

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022020\
 Data File : BP001808.D
 Acq On : 20 Feb 2020 18:26
 Operator : CG/JU
 Sample : L1418-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C5B16

Quant Time: Feb 21 07:30:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 07:12:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	365195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1374107	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	593742	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.07	188	1077329	20.00	ng/ul	0.03
78) Chrysene-d12	21.14	240	1387868	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1748083	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	28994	3.30	ng/uL	0.00
5) Phenol-d5	6.83	99	591079	21.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	422875	26.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	542251	24.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	284573	13.00	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	263805	28.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	254323	30.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	473226	23.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	484873	20.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	931053	22.35	ng/ul	0.01
47) Acenaphthylene-d8	13.99	160	1340395	26.13	ng/ul	0.01
52) 4-Nitrophenol-d4	14.49	143	130596	18.00	ng/ul	0.00
58) Fluorene-d10	15.31	176	944342	25.20	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.44	200	96955	22.83	ng/ul	0.03
71) Anthracene-d10	17.17	188	1150767	24.25	ng/ul	0.03
79) Pyrene-d10	19.41	212	1480497	20.79	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.22	264	2227089	26.38	ng/ul	0.00

Target Compounds

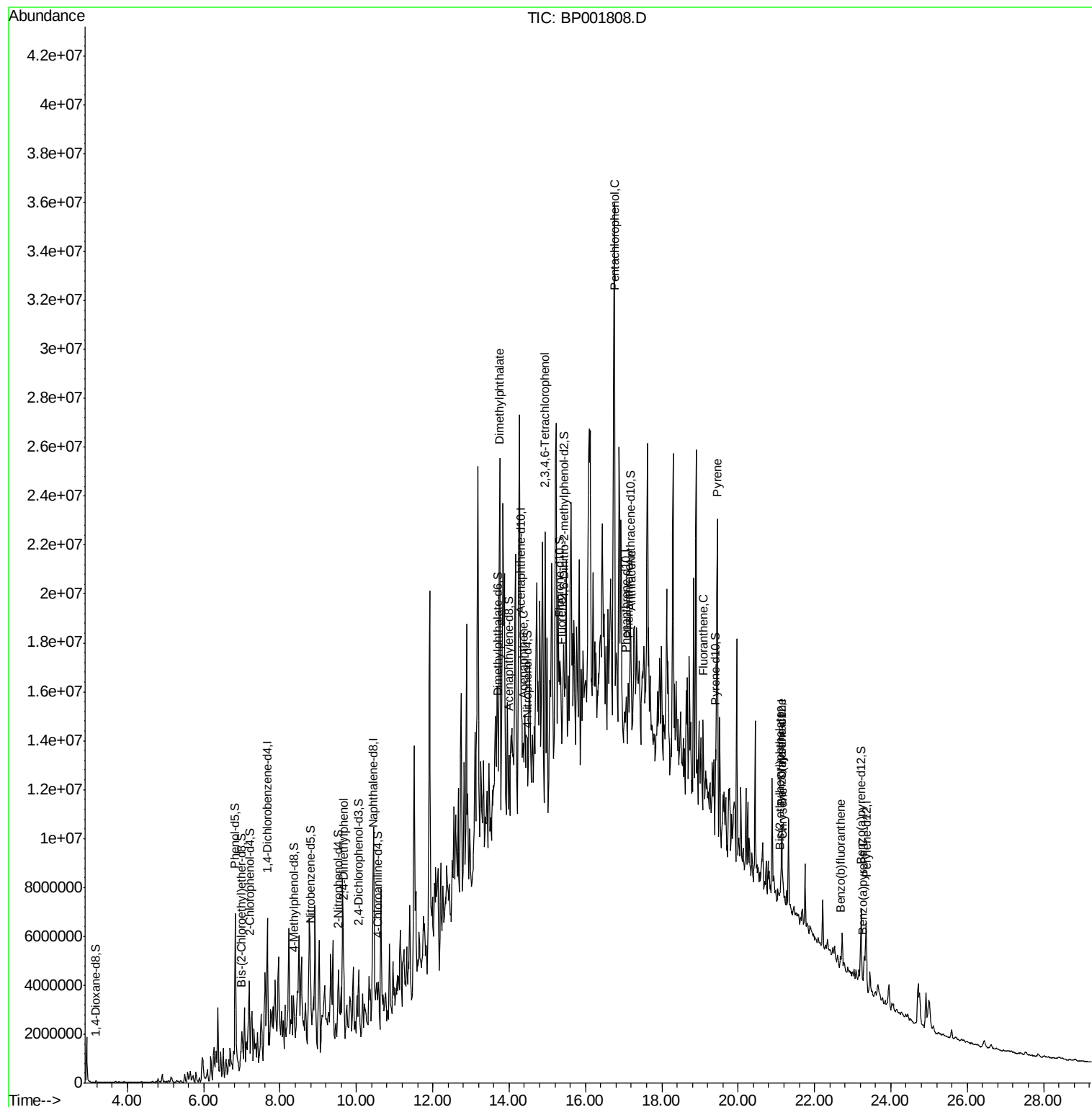
					Ovalue	
24) 2,4-Dimethylphenol	9.66	107	424403	18.747	ng/ul#	40
45) Dimethylphthalate	13.76	163	204309	4.659	ng/ul#	1
50) Acenaphthene	14.37	153	252474	6.638	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.95	232	463796	50.424	ng/ul#	71
59) Fluorene	15.36	166	210214	4.933	ng/ul#	48
69) Pentachlorophenol	16.76	266	12465468	1886.787	ng/ul	96
70) Phenanthrene	17.12	178	756380	12.731	ng/ul#	64
72) Anthracene	17.20	178	559361	9.531	ng/ul#	51
77) Fluoranthene	19.09	202	1637800	25.743	ng/ul	97
80) Pyrene	19.44	202	4114499	43.584	ng/ul#	94
83) Benzo(a)anthracene	21.13	228	515136	5.636	ng/ul#	66
84) Bis(2-ethylhexyl)phthalate	21.08	149	84119	1.732	ng/ul#	37
85) Chrysene	21.18	228	647504	7.252	ng/ul#	72
88) Benzo(b)fluoranthene	22.70	252	183903	1.788	ng/ul#	67
91) Benzo(a)pyrene	23.26	252	121779	1.263	ng/ul#	68

