

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101219\
 Data File : BP000658.D
 Acq On : 12 Oct 2019 11:31
 Operator : JU
 Sample : K5199-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 12 21:46:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 17:20:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	225687	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	862162	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	477878	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	874045	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	721693	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	757040	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.38	96	30677	5.64	ng/uL	0.00
5) Phenol-d5	6.38	99	527466	30.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	276947	31.82	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	446468	30.44	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	409544	30.79	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	214335	32.70	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	231814	33.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	396556	29.69	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	508958	34.26	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1109493	33.17	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1323600	32.16	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	117066	22.72	ng/ul	0.00
58) Fluorene-d10	10.32	176	925500	32.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	92269	22.17	ng/ul	0.00
71) Anthracene-d10	11.35	188	1336387	33.01	ng/ul	0.00
79) Pyrene-d10	12.73	212	1378664	33.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1269539	33.97	ng/ul	0.00

Target Compounds

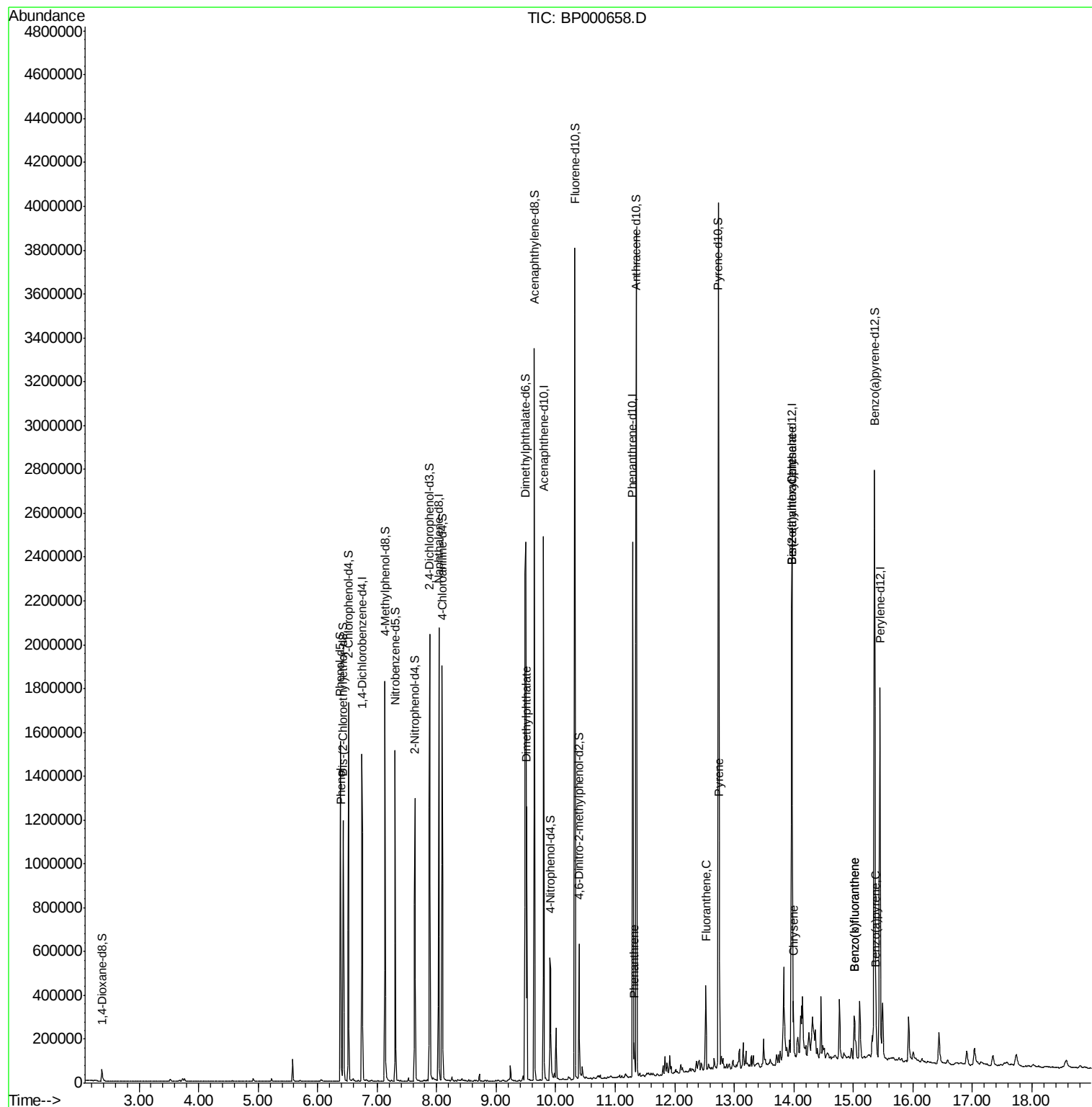
					Ovalue	
6) Phenol	6.39	94	39925	2.275	ng/ul#	90
45) Dimethylphthalate	9.51	163	471415	14.143	ng/ul	99
70) Phenanthrene	11.32	178	54094	1.136	ng/ul	100
77) Fluoranthene	12.52	202	145418	2.979	ng/ul	98
80) Pyrene	12.75	202	152863	2.985	ng/ul#	93
83) Benzo(a)anthracene	13.96	228	95950	1.981	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	97092	3.491	ng/ul	100
85) Chrysene	13.99	228	87219	1.937	ng/ul	97
88) Benzo(b)fluoranthene	15.02	252	102564	2.271	ng/ul	98
89) Benzo(k)fluoranthene	15.02	252	102774	2.389	ng/ul	97
91) Benzo(a)pyrene	15.38	252	79308	1.854	ng/ul	98

