

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021920\
 Data File : BP001790.D
 Acq On : 19 Feb 2020 22:17
 Operator : CG/JU
 Sample : L1424-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 20 00:55:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 02:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	443393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1861974	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1154289	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2541461	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2521461	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2725553	20.00	ng/ul	0.00

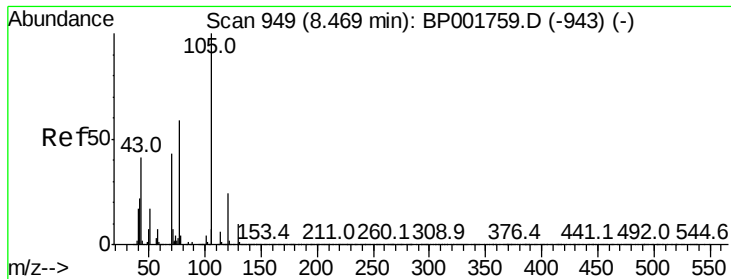
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	38079	3.57	ng/uL	0.00
5) Phenol-d5	6.83	99	708777	21.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	420114	21.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	604920	22.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	562444	21.16	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	278125	22.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	276645	24.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	591690	21.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	612329	19.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1755602	21.67	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2185778	21.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	216191	15.33	ng/ul	0.00
58) Fluorene-d10	15.29	176	1617929	22.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	119661	11.94	ng/ul	0.00
71) Anthracene-d10	17.14	188	2418978	21.61	ng/ul	0.00
79) Pyrene-d10	19.39	212	2816411	21.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2998279	22.78	ng/ul	0.00

Target Compounds

					Ovalue
14) Acetophenone	8.47	105	42142	1.026	ng/ul 99
45) Dimethylphthalate	13.75	163	154428	1.811	ng/ul 99
70) Phenanthrene	17.09	178	1047106	7.471	ng/ul 100
72) Anthracene	17.17	178	348540	2.518	ng/ul 100
77) Fluoranthene	19.06	202	3951709	26.330	ng/ul 100
80) Pyrene	19.42	202	3688918	21.508	ng/ul 100
83) Benzo(a)anthracene	21.12	228	2241130	13.497	ng/ul 99
85) Chrysene	21.17	228	2062138	12.712	ng/ul 97
88) Benzo(b)fluoranthene	22.69	252	2692630	16.789	ng/ul 98
89) Benzo(k)fluoranthene	22.69	252	2692630	16.197	ng/ul 98
91) Benzo(a)pyrene	23.25	252	2014663	13.404	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.58	276	1293555	6.890	ng/ul 97
93) Dibenzo(a,h)anthracene	25.59	278	326938	2.073	ng/ul# 83
94) Benzo(g,h,i)perylene	26.26	276	1194315	7.483	ng/ul 99

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



#14

Acetophenone

Concen: 1.026 ng/ul

RT: 8.47 min Scan# 949

Delta R.T. 0.00 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

Instrument :

BNA_P

ClientSampleId :

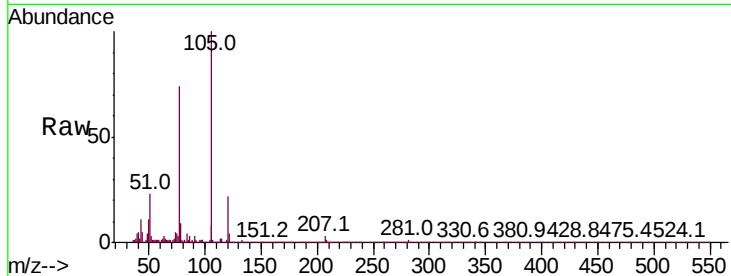
Tot Ion:105 Resp: 42142

Ion Ratio Lower Upper

105 100

77 74.0 59.8 89.6

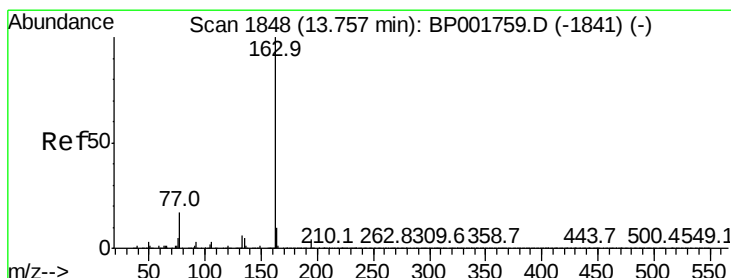
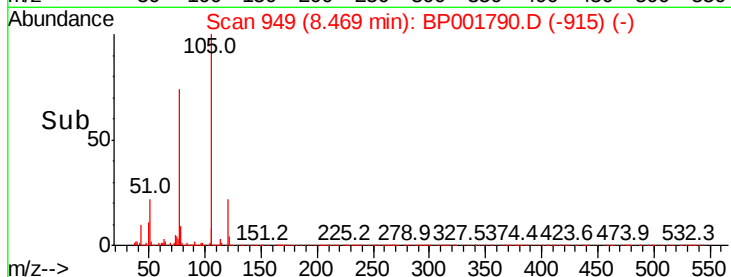
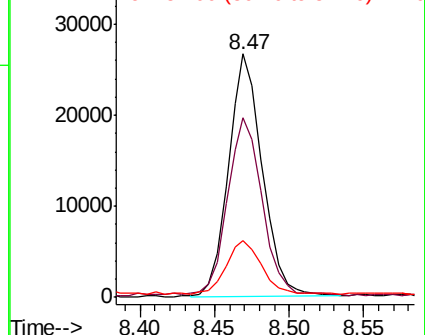
51 23.3 17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#45