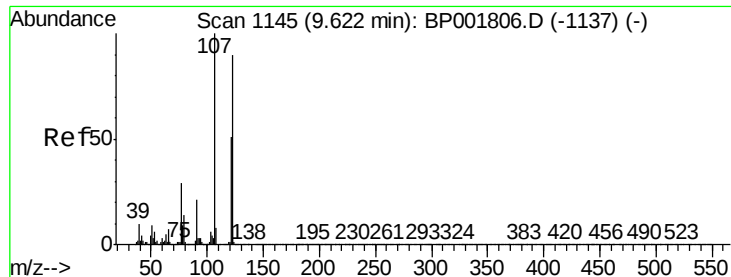
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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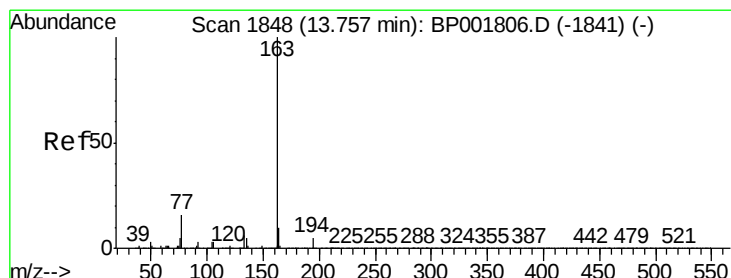
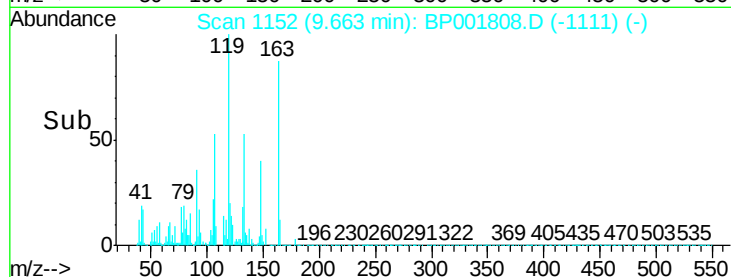
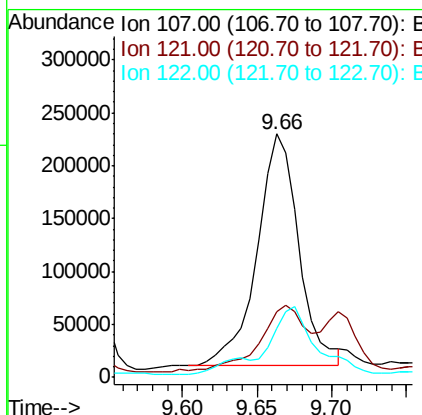
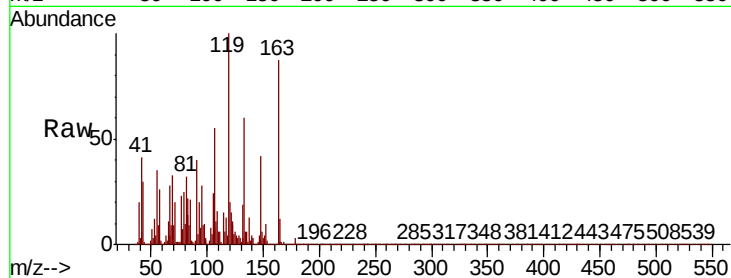




#24
2,4-Dimethylphenol
Concen: 18.747 ng/ul
RT: 9.66 min Scan# 1152
Delta R.T. 0.04 min
Lab File: BP001808.D
Acq: 20 Feb 2020 18:26

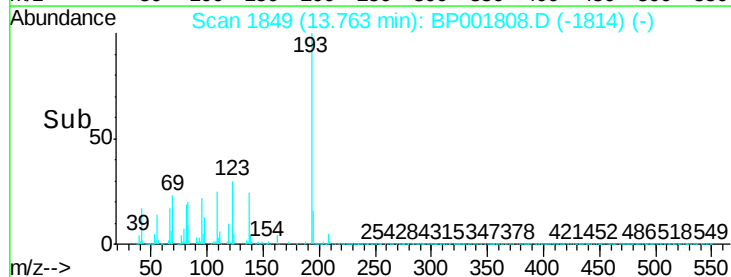
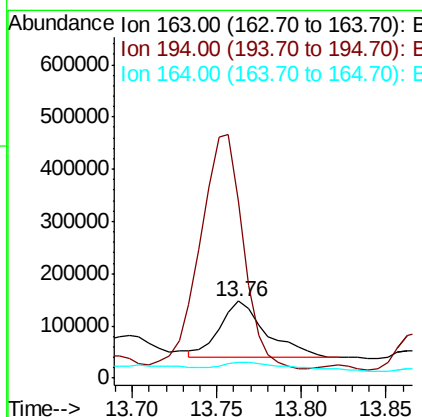
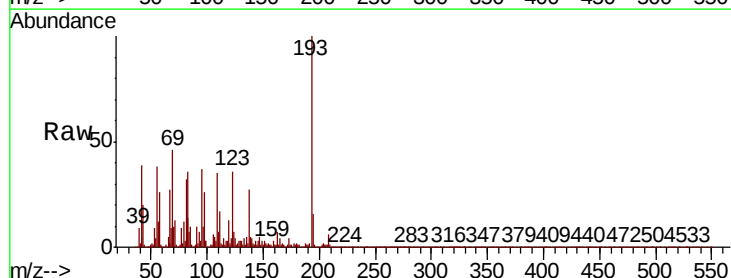
Instrument :
BNA_P
ClientSampleId :
C5B16

