

Data File : BP001817.D
Acq On : 20 Feb 2020 23:29
Operator : CG/JU
Sample : L1418-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5B21

Quant Time: Feb 21 07:17:47 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	388544	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1612235	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	989292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2135335	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1998537	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	2096681	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	30226	3.23	ng/uL	0.00
5) Phenol-d5	6.84	99	628457	21.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	347329	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	553262	23.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	462050	19.84	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	263994	24.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	293177	29.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	565455	24.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	486990	17.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1668007	24.03	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2040907	23.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	245384	20.30	ng/ul	0.00
58) Fluorene-d10	15.29	176	1495902	23.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	7044	0.84	ng/ul	-0.04
71) Anthracene-d10	17.15	188	2236386	23.77	ng/ul	0.00
79) Pyrene-d10	19.39	212	2528317	24.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	2568999	25.37	ng/ul	0.00

Target Compounds

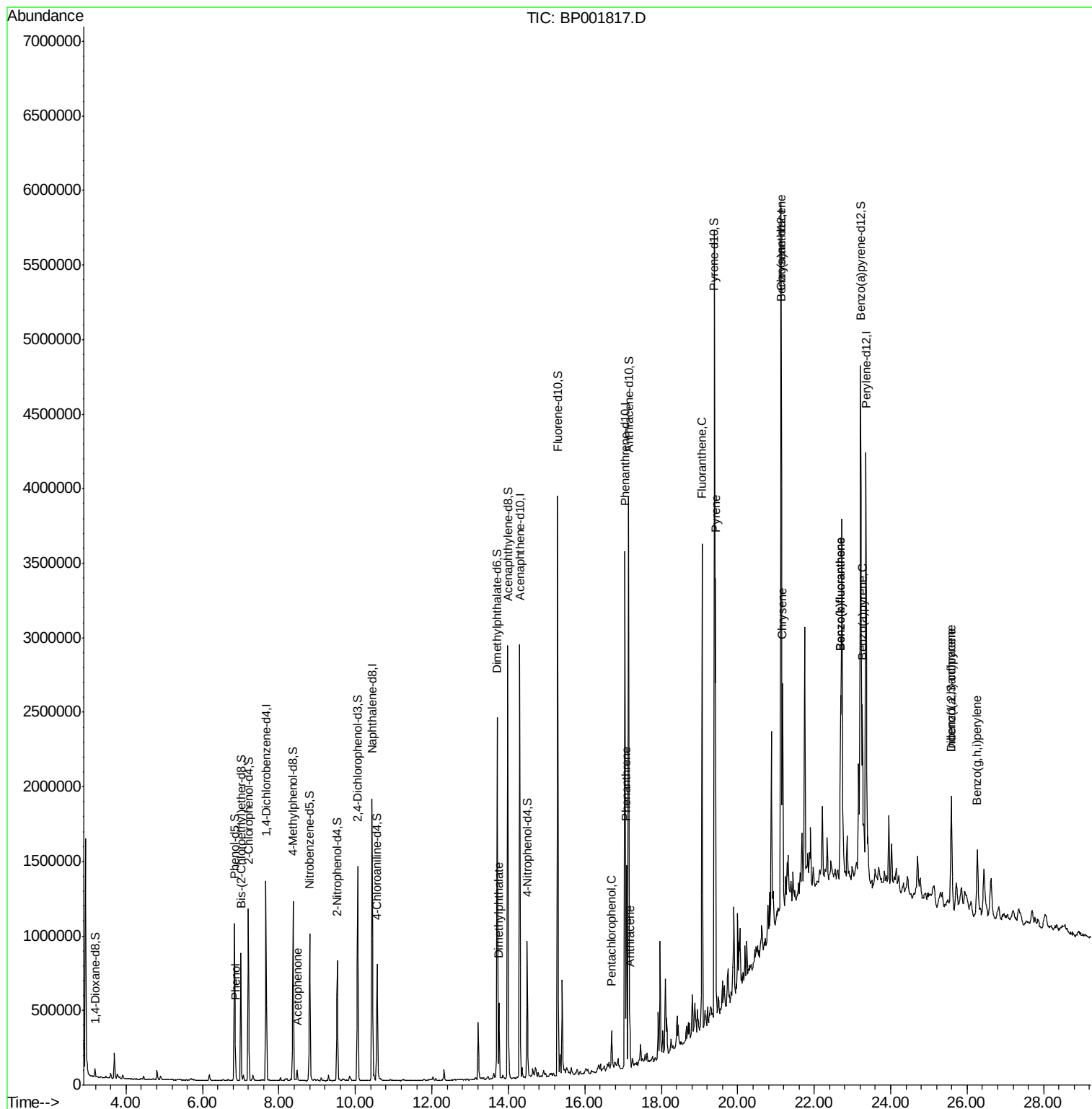
					Qvalue
6) Phenol	6.86	94	32739	1.052	ng/ul 90
14) Acetophenone	8.48	105	39149	1.088	ng/ul 95
45) Dimethylphthalate	13.76	163	338625	4.634	ng/ul 99
69) Pentachlorophenol	16.70	266	53305	4.071	ng/ul 99
70) Phenanthrene	17.09	178	803575	6.824	ng/ul 100
72) Anthracene	17.17	178	218673	1.880	ng/ul 98
77) Fluoranthene	19.06	202	1894948	15.027	ng/ul 98
80) Pyrene	19.42	202	1732107	12.742	ng/ul 98
83) Benzo(a)anthracene	21.12	228	936143	7.113	ng/ul 97
85) Chrysene	21.17	228	870526	6.771	ng/ul 97
88) Benzo(b)fluoranthene	22.69	252	1066499	8.645	ng/ul 98
89) Benzo(k)fluoranthene	22.69	252	1066499	8.340	ng/ul 98
91) Benzo(a)pyrene	23.26	252	820291	7.095	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.59	276	551446	3.818	ng/ul 97
93) Dibenzo(a,h)anthracene	25.59	278	144654	1.193	ng/ul# 79
94) Benzo(g,h,i)perylene	26.26	276	525851	4.283	ng/ul 97

