

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
 Data File : BP001918.D
 Acq On : 26 Feb 2020 09:17
 Operator : CG/JU
 Sample : L1543-08
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 27 03:12:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 05:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	336428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1428995	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	926437	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2125582	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2164652	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	2079105	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	37155	4.59	ng/uL	0.00
5) Phenol-d5	6.82	99	774054	30.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	427318	28.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	670749	32.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	630110	31.25	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	332006	34.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	371659	42.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	732057	35.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	782796	31.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2322965	35.73	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2739201	34.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	370990	32.77	ng/ul	0.00
58) Fluorene-d10	15.29	176	2073945	35.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	277463	33.11	ng/ul	0.00
71) Anthracene-d10	17.15	188	3314274	35.39	ng/ul	0.00
79) Pyrene-d10	19.39	212	3903390	35.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	3814477	37.99	ng/ul	0.01

Target Compounds

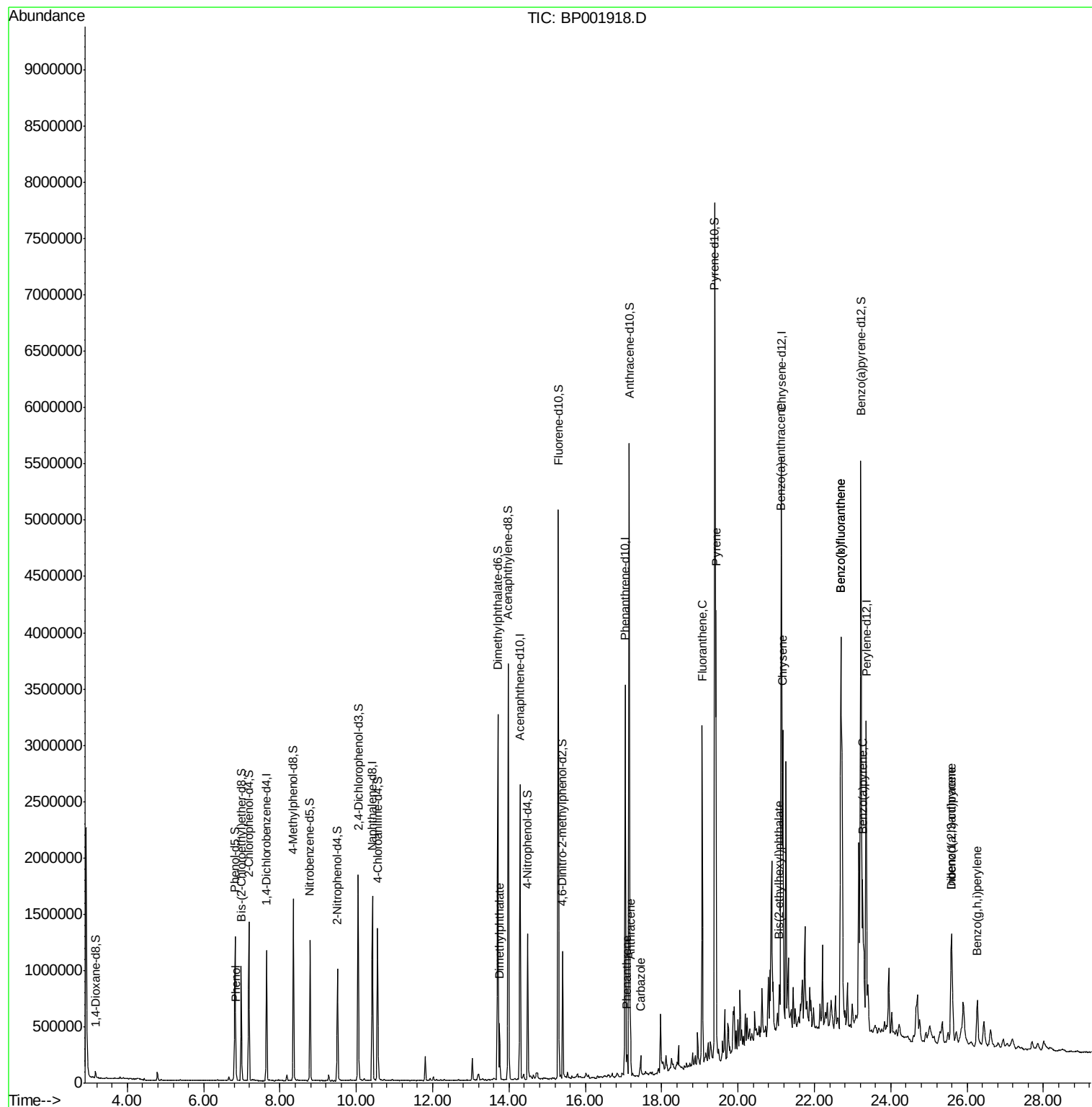
					Ovalue
6) Phenol	6.85	94	45390	1.685	ng/ul# 90
45) Dimethylphthalate	13.75	163	339475	4.961	ng/ul 99
70) Phenanthrene	17.09	178	125749	1.073	ng/ul 98
72) Anthracene	17.17	178	369072	3.187	ng/ul 100
75) Carbazole	17.45	167	118695	1.229	ng/ul 99
77) Fluoranthene	19.06	202	1752816	13.964	ng/ul 97
80) Pyrene	19.42	202	2264921	15.383	ng/ul 97
83) Benzo(a)anthracene	21.12	228	1082674	7.595	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.07	149	147804	1.952	ng/ul 100
85) Chrysene	21.17	228	1744659	12.528	ng/ul 99
88) Benzo(b)fluoranthene	22.69	252	2947146	24.090	ng/ul 99
89) Benzo(k)fluoranthene	22.69	252	2947146	23.241	ng/ul 99
91) Benzo(a)pyrene	23.26	252	932464	8.133	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.59	276	748037	5.223	ng/ul# 94
93) Dibenzo(a,h)anthracene	25.59	278	179366	1.491	ng/ul# 83
94) Benzo(g,h,i)perylene	26.27	276	485708	3.989	ng/ul 98