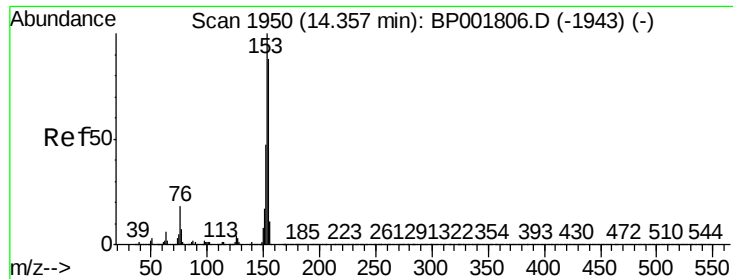
Tot Ion:107 Resp: 424403
Ion Ratio Lower Upper
107 100
121 27.0 41.8 62.6#
122 19.9 72.4 108.6#



#45
Dimethylphthalate
Concen: 4.659 ng/ul
RT: 13.76 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BP001808.D
Acq: 20 Feb 2020 18:26

Tgt Ion:163 Resp: 204309
Ion Ratio Lower Upper
163 100
194 230.5 3.5 5.3#
164 20.1 8.0 12.0#





#50

Acenaphthene

Concen: 6.638 ng/ul

RT: 14.37 min Scan# 1953

Delta R.T. 0.02 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

Instrument :

BNA_P

ClientSampleId :

C5B16

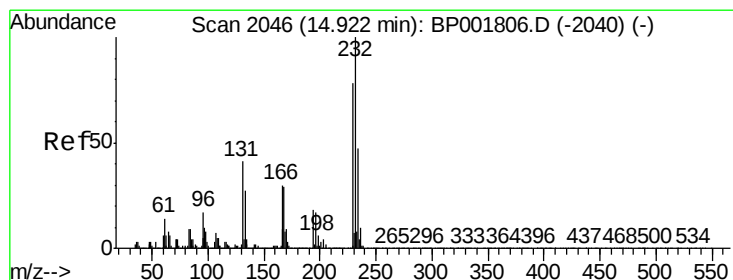
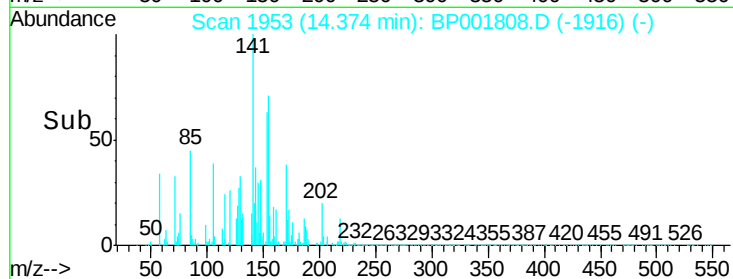
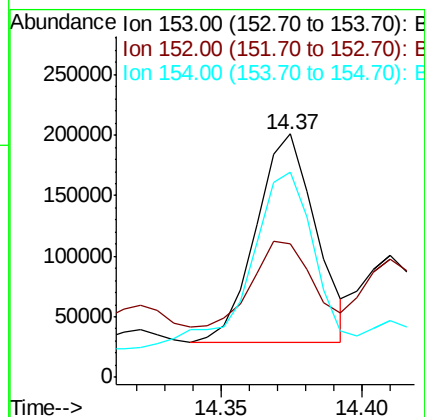
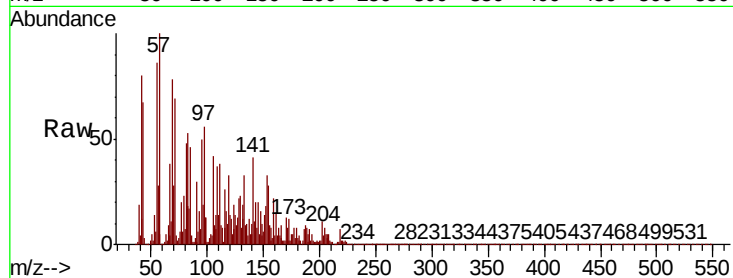
Tot Ion:153 Resp: 252474

Ion Ratio Lower Upper

153 100

152 55.1 37.8 56.8

154 84.3 71.9 107.9



#56

2,3,4,6-Tetrachlorophenol

Concen: 50.424 ng/ul

RT: 14.95 min Scan# 2050

Delta R.T. 0.02 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

Tgt Ion:232 Resp: 463796

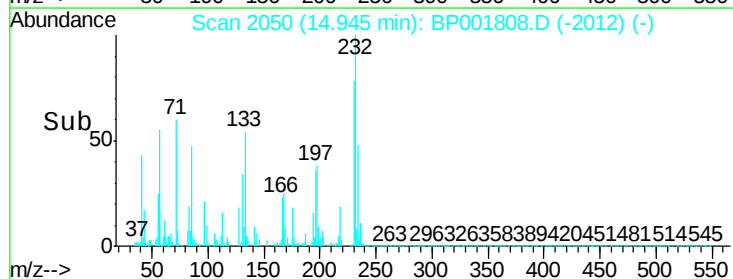
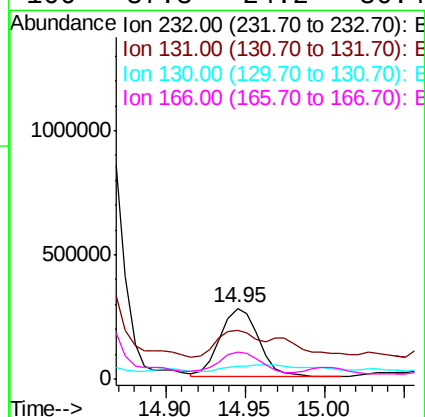
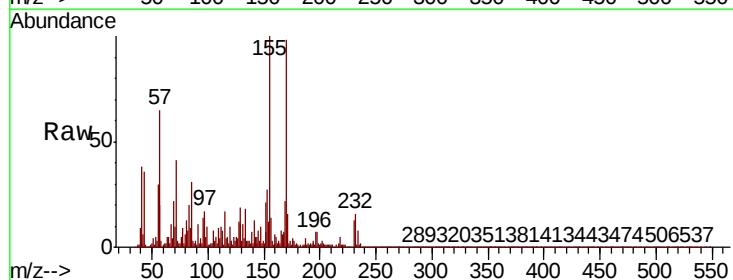
Ion Ratio Lower Upper