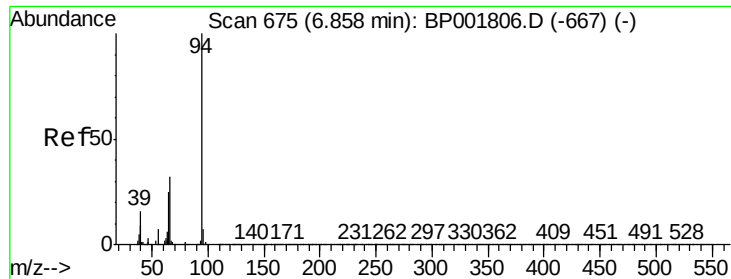
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.052 ng/ul

RT: 6.86 min Scan# 676

Delta R.T. 0.01 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

Instrument :

BNA_P

ClientSampled :

C5B21

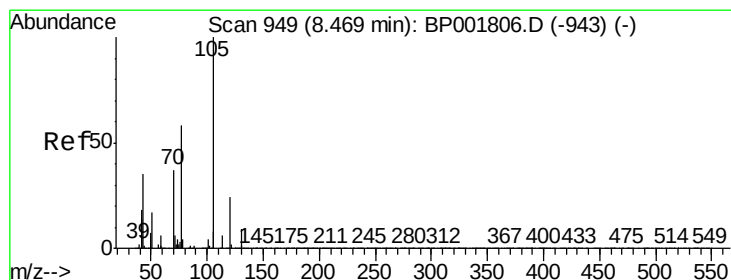
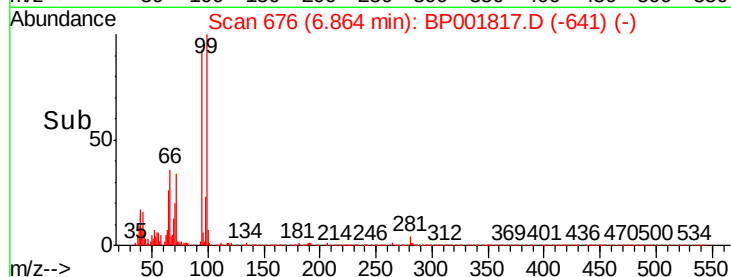
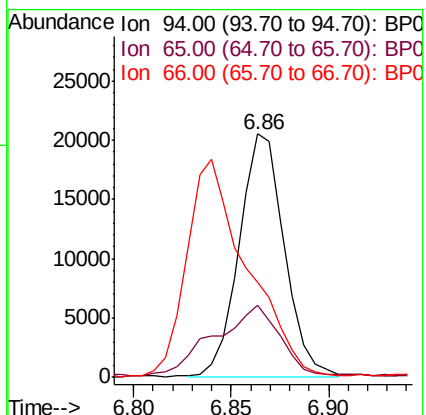
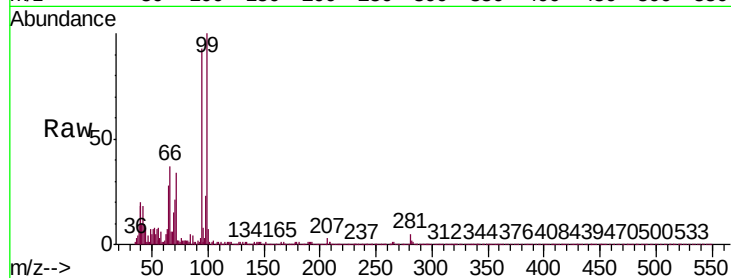
Tgt Ion: 94 Resp: 32739

Ion Ratio Lower Upper

94 100

65 29.5 19.8 29.6

66 39.2 26.6 39.8



#14

Acetophenone

Concen: 1.088 ng/ul

RT: 8.48 min Scan# 950

Delta R.T. 0.01 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

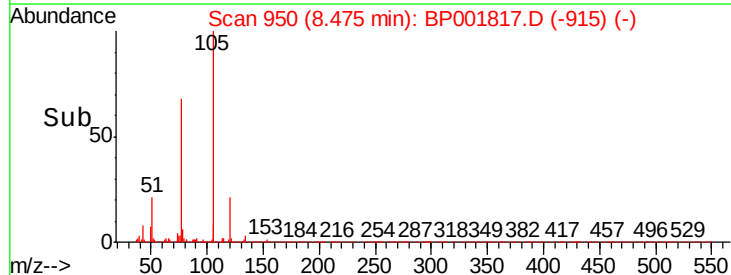
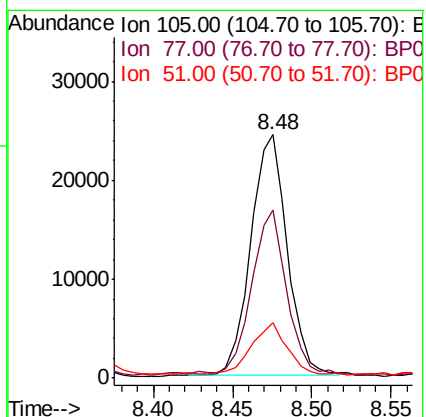
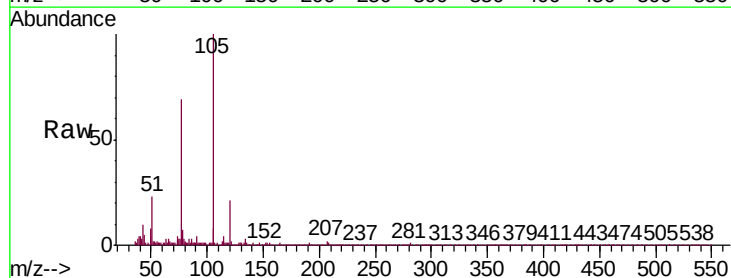
Tgt Ion: 105 Resp: 39149

