

Data File : BP001803.D
Acq On : 20 Feb 2020 15:37
Operator : CG/JU
Sample : L1418-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AW1

Quant Time: Feb 21 06:40:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 06:37:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	351271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1445412	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	892533	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1995223	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2112944	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2251514	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	28104	3.32	ng/uL	0.00
5) Phenol-d5	6.83	99	555275	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	318276	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	473858	22.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	397843	18.90	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	211582	21.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	211673	23.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	450178	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	392710	15.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1425393	22.76	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1744199	22.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	181172	16.61	ng/ul	0.00
58) Fluorene-d10	15.29	176	1323268	23.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	97264	12.36	ng/ul	0.00
71) Anthracene-d10	17.14	188	2049722	23.32	ng/ul	0.00
79) Pyrene-d10	19.39	212	2512618	23.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2686854	24.71	ng/ul	0.00

Target Compounds

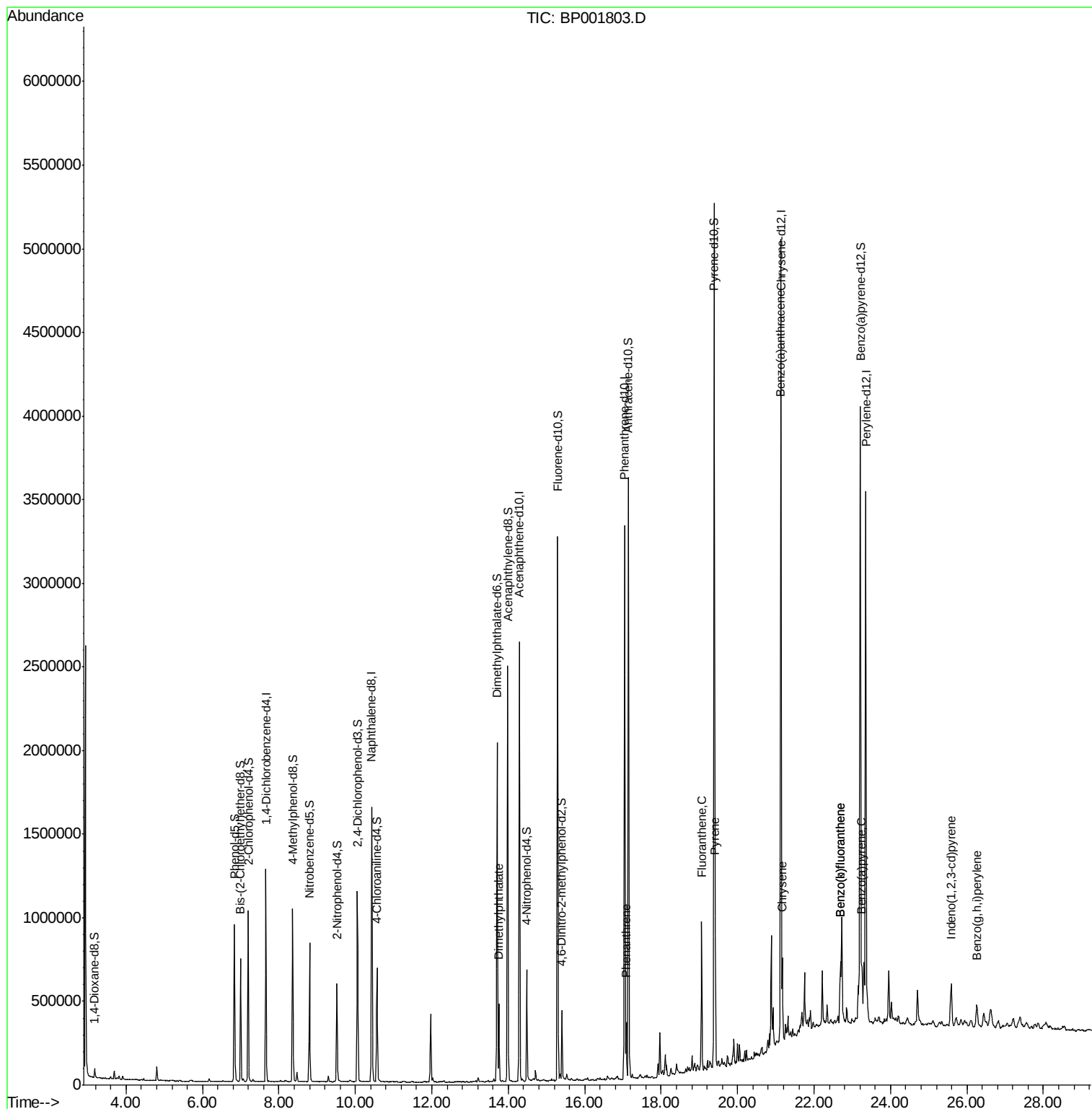
					Qvalue
45) Dimethylphthalate	13.75	163	286595	4.347 ng/ul	100
70) Phenanthrene	17.09	178	203827	1.852 ng/ul	99
77) Fluoranthene	19.06	202	519853	4.412 ng/ul	97
80) Pyrene	19.41	202	500166	3.480 ng/ul	99
83) Benzo(a)anthracene	21.12	228	277428	1.994 ng/ul	98
85) Chrysene	21.17	228	271318	1.996 ng/ul	97
88) Benzo(b)fluoranthene	22.69	252	343695	2.594 ng/ul	97
89) Benzo(k)fluoranthene	22.69	252	343695	2.503 ng/ul	97
91) Benzo(a)pyrene	23.25	252	250798	2.020 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.57	276	167636	1.081 ng/ul	95
94) Benzo(g,h,i)perylene	26.26	276	154176	1.169 ng/ul	99