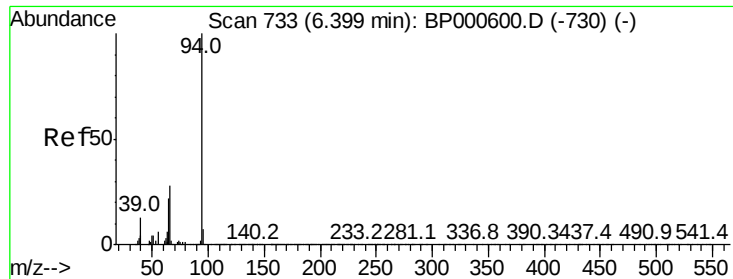
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.275 ng/ul

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BP000658.D

Acq: 12 Oct 2019 11:31

Instrument :

BNA_P

ClientSampleId :

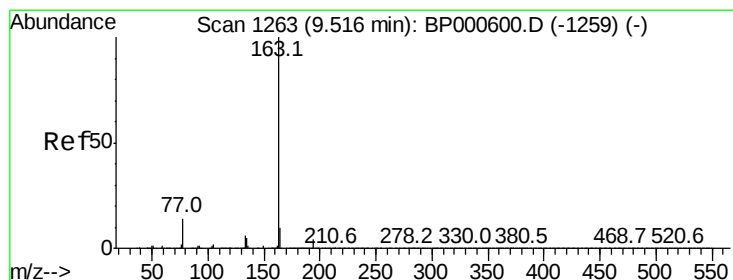
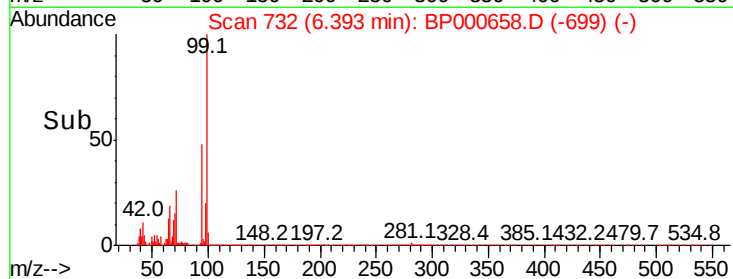
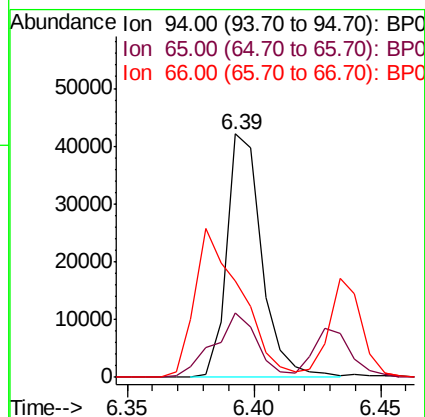
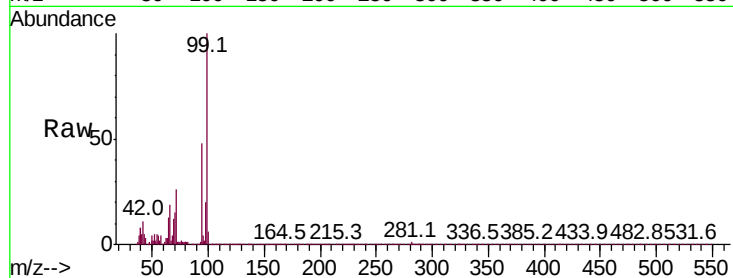
Tot Ion: 94 Resp: 39925