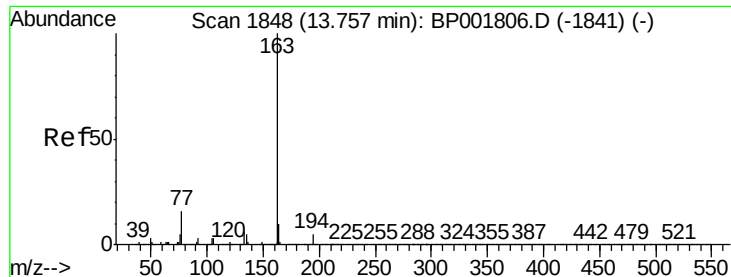
Ion Ratio Lower Upper

105 100

77 68.9 59.8 89.6

51 22.6 17.9 26.9

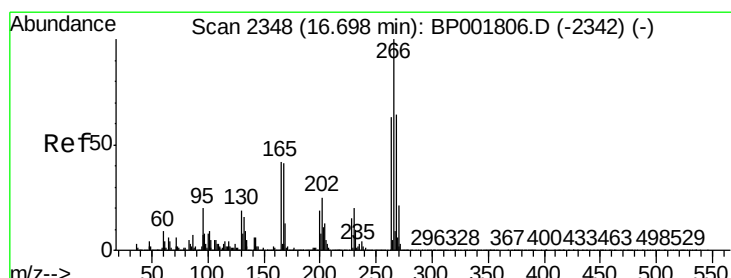
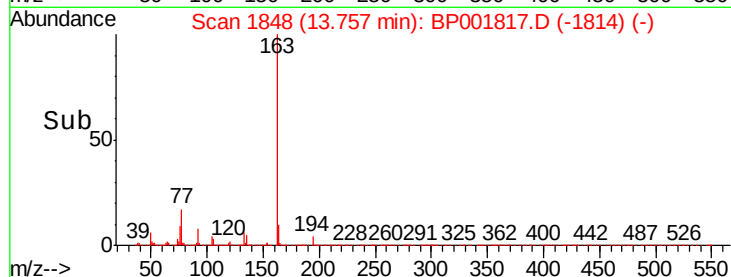
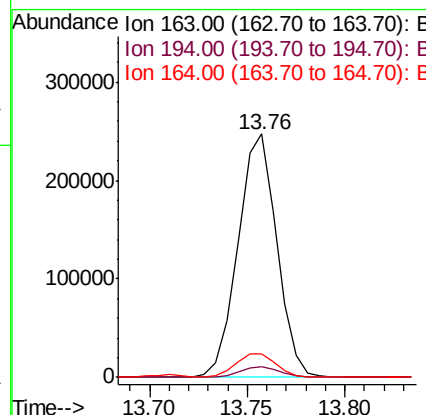
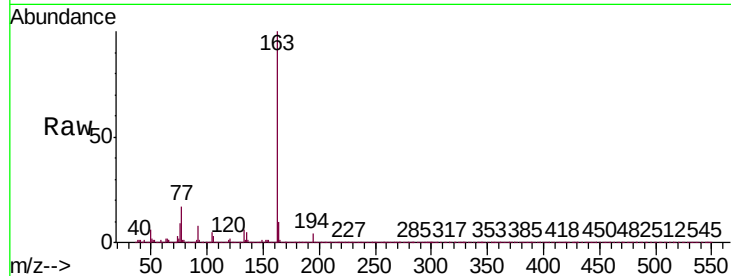




#45
Dimethylphthalate
Concen: 4.634 ng/ul
RT: 13.76 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

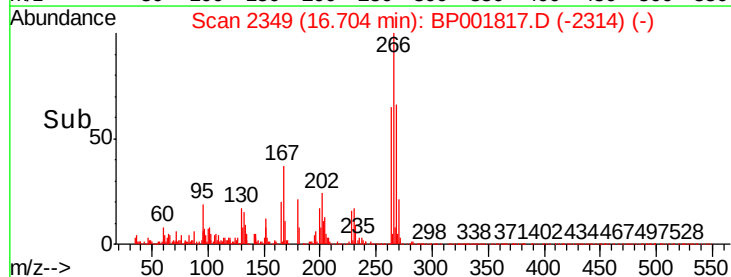
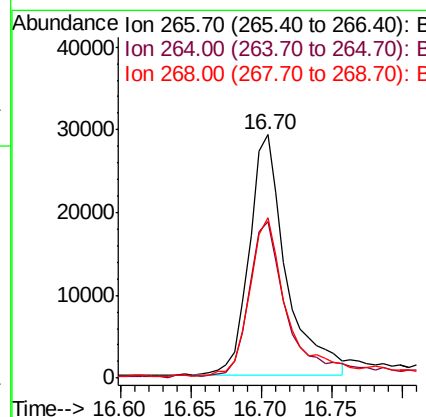
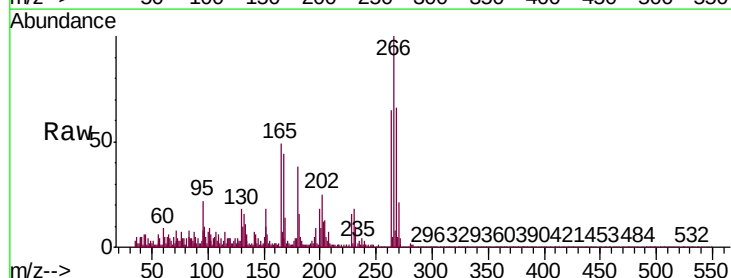
Instrument :
BNA_P
ClientSampleId :
C5B21

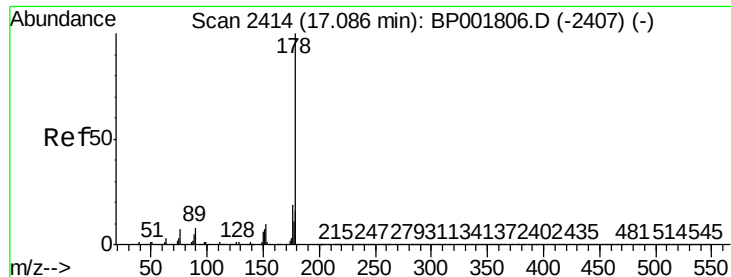
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.6	8.0	12.0



#69
Pentachlorophenol
Concen: 4.071 ng/ul
RT: 16.70 min Scan# 2349
Delta R.T. 0.01 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.6	51.1	76.7
268	65.9	51.5	77.3





#70

Phenanthrene

Concen: 6.824 ng/ul

RT: 17.09 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

Instrument :

BNA_P

ClientSampleId :