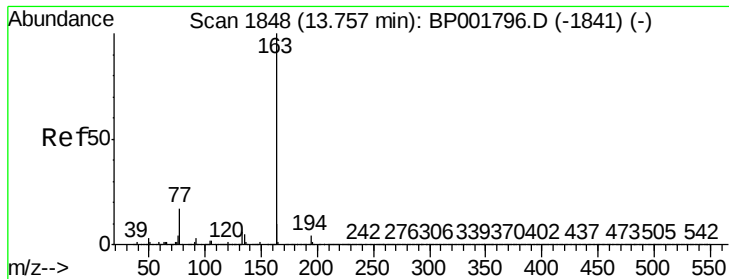
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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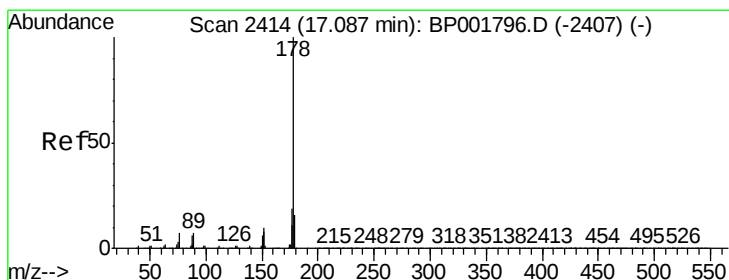
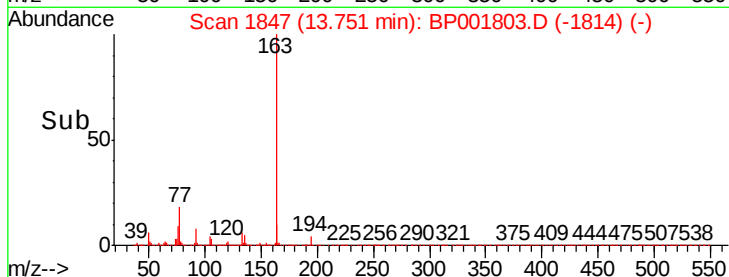
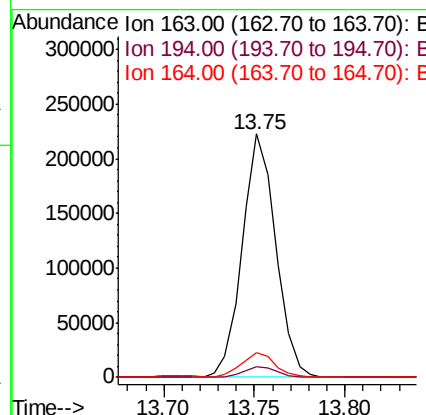
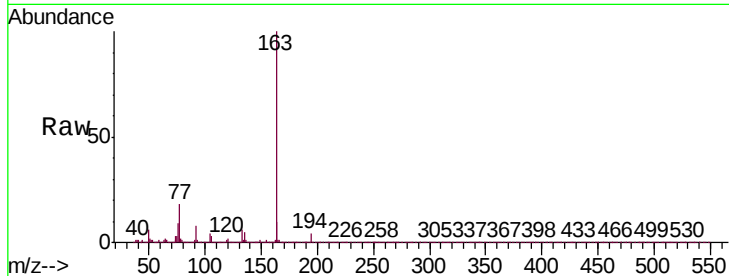