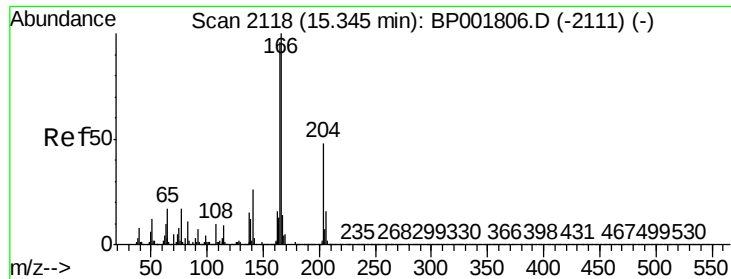
232 100

131 68.0 34.1 51.1#

130 17.8 1.8 2.6#

166 37.3 24.2 36.4#

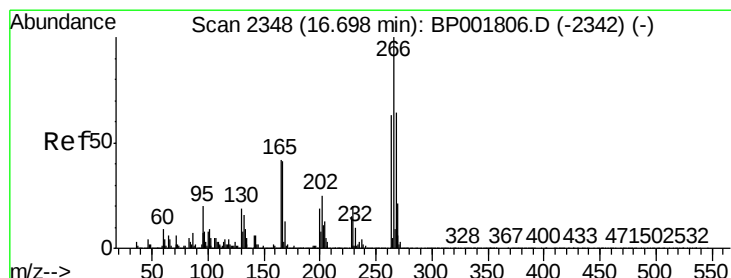
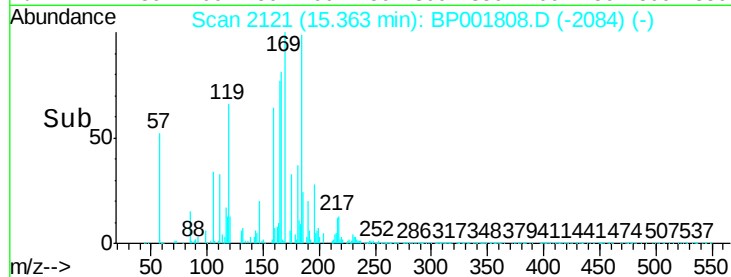
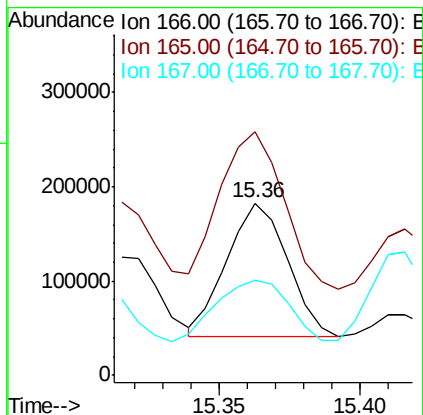
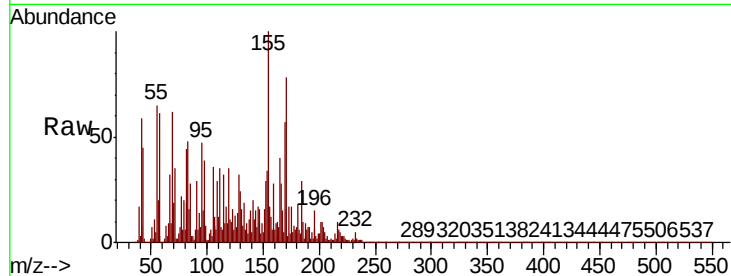




#59
Fluorene
 Concen: 4.933 ng/ul
 RT: 15.36 min Scan# 2121
 Delta R.T. 0.02 min
 Lab File: BP001808.D
 Acq: 20 Feb 2020 18:26

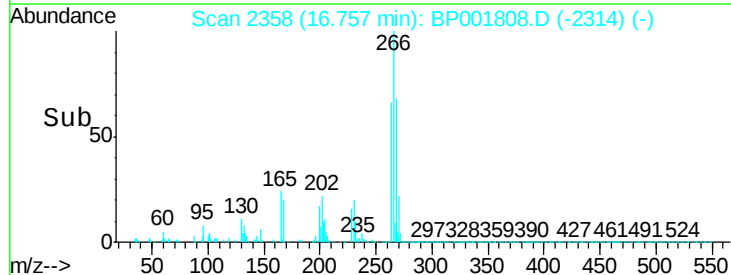
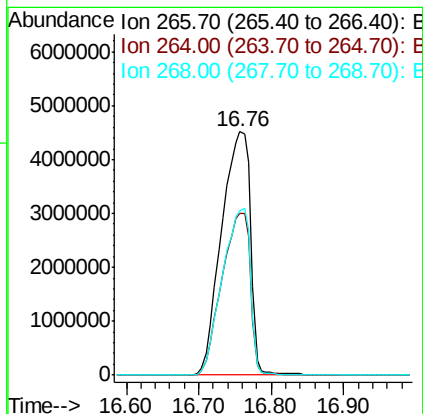
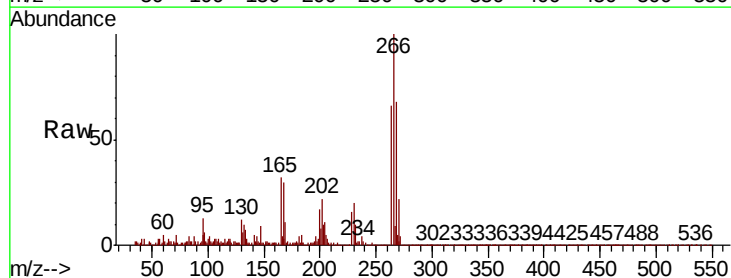
Instrument :
 BNA_P
 ClientSampleId :
 C5B16