Dimethylphthalate

Concen: 1.811 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

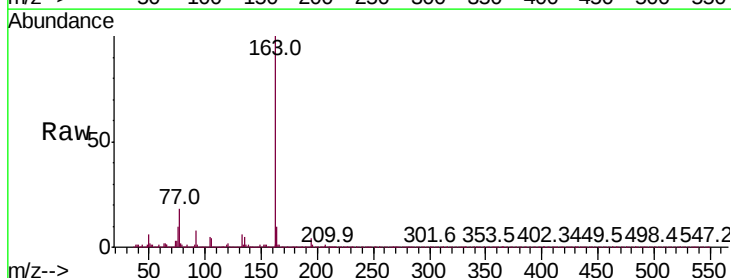
Tgt Ion:163 Resp: 154428

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

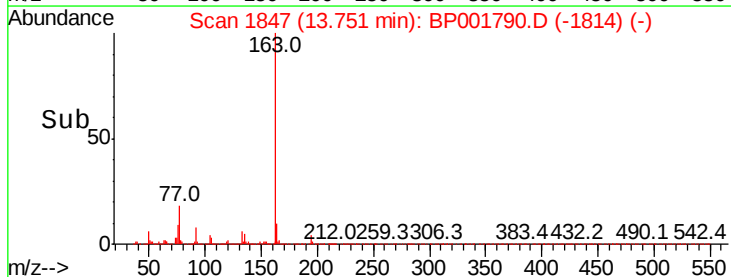
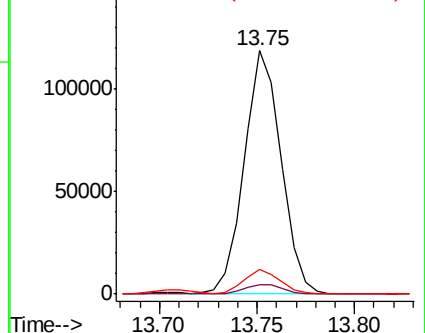
164 10.4 8.0 12.0

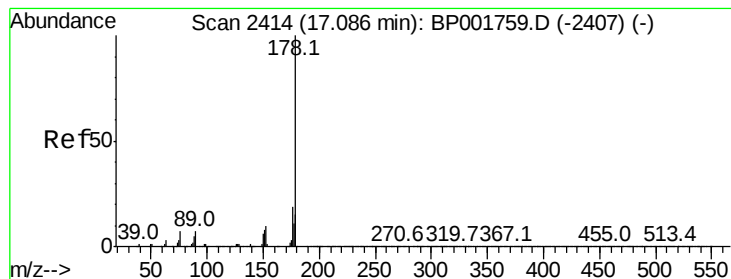


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 7.471 ng/ul

RT: 17.09 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

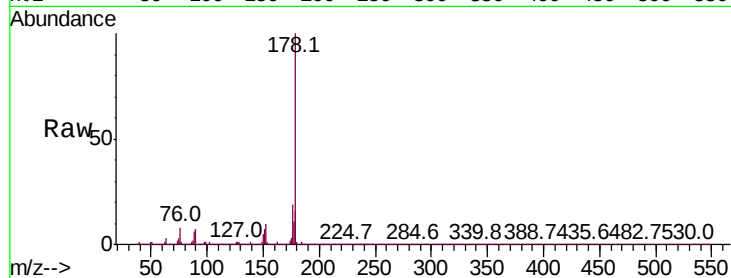
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 1047106