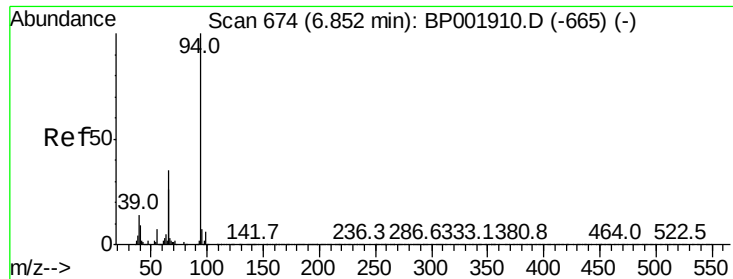
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 05:53:41 2020
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#6

Phenol

Concen: 1.685 ng/ul

RT: 6.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

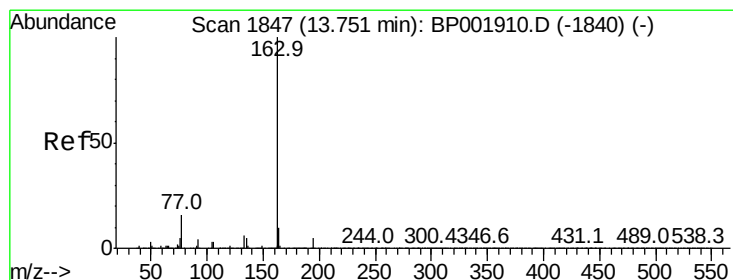
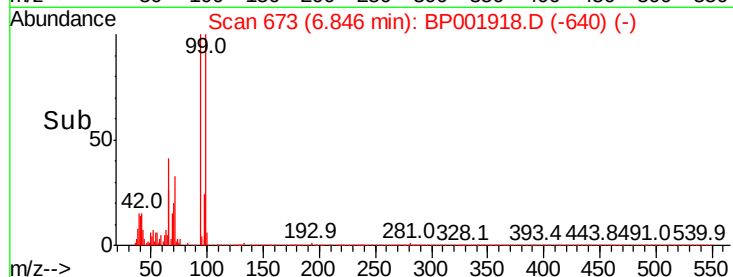
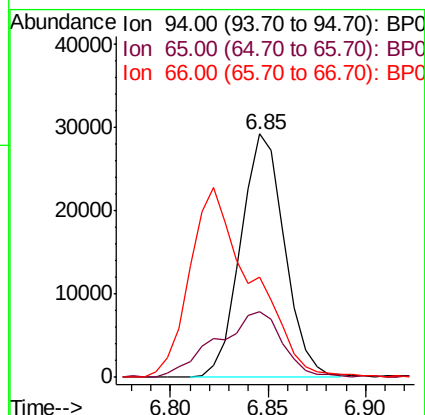
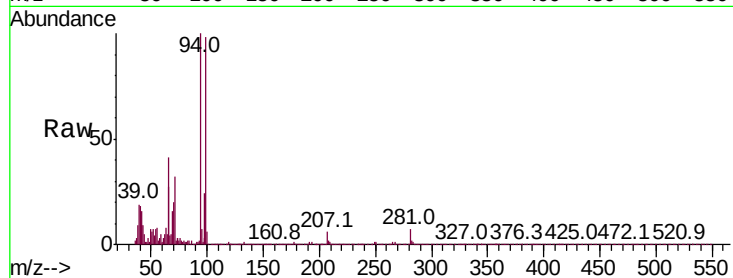
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 94 Resp: 45390

Ion	Ratio	Lower	Upper
94	100		
65	27.1	19.8	29.6
66	41.0	26.6	39.8#



#45

Dimethylphthalate

Concen: 4.961 ng/ul

RT: 13.75 min Scan# 1847

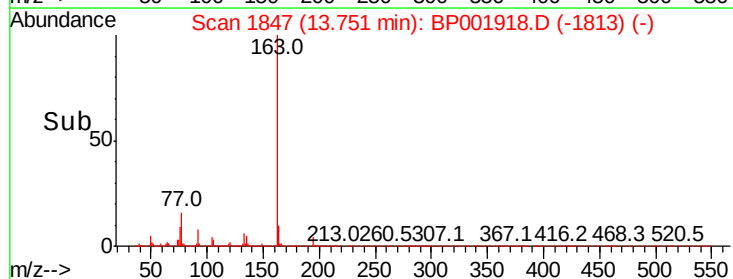
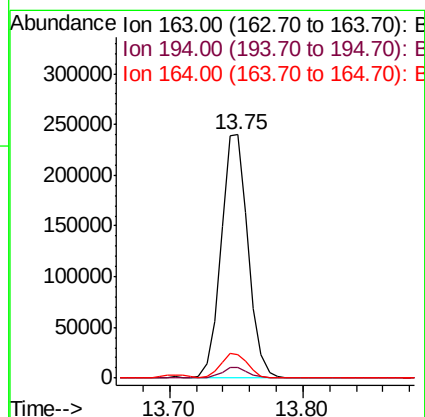
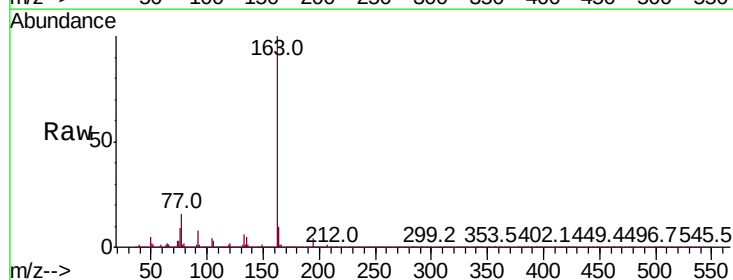
Delta R.T. -0.00 min

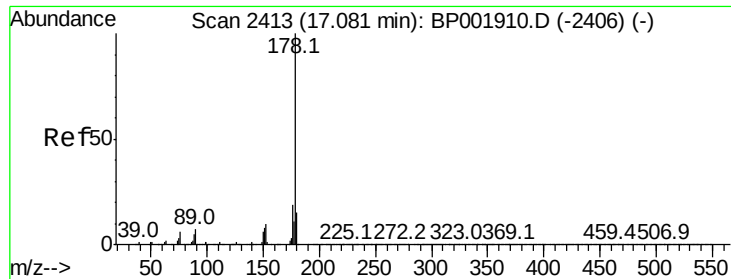
Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