C5B21

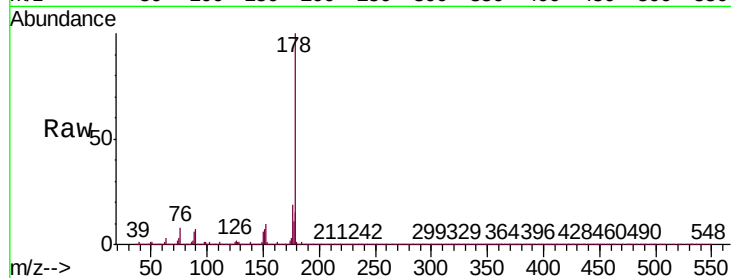
Tgt Ion:178 Resp: 803575

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

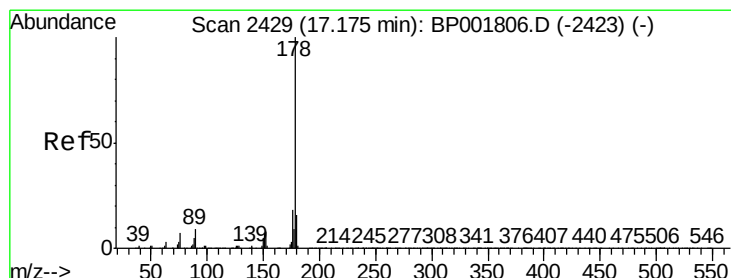
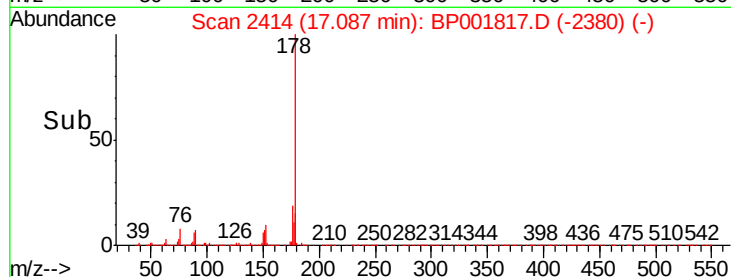
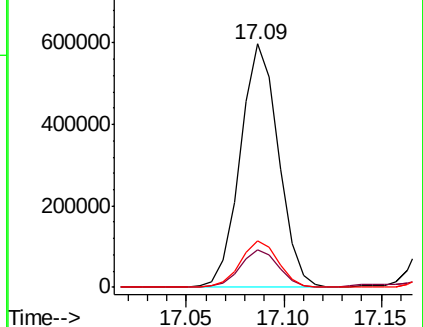
176 19.2 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.880 ng/ul

RT: 17.17 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

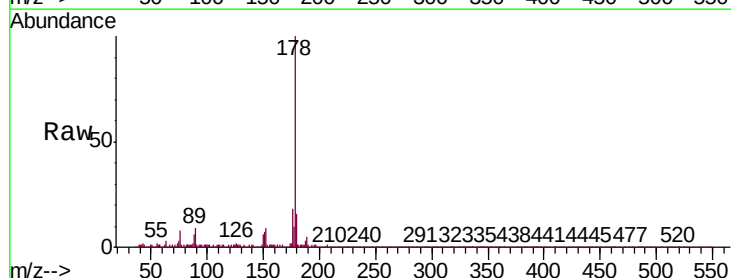
Tgt Ion:178 Resp: 218673

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

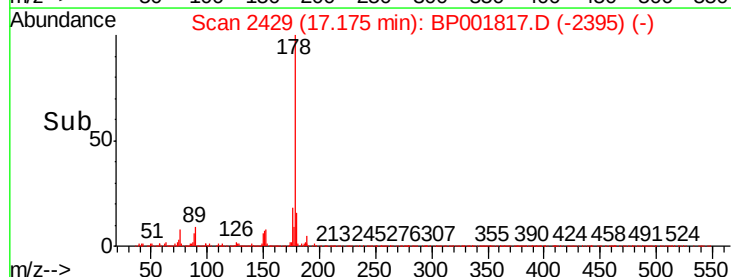
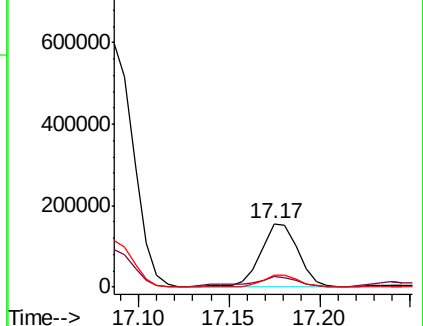
176 17.9 14.8 22.2

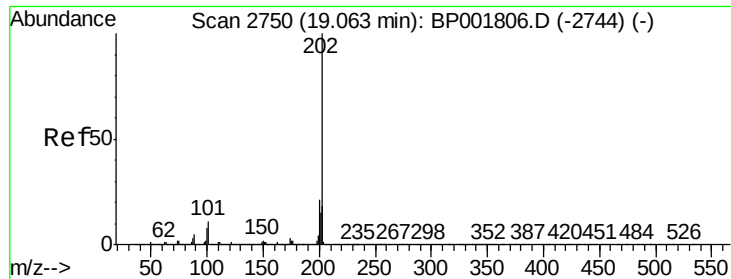


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 15.027 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

Instrument :

BNA_P

ClientSampleId :

