
Be	313.042 {108}	Linear	None	Blank
Ca	317.933 {106}	Linear	None	Blank
Cd	226.502 {449}	Linear	None	Blank
Co	228.616 {447}	Linear	None	Blank
Cr	267.716 {126}	Linear	None	Blank
Cu	327.396 {103}	Linear	None	Blank
Fe	261.187 {129}	Linear	None	Blank
K	766.490 {44}	Linear	None	Blank
Li	670.784 {50}	Linear	None	Blank
Mg	285.213 {118}	Linear	None	Blank
Mn	257.610 {131}	Linear	None	Blank
Mo	204.598 {465}	Linear	None	Blank
Na	589.592 {57}	Linear	None	Blank
Ni	221.647 {452}	Linear	None	Blank
Pb	220.353 {453}	Linear	None	Blank
Sb	206.833 {463}	Linear	None	Blank
Se	196.090 {472}	Linear	None	Blank
Si	251.611 {134}	Linear	None	Blank
Sn	189.989 {478}	Linear	None	Blank
Sr	421.552 {80}	Linear	None	Blank
Ti	323.452 {104}	Linear	None	Blank
Tl	190.856 {477}	Linear	None	Blank
V	290.882 {116}	Linear	None	Blank
Y	224.306 {450}	Linear	None	Blank
Y	371.030 {91}	Linear	None	Blank
Y	371.030 {91}	Linear	None	Blank
Zn	213.856 {458}	Linear	None	Blank

200.7 6010B (Ca)

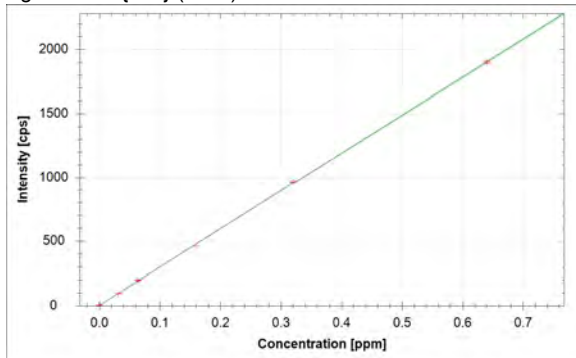
2/1/2022 9:20:44 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Ag 328.068 {103} (Axial)



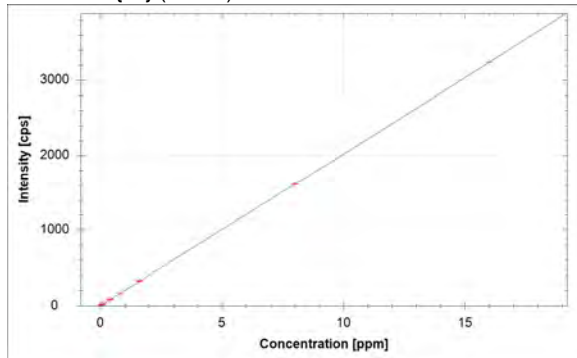
$$f(x) = 2969.2099x + 2.1981$$

$$R^2 = 0.9998$$

$$\text{BEC} = 0.001 \text{ ppm}$$

$$\text{LoD} = 0.0029 \text{ ppm}$$

Al 396.152 {85} (Radial)



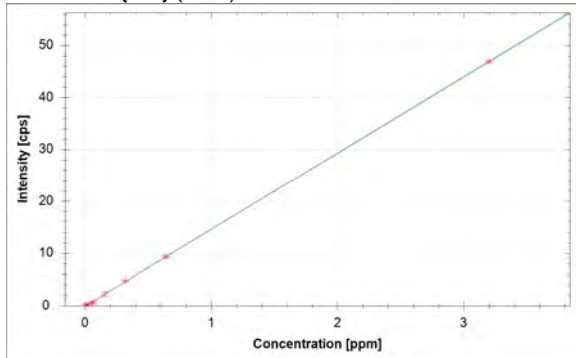
$$f(x) = 0.1637x^2 + 199.7704x + 0.8490$$

$$R^2 = 1.0000$$

$$\text{BEC} = 1220.185 \text{ ppm}$$

$$\text{LoD} = \text{N/A}$$

As 189.042 {478} (Axial)



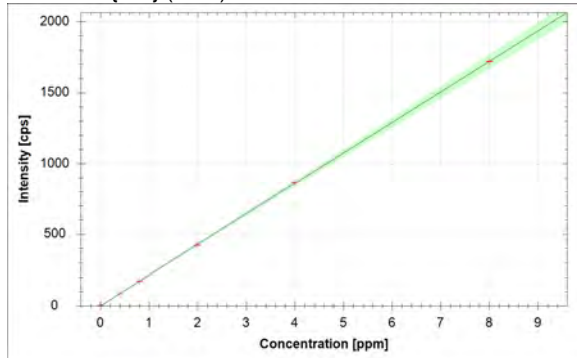
$$f(x) = 14.6738x + -0.0544$$

$$R^2 = 1.0000$$

$$\text{BEC} = -0.004 \text{ ppm}$$

$$\text{LoD} = 0.0374 \text{ ppm}$$

B 208.959 {461} (Axial)



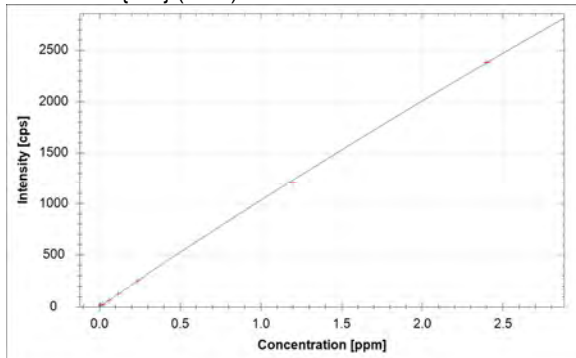
$$f(x) = -0.0377x^2 + 215.4362x + -1.3421$$

$$R^2 = 1.0000$$

$$\text{BEC} = -0.006 \text{ ppm}$$

$$\text{LoD} = \text{N/A}$$

Ba 233.527 {445} (Axial)



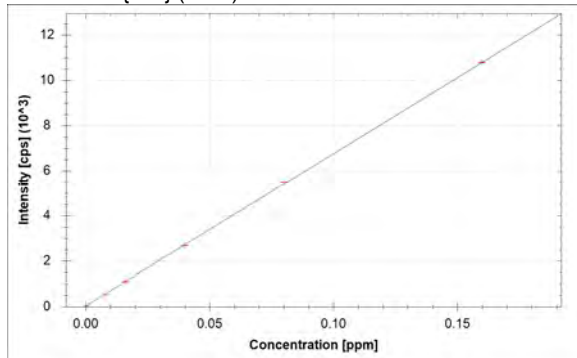
$$f(x) = -29.7589x^2 + 1062.6218x + 0.4763$$

$$R^2 = 0.9998$$

$$\text{BEC} = 0.000 \text{ ppm}$$

$$\text{LoD} = \text{N/A}$$

Be 313.042 {108} (Axial)



$$f(x) = 67263.2641x + 29.3940$$

$$R^2 = 0.9999$$

$$\text{BEC} = 0.000 \text{ ppm}$$

$$\text{LoD} = 0.0001 \text{ ppm}$$

200.7 6010B (Ca)