Tgt Ion: 163 Resp: 339475

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.6	8.0	12.0





#70

Phenanthrene

Concen: 1.073 ng/ul

RT: 17.09 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

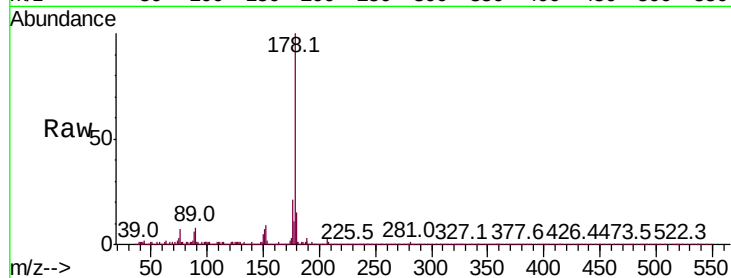
Instrument :

BNA_P

ClientSampled :

Tot Ion:178 Resp: 125749

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	20.6	15.3	22.9

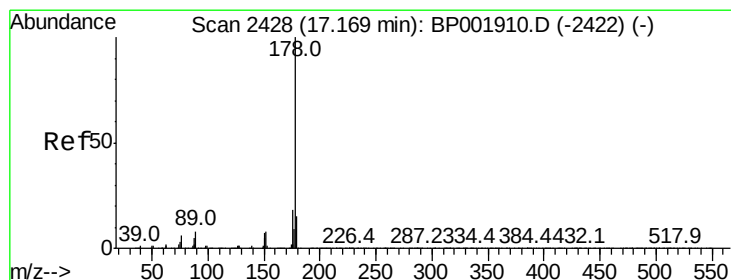
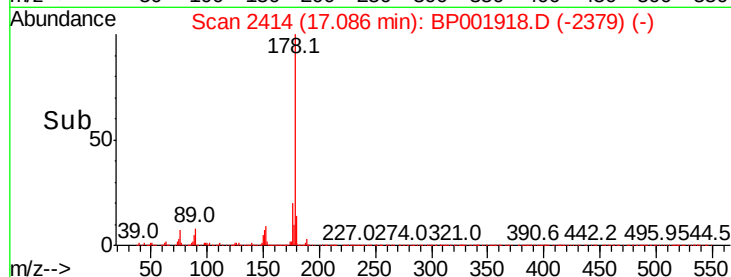
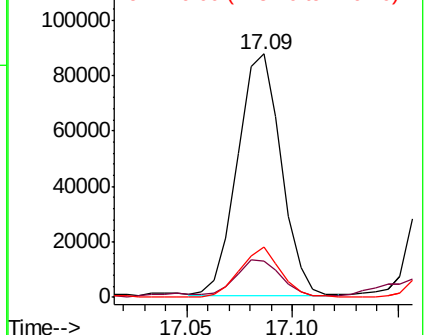


Abundance

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: 3.187 ng/ul

RT: 17.17 min Scan# 2429

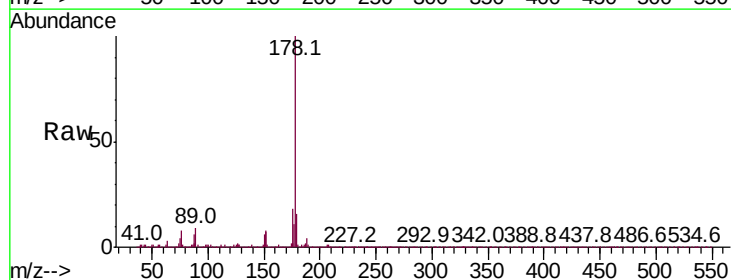
Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

Tgt Ion:178 Resp: 369072

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.4	14.8	22.2

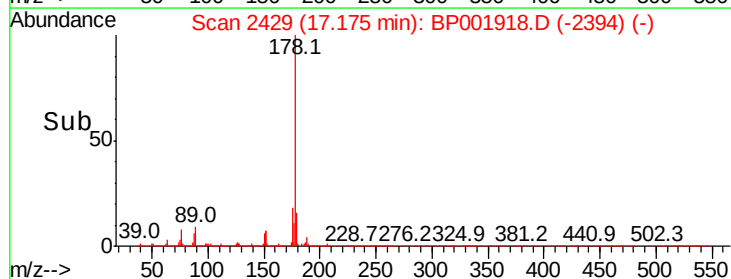
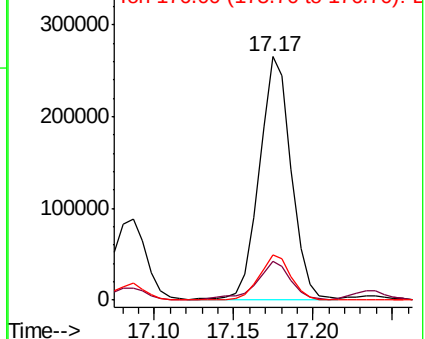


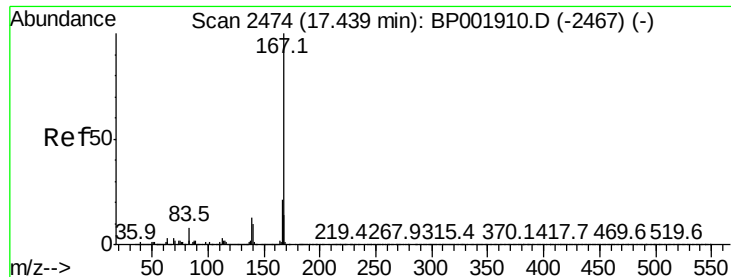
Abundance

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





#75

Carbazole

Concen: 1.229 ng/ul

RT: 17.45 min Scan# 2475

Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

Instrument :

BNA_P

ClientSampleId :