C5B21

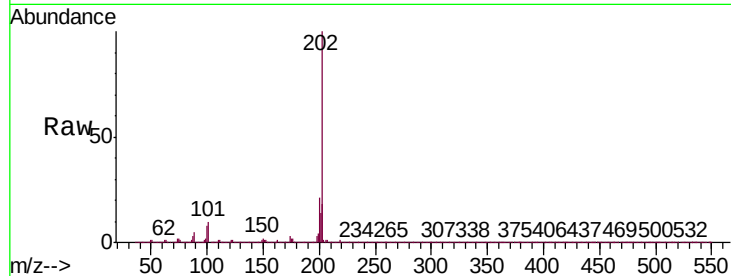
Tgt Ion:202 Resp: 1894948

Ion Ratio Lower Upper

202 100

101 10.3 9.1 13.7

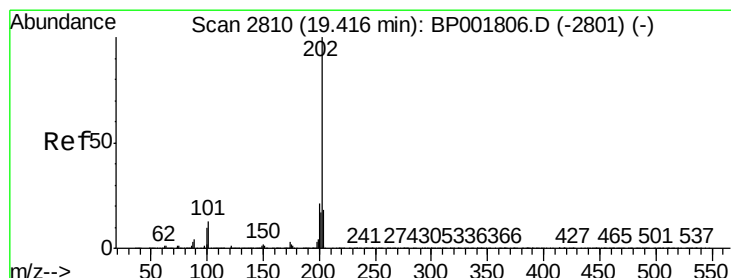
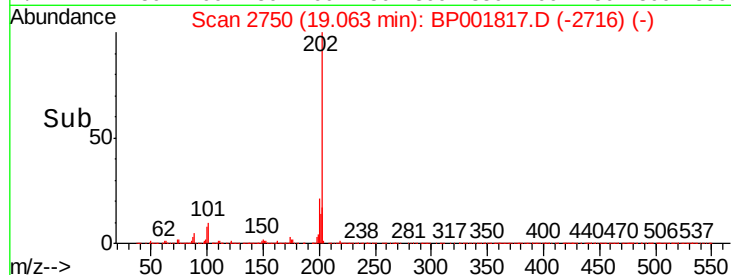
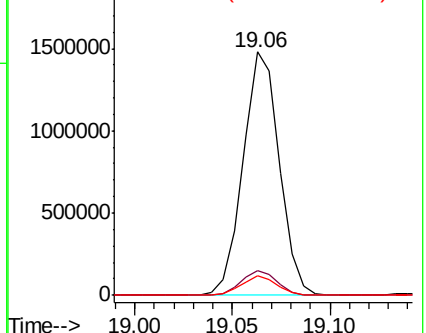
100 7.9 6.6 9.8



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): BF



#80

Pyrene

Concen: 12.742 ng/ul

RT: 19.42 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

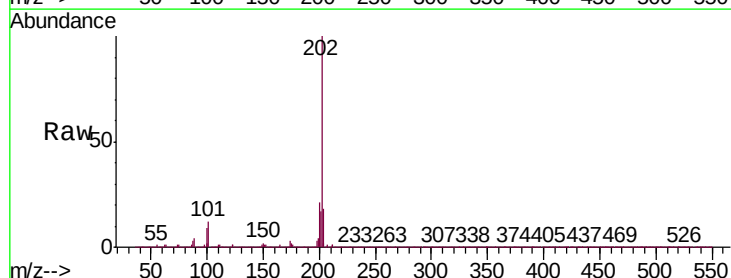
Tgt Ion:202 Resp: 1732107

Ion Ratio Lower Upper

202 100

101 12.0 10.2 15.2

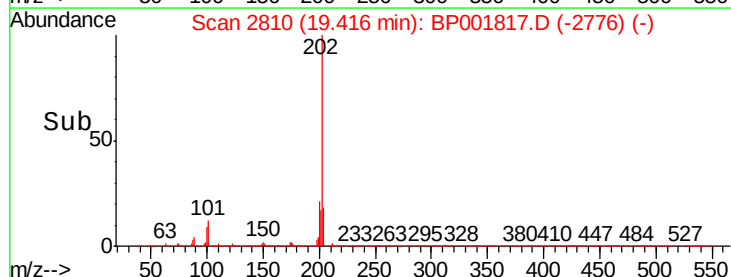
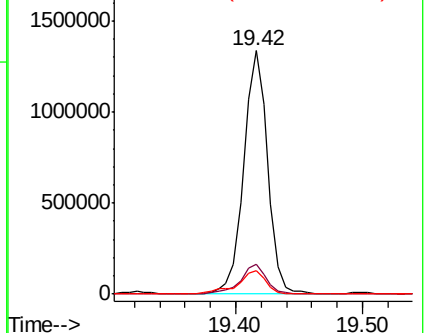
100 9.4 8.2 12.2

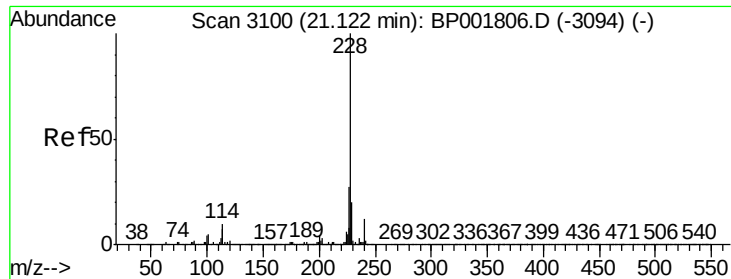


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF

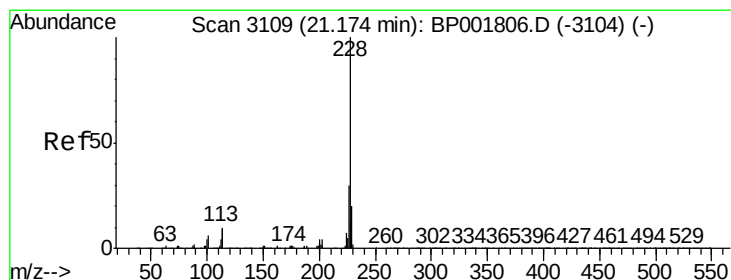
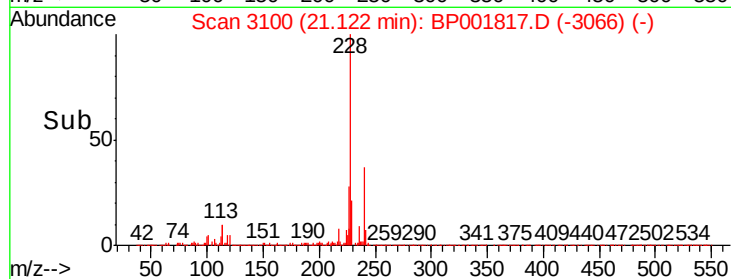
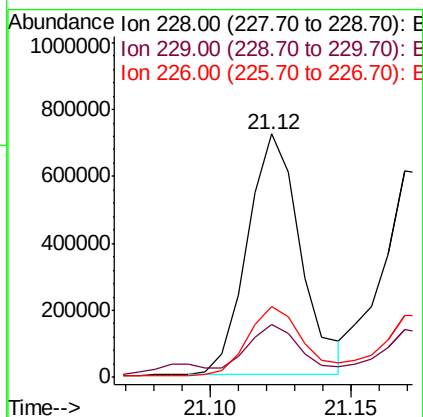
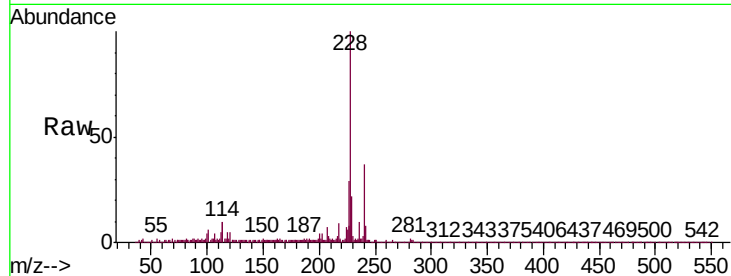