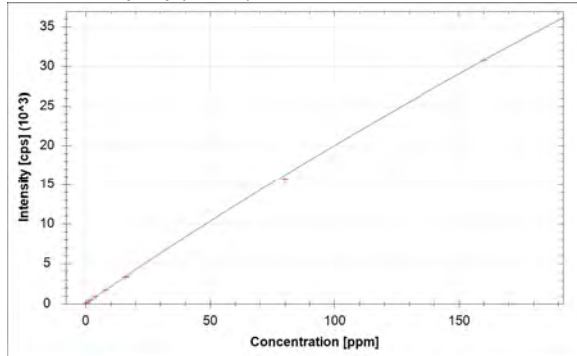
2/1/2022 9:20:44 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Ca 317.933 {106} (Radial)



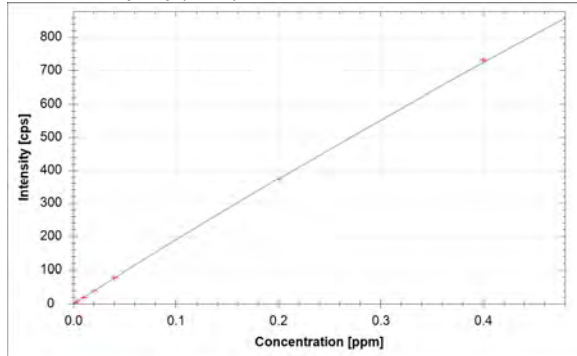
$$f(x) = -0.1215x^2 + 211.3350x + 72.3478$$

$$R^2 = 0.9996$$

BEC = 0.342 ppm

LoD = N/A

Cd 226.502 {449} (Axial)



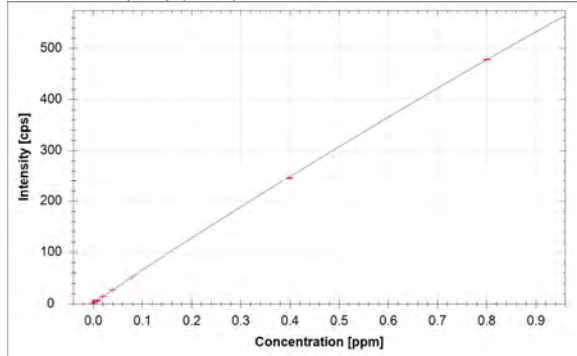
$$f(x) = -287.7118x^2 + 1924.7371x - 0.0549$$

$$R^2 = 0.9999$$

BEC = 0.000 ppm

LoD = N/A

Co 228.616 {447} (Axial)



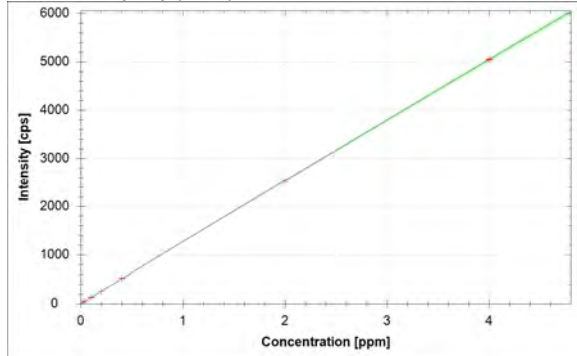
$$f(x) = -54.7814x^2 + 638.3665x + 1.7395$$

$$R^2 = 1.0000$$

BEC = 0.003 ppm

LoD = N/A

Cr 267.716 {126} (Axial)



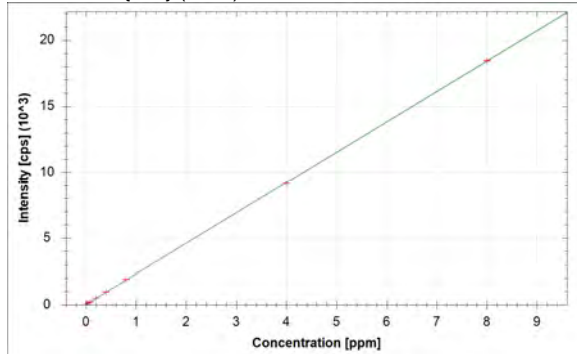
$$f(x) = -4.3859x^2 + 1278.9587x + 1.9704$$

$$R^2 = 1.0000$$

BEC = 0.002 ppm

LoD = N/A

Cu 327.396 {103} (Axial)



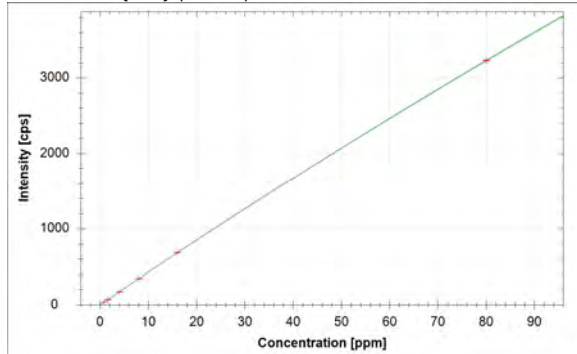
$$f(x) = 2299.3021x + 22.7565$$

$$R^2 = 1.0000$$

BEC = 0.010 ppm

LoD = 0.0006 ppm

Fe 261.187 {129} (Radial)



$$f(x) = -0.0350x^2 + 43.1487x + 0.3568$$

$$R^2 = 1.0000$$

BEC = 0.008 ppm

LoD = N/A

200.7 6010B (Ca)

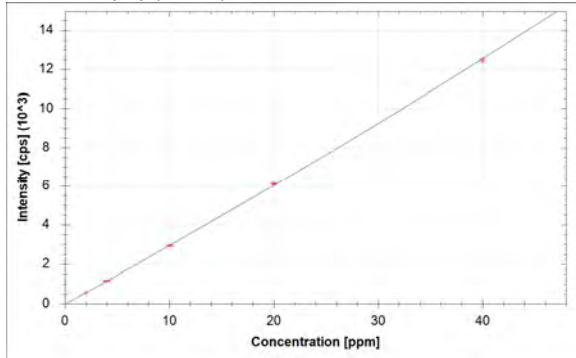
2/1/2022 9:20:44 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D

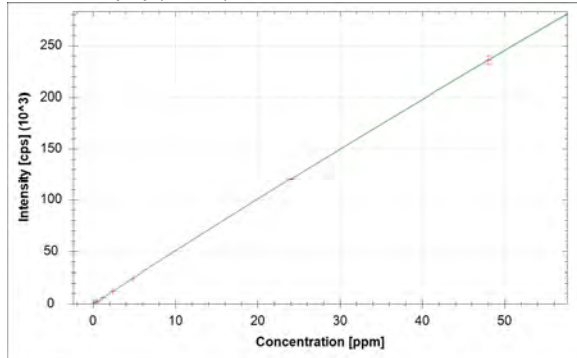


K 766.490 {44} (Radial)



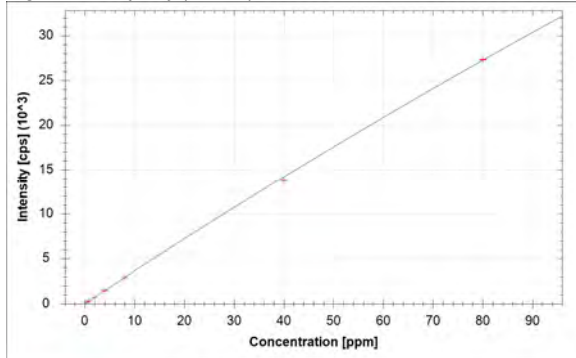
$f(x) = 0.5716x^2 + 291.3193x - 25.7528$
 $R^2 = 0.9999$
BEC = 509.729 ppm
LoD = N/A