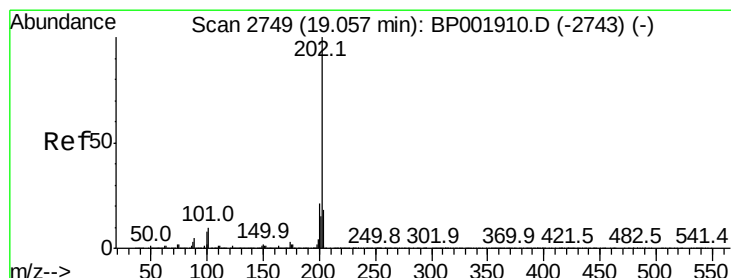
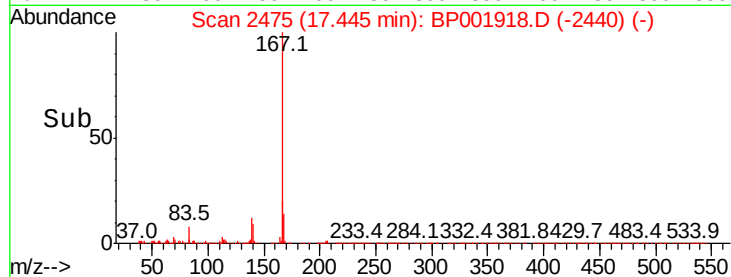
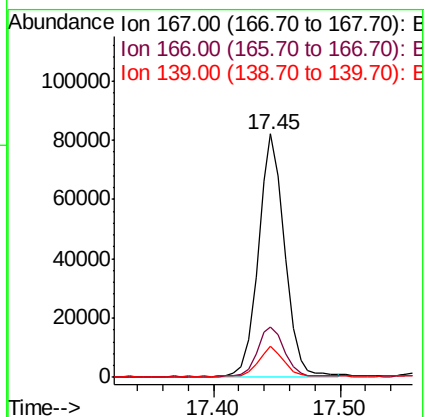
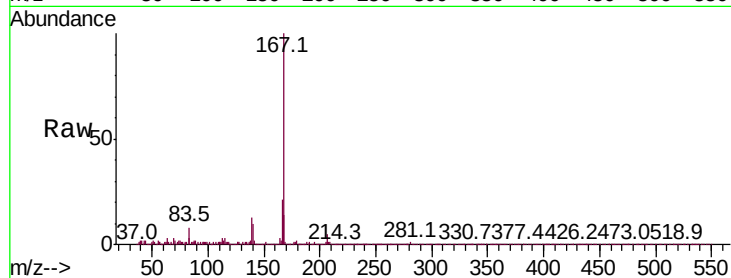
Tot Ion:167 Resp: 118695

Ion Ratio Lower Upper

167 100

166 20.8 17.1 25.7

139 12.6 10.2 15.2



#77

Fluoranthene

Concen: 13.964 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

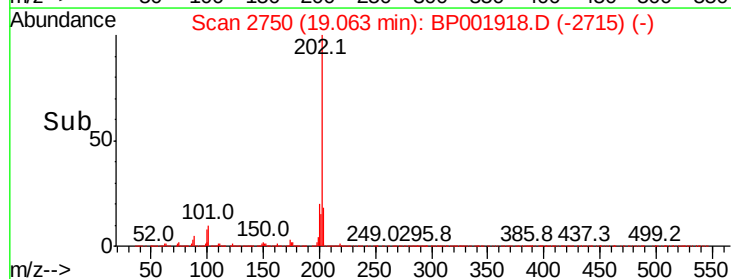
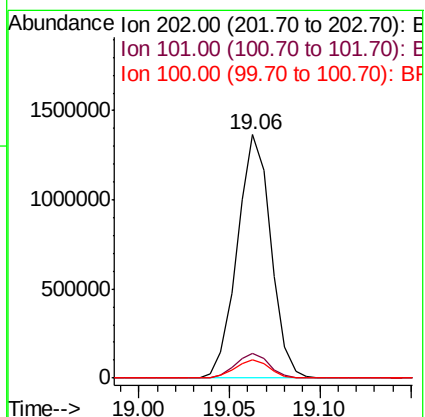
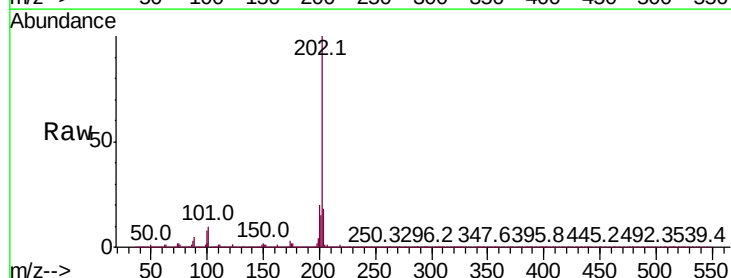
Tgt Ion:202 Resp: 1752816

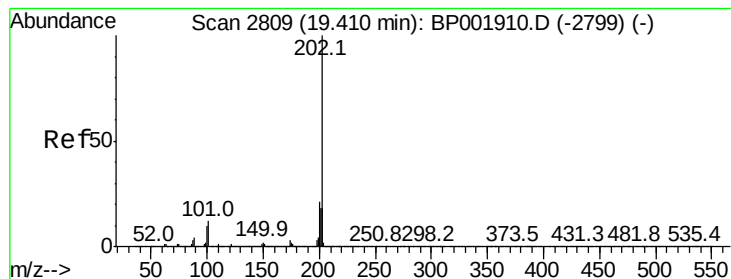
Ion Ratio Lower Upper

202 100

101 10.0 9.1 13.7

100 7.5 6.6 9.8





#80

Pvrene

Concen: 15.383 ng/ul

RT: 19.42 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

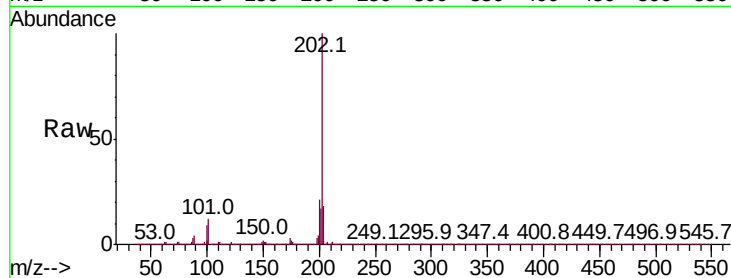
Instrument :

BNA_P

ClientSampled :