#45
Dimethylphthalate
Concen: 4.347 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
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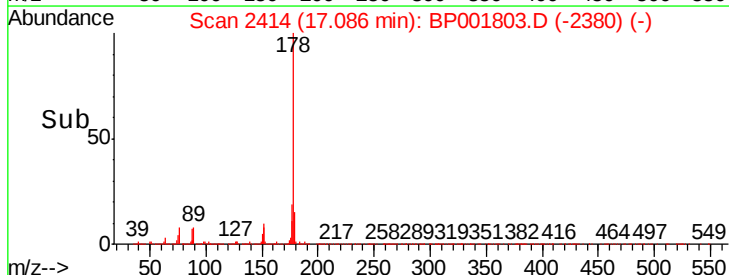
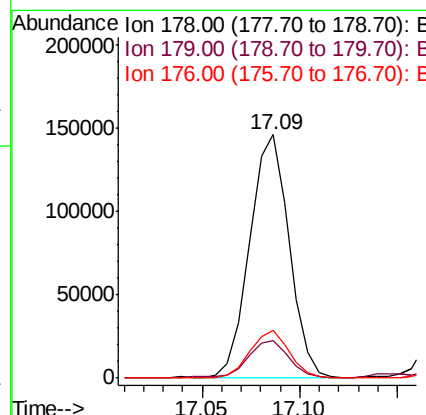
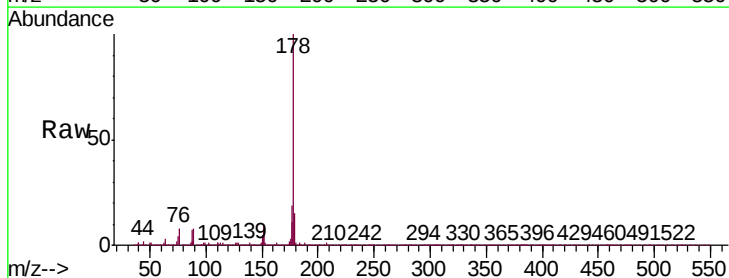
Instrument :
BNA_P
ClientSampleId :
C5AW1

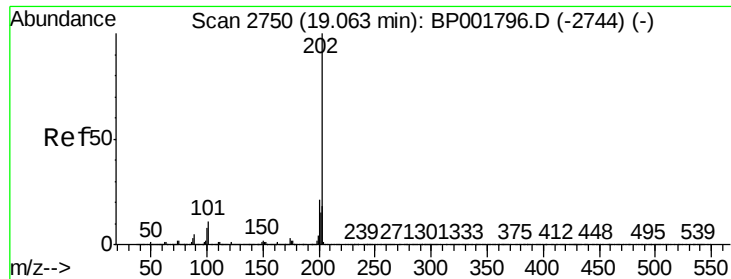
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.0	8.0	12.0



#70
Phenanthrene
Concen: 1.852 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP001803.D
Acq: 20 Feb 2020 15:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.4	15.3	22.9

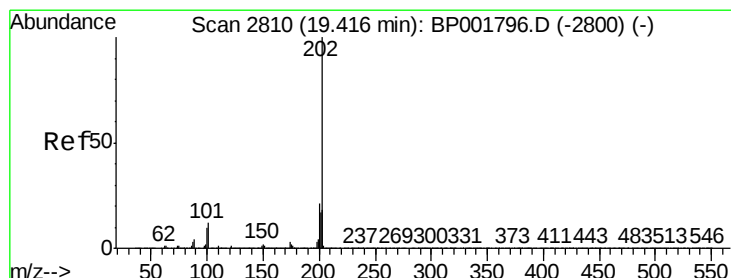
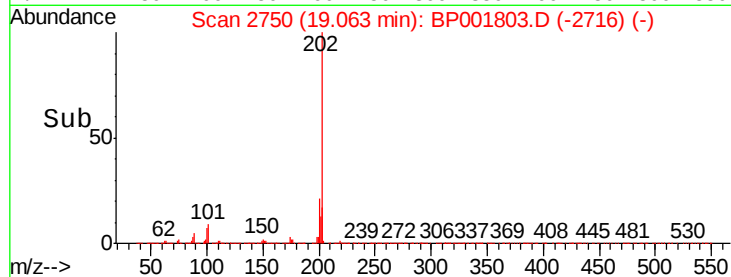
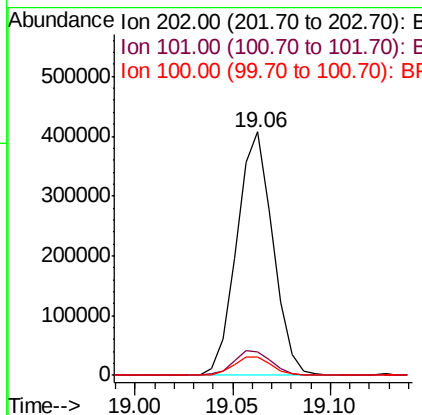
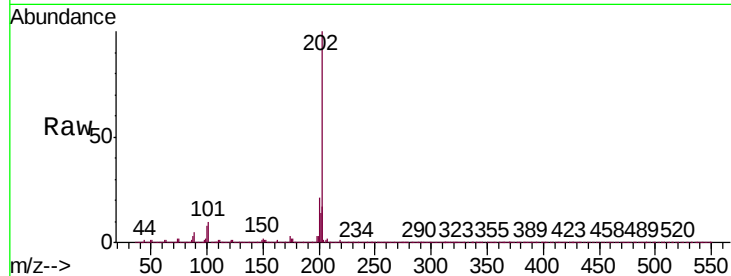