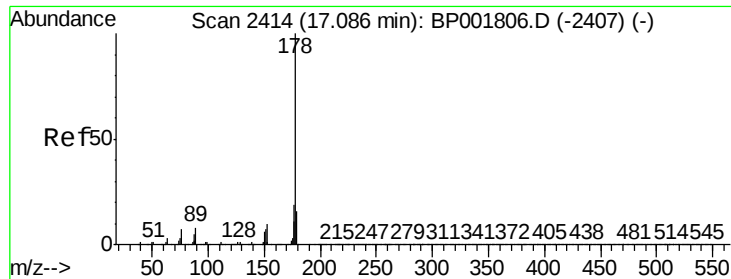
Tot Ion:166 Resp: 210214
 Ion Ratio Lower Upper
 166 100
 165 141.2 77.3 115.9#
 167 54.9 11.0 16.6#



#69
Pentachlorophenol
 Concen: 1886.787 ng/ul
 RT: 16.76 min Scan# 2358
 Delta R.T. 0.06 min
 Lab File: BP001808.D
 Acq: 20 Feb 2020 18:26

Tgt Ion:266 Resp:12465468
 Ion Ratio Lower Upper
 266 100
 264 66.5 51.1 76.7
 268 67.5 51.5 77.3





#70

Phenanthrene

Concen: 12.731 ng/ul

RT: 17.12 min Scan# 2419

Delta R.T. 0.03 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

Instrument :

BNA_P

ClientSampleId :

C5B16

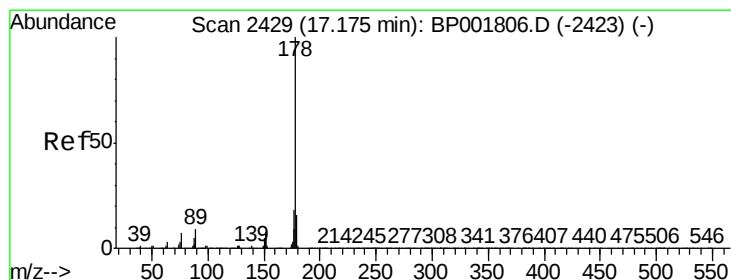
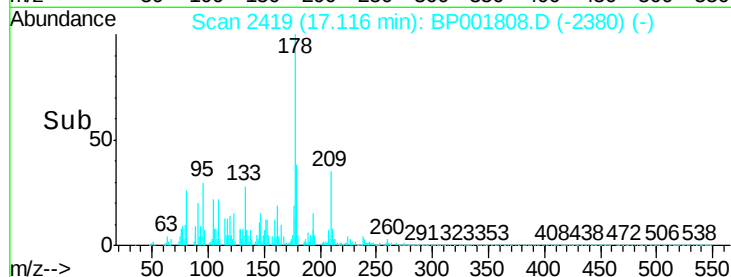
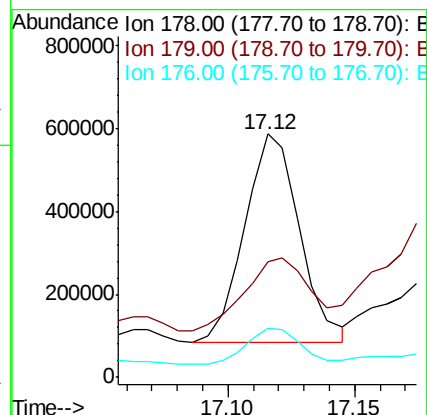
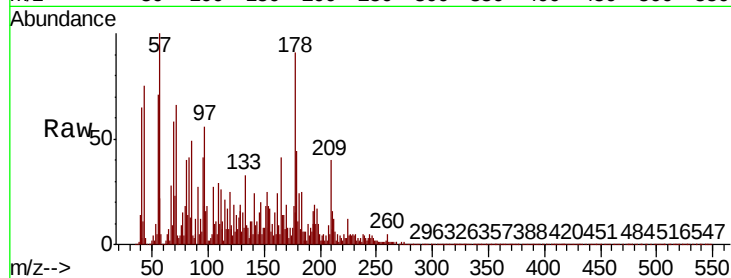
Tot Ion:178 Resp: 756380

Ion Ratio Lower Upper

178 100

179 47.7 12.3 18.5#

176 20.2 15.3 22.9



#72

Anthracene

Concen: 9.531 ng/ul

RT: 17.20 min Scan# 2434

Delta R.T. 0.03 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

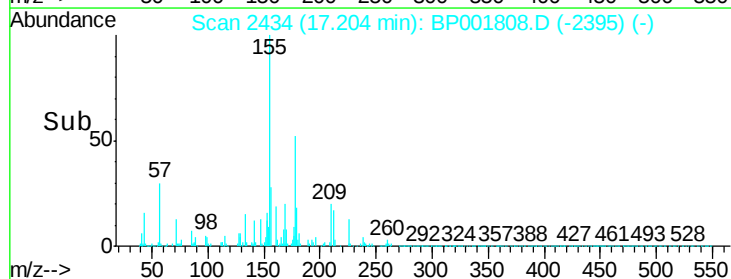
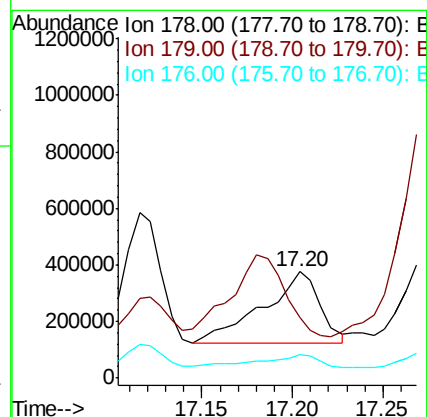
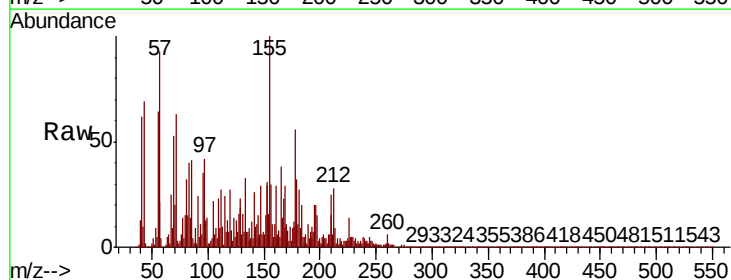
Tgt Ion:178 Resp: 559361