#83
Benzo(a)anthracene
Concen: 7.113 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

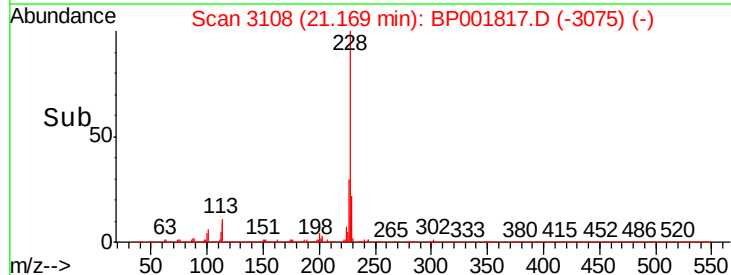
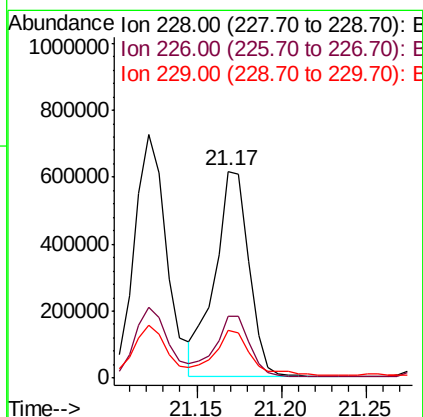
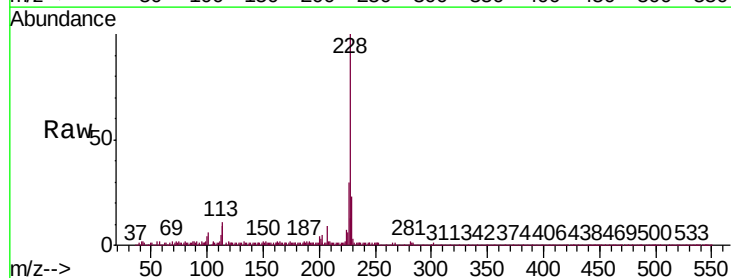
Instrument :
BNA_P
ClientSampleId :
C5B21

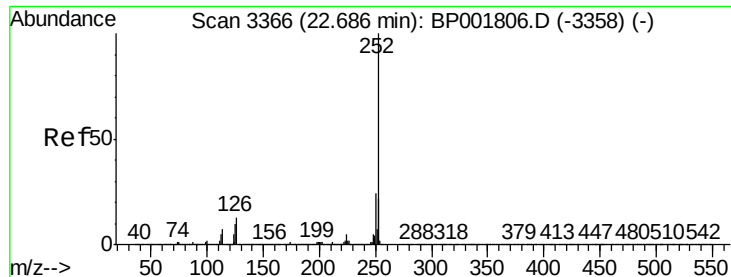
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.4
226	28.9	22.0	33.0



#85
Chrysene
Concen: 6.771 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	22.8	15.7	23.5





#88

Benzo(b)fluoranthene

Concen: 8.645 ng/ul

RT: 22.69 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

Instrument :

BNA_P

ClientSampleId :

C5B21

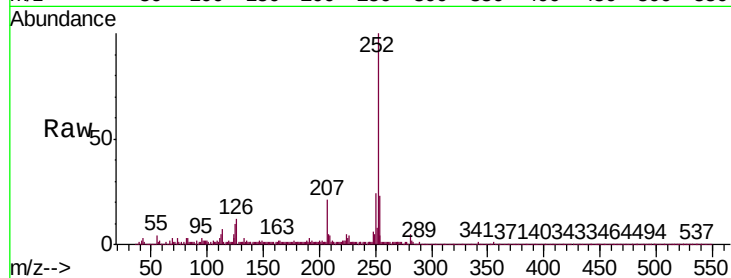
Tgt Ion:252 Resp: 1066499

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

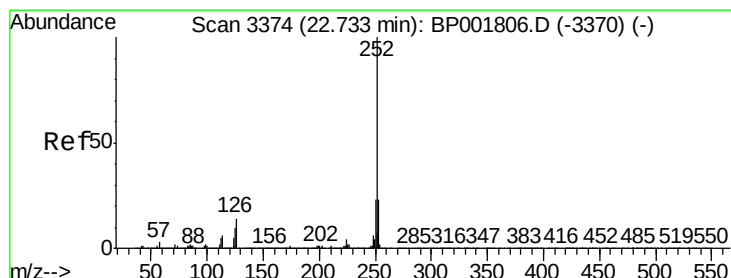
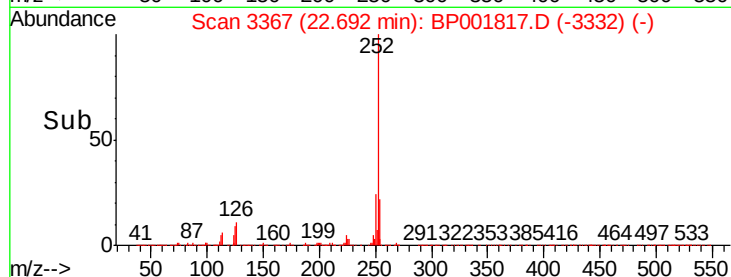
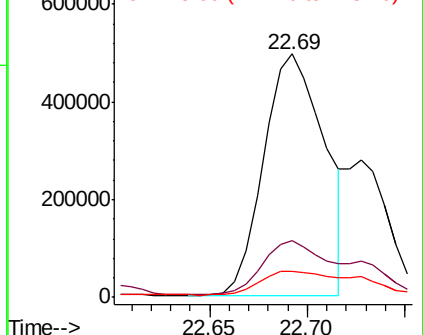
125 10.5 7.8 11.6