#77
Fluoranthene
Concen: 4.412 ng/ul
RT: 19.06 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BP001803.D
Acq: 20 Feb 2020 15:37

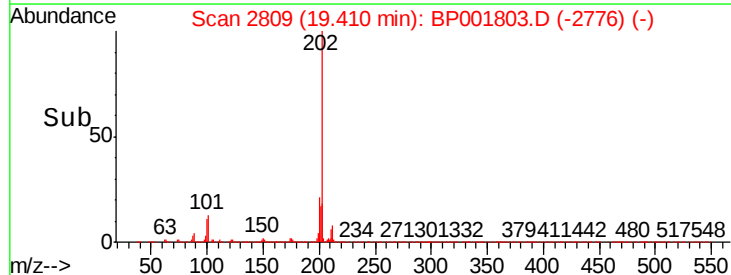
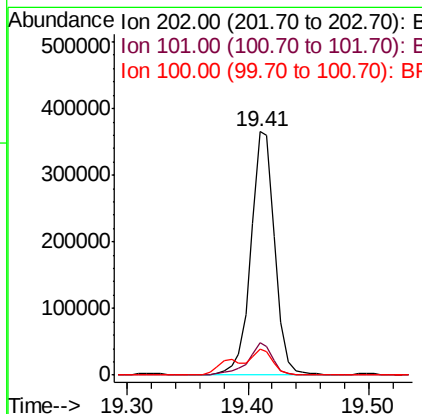
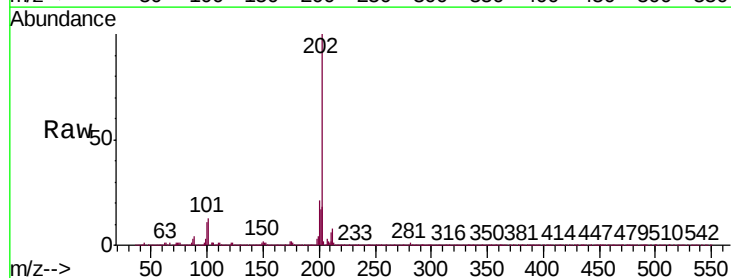
Instrument :
BNA_P
ClientSampled :
C5AW1

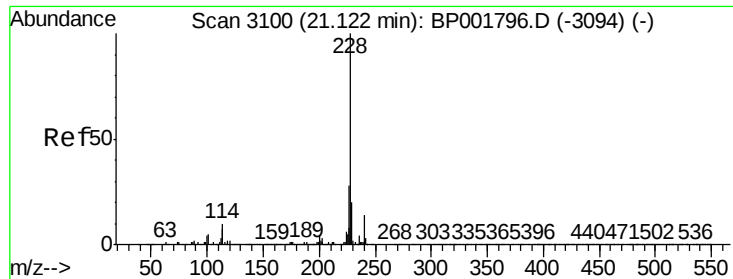
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.1	13.7
100	7.5	6.6	9.8



#80
Pyrene
Concen: 3.480 ng/ul
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP001803.D
Acq: 20 Feb 2020 15:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.2	15.2
100	10.5	8.2	12.2