Tot Ion:202 Resp: 2264921

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.2	15.2
100	9.2	8.2	12.2

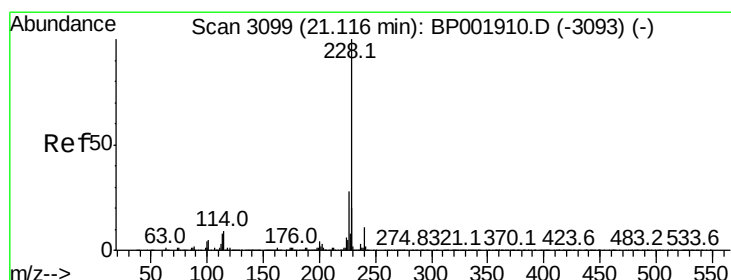
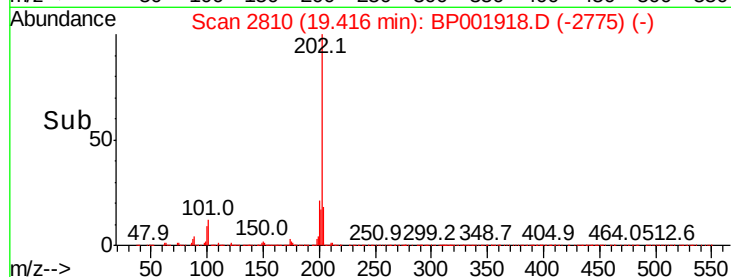
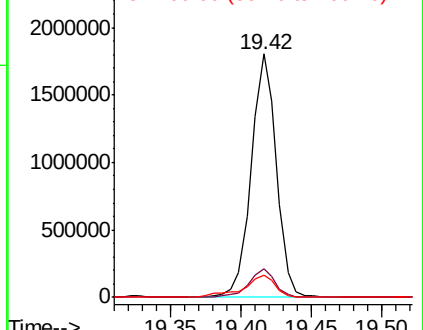


Abundance

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



#83

Benzo(a)anthracene

Concen: 7.595 ng/ul

RT: 21.12 min Scan# 3100

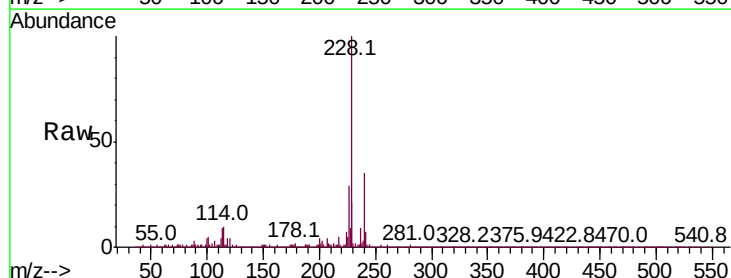
Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

Tgt Ion:228 Resp: 1082674

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.4
226	29.1	22.0	33.0

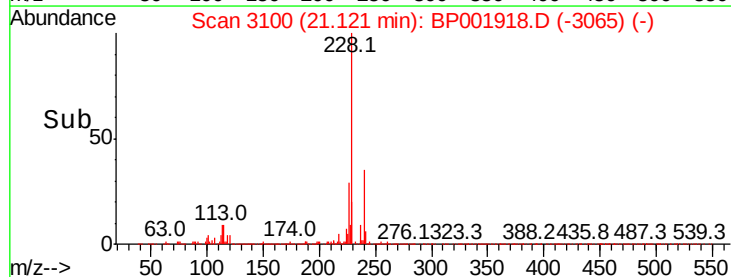
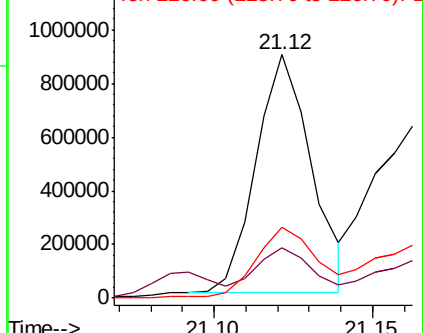


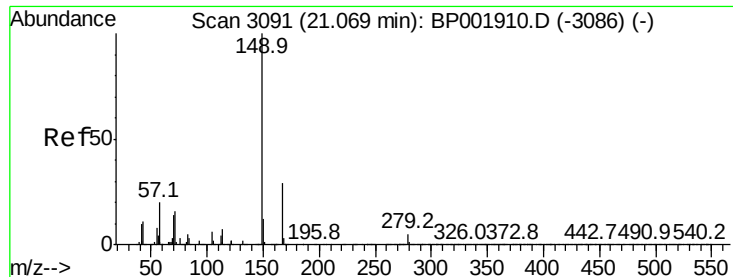
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.952 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

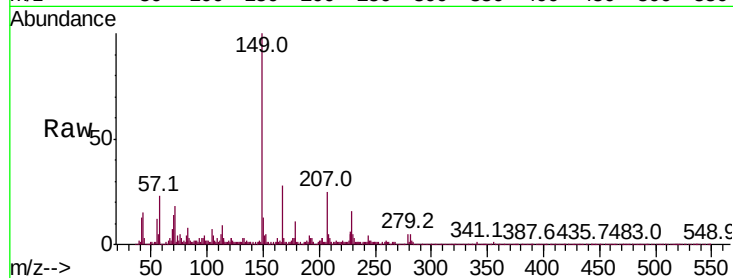
Instrument :

BNA_P

ClientSampleId :