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.9	15.3	22.9

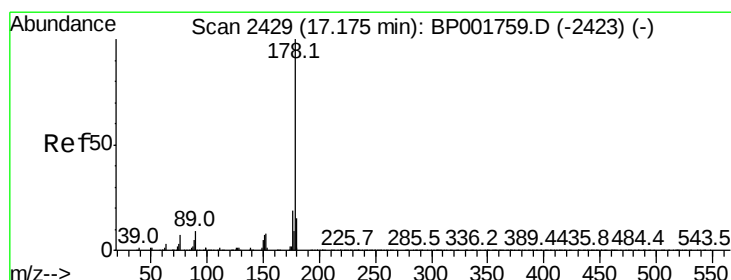
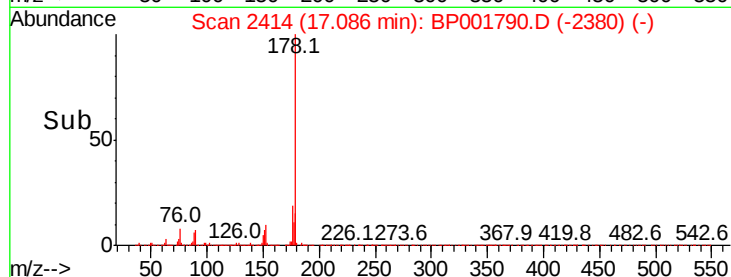
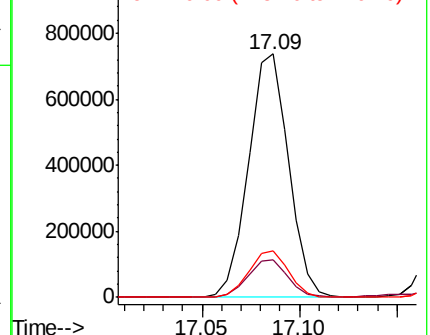


Abundance

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: 2.518 ng/ul

RT: 17.17 min Scan# 2429

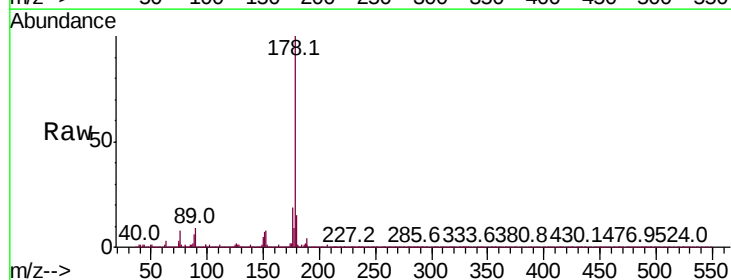
Delta R.T. 0.00 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

Tgt Ion:178 Resp: 348540

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.5	14.8	22.2

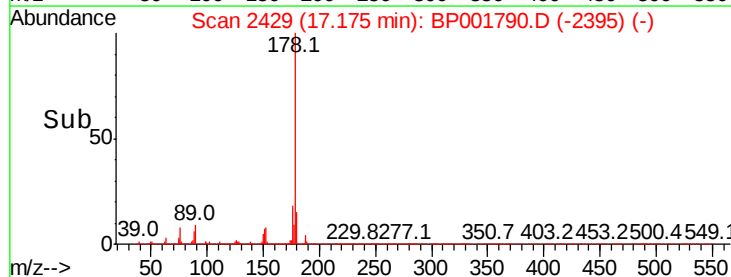
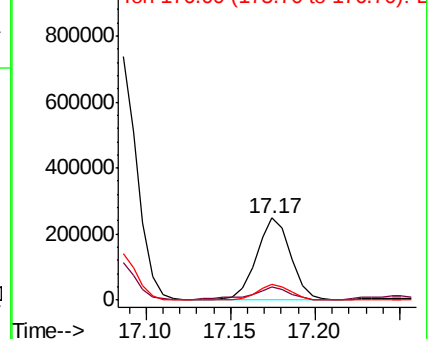