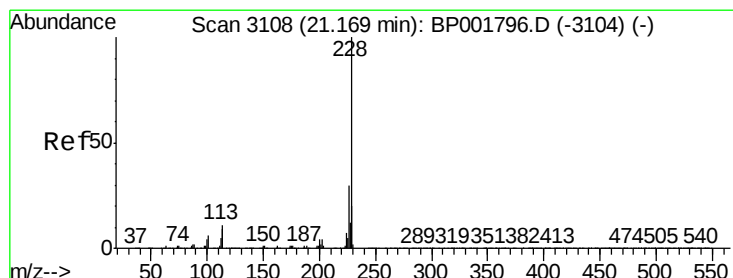
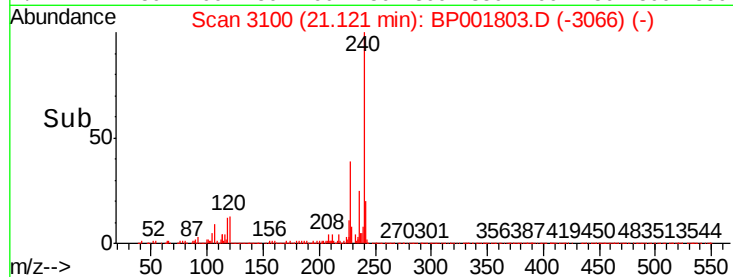
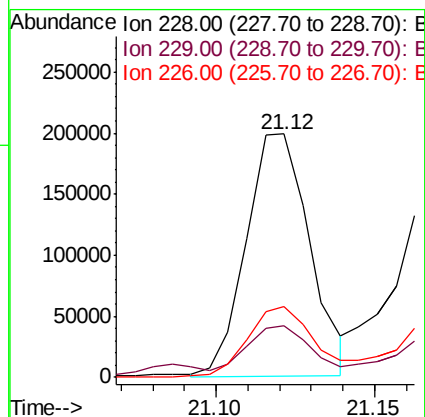
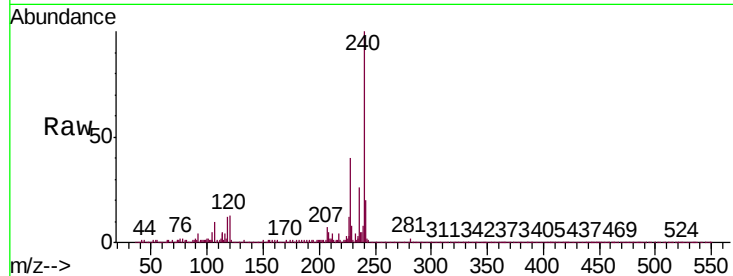




#83
Benzo(a)anthracene
Concen: 1.994 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BP001803.D
Acq: 20 Feb 2020 15:37

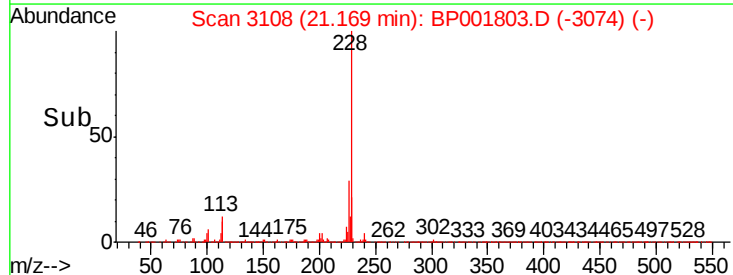
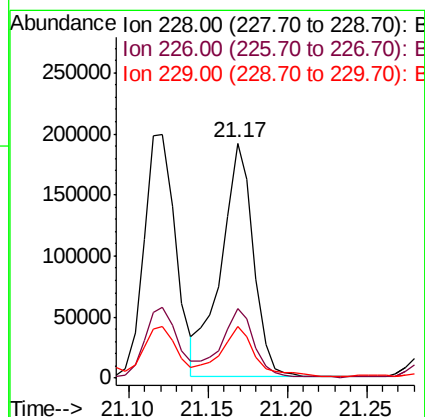
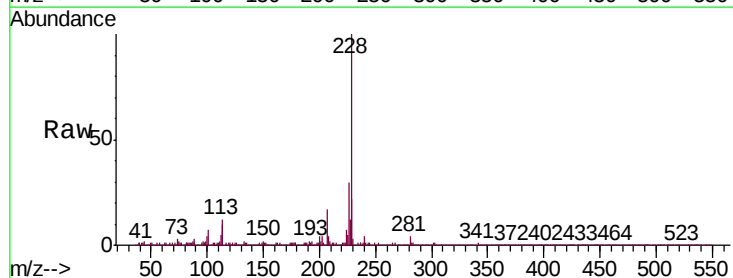
Instrument :
BNA_P
ClientSampleId :
C5AW1