Tot Ion:149 Resp: 147804

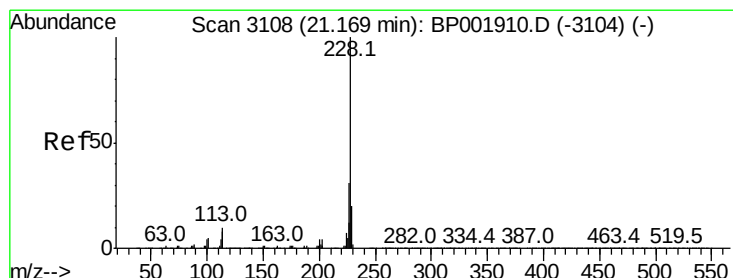
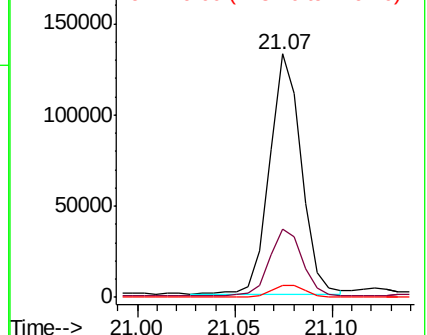
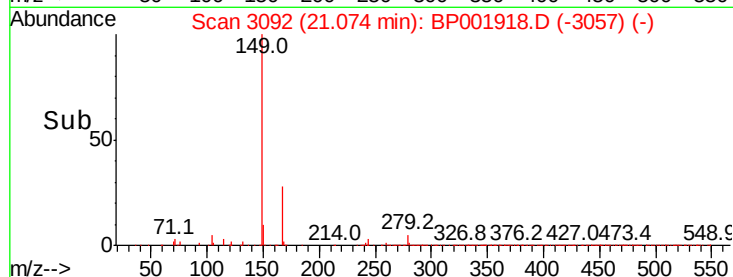
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.8	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 12.528 ng/ul

RT: 21.17 min Scan# 3109

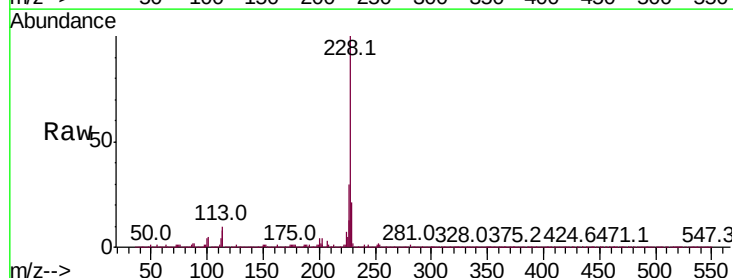
Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

Tgt Ion:228 Resp: 1744659

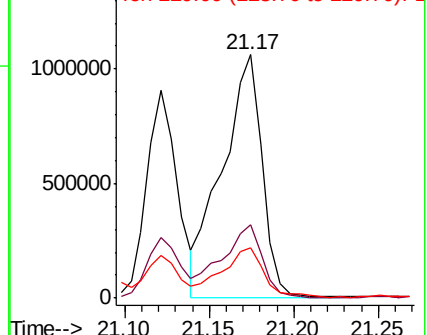
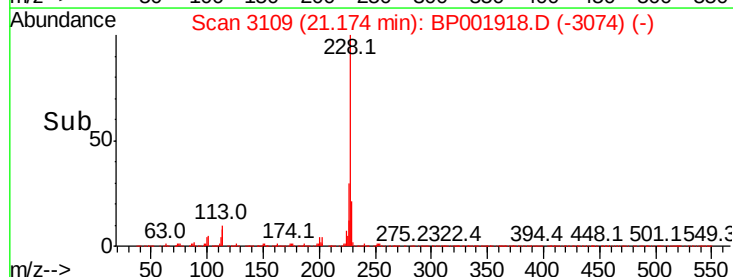
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	20.9	15.7	23.5

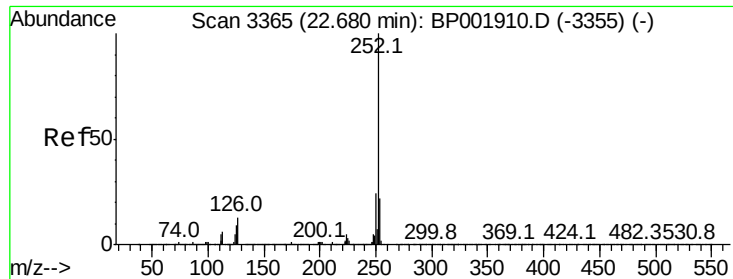


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 24.090 ng/ul

RT: 22.69 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

Instrument :

BNA_P

ClientSampleId :

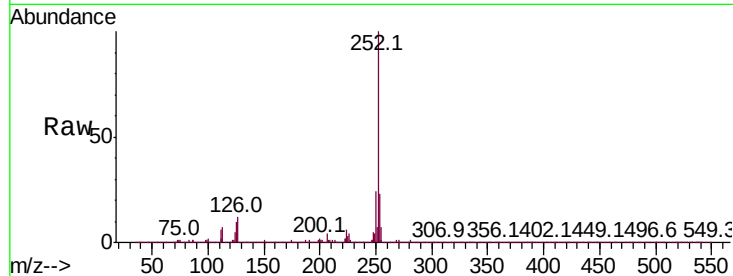
Tot Ion:252 Resp: 2947146

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

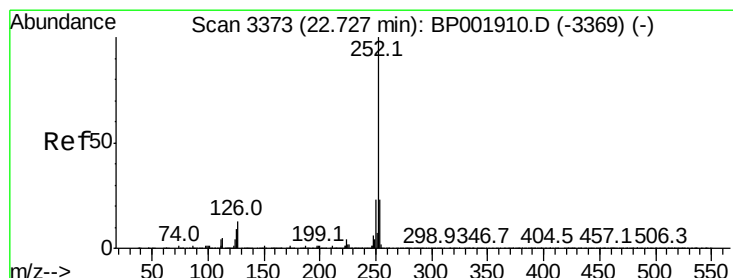
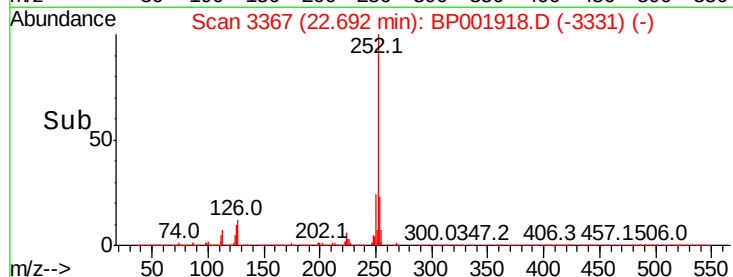
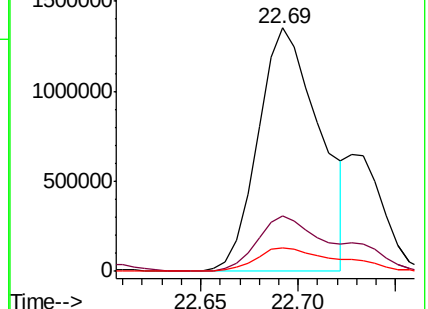
125 9.8 7.8 11.6