Ion Ratio Lower Upper

94 100

65 26.5 19.2 28.8

66 39.8 25.7 38.5#



#45

Dimethylphthalate

Concen: 14.143 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000658.D

Acq: 12 Oct 2019 11:31

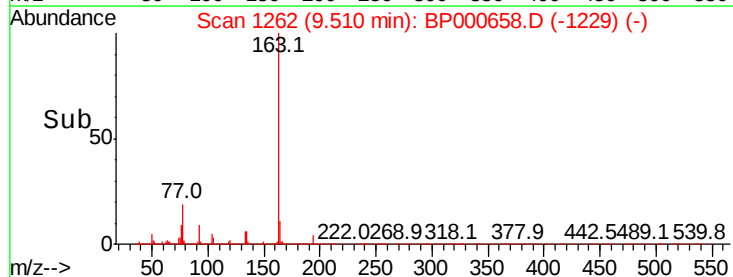
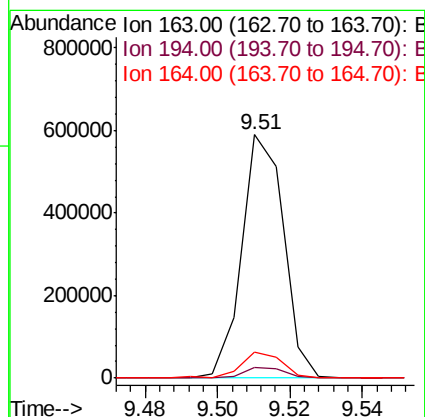
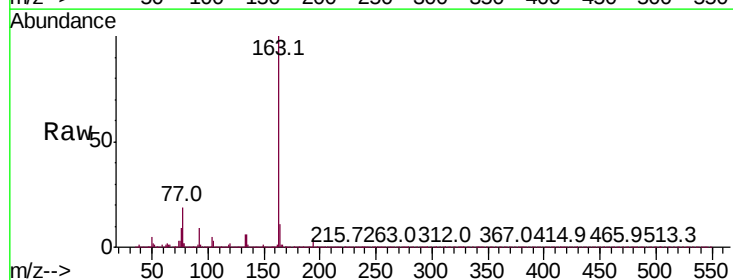
Tgt Ion: 163 Resp: 471415

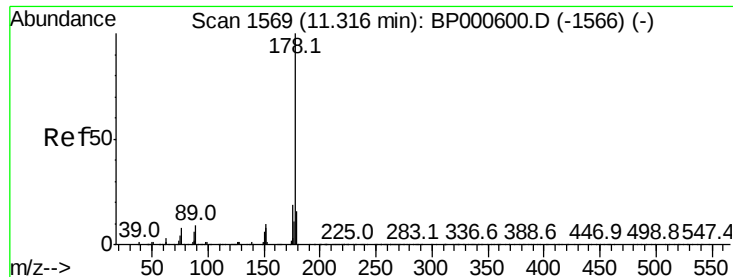
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.5 8.1 12.1





#70

Phenanthrene

Concen: 1.136 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000658.D

Acq: 12 Oct 2019 11:31

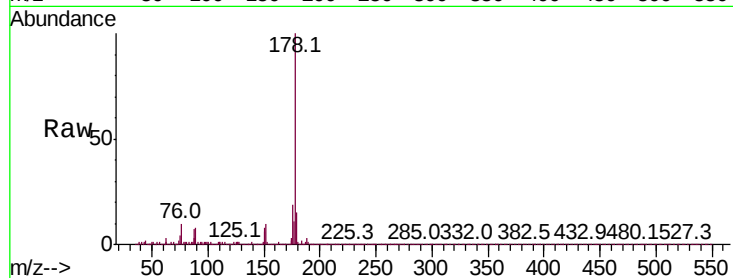
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 54094