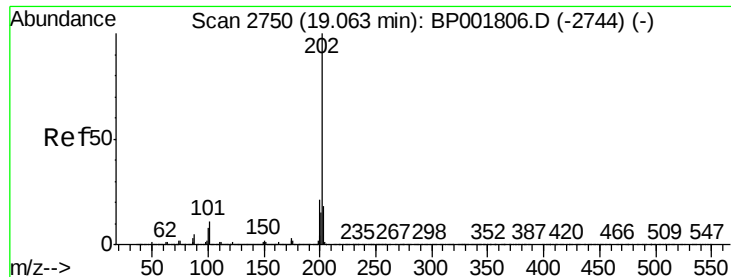
Ion Ratio Lower Upper

178 100

179 57.2 12.4 18.6#

176 21.8 14.8 22.2





#77

Fluoranthene

Concen: 25.743 ng/ul

RT: 19.09 min Scan# 2754

Delta R.T. 0.02 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

Instrument :

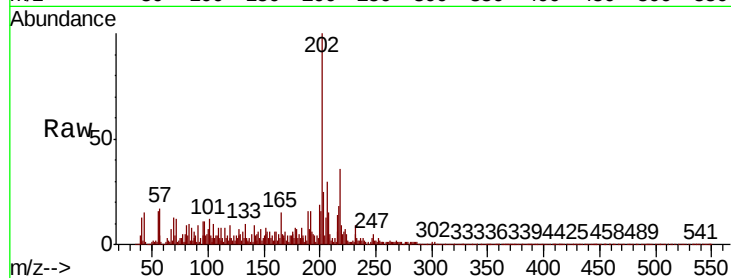
BNA_P

ClientSampleId :

C5B16

Tot Ion:202 Resp: 1637800

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.1	13.7
100	6.8	6.6	9.8



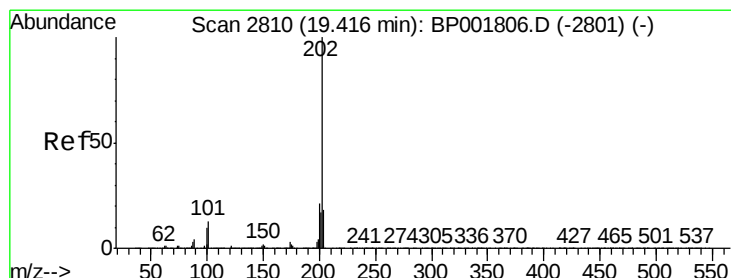
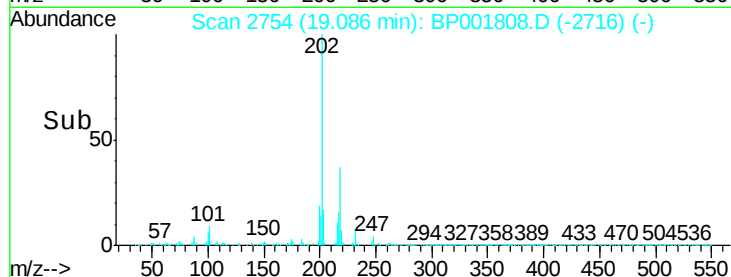
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.09

Time-->



#80

Pyrene

Concen: 43.584 ng/ul

RT: 19.44 min Scan# 2814

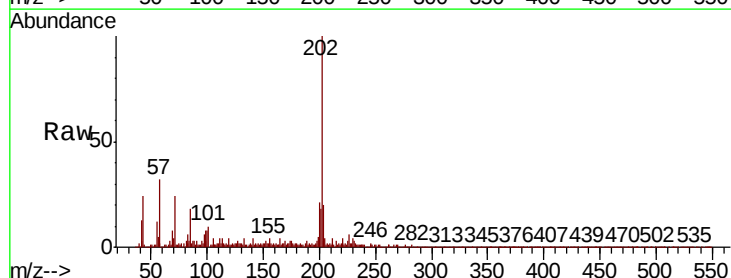
Delta R.T. 0.02 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

Tgt Ion:202 Resp: 4114499

Ion	Ratio	Lower	Upper
202	100		
101	10.0	10.2	15.2#
100	8.1	8.2	12.2#



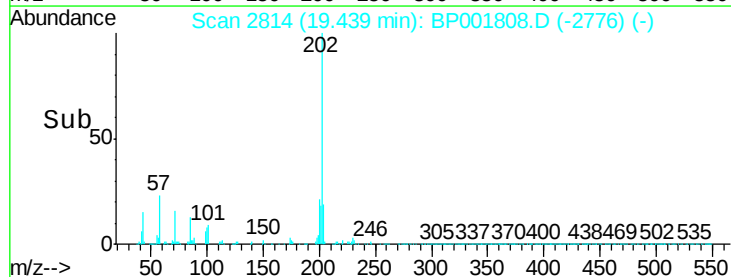
Abundance Ion 202.00 (201.70 to 202.70): E

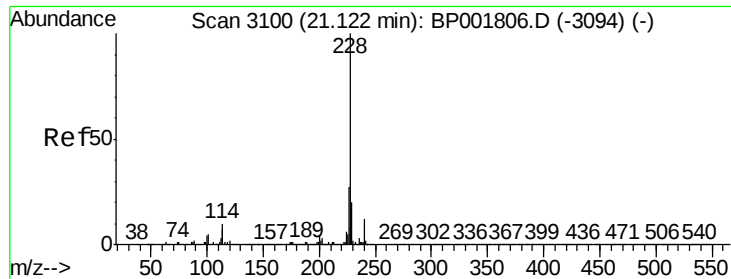
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.44

Time-->





#83

Benzo(a)anthracene

Concen: 5.636 ng/ul

RT: 21.13 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

Instrument :

BNA_P

ClientSampled :