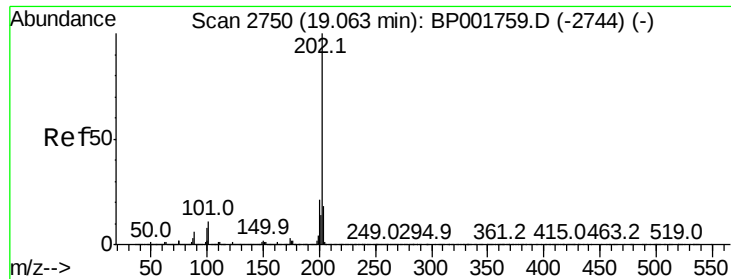
Abundance

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



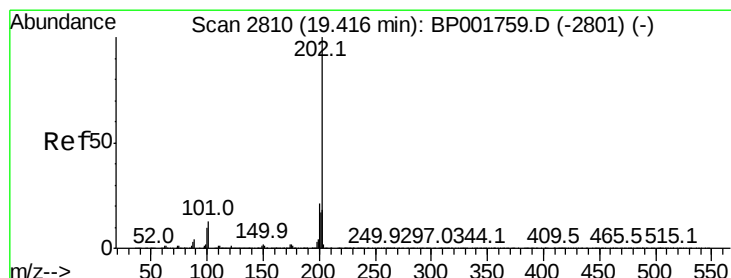
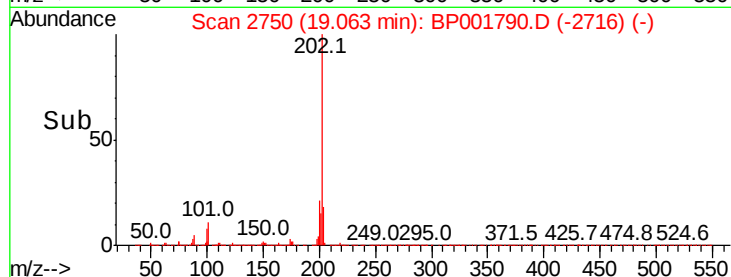
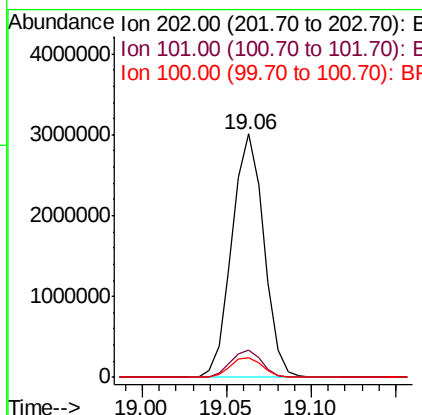
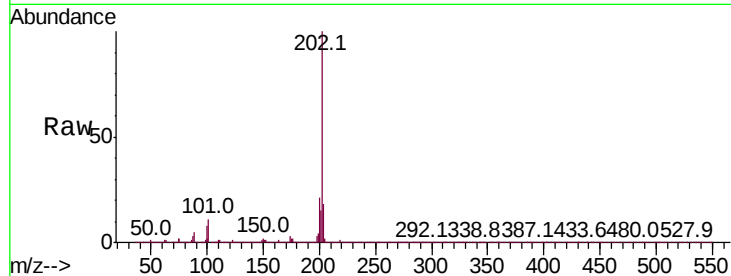


#77
 Fluoranthene
 Concen: 26.330 ng/ul
 RT: 19.06 min Scan# 2750
 Delta R.T. -0.00 min
 Lab File: BP001790.D
 Acq: 19 Feb 2020 22:17

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:202 Resp: 3951709

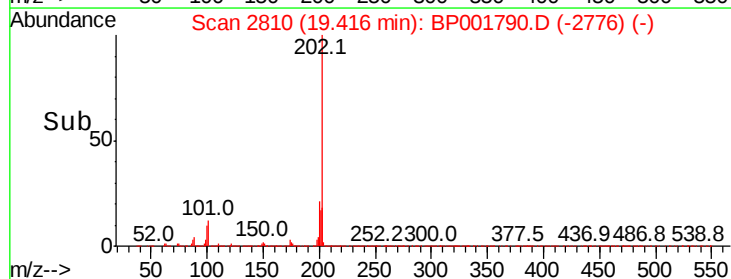
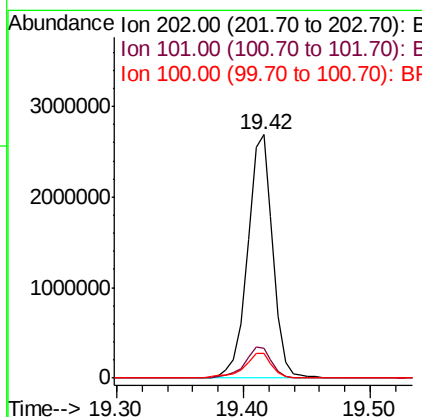
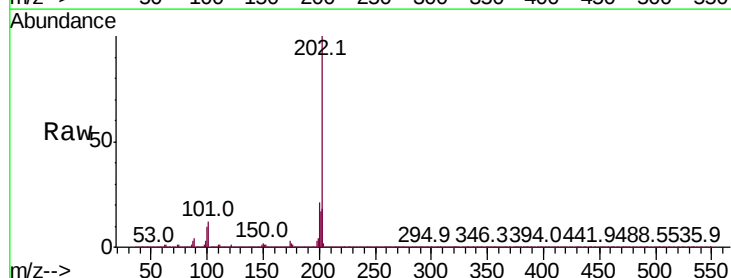
Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	8.3	6.6	9.8

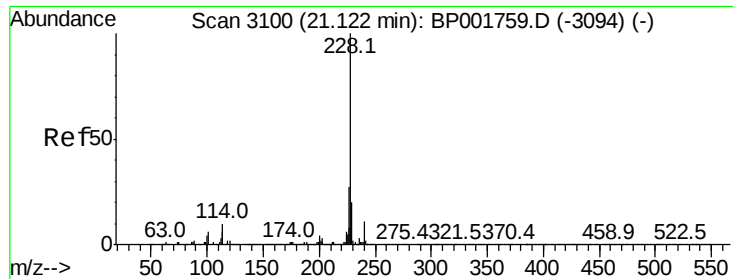


#80
 Pyrene
 Concen: 21.508 ng/ul
 RT: 19.42 min Scan# 2810
 Delta R.T. -0.00 min
 Lab File: BP001790.D
 Acq: 19 Feb 2020 22:17