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.2	15.4	23.2

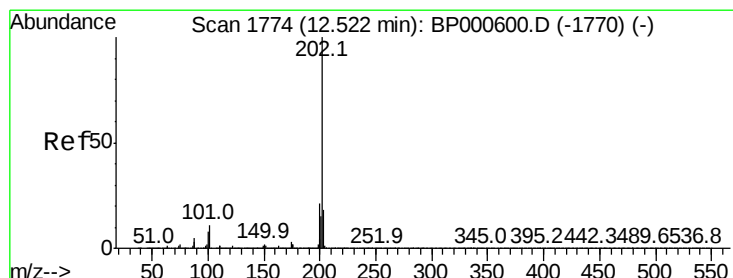
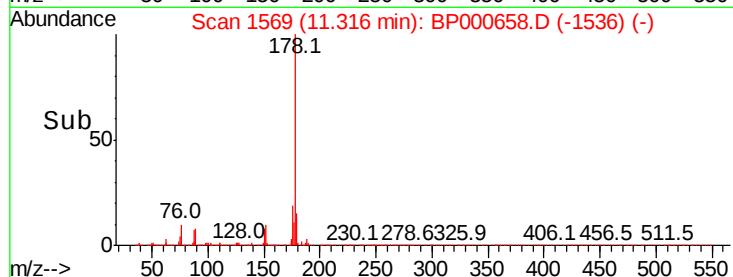
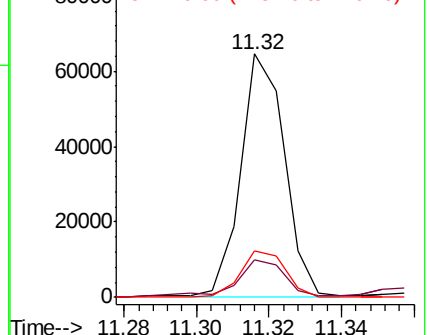


Abundance

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: 2.979 ng/ul

RT: 12.52 min Scan# 1774

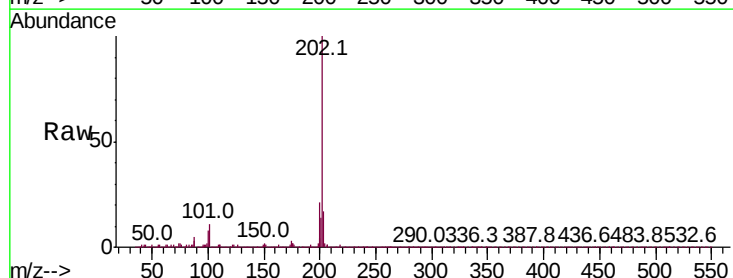
Delta R.T. -0.00 min

Lab File: BP000658.D

Acq: 12 Oct 2019 11:31

Tgt Ion:202 Resp: 145418

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.6
100	8.5	7.2	10.8

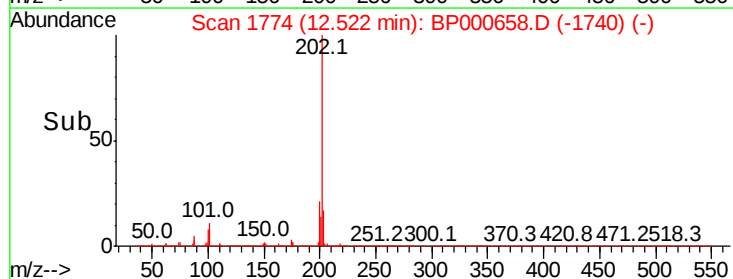
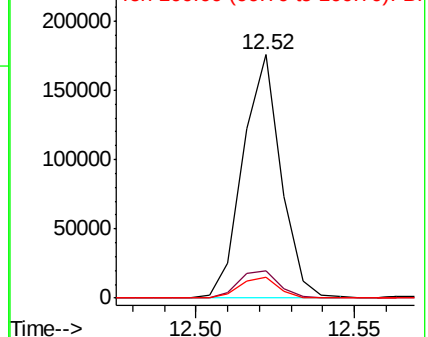