C5B16

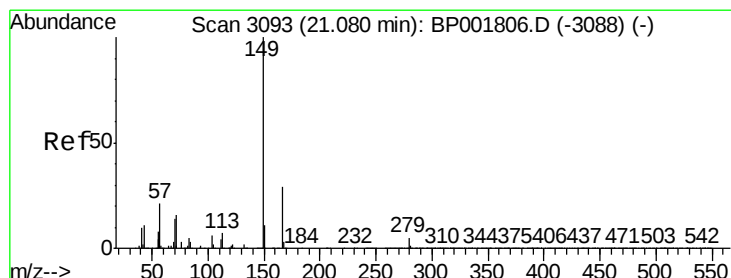
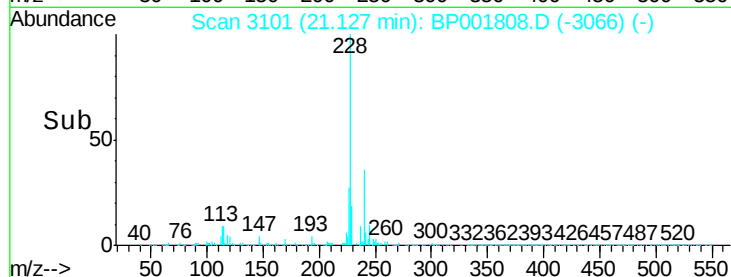
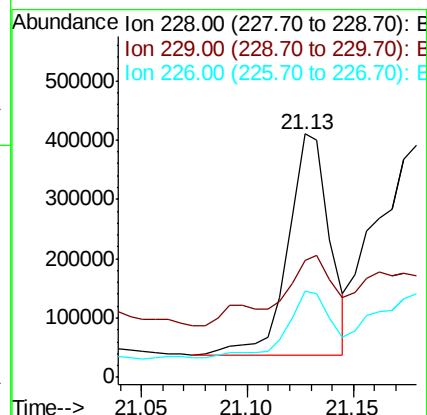
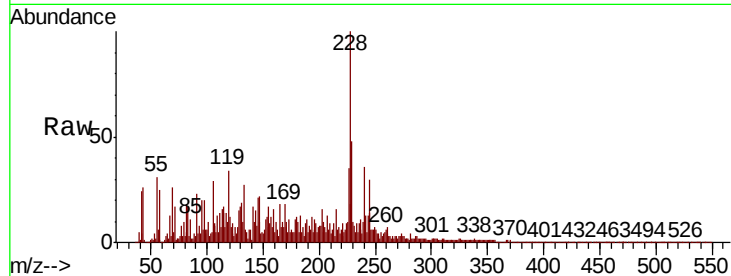
Tot Ion:228 Resp: 515136

Ion Ratio Lower Upper

228 100

229 48.1 16.2 24.4#

226 35.4 22.0 33.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.732 ng/ul

RT: 21.08 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

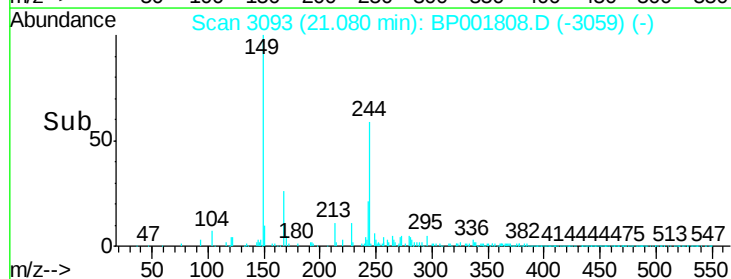
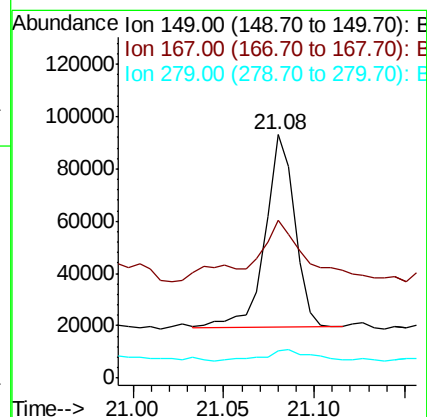
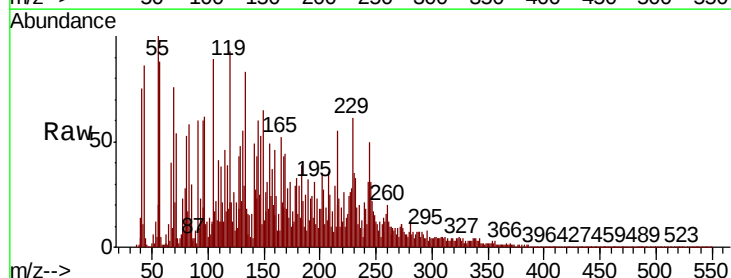
Tgt Ion:149 Resp: 84119

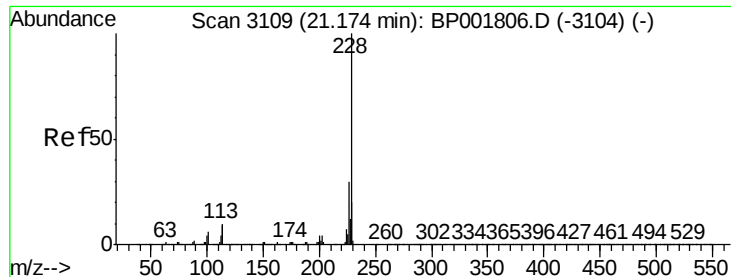
Ion Ratio Lower Upper

149 100

167 65.1 22.6 34.0#

279 11.4 3.6 5.4#





#85

Chrysene

Concen: 7.252 ng/ul

RT: 21.18 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

Instrument :