Li 670.784 {50} (Radial)



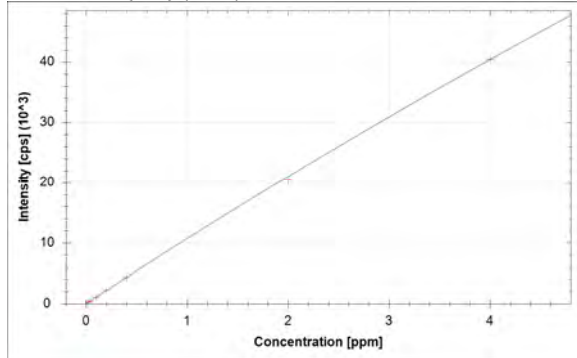
$f(x) = -4.4194x^2 + 5128.8464x - 120.8265$
 $R^2 = 1.0000$
BEC = -0.024 ppm
LoD = N/A

Mg 285.213 {118} (Radial)



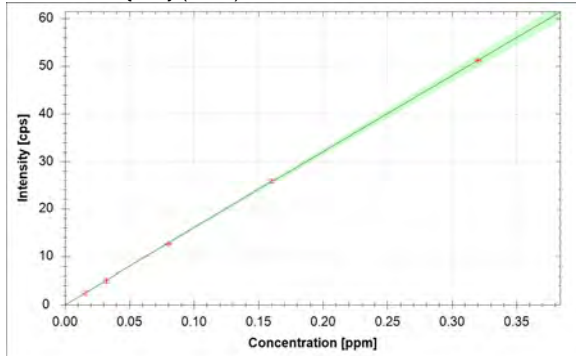
$f(x) = -0.3351x^2 + 367.6425x + 1.7407$
 $R^2 = 0.9998$
BEC = 0.005 ppm
LoD = N/A

Mn 257.610 {131} (Axial)



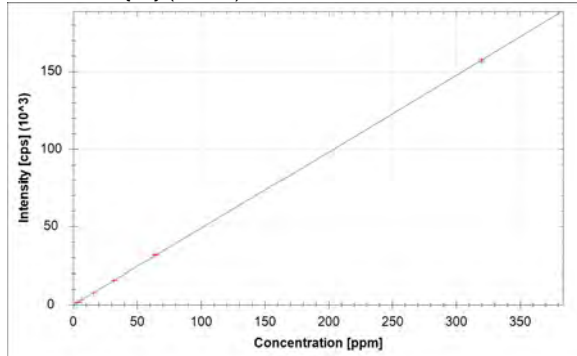
$f(x) = -198.2991x^2 + 10894.2452x + 8.1514$
 $R^2 = 0.9998$
BEC = 0.001 ppm
LoD = N/A

Mo 204.598 {465} (Axial)



$f(x) = -3.8413x^2 + 161.4580x - 0.0556$
 $R^2 = 0.9999$
BEC = 0.000 ppm
LoD = N/A

Na 589.592 {57} (Radial)



$f(x) = 0.0133x^2 + 487.4853x - 0.2389$
 $R^2 = 1.0000$
BEC = 36780.075 ppm
LoD = N/A

200.7 6010B (Cal)

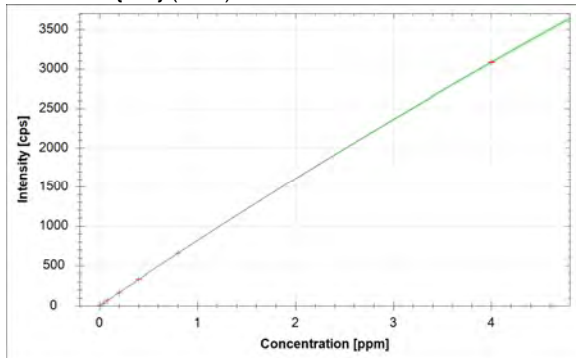
2/1/2022 9:20:44 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Ni 221.647 {452} (Axial)



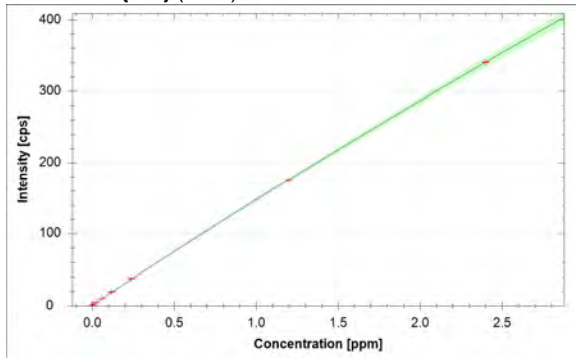
$$f(x) = -15.6593x^2 + 833.7905x + 0.3995$$

$$R^2 = 1.0000$$

BEC = 0.000 ppm

LoD = N/A

Pb 220.353 {453} (Axial)



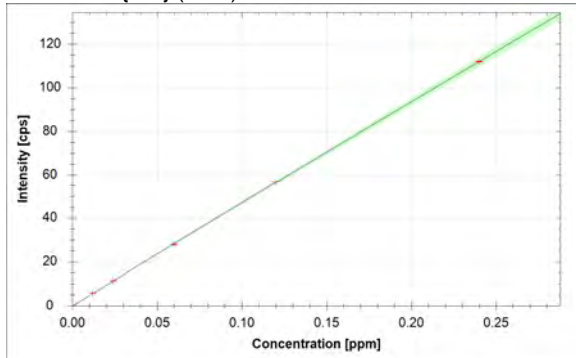
$$f(x) = -3.6032x^2 + 150.1430x + 0.8516$$

$$R^2 = 1.0000$$

BEC = 0.006 ppm

LoD = N/A

Sb 206.833 {463} (Axial)



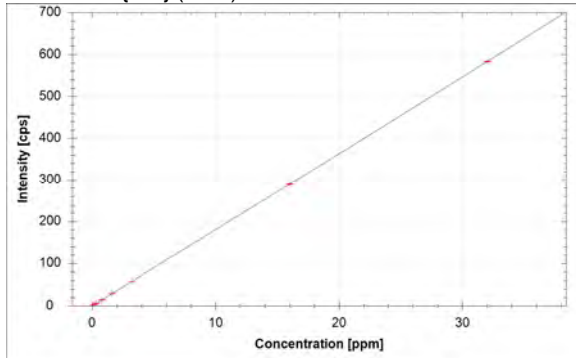
$$f(x) = -32.0436x^2 + 474.9301x + -0.1016$$

$$R^2 = 1.0000$$

BEC = 0.000 ppm

LoD = N/A

Se 196.090 {472} (Axial)



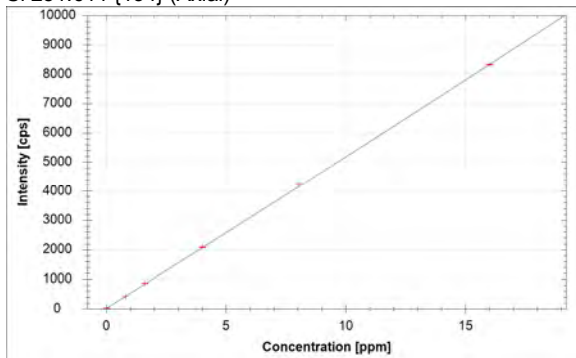
$$f(x) = 0.0077x^2 + 17.9730x + -0.0738$$

$$R^2 = 1.0000$$

BEC = 2322.696 ppm

LoD = N/A

Si 251.611 {134} (Axial)