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



#89

Benzo(k)fluoranthene

Concen: 8.340 ng/ul

RT: 22.69 min Scan# 3367

Delta R.T. -0.04 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

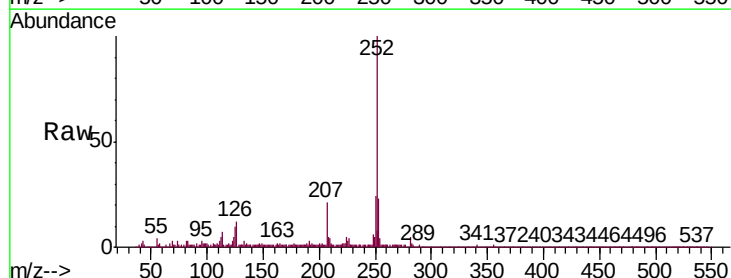
Tgt Ion:252 Resp: 1066499

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

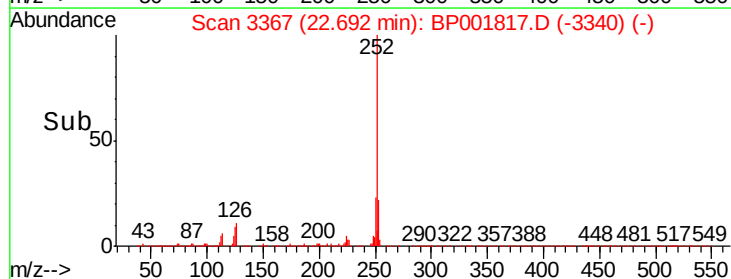
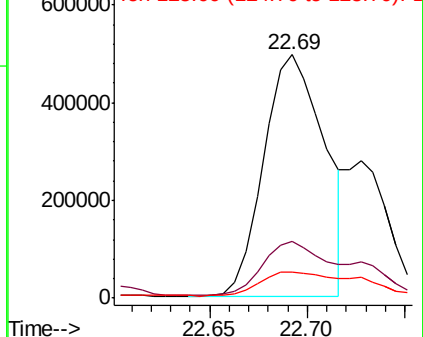
125 10.5 8.0 12.0

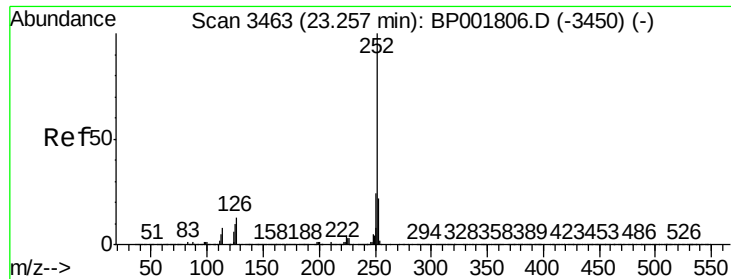


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 7.095 ng/ul

RT: 23.26 min Scan# 3463

Delta R.T. 0.00 min

Lab File: BP001817.D

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Instrument :

BNA_P

ClientSampleId :

C5B21

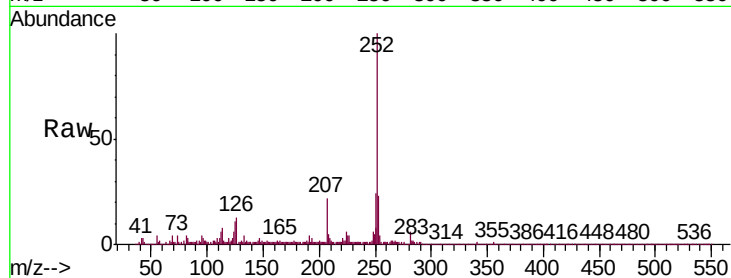
Tgt Ion:252 Resp: 820291

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

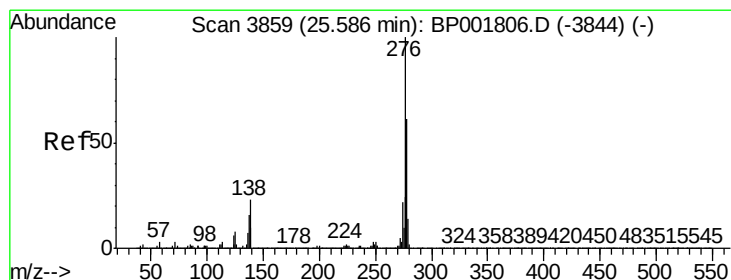
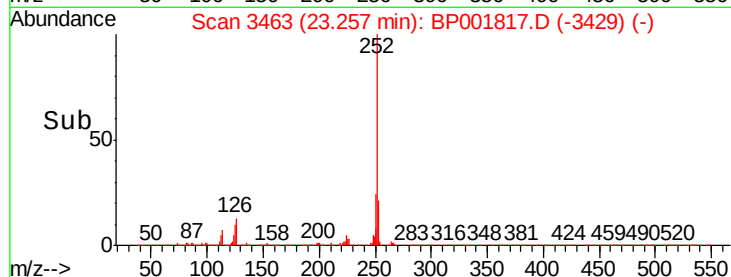
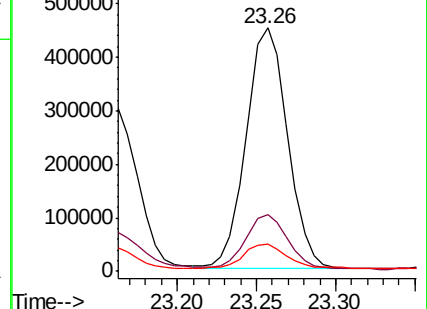
125 11.3 8.3 12.5