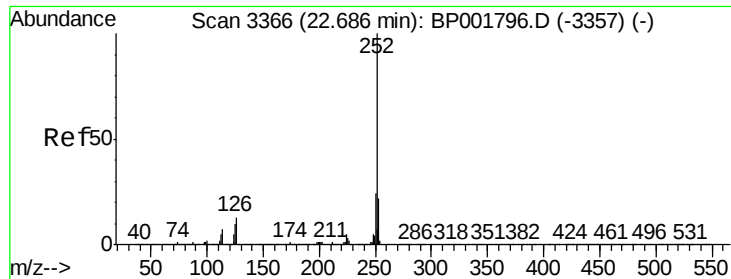
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.4
226	29.1	22.0	33.0



#85
Chrysene
Concen: 1.996 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BP001803.D
Acq: 20 Feb 2020 15:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	21.8	15.7	23.5





#88

Benzo(b)fluoranthene

Concen: 2.594 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BP001803.D

Acq: 20 Feb 2020 15:37

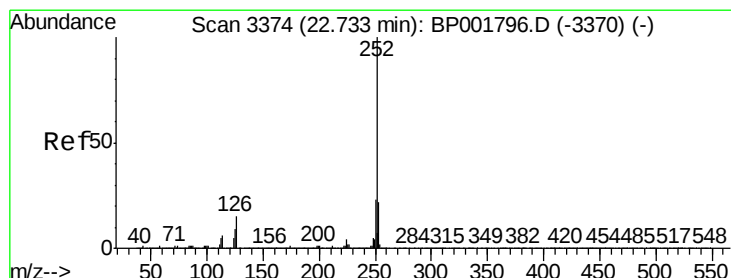
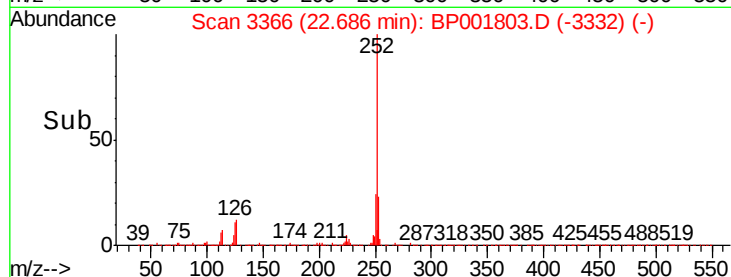
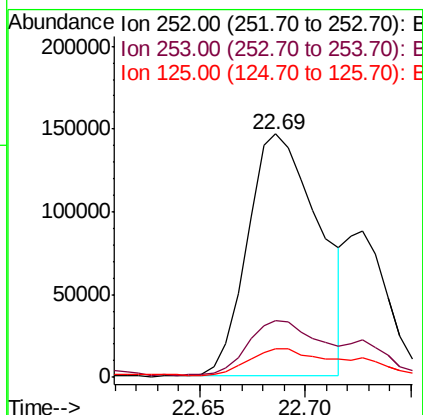
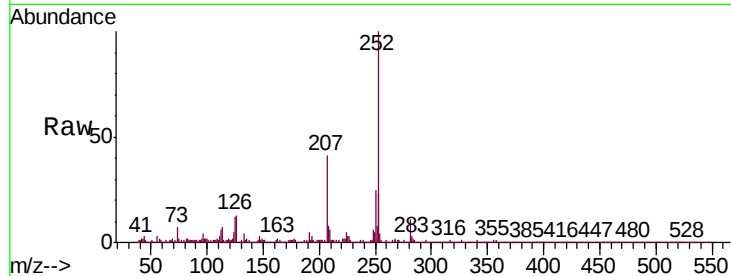
Instrument :

BNA_P

ClientSampleId :

C5AW1

Tgt Ion:	252	Resp:	343695
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	11.6	7.8	11.6