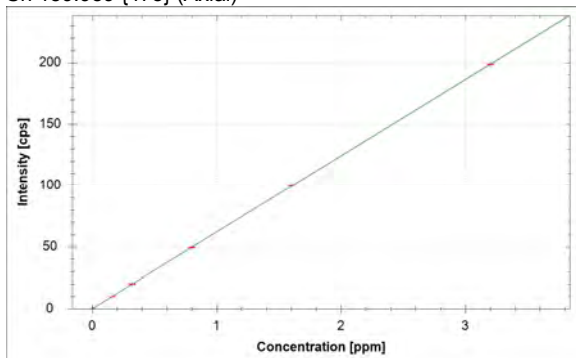
$$f(x) = 0.5941x^2 + 510.1881x + 15.5692$$

$$R^2 = 0.9997$$

BEC = 858.786 ppm

LoD = N/A

Sn 189.989 {478} (Axial)



$$f(x) = 62.1001x + 0.0266$$

$$R^2 = 1.0000$$

BEC = 0.000 ppm

LoD = 0.0090 ppm

200.7 6010B (Cal)

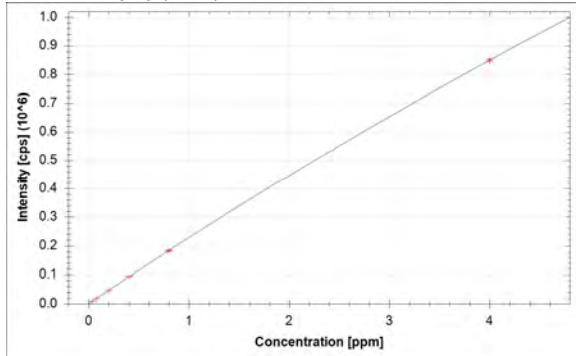
2/1/2022 9:20:44 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Sr 421.552 {80} (Axial)



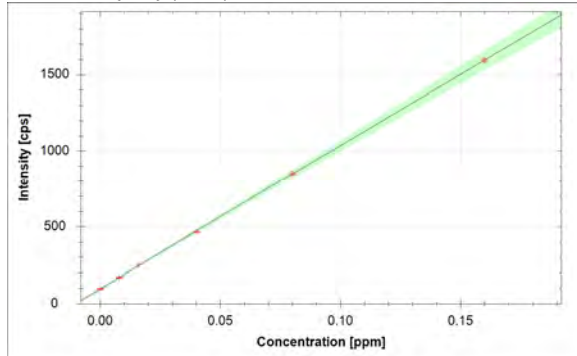
$$f(x) = -5311.9817x^2 + 233685.3540x + 7.7449$$

$$R^2 = 1.0000$$

$$\text{BEC} = 0.000 \text{ ppm}$$

$$\text{LoD} = \text{N/A}$$

Ti 323.452 {104} (Axial)



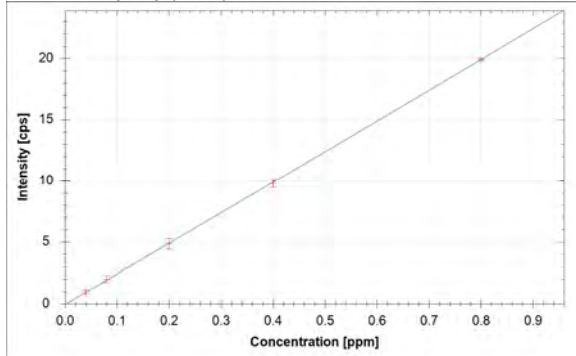
$$f(x) = -449.5979x^2 + 9441.7389x + 95.4447$$

$$R^2 = 0.9999$$

$$\text{BEC} = 0.010 \text{ ppm}$$

$$\text{LoD} = \text{N/A}$$

Tl 190.856 {477} (Axial)



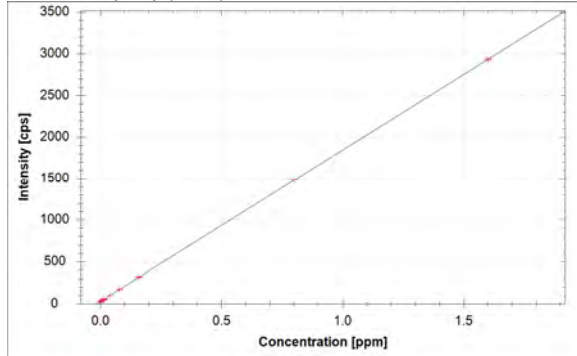
$$f(x) = 0.2557x^2 + 24.7679x + -0.0760$$

$$R^2 = 0.9998$$

$$\text{BEC} = 96.852 \text{ ppm}$$

$$\text{LoD} = \text{N/A}$$

V 290.882 {116} (Axial)



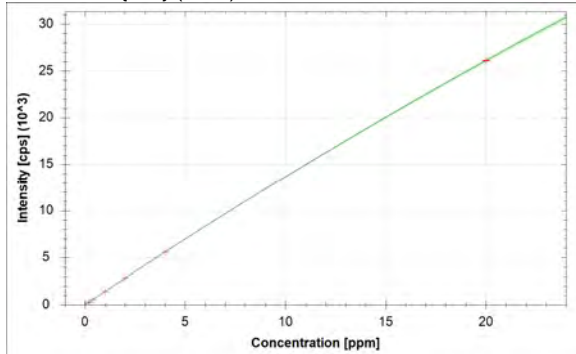
$$f(x) = 1816.1917x + 26.1067$$

$$R^2 = 1.0000$$

$$\text{BEC} = 0.014 \text{ ppm}$$

$$\text{LoD} = 0.0051 \text{ ppm}$$

Zn 213.856 {458} (Axial)



$$f(x) = -6.1138x^2 + 1427.8525x + -3.5474$$

$$R^2 = 1.0000$$

$$\text{BEC} = -0.002 \text{ ppm}$$

$$\text{LoD} = \text{N/A}$$

200.7 6010B (Concentration)

2/1/2022 9:21:07 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Sample CALB J3ICP-0136 Comments AO
Dilution Factor 1 Sample Type BLK
Analysis Date 1/31/2022 12:23:06 PM

LabBook 220131A.imexp Instruments iCAP OES, ASX-560

LabBook summary

Acquired by LAB-AELLAB\Jax-ulCP2 Date 1/31/2022 1:59:12 PM
Last changed by LAB-AELLAB\Jax-ulCP2 Date 2/1/2022 8:56:10 AM
Configuration iCAP ASX 560 Template 220128A-WATERS