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.818 ng/ul

RT: 25.59 min Scan# 3859

Delta R.T. 0.00 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

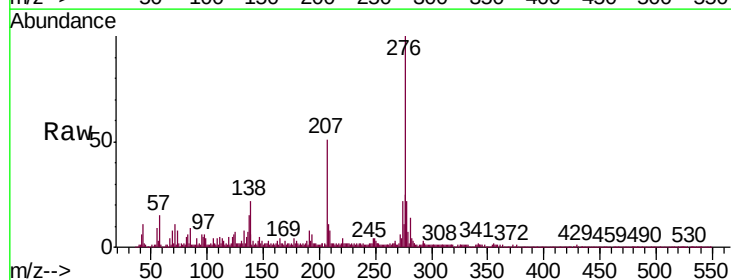
Tgt Ion:276 Resp: 551446

Ion Ratio Lower Upper

276 100

138 21.8 19.3 28.9

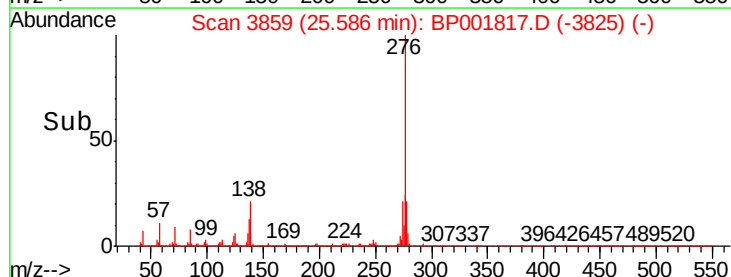
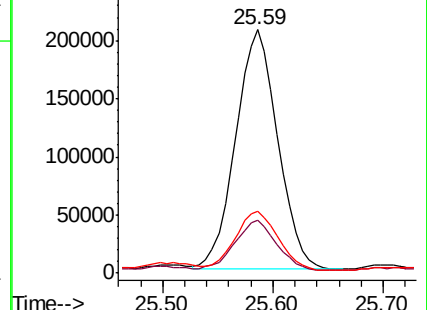
277 25.3 20.0 30.0

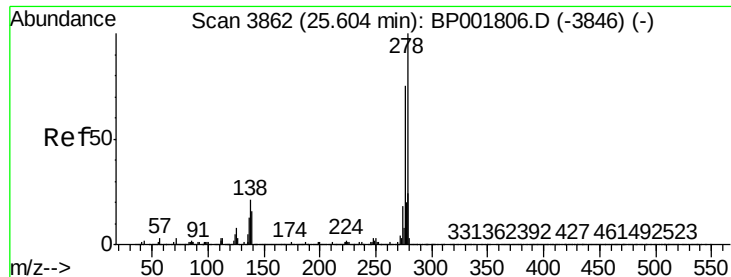


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.193 ng/ul

RT: 25.59 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

Instrument :

BNA_P

ClientSampleId :

C5B21

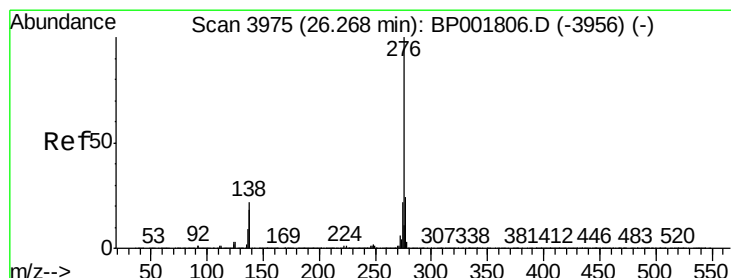
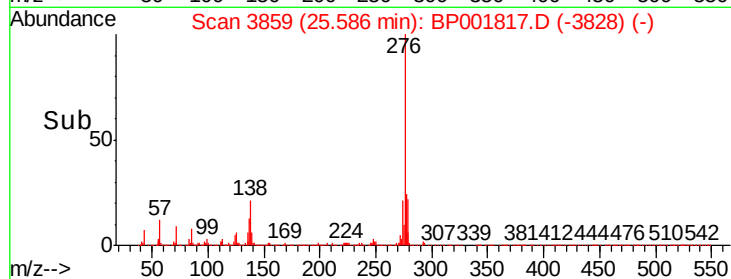
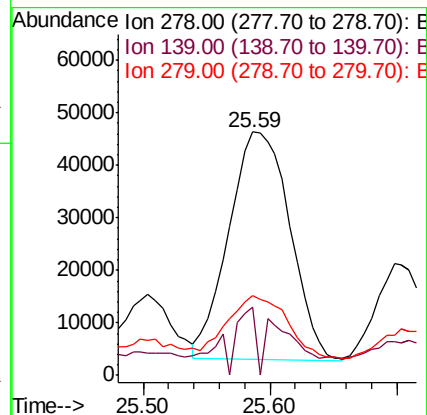
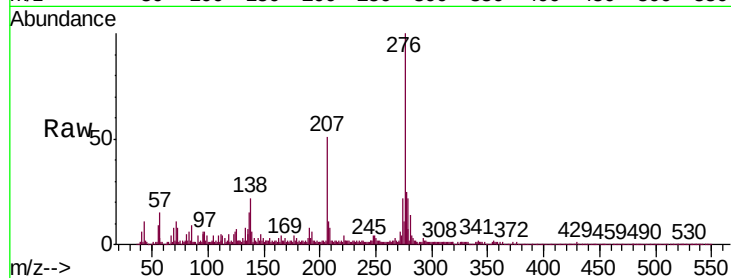
Tgt Ion:278 Resp: 144654

Ion Ratio Lower Upper

278 100

139 27.9 13.3 19.9#

279 32.8 19.3 28.9#



#94

Benzo(g,h,i)perylene

Concen: 4.283 ng/ul

RT: 26.26 min Scan# 3974

Delta R.T. -0.01 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

Tgt Ion:276 Resp: 525851

Ion Ratio Lower Upper

276 100

138 21.1 17.7 26.5

277 25.7 18.8 28.2