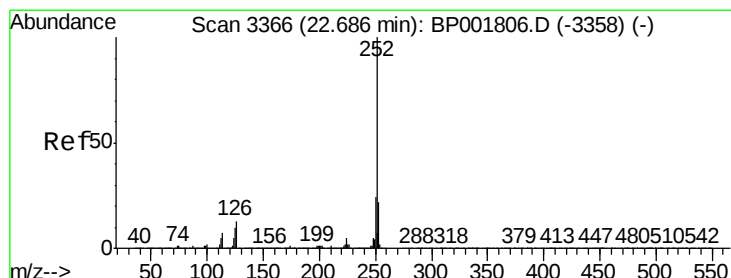
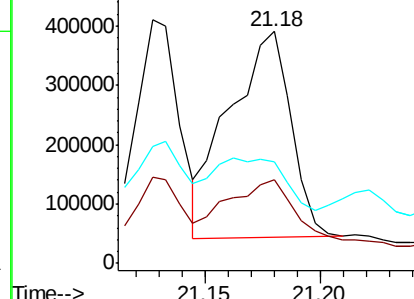
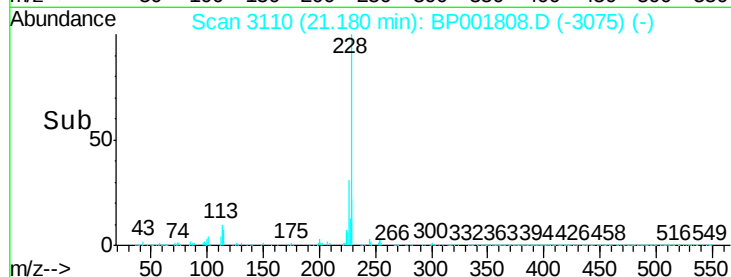
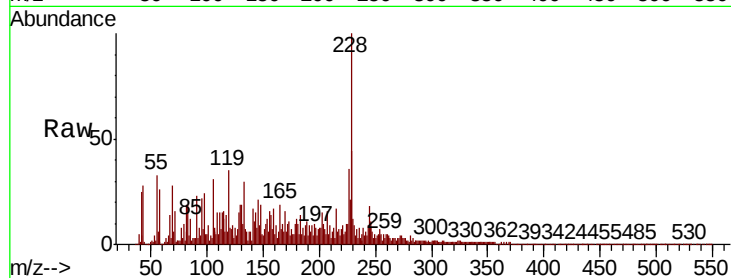
BNA_P

ClientSampleId :

C5B16

Tot Ion:228 Resp: 647504

Ion	Ratio	Lower	Upper
228	100		
226	36.3	24.2	36.2#
229	43.9	15.7	23.5#



#88

Benzo(b)fluoranthene

Concen: 1.788 ng/ul

RT: 22.70 min Scan# 3368

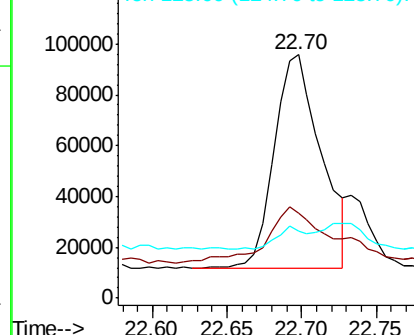
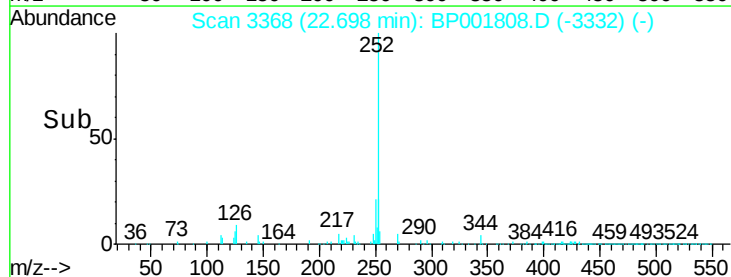
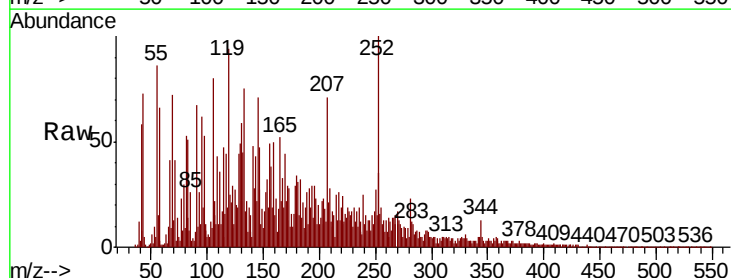
Delta R.T. 0.01 min

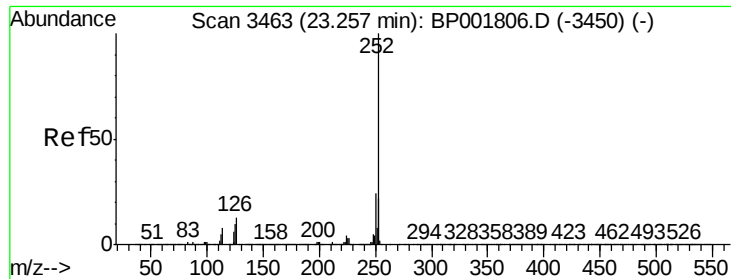
Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

Tgt Ion:252 Resp: 183903

Ion	Ratio	Lower	Upper
252	100		
253	34.6	17.7	26.5#
125	27.3	7.8	11.6#





#91

Benzo(a)pyrene

Concen: 1.263 ng/ul

RT: 23.26 min Scan# 3464

Delta R.T. 0.01 min

Lab File: BP001808.D

Acq: 20 Feb 2020 18:26

Instrument :

BNA_P

ClientSampleId :

C5B16

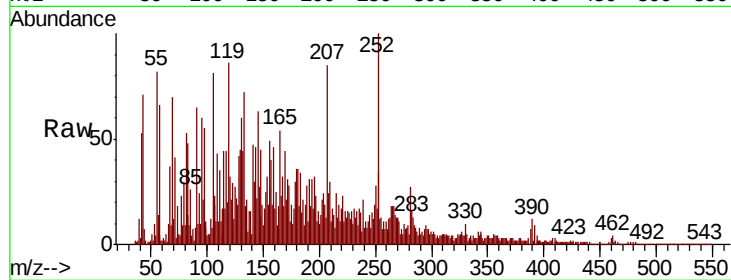
Tot Ion:252 Resp: 121779

Ion Ratio Lower Upper

252 100

253 34.4 17.6 26.4#

125 27.2 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