Analyte List	Concentration average	Concentration RSD	Intensity average
K 766.490 {44} (Radial)	0.04776 ppm	N/A	-12 cps
Co 228.616 {447} (Axial)	-0.00090 ppm	N/A	1 cps
Ag 328.068 {103} (Axial)	0.00000 ppm	1.3 %	2 cps
Zn 213.856 {458} (Axial)	0.00802 ppm	N/A	8 cps
Pb 220.353 {453} (Axial)	-0.00309 ppm	N/A	0 cps
As 189.042 {478} (Axial)	0.00808 ppm	154.5 %	0 cps
Si 251.611 {134} (Axial)	0.00235 ppm	N/A	17 cps
Tl 190.856 {477} (Axial)	-0.00842 ppm	N/A	0 cps
Se 196.090 {472} (Axial)	0.00772 ppm	N/A	0 cps
Al 396.152 {85} (Radial)	-0.00090 ppm	N/A	1 cps
B 208.959 {461} (Axial)	0.01142 ppm	N/A	1 cps
Ba 233.527 {445} (Axial)	-0.00033 ppm	N/A	0 cps
Ca 317.933 {106} (Radial)	0.01421 ppm	N/A	75 cps
Cd 226.502 {449} (Axial)	-0.00020 ppm	N/A	0 cps
Cr 267.716 {126} (Axial)	-0.00203 ppm	N/A	-1 cps
Fe 261.187 {129} (Radial)	0.00000 ppm	N/A	0 cps
Na 589.592 {57} (Radial)	0.00000 ppm	N/A	0 cps
Y 371.030 {91} (Radial)	100.00000 %	N/A	17,542 cps
Be 313.042 {108} (Axial)	0.00000 ppm	0.1 %	29 cps
Sr 421.552 {80} (Axial)	0.00000 ppm	N/A	8 cps
Ti 323.452 {104} (Axial)	-0.00003 ppm	N/A	95 cps
V 290.882 {116} (Axial)	-0.00147 ppm	116.0 %	23 cps
Mn 257.610 {131} (Axial)	-0.00002 ppm	N/A	8 cps
Mo 204.598 {465} (Axial)	0.00000 ppm	N/A	0 cps
Ni 221.647 {452} (Axial)	0.00044 ppm	N/A	1 cps
Cu 327.396 {103} (Axial)	-0.00283 ppm	7.5 %	16 cps
Sb 206.833 {463} (Axial)	0.00000 ppm	N/A	0 cps
Y 371.030 {91} (Axial)	100.00000 %	N/A	310,595 cps
Y 224.306 {450} (Axial)	100.00000 %	N/A	4,624 cps
Mg 285.213 {118} (Radial)	-0.00421 ppm	N/A	0 cps
Sn 189.989 {478} (Axial)	0.00059 ppm	511.0 %	0 cps
Li 670.784 {50} (Radial)	0.02585 ppm	N/A	12 cps

200.7 6010B (Concentration)

2/1/2022 9:21:07 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Sample ICAL1 J3ICP-0138 Comments AO
 Dilution Factor 1 Sample Type STD
 Analysis Date 1/31/2022 12:27:30 PM

LabBook 220131A.imexp Instruments iCAP OES, ASX-560

LabBook summary

Acquired by LAB-AELLAB\Jax-ulCP2 Date 1/31/2022 1:59:12 PM
 Last changed by LAB-AELLAB\Jax-ulCP2 Date 2/1/2022 8:56:10 AM
 Configuration iCAP ASX 560 Template 220128A-WATERS

Analyte List	Concentration average	Concentration RSD	RSE	Intensity average
K 766.490 {44} (Radial)	1.96851 ppm	N/A	1.6 %	553 cps
Co 228.616 {447} (Axial)	0.00344 ppm	N/A	7.2 %	4 cps
Ag 328.068 {103} (Axial)	0.03078 ppm	0.6 %	3.2 %	95 cps
Zn 213.856 {458} (Axial)	0.19611 ppm	N/A	1.4 %	279 cps
Pb 220.353 {453} (Axial)	0.00747 ppm	N/A	19.1 %	2 cps
As 189.042 {478} (Axial)	0.02965 ppm	49.9 %	9.1 %	0 cps
Si 251.611 {134} (Axial)	0.79677 ppm	N/A	3.3 %	427 cps
Tl 190.856 {477} (Axial)	0.04242 ppm	N/A	5.1 %	1 cps
Se 196.090 {472} (Axial)	0.17501 ppm	N/A	4.9 %	3 cps
Al 396.152 {85} (Radial)	0.05459 ppm	N/A	16.1 %	12 cps
B 208.959 {461} (Axial)	0.39733 ppm	N/A	1.2 %	85 cps
Ba 233.527 {445} (Axial)	0.01153 ppm	N/A	2.4 %	13 cps
Ca 317.933 {106} (Radial)	0.75702 ppm	N/A	3.3 %	234 cps
Cd 226.502 {449} (Axial)	0.00158 ppm	N/A	10.7 %	3 cps
Cr 267.716 {126} (Axial)	0.01620 ppm	N/A	9.7 %	23 cps
Fe 261.187 {129} (Radial)	0.79797 ppm	N/A	1.1 %	35 cps
Na 589.592 {57} (Radial)	3.14202 ppm	N/A	1.7 %	1,540 cps
Y 371.030 {91} (Radial)	100.57725 %	N/A	0.0 %	17,643 cps
Be 313.042 {108} (Axial)	0.00765 ppm	0.2 %	2.8 %	550 cps
Sr 421.552 {80} (Axial)	0.03851 ppm	N/A	2.5 %	9,100 cps
Ti 323.452 {104} (Axial)	0.00788 ppm	N/A	3.2 %	172 cps
V 290.882 {116} (Axial)	0.00728 ppm	16.8 %	4.3 %	40 cps
Mn 257.610 {131} (Axial)	0.01876 ppm	N/A	3.5 %	215 cps
Mo 204.598 {465} (Axial)	0.01593 ppm	N/A	2.3 %	3 cps
Ni 221.647 {452} (Axial)	0.04004 ppm	N/A	0.8 %	34 cps
Cu 327.396 {103} (Axial)	0.03518 ppm	1.1 %	5.7 %	105 cps
Sb 206.833 {463} (Axial)	0.01255 ppm	N/A	3.6 %	6 cps
Y 371.030 {91} (Axial)	101.11395 %	N/A	0.0 %	314,055 cps
Y 224.306 {450} (Axial)	100.88870 %	N/A	0.0 %	4,665 cps
Mg 285.213 {118} (Radial)	0.39574 ppm	N/A	1.7 %	148 cps
Sn 189.989 {478} (Axial)	0.15786 ppm	1.0 %	1.0 %	10 cps
Li 670.784 {50} (Radial)	0.25095 ppm	N/A	2.8 %	1,166 cps

200.7 6010B (Concentration)

2/1/2022 9:21:07 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Sample ICAL2 J3ICP-0103 Comments AO
Dilution Factor 1 Sample Type STD
Analysis Date 1/31/2022 12:31:56 PM

LabBook 220131A.imexp Instruments iCAP OES, ASX-560

LabBook summary

Acquired by LAB-AELLAB\Jax-ulCP2 Date 1/31/2022 1:59:12 PM
Last changed by LAB-AELLAB\Jax-ulCP2 Date 2/1/2022 8:56:10 AM
Configuration iCAP ASX 560 Template 220128A-WATERS