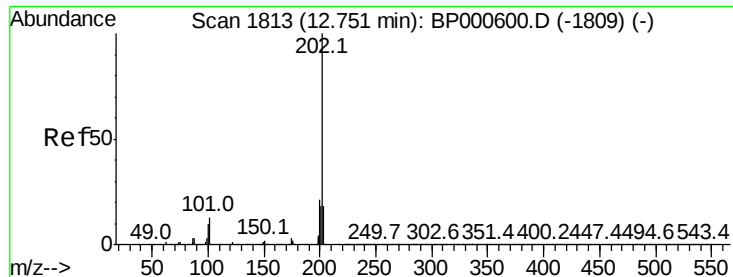
Abundance

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): E

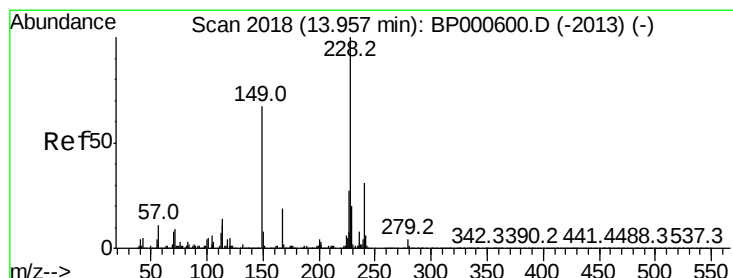
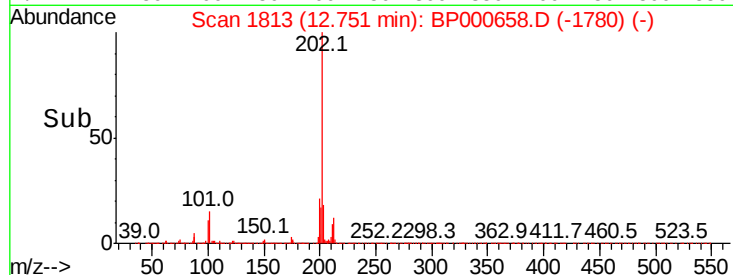
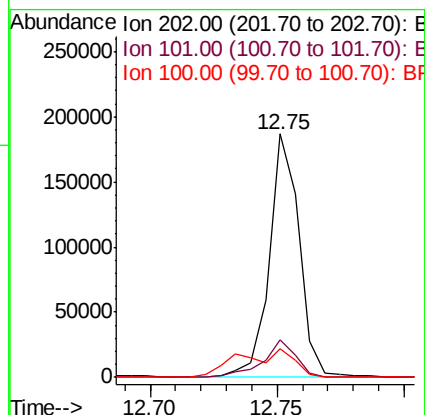
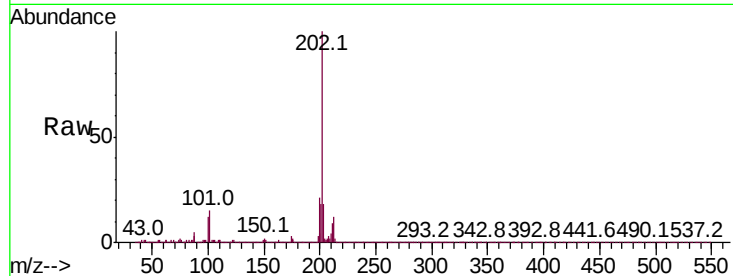




#80
Pvrene
Concen: 2.985 ng/ul
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BP000658.D
Acq: 12 Oct 2019 11:31

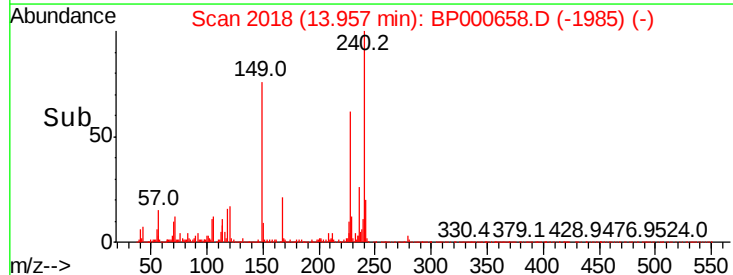
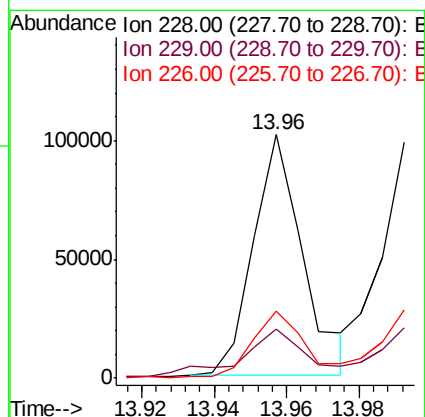
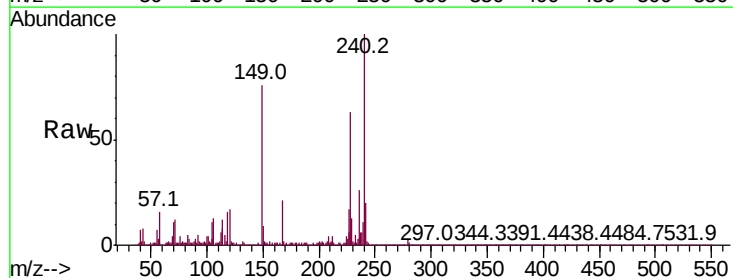
Instrument :
BNA_P
ClientSampleId :