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: 23.241 ng/ul

RT: 22.69 min Scan# 3367

Delta R.T. -0.04 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

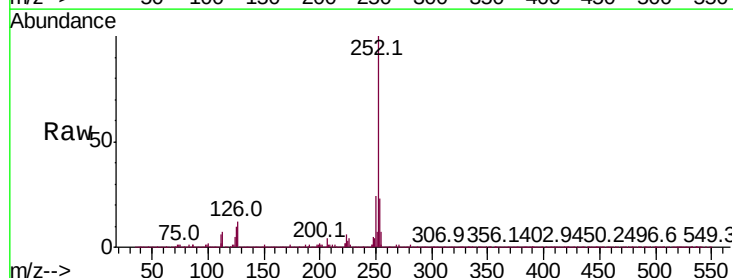
Tgt Ion:252 Resp: 2947146

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

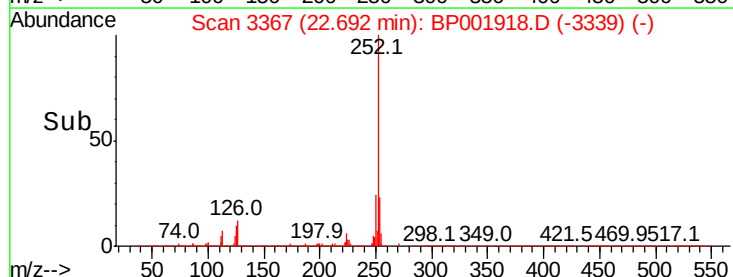
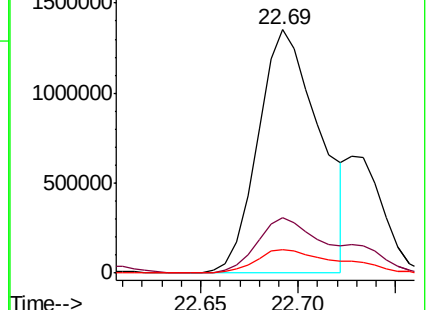
125 9.8 8.0 12.0

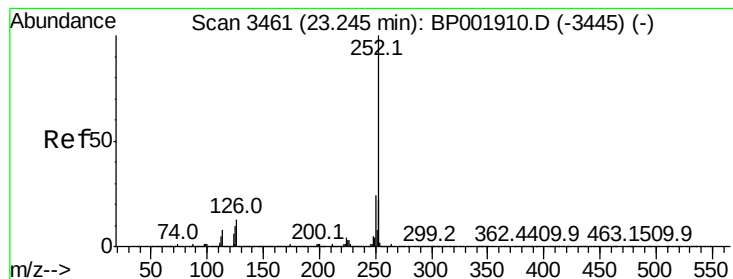


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 8.133 ng/ul

RT: 23.26 min Scan# 3464

Delta R.T. 0.02 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

Instrument :

BNA_P

ClientSampleId :

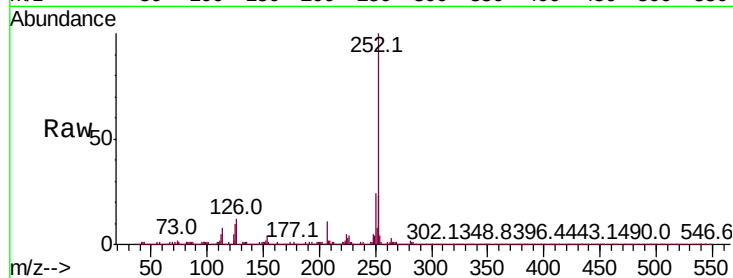
Tot Ion:252 Resp: 932464

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

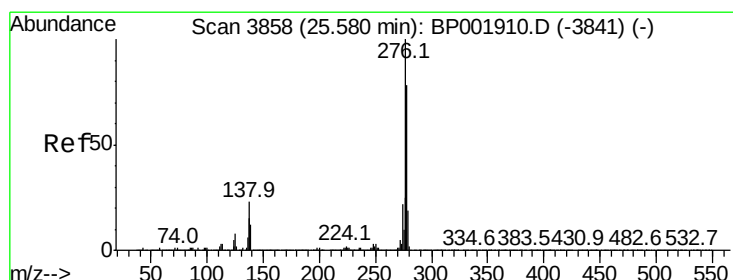
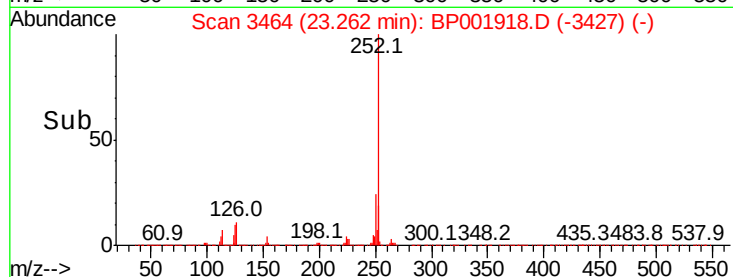
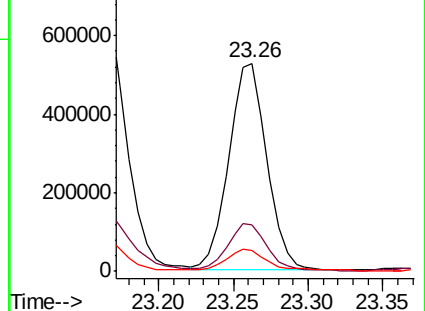
125 9.8 8.3 12.5