Tgt Ion:202 Resp: 3688918

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.2	15.2
100	10.1	8.2	12.2





#83

Benzo(a)anthracene

Concen: 13.497 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. 0.00 min

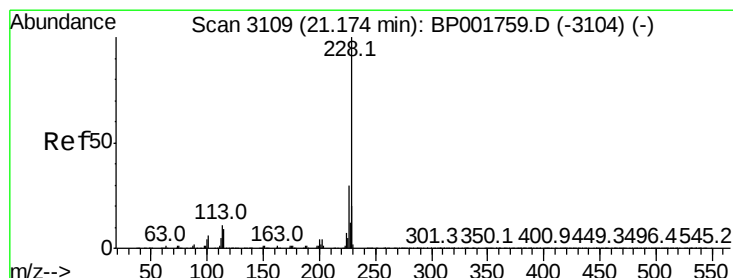
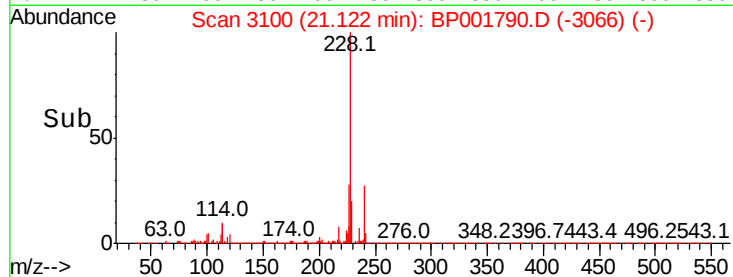
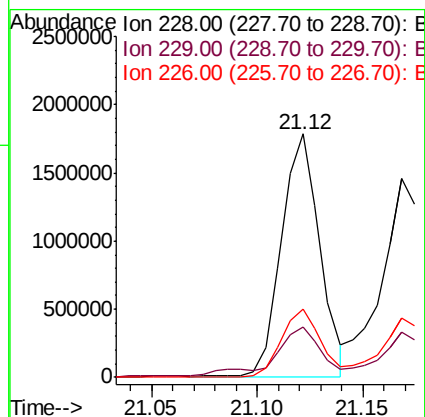
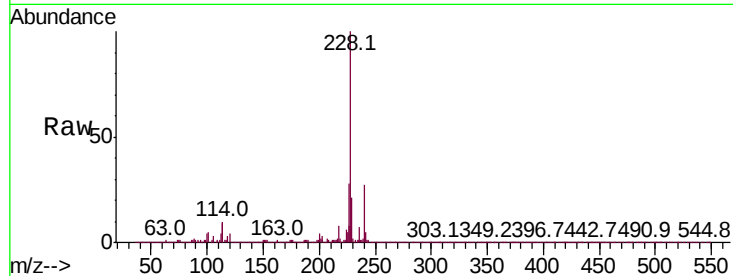
Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

Instrument :
BNA_P
ClientSampled :

Tot Ion:228 Resp: 2241130

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.4
226	27.9	22.0	33.0



#85

Chrysene

Concen: 12.712 ng/ul

RT: 21.17 min Scan# 3108

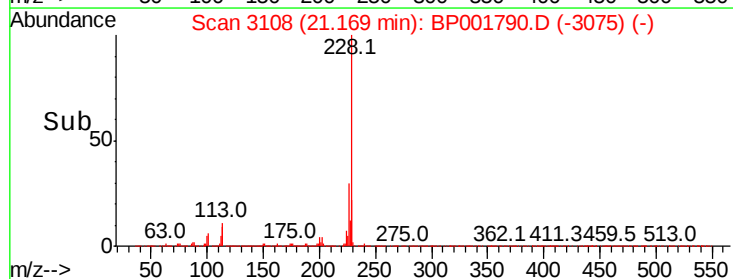
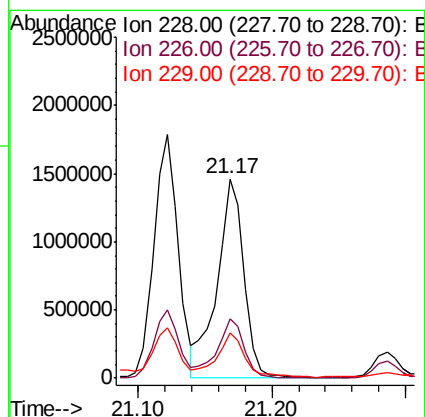
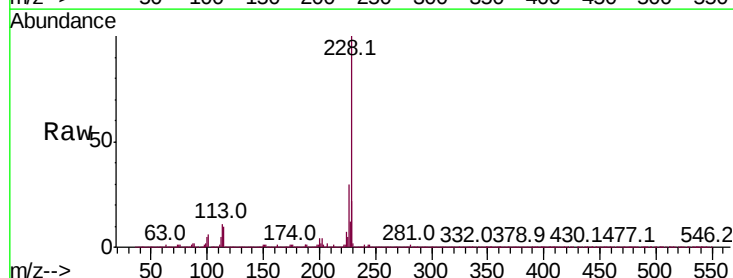
Delta R.T. -0.01 min