#89

Benzo(k)fluoranthene

Concen: 2.503 ng/ul

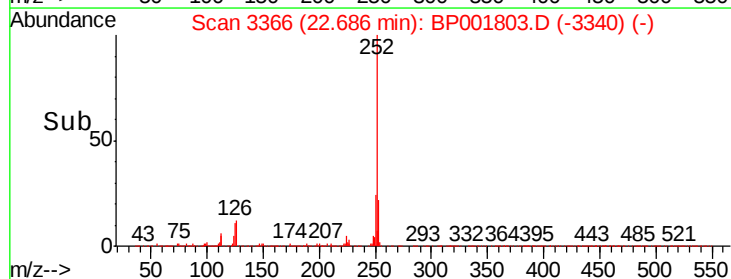
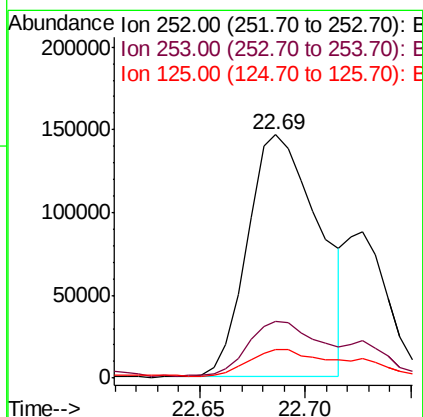
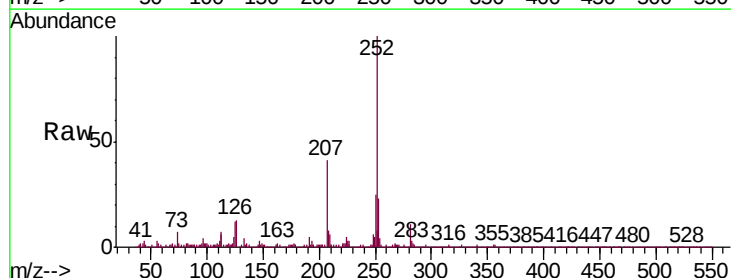
RT: 22.69 min Scan# 3366

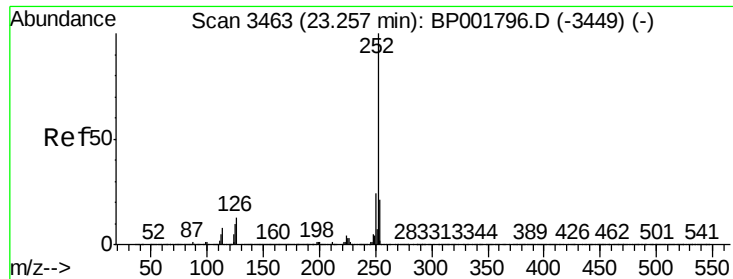
Delta R.T. -0.05 min

Lab File: BP001803.D

Acq: 20 Feb 2020 15:37

Tgt Ion:	252	Resp:	343695
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	11.6	8.0	12.0





#91

Benzo(a)pyrene

Concen: 2.020 ng/ul

RT: 23.25 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BP001803.D

Acq: 20 Feb 2020 15:37

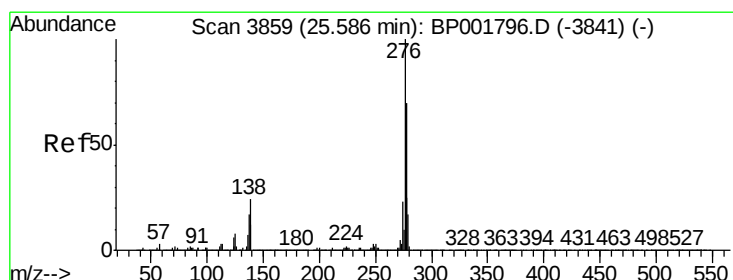
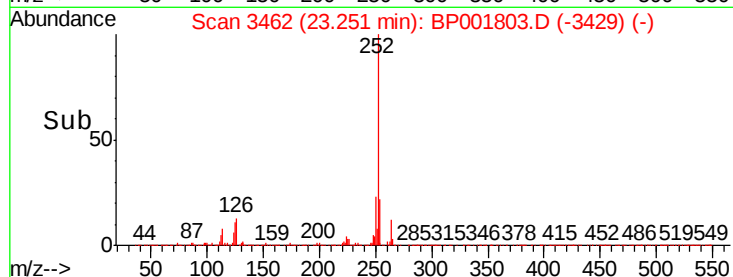
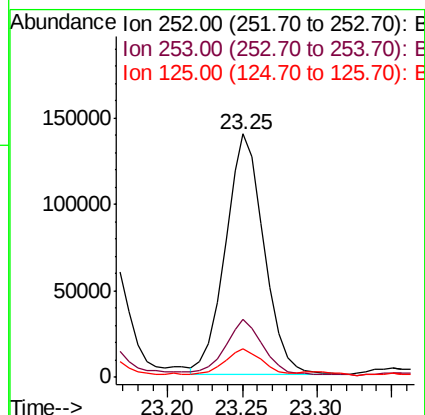
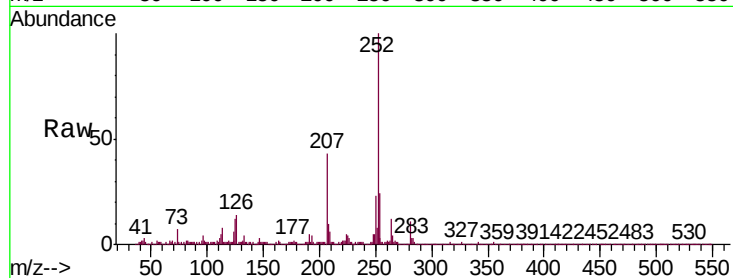
Instrument :