Analyte List	Concentration average	Concentration RSD	RSE	Intensity average
K 766.490 {44} (Radial)	4.02991 ppm	N/A	1.6 %	1,170 cps
Co 228.616 {447} (Axial)	0.00779 ppm	N/A	7.2 %	7 cps
Ag 328.068 {103} (Axial)	0.06520 ppm	2.1 %	3.2 %	195 cps
Zn 213.856 {458} (Axial)	0.39507 ppm	N/A	1.4 %	567 cps
Pb 220.353 {453} (Axial)	0.02281 ppm	N/A	19.1 %	4 cps
As 189.042 {478} (Axial)	0.05355 ppm	29.7 %	9.1 %	1 cps
Si 251.611 {134} (Axial)	1.65859 ppm	N/A	3.3 %	862 cps
Tl 190.856 {477} (Axial)	0.08300 ppm	N/A	5.1 %	2 cps
Se 196.090 {472} (Axial)	0.32539 ppm	N/A	4.9 %	6 cps
Al 396.152 {85} (Radial)	0.15769 ppm	N/A	16.1 %	33 cps
B 208.959 {461} (Axial)	0.80205 ppm	N/A	1.2 %	174 cps
Ba 233.527 {445} (Axial)	0.02416 ppm	N/A	2.4 %	26 cps
Ca 317.933 {106} (Radial)	1.61569 ppm	N/A	3.3 %	418 cps
Cd 226.502 {449} (Axial)	0.00395 ppm	N/A	10.7 %	8 cps
Cr 267.716 {126} (Axial)	0.03904 ppm	N/A	9.7 %	52 cps
Fe 261.187 {129} (Radial)	1.59761 ppm	N/A	1.1 %	70 cps
Na 589.592 {57} (Radial)	6.42140 ppm	N/A	1.7 %	3,164 cps
Y 371.030 {91} (Radial)	101.06419 %	N/A	0.0 %	17,729 cps
Be 313.042 {108} (Axial)	0.01592 ppm	0.3 %	2.8 %	1,098 cps
Sr 421.552 {80} (Axial)	0.07977 ppm	N/A	2.5 %	18,578 cps
Ti 323.452 {104} (Axial)	0.01660 ppm	N/A	3.2 %	252 cps
V 290.882 {116} (Axial)	0.01621 ppm	17.3 %	4.3 %	55 cps
Mn 257.610 {131} (Axial)	0.04004 ppm	N/A	3.5 %	443 cps
Mo 204.598 {465} (Axial)	0.03119 ppm	N/A	2.3 %	5 cps
Ni 221.647 {452} (Axial)	0.08013 ppm	N/A	0.8 %	68 cps
Cu 327.396 {103} (Axial)	0.08036 ppm	2.1 %	5.7 %	207 cps
Sb 206.833 {463} (Axial)	0.02433 ppm	N/A	3.6 %	12 cps
Y 371.030 {91} (Axial)	99.79272 %	N/A	0.0 %	309,951 cps
Y 224.306 {450} (Axial)	101.24843 %	N/A	0.0 %	4,682 cps
Mg 285.213 {118} (Radial)	0.80585 ppm	N/A	1.7 %	301 cps
Sn 189.989 {478} (Axial)	0.32116 ppm	1.2 %	1.0 %	20 cps
Li 670.784 {50} (Radial)	0.48870 ppm	N/A	2.8 %	2,385 cps

200.7 6010B (Concentration)

2/1/2022 9:21:07 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Sample ICAL3 J3ICP-0135 Comments AO
 Dilution Factor 1 Sample Type STD
 Analysis Date 1/31/2022 12:36:20 PM

LabBook 220131A.imexp Instruments iCAP OES, ASX-560

LabBook summary

Acquired by LAB-AELLAB\Jax-ulCP2 Date 1/31/2022 1:59:12 PM
 Last changed by LAB-AELLAB\Jax-ulCP2 Date 2/1/2022 8:56:10 AM
 Configuration iCAP ASX 560 Template 220128A-WATERS

Analyte List	Concentration average	Concentration RSD	RSE	Intensity average
K 766.490 {44} (Radial)	9.97930 ppm	N/A	1.6 %	2,968 cps
Co 228.616 {447} (Axial)	0.02011 ppm	N/A	7.2 %	15 cps
Ag 328.068 {103} (Axial)	0.15443 ppm	0.2 %	3.2 %	459 cps
Zn 213.856 {458} (Axial)	0.99253 ppm	N/A	1.4 %	1,415 cps
Pb 220.353 {453} (Axial)	0.06097 ppm	N/A	19.1 %	10 cps
As 189.042 {478} (Axial)	0.15788 ppm	18.1 %	9.1 %	2 cps
Si 251.611 {134} (Axial)	4.03172 ppm	N/A	3.3 %	2,073 cps
Tl 190.856 {477} (Axial)	0.19791 ppm	N/A	5.1 %	5 cps
Se 196.090 {472} (Axial)	0.78555 ppm	N/A	4.9 %	14 cps
Al 396.152 {85} (Radial)	0.41367 ppm	N/A	16.1 %	84 cps
B 208.959 {461} (Axial)	1.97167 ppm	N/A	1.2 %	425 cps
Ba 233.527 {445} (Axial)	0.05949 ppm	N/A	2.4 %	64 cps
Ca 317.933 {106} (Radial)	4.02127 ppm	N/A	3.3 %	929 cps
Cd 226.502 {449} (Axial)	0.00988 ppm	N/A	10.7 %	19 cps
Cr 267.716 {126} (Axial)	0.09927 ppm	N/A	9.7 %	128 cps
Fe 261.187 {129} (Radial)	3.93061 ppm	N/A	1.1 %	171 cps
Na 589.592 {57} (Radial)	15.82207 ppm	N/A	1.7 %	7,794 cps
Y 371.030 {91} (Radial)	101.00781 %	N/A	0.0 %	17,719 cps
Be 313.042 {108} (Axial)	0.03958 ppm	0.5 %	2.8 %	2,680 cps
Sr 421.552 {80} (Axial)	0.19902 ppm	N/A	2.5 %	46,111 cps
Ti 323.452 {104} (Axial)	0.03918 ppm	N/A	3.2 %	463 cps
V 290.882 {116} (Axial)	0.03878 ppm	1.7 %	4.3 %	96 cps
Mn 257.610 {131} (Axial)	0.10033 ppm	N/A	3.5 %	1,095 cps
Mo 204.598 {465} (Axial)	0.07856 ppm	N/A	2.3 %	13 cps
Ni 221.647 {452} (Axial)	0.19750 ppm	N/A	0.8 %	165 cps
Cu 327.396 {103} (Axial)	0.19944 ppm	1.0 %	5.7 %	479 cps
Sb 206.833 {463} (Axial)	0.05910 ppm	N/A	3.6 %	28 cps
Y 371.030 {91} (Axial)	99.58186 %	N/A	0.0 %	309,296 cps
Y 224.306 {450} (Axial)	100.52189 %	N/A	0.0 %	4,648 cps
Mg 285.213 {118} (Radial)	1.99121 ppm	N/A	1.7 %	740 cps
Sn 189.989 {478} (Axial)	0.79290 ppm	0.6 %	1.0 %	50 cps
Li 670.784 {50} (Radial)	1.17078 ppm	N/A	2.8 %	5,878 cps

200.7 6010B (Concentration)

2/1/2022 9:21:07 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Sample ICAL4 J3ICP-0105 Comments AO
Dilution Factor 1 Sample Type STD
Analysis Date 1/31/2022 12:40:44 PM

LabBook 220131A.imexp Instruments iCAP OES, ASX-560

LabBook summary

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Configuration iCAP ASX 560 Template 220128A-WATERS