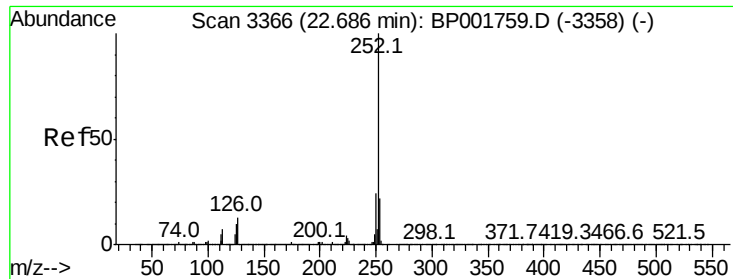
Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

Tgt Ion:228 Resp: 2062138

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	22.4	15.7	23.5





#88

Benzo(b)fluoranthene

Concen: 16.789 ng/u1

RT: 22.69 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

Instrument :

BNA_P

ClientSampleId :

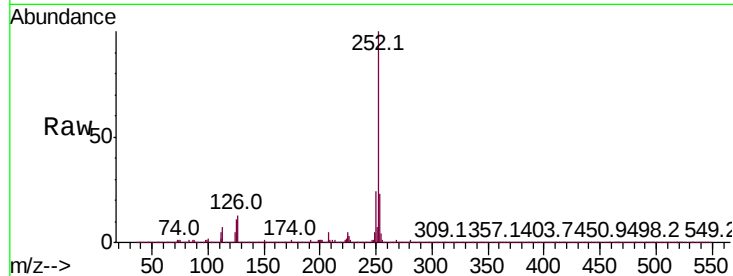
Tot Ion:252 Resp: 2692630

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

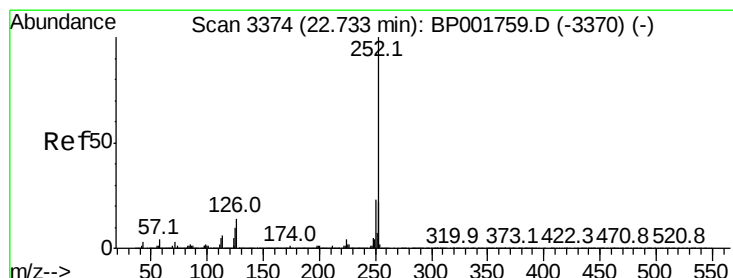
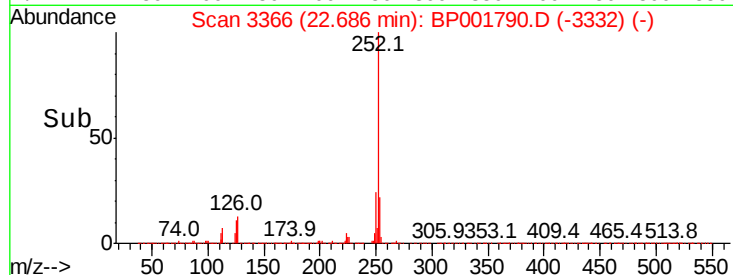
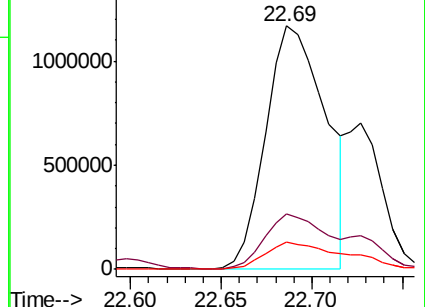
125 11.0 7.8 11.6



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: 16.197 ng/u1

RT: 22.69 min Scan# 3366

Delta R.T. -0.05 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

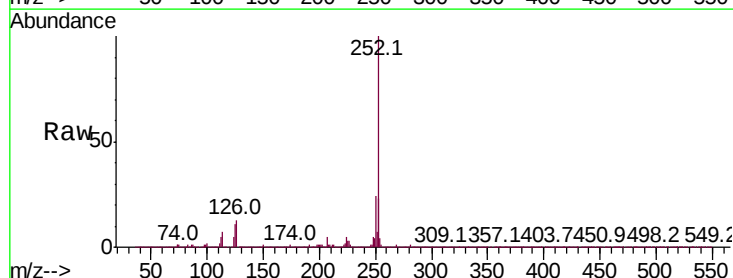
Tgt Ion:252 Resp: 2692630

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

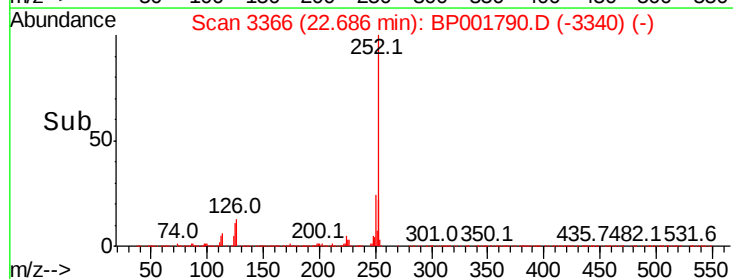
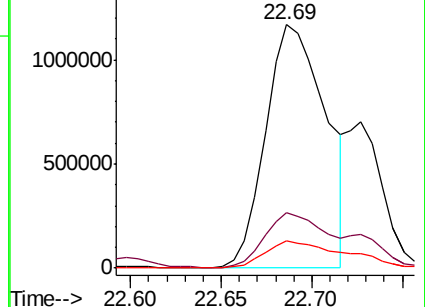
125 11.0 8.0 12.0