BNA_P

ClientSampleId :

C5AW1

Tgt Ion:	252	Resp:	250798
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	11.9	8.3	12.5



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.081 ng/ul

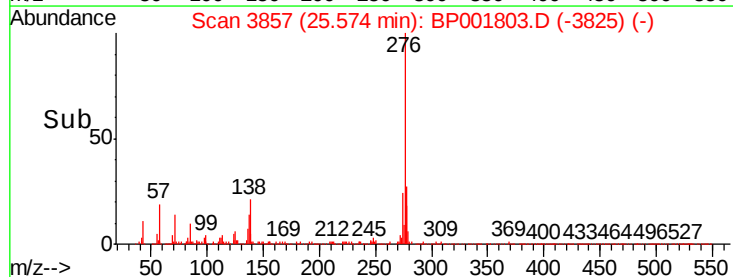
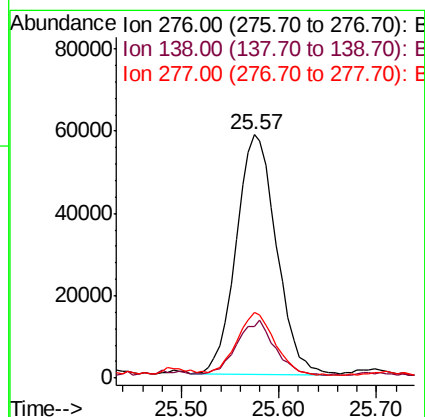
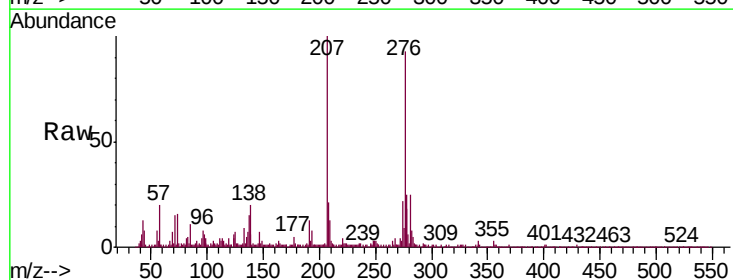
RT: 25.57 min Scan# 3857

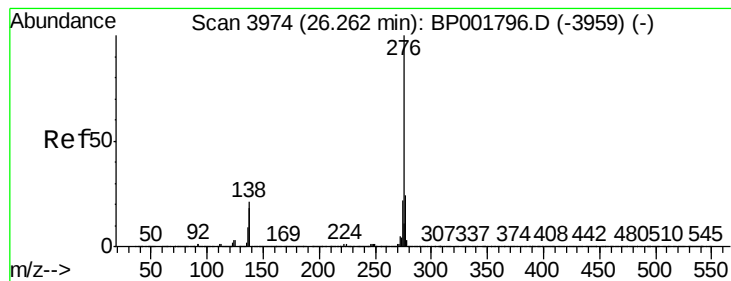
Delta R.T. -0.01 min

Lab File: BP001803.D

Acq: 20 Feb 2020 15:37

Tgt Ion:	276	Resp:	167636
Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.3	28.9
277	27.0	20.0	30.0





#94

Benzo(g,h,i)perylene

Concen: 1.169 ng/ul

RT: 26.26 min Scan# 3973

Delta R.T. -0.01 min

Lab File: BP001803.D

Acq: 20 Feb 2020 15:37

Instrument :

BNA_P

ClientSampleId :

C5AW1

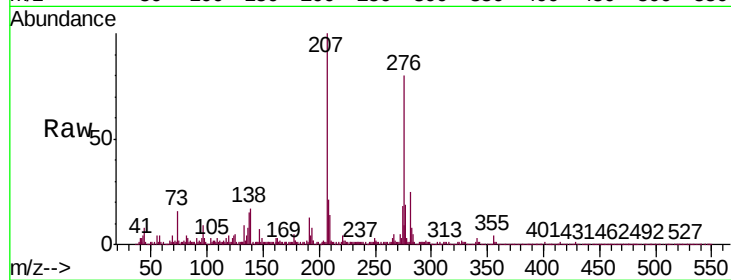
Tgt Ion: 276 Resp: 154176

Ion Ratio Lower Upper

276 100

138 21.2 17.7 26.5

277 23.7 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