Analyte List	Concentration average	Concentration RSD	RSE	Intensity average
K 766.490 {44} (Radial)	20.25104 ppm	N/A	1.6 %	6,198 cps
Co 228.616 {447} (Axial)	0.04048 ppm	N/A	7.2 %	28 cps
Ag 328.068 {103} (Axial)	0.32376 ppm	0.8 %	3.2 %	951 cps
Zn 213.856 {458} (Axial)	2.01185 ppm	N/A	1.4 %	2,846 cps
Pb 220.353 {453} (Axial)	0.12270 ppm	N/A	19.1 %	19 cps
As 189.042 {478} (Axial)	0.32960 ppm	0.7 %	9.1 %	5 cps
Si 251.611 {134} (Axial)	8.21239 ppm	N/A	3.3 %	4,190 cps
Tl 190.856 {477} (Axial)	0.39711 ppm	N/A	5.1 %	10 cps
Se 196.090 {472} (Axial)	1.60981 ppm	N/A	4.9 %	29 cps
Al 396.152 {85} (Radial)	0.81742 ppm	N/A	16.1 %	167 cps
B 208.959 {461} (Axial)	4.02103 ppm	N/A	1.2 %	865 cps
Ba 233.527 {445} (Axial)	0.12095 ppm	N/A	2.4 %	129 cps
Ca 317.933 {106} (Radial)	8.02126 ppm	N/A	3.3 %	1,786 cps
Cd 226.502 {449} (Axial)	0.02017 ppm	N/A	10.7 %	39 cps
Cr 267.716 {126} (Axial)	0.20314 ppm	N/A	9.7 %	258 cps
Fe 261.187 {129} (Radial)	8.03845 ppm	N/A	1.1 %	350 cps
Na 589.592 {57} (Radial)	32.33359 ppm	N/A	1.7 %	16,009 cps
Y 371.030 {91} (Radial)	101.47888 %	N/A	0.0 %	17,801 cps
Be 313.042 {108} (Axial)	0.08120 ppm	0.6 %	2.8 %	5,420 cps
Sr 421.552 {80} (Axial)	0.40757 ppm	N/A	2.5 %	93,137 cps
Ti 323.452 {104} (Axial)	0.08042 ppm	N/A	3.2 %	841 cps
V 290.882 {116} (Axial)	0.08083 ppm	1.1 %	4.3 %	171 cps
Mn 257.610 {131} (Axial)	0.20334 ppm	N/A	3.5 %	2,186 cps
Mo 204.598 {465} (Axial)	0.16139 ppm	N/A	2.3 %	26 cps
Ni 221.647 {452} (Axial)	0.40264 ppm	N/A	0.8 %	334 cps
Cu 327.396 {103} (Axial)	0.41301 ppm	0.7 %	5.7 %	960 cps
Sb 206.833 {463} (Axial)	0.12045 ppm	N/A	3.6 %	57 cps
Y 371.030 {91} (Axial)	98.69742 %	N/A	0.0 %	306,549 cps
Y 224.306 {450} (Axial)	100.04293 %	N/A	0.0 %	4,626 cps
Mg 285.213 {118} (Radial)	4.03271 ppm	N/A	1.7 %	1,501 cps
Sn 189.989 {478} (Axial)	1.61146 ppm	0.4 %	1.0 %	100 cps
Li 670.784 {50} (Radial)	2.39073 ppm	N/A	2.8 %	12,116 cps

200.7 6010B (Concentration)

2/1/2022 9:21:07 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Sample ICAL5 J3ICP-0106 Comments AO
 Dilution Factor 1 Sample Type STD
 Analysis Date 1/31/2022 12:45:05 PM

LabBook 220131A.imexp Instruments iCAP OES, ASX-560

LabBook summary

Acquired by LAB-AELLAB\Jax-ulCP2 Date 1/31/2022 1:59:12 PM
 Last changed by LAB-AELLAB\Jax-ulCP2 Date 2/1/2022 8:56:10 AM
 Configuration iCAP ASX 560 Template 220128A-WATERS

Analyte List	Concentration average	Concentration RSD	RSE	Intensity average
K 766.490 {44} (Radial)	39.77748 ppm	N/A	1.6 %	12,584 cps
Co 228.616 {447} (Axial)	0.08083 ppm	N/A	7.2 %	52 cps
Ag 328.068 {103} (Axial)	0.63945 ppm	0.4 %	3.2 %	1,838 cps
Zn 213.856 {458} (Axial)	3.99637 ppm	N/A	1.4 %	5,543 cps
Pb 220.353 {453} (Axial)	0.24774 ppm	N/A	19.1 %	37 cps
As 189.042 {478} (Axial)	0.63733 ppm	2.7 %	9.1 %	9 cps
Si 251.611 {134} (Axial)	15.99422 ppm	N/A	3.3 %	8,054 cps
Tl 190.856 {477} (Axial)	0.80007 ppm	N/A	5.1 %	20 cps
Se 196.090 {472} (Axial)	3.22707 ppm	N/A	4.9 %	57 cps
Al 396.152 {85} (Radial)	1.63335 ppm	N/A	16.1 %	331 cps
B 208.959 {461} (Axial)	7.99650 ppm	N/A	1.2 %	1,700 cps
Ba 233.527 {445} (Axial)	0.24049 ppm	N/A	2.4 %	251 cps
Ca 317.933 {106} (Radial)	15.81630 ppm	N/A	3.3 %	3,416 cps
Cd 226.502 {449} (Axial)	0.04070 ppm	N/A	10.7 %	77 cps
Cr 267.716 {126} (Axial)	0.40655 ppm	N/A	9.7 %	504 cps
Fe 261.187 {129} (Radial)	15.99952 ppm	N/A	1.1 %	688 cps
Na 589.592 {57} (Radial)	65.10977 ppm	N/A	1.7 %	32,095 cps
Y 371.030 {91} (Radial)	100.94350 %	N/A	0.0 %	17,708 cps
Be 313.042 {108} (Axial)	0.15995 ppm	0.3 %	2.8 %	10,434 cps
Sr 421.552 {80} (Axial)	0.79564 ppm	N/A	2.5 %	176,563 cps
Ti 323.452 {104} (Axial)	0.15994 ppm	N/A	3.2 %	1,542 cps
V 290.882 {116} (Axial)	0.16218 ppm	1.7 %	4.3 %	310 cps
Mn 257.610 {131} (Axial)	0.40129 ppm	N/A	3.5 %	4,205 cps
Mo 204.598 {465} (Axial)	0.31975 ppm	N/A	2.3 %	51 cps
Ni 221.647 {452} (Axial)	0.79923 ppm	N/A	0.8 %	649 cps
Cu 327.396 {103} (Axial)	0.81706 ppm	0.5 %	5.7 %	1,839 cps
Sb 206.833 {463} (Axial)	0.23994 ppm	N/A	3.6 %	111 cps
Y 371.030 {91} (Axial)	96.71214 %	N/A	0.0 %	300,383 cps
Y 224.306 {450} (Axial)	98.88888 %	N/A	0.0 %	4,573 cps
Mg 285.213 {118} (Radial)	8.03821 ppm	N/A	1.7 %	2,963 cps
Sn 189.989 {478} (Axial)	3.19604 ppm	0.3 %	1.0 %	196 cps
Li 670.784 {50} (Radial)	4.78579 ppm	N/A	2.8 %	24,324 cps

200.7 6010B (Concentration)

2/1/2022 9:21:07 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



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Environmental Laboratories, Inc.