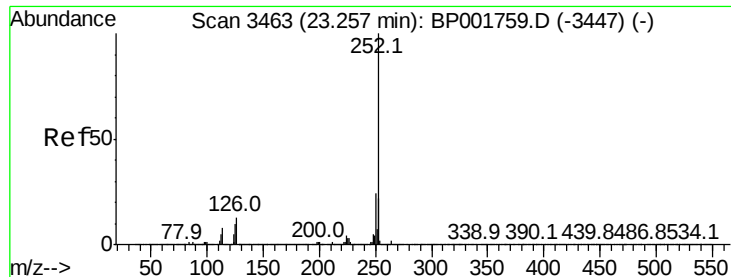


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 13.404 ng/u1

RT: 23.25 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

Instrument :

BNA_P

ClientSampleId :

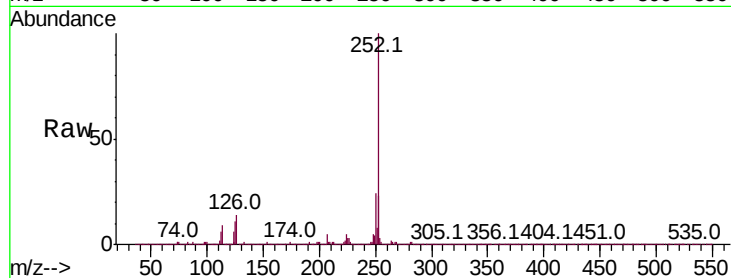
Tot Ion:252 Resp: 2014663

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

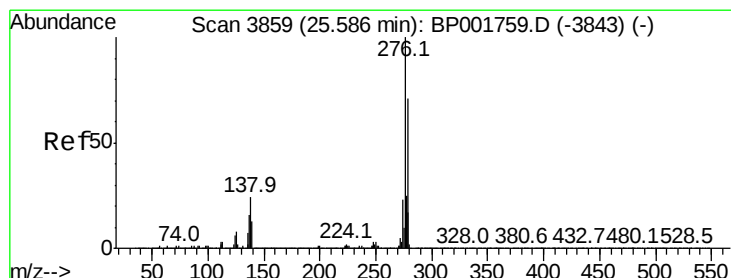
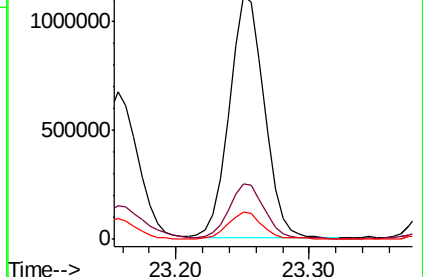
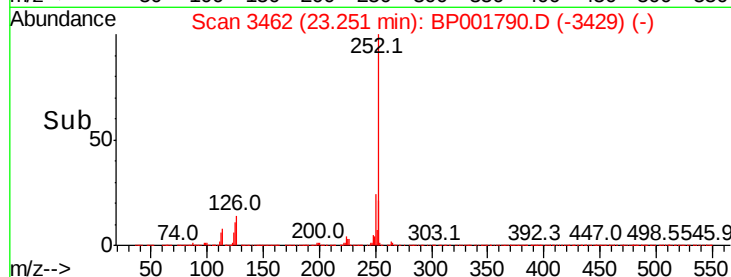
125 11.4 8.3 12.5



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: 6.890 ng/u1

RT: 25.58 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

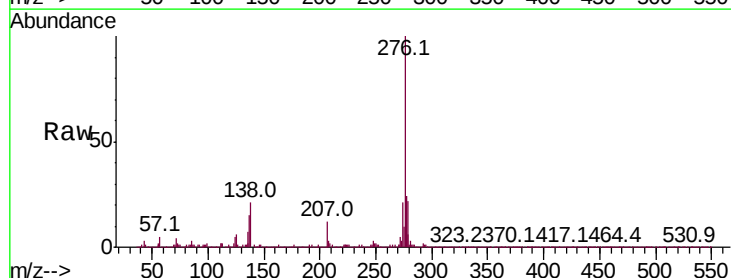
Tgt Ion:276 Resp: 1293555

Ion Ratio Lower Upper

276 100

138 21.5 19.3 28.9

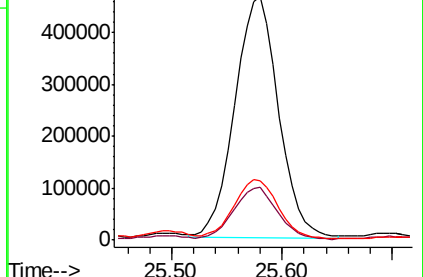
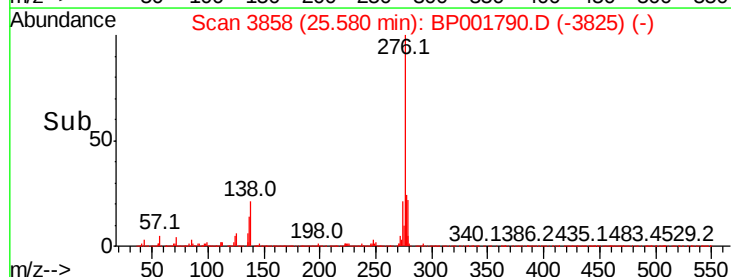
277 24.1 20.0 30.0