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: 5.223 ng/ul

RT: 25.59 min Scan# 3859

Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

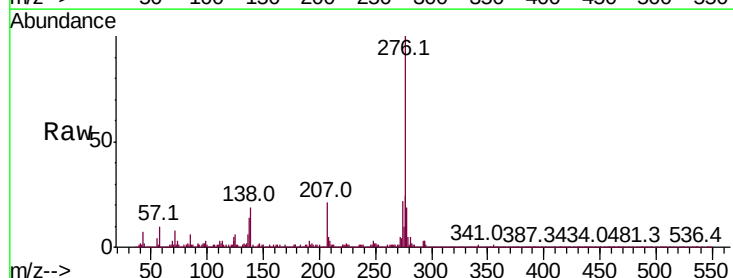
Tgt Ion:276 Resp: 748037

Ion Ratio Lower Upper

276 100

138 18.6 19.3 28.9#

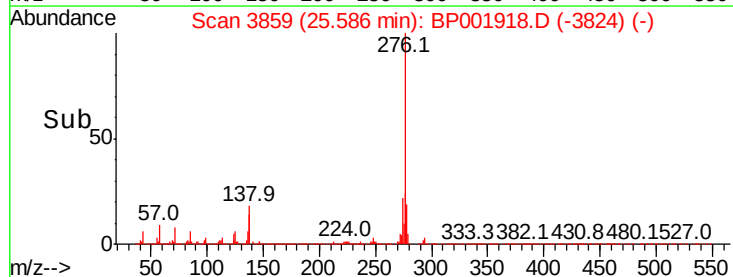
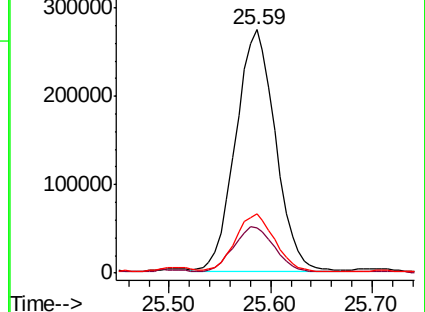
277 24.1 20.0 30.0

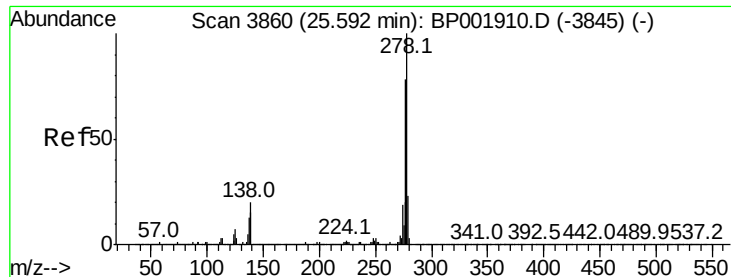


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.491 ng/ul

RT: 25.59 min Scan# 3860

Delta R.T. -0.00 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

Instrument :

BNA_P

ClientSampleId :

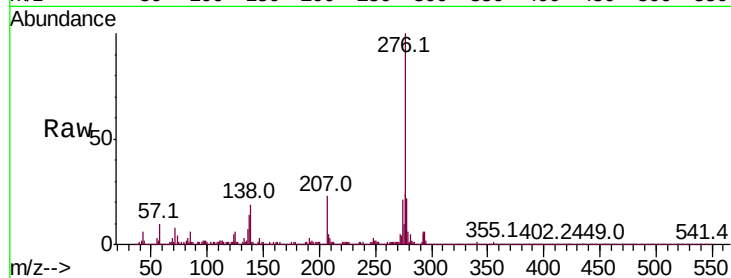
Tot Ion:278 Resp: 179366

Ion Ratio Lower Upper

278 100

139 0.0 13.3 19.9#

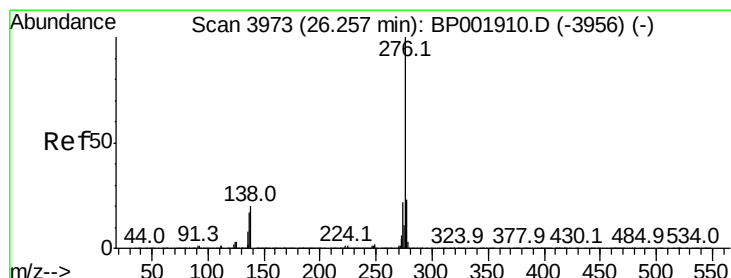
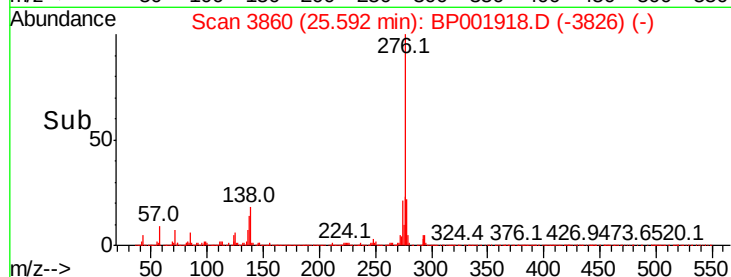
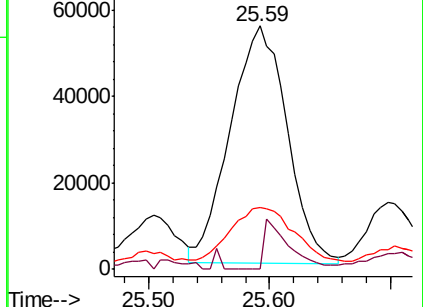
279 25.6 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.989 ng/ul

RT: 26.27 min Scan# 3975

Delta R.T. 0.01 min

Lab File: BP001918.D

Acq: 26 Feb 2020 09:17

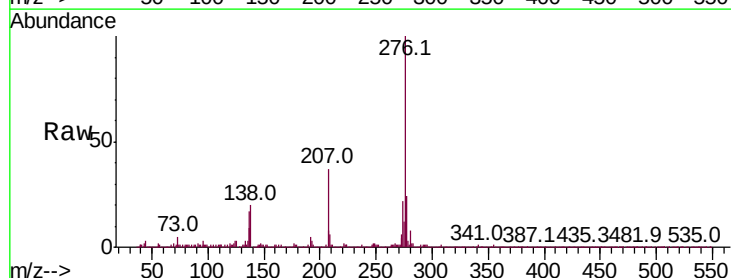
Tgt Ion:276 Resp: 485708

Ion Ratio Lower Upper

276 100

138 20.2 17.7 26.5

277 23.9 18.8 28.2



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