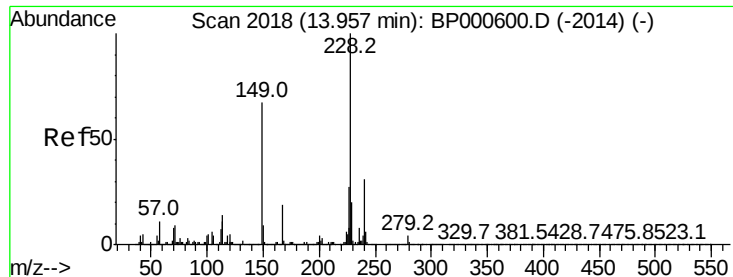
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.7	14.5#
100	11.6	7.8	11.8



#83
Benzo(a)anthracene
Concen: 1.981 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000658.D
Acq: 12 Oct 2019 11:31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	27.7	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.491 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BP000658.D

Acq: 12 Oct 2019 11:31

Instrument :

BNA_P

ClientSampleId :

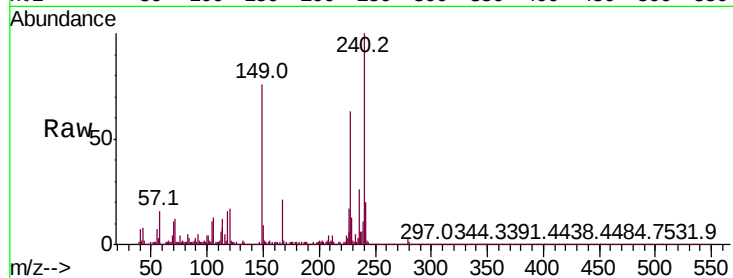
Tot Ion:149 Resp: 97092

Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

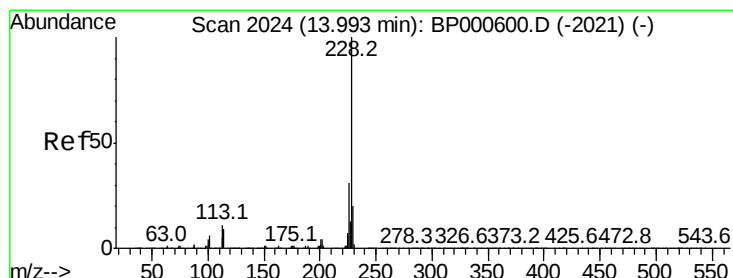
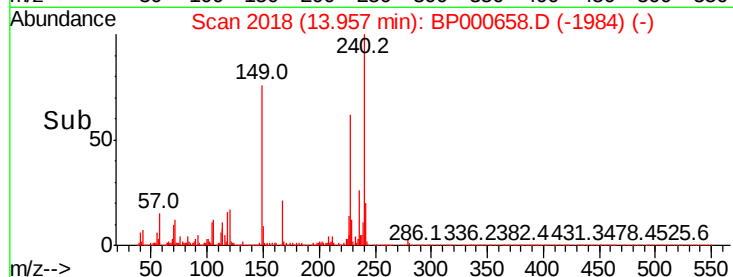
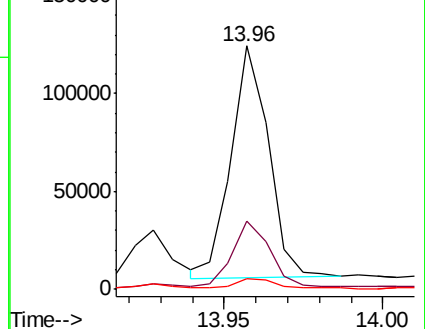
279 4.2 3.2 4.8