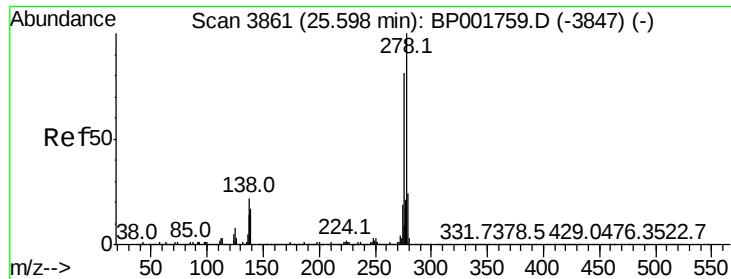


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 2.073 ng/ul

RT: 25.59 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

Instrument :

BNA_P

ClientSampleId :

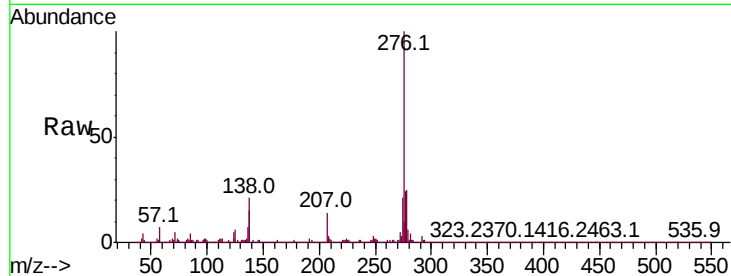
Tot Ion:278 Resp: 326938

Ion Ratio Lower Upper

278 100

139 0.0 13.3 19.9#

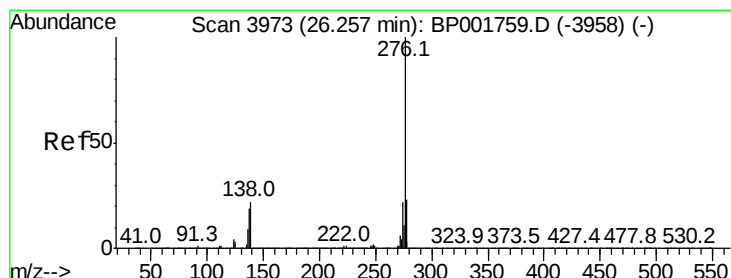
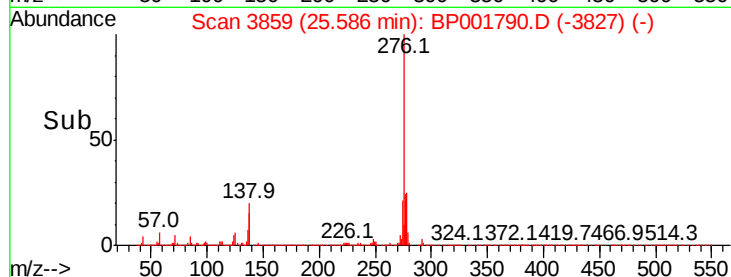
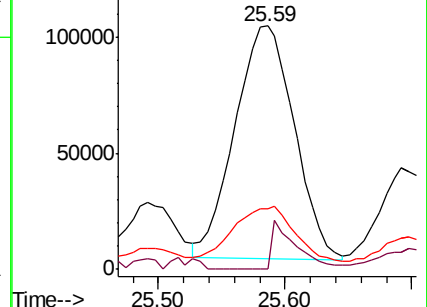
279 25.0 19.3 28.9



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: 7.483 ng/ul

RT: 26.26 min Scan# 3973

Delta R.T. -0.00 min

Lab File: BP001790.D

Acq: 19 Feb 2020 22:17

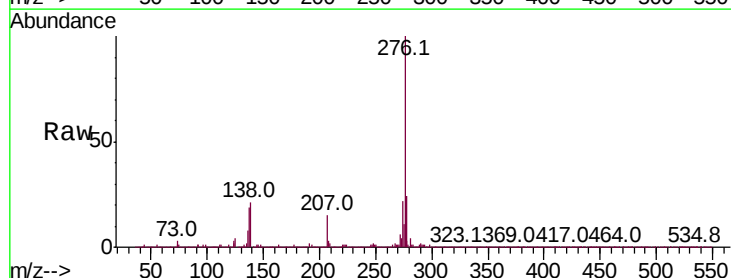
Tgt Ion:276 Resp: 1194315

Ion Ratio Lower Upper

276 100

138 21.4 17.7 26.5

277 23.6 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