Sample ICAL6 J3ICP-0107 Comments AO
 Dilution Factor 1 Sample Type STD
 Analysis Date 1/31/2022 12:49:31 PM

LabBook 220131A.imexp Instruments iCAP OES, ASX-560

LabBook summary

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 Last changed by LAB-AELLAB\Jax-ulCP2 Date 2/1/2022 8:56:10 AM
 Configuration iCAP ASX 560 Template 220128A-WATERS

Analyte List	Concentration average	Concentration RSD	RSE	Intensity average
K 766.490 {44} (Radial)	N/A	N/A	1.6 %	62,772 cps
Co 228.616 {447} (Axial)	0.39554 ppm	N/A	7.2 %	231 cps
Ag 328.068 {103} (Axial)	N/A	N/A	3.2 %	-5 cps
Zn 213.856 {458} (Axial)	20.00005 ppm	N/A	1.4 %	24,555 cps
Pb 220.353 {453} (Axial)	1.19658 ppm	N/A	19.1 %	165 cps
As 189.042 {478} (Axial)	3.19991 ppm	0.6 %	9.1 %	44 cps
Si 251.611 {134} (Axial)	0.09601 ppm	N/A	3.3 %	59 cps
Tl 190.856 {477} (Axial)	N/A	N/A	5.1 %	86 cps
Se 196.090 {472} (Axial)	15.97702 ppm	N/A	4.9 %	272 cps
Al 396.152 {85} (Radial)	7.98955 ppm	N/A	16.1 %	1,597 cps
B 208.959 {461} (Axial)	N/A	N/A	1.2 %	13 cps
Ba 233.527 {445} (Axial)	1.17129 ppm	N/A	2.4 %	1,133 cps
Ca 317.933 {106} (Radial)	77.11759 ppm	N/A	3.3 %	15,543 cps
Cd 226.502 {449} (Axial)	0.19981 ppm	N/A	10.7 %	351 cps
Cr 267.716 {126} (Axial)	1.99720 ppm	N/A	9.7 %	2,329 cps
Fe 261.187 {129} (Radial)	79.99978 ppm	N/A	1.1 %	3,207 cps
Na 589.592 {57} (Radial)	319.35944 ppm	N/A	1.7 %	155,989 cps
Y 371.030 {91} (Radial)	99.33539 %	N/A	0.0 %	17,425 cps
Be 313.042 {108} (Axial)	N/A	N/A	2.8 %	48,960 cps
Sr 421.552 {80} (Axial)	4.00001 ppm	N/A	2.5 %	779,601 cps
Ti 323.452 {104} (Axial)	N/A	N/A	3.2 %	131 cps
V 290.882 {116} (Axial)	0.80083 ppm	0.2 %	4.3 %	1,358 cps
Mn 257.610 {131} (Axial)	1.94418 ppm	N/A	3.5 %	18,752 cps
Mo 204.598 {465} (Axial)	N/A	N/A	2.3 %	1 cps
Ni 221.647 {452} (Axial)	4.00001 ppm	N/A	0.8 %	2,902 cps
Cu 327.396 {103} (Axial)	3.96020 ppm	0.2 %	5.7 %	8,375 cps
Sb 206.833 {463} (Axial)	N/A	N/A	3.6 %	3 cps
Y 371.030 {91} (Axial)	91.74512 %	N/A	0.0 %	284,956 cps
Y 224.306 {450} (Axial)	94.05153 %	N/A	0.0 %	4,349 cps
Mg 285.213 {118} (Radial)	38.85235 ppm	N/A	1.7 %	13,688 cps
Sn 189.989 {478} (Axial)	N/A	N/A	1.0 %	1 cps
Li 670.784 {50} (Radial)	24.00950 ppm	N/A	2.8 %	120,473 cps

200.7 6010B (Concentration)

2/1/2022 9:21:07 AM

Instrument ID: J3A

Method: 200.7/6010B,C,D



Advanced
Environmental Laboratories, Inc.

Sample ICAL7 J3ICP-0108 Comments AO
 Dilution Factor 1 Sample Type STD
 Analysis Date 1/31/2022 12:53:49 PM

LabBook 220131A.imexp Instruments iCAP OES, ASX-560

LabBook summary

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 Configuration iCAP ASX 560 Template 220128A-WATERS

Analyte List	Concentration average	Concentration RSD	RSE	Intensity average
K 766.490 {44} (Radial)	N/A	N/A	1.6 %	124,177 cps
Co 228.616 {447} (Axial)	0.80113 ppm	N/A	7.2 %	436 cps
Ag 328.068 {103} (Axial)	N/A	N/A	3.2 %	-20 cps
Zn 213.856 {458} (Axial)	N/A	N/A	1.4 %	43,899 cps
Pb 220.353 {453} (Axial)	2.40082 ppm	N/A	19.1 %	310 cps
As 189.042 {478} (Axial)	6.59386 ppm	0.4 %	9.1 %	88 cps
Si 251.611 {134} (Axial)	N/A	N/A	3.3 %	28 cps
Tl 190.856 {477} (Axial)	N/A	N/A	5.1 %	160 cps
Se 196.090 {472} (Axial)	32.00881 ppm	N/A	4.9 %	532 cps
Al 396.152 {85} (Radial)	16.00086 ppm	N/A	16.1 %	3,174 cps
B 208.959 {461} (Axial)	N/A	N/A	1.2 %	6 cps
Ba 233.527 {445} (Axial)	2.40227 ppm	N/A	2.4 %	2,171 cps
Ca 317.933 {106} (Radial)	160.00675 ppm	N/A	3.3 %	30,154 cps
Cd 226.502 {449} (Axial)	0.40431 ppm	N/A	10.7 %	666 cps
Cr 267.716 {126} (Axial)	4.00064 ppm	N/A	9.7 %	4,451 cps
Fe 261.187 {129} (Radial)	N/A	N/A	1.1 %	6,233 cps
Na 589.592 {57} (Radial)	N/A	N/A	1.7 %	301,584 cps
Y 371.030 {91} (Radial)	97.98073 %	N/A	0.0 %	17,188 cps
Be 313.042 {108} (Axial)	N/A	N/A	2.8 %	94,151 cps
Sr 421.552 {80} (Axial)	N/A	N/A	2.5 %	1,410,840 cps
Ti 323.452 {104} (Axial)	N/A	N/A	3.2 %	144 cps
V 290.882 {116} (Axial)	1.59936 ppm	0.4 %	4.3 %	2,584 cps
Mn 257.610 {131} (Axial)	4.00011 ppm	N/A	3.5 %	35,630 cps
Mo 204.598 {465} (Axial)	N/A	N/A	2.3 %	1 cps
Ni 221.647 {452} (Axial)	N/A	N/A	0.8 %	5,444 cps
Cu 327.396 {103} (Axial)	8.01758 ppm	0.3 %	5.7 %	16,273 cps
Sb 206.833 {463} (Axial)	N/A	N/A	3.6 %	4 cps
Y 371.030 {91} (Axial)	88.16329 %	N/A	0.0 %	273,831 cps
Y 224.306 {450} (Axial)	91.15534 %	N/A	0.0 %	4,215 cps
Mg 285.213 {118} (Radial)	80.23979 ppm	N/A	1.7 %	26,792 cps
Sn 189.989 {478} (Axial)	N/A	N/A	1.0 %	0 cps
Li 670.784 {50} (Radial)	47.99771 ppm	N/A	2.8 %	235,871 cps