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: 1.937 ng/ul

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000658.D

Acq: 12 Oct 2019 11:31

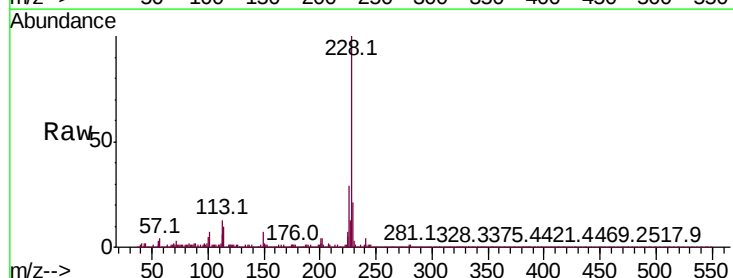
Tgt Ion:228 Resp: 87219

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

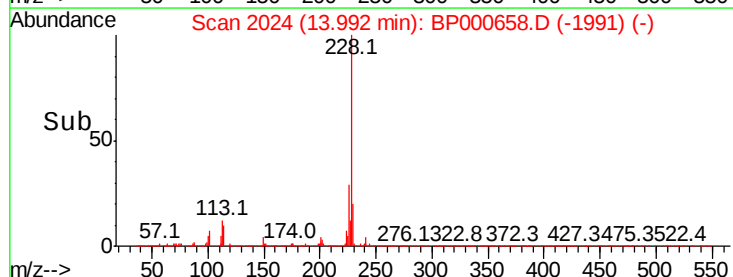
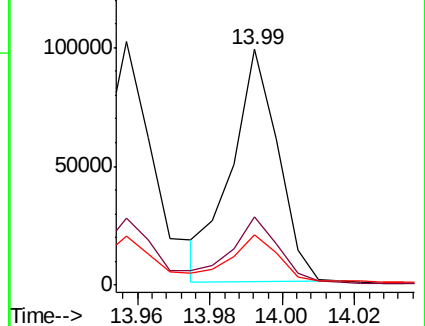
229 21.2 15.8 23.6

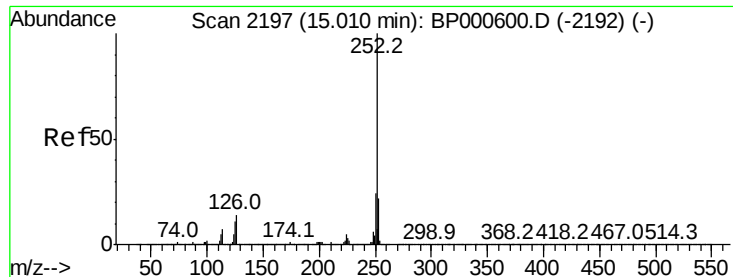


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.271 ng/ul

RT: 15.02 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BP000658.D

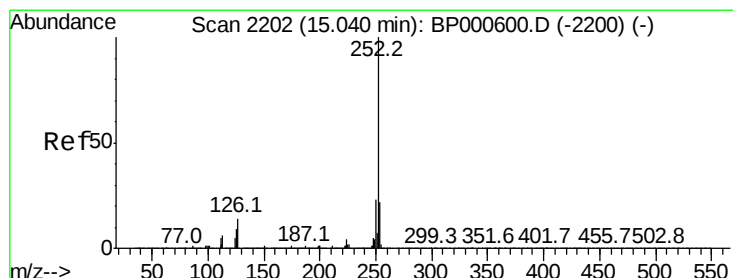
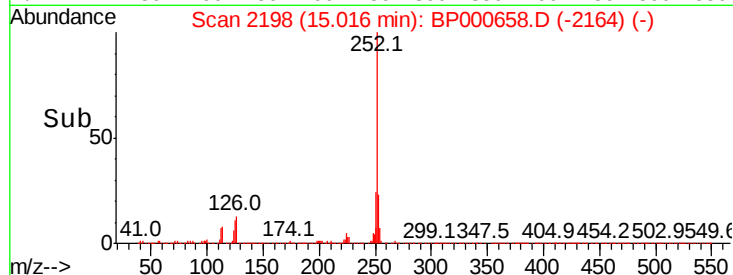
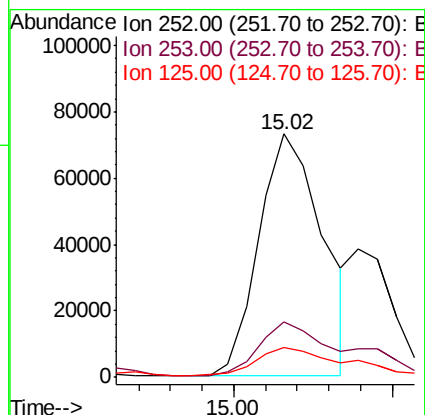
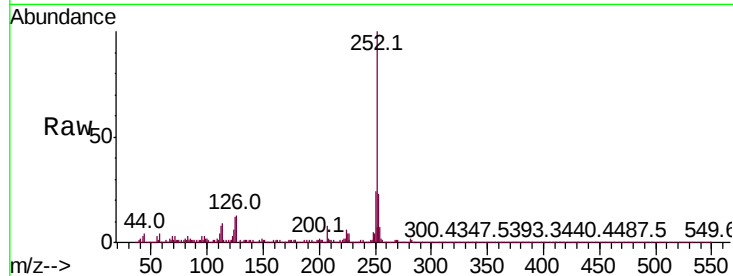
Acq: 12 Oct 2019 11:31

Instrument :

BNA_P

ClientSampled :

Tot Ion:252	Resp:	102564
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.6 26.4
125	12.3	8.7 13.1



#89

Benzo(k)fluoranthene

Concen: 2.389 ng/ul

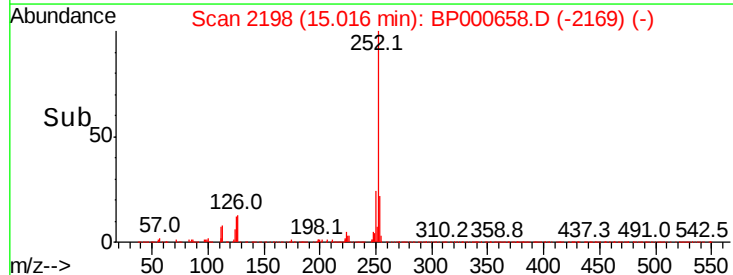
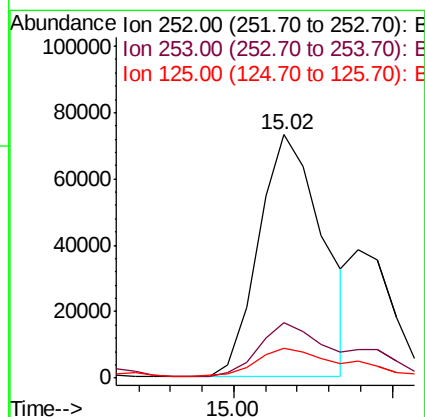
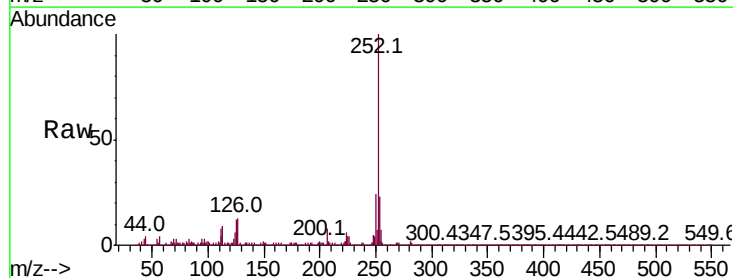
RT: 15.02 min Scan# 2198

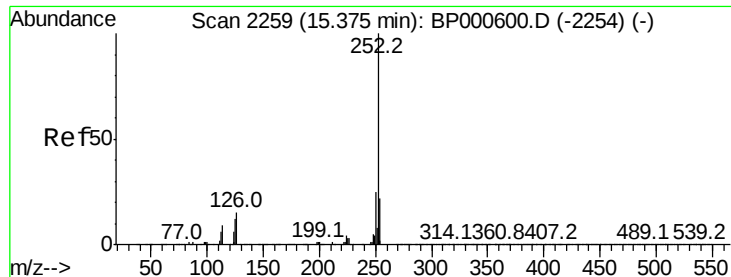
Delta R.T. -0.03 min

Lab File: BP000658.D

Acq: 12 Oct 2019 11:31

Tgt Ion:252	Resp:	102774
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.8 26.6
125	12.3	8.2 12.4





#91

Benzo(a)pyrene

Concen: 1.854 ng/ul

RT: 15.38 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BP000658.D

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BNA_P

ClientSampleId :

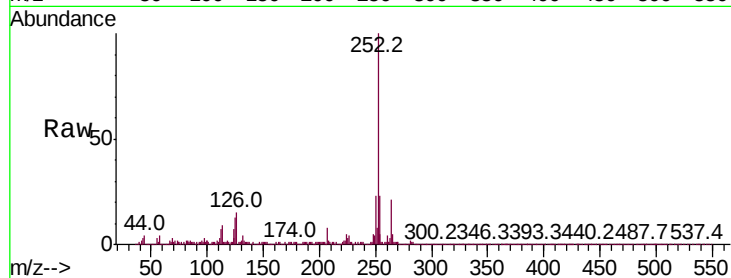
Tot Ion:252 Resp: 79308

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 12.7 9.7 14.5



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

