

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101219\
 Data File : BP000661.D
 Acq On : 12 Oct 2019 12:43
 Operator : JU
 Sample : K5199-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEP74

Quant Time: Oct 12 22:35:32 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	208444	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	812554	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	464447	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	860967	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	725320	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	789112	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	23285	4.63	ng/uL	-0.01
5) Phenol-d5	6.38	99	385089	23.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	217017	27.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	339772	25.08	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	262975	21.41	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	164765	26.68	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	173125	26.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	310187	24.64	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	339031	24.22	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	904097	27.81	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1080225	27.01	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	87286	17.43	ng/ul	0.00
58) Fluorene-d10	10.32	176	774480	27.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	79952	19.50	ng/ul	0.00
71) Anthracene-d10	11.35	188	1136888	28.51	ng/ul	0.00
79) Pyrene-d10	12.73	212	1214342	29.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1155589	29.66	ng/ul	0.00

Target Compounds

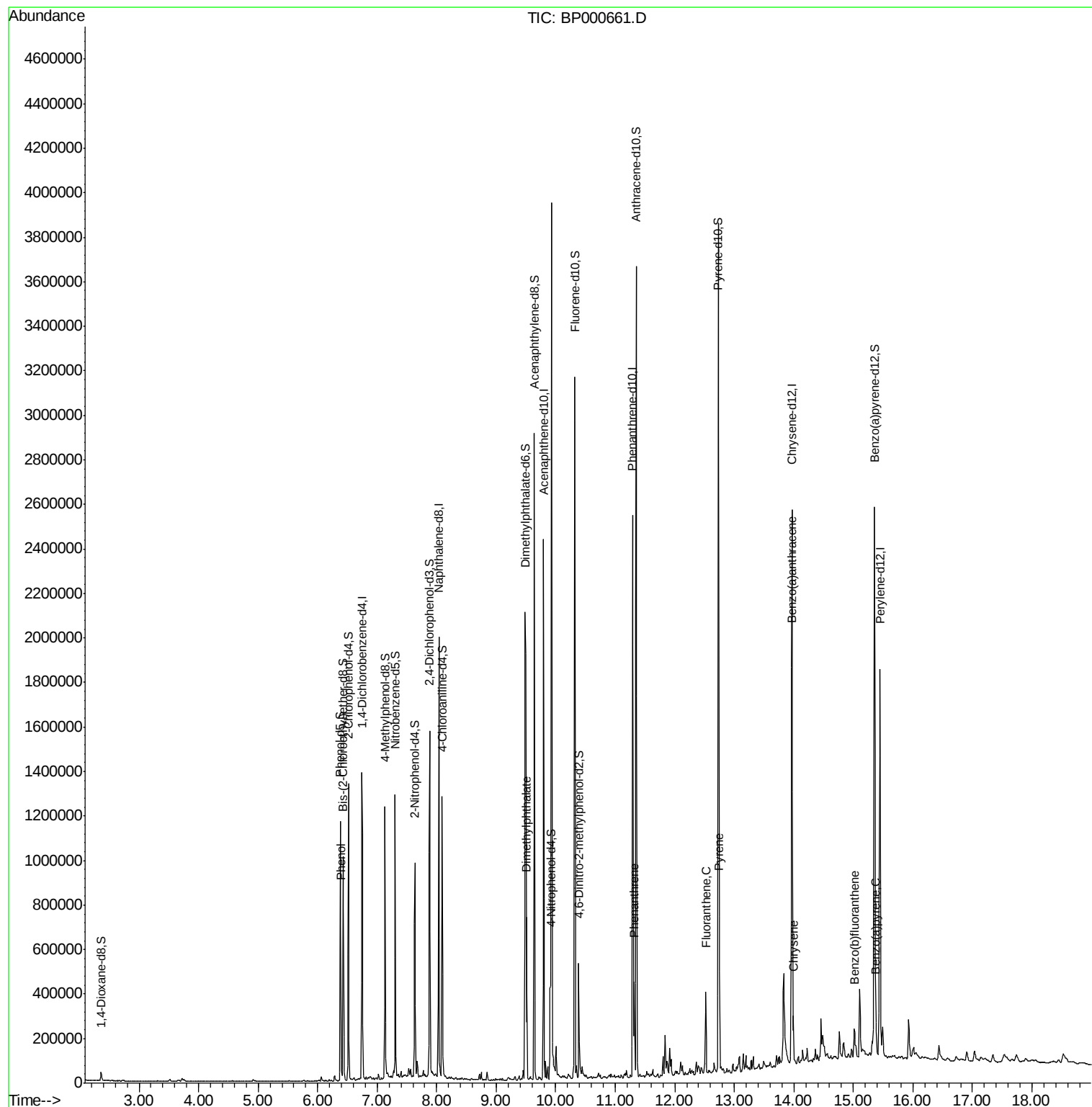
				Ovalue	
6) Phenol	6.39	94	18502	1.141	ng/ul# 82
45) Dimethylphthalate	9.51	163	248839	7.681	ng/ul 100
70) Phenanthrene	11.32	178	142137	3.029	ng/ul 99
77) Fluoranthene	12.52	202	137946	2.869	ng/ul 98
80) Pyrene	12.75	202	153100	2.975	ng/ul 96
83) Benzo(a)anthracene	13.96	228	76625	1.574	ng/ul 98
85) Chrysene	13.99	228	69310	1.532	ng/ul 98
88) Benzo(b)fluoranthene	15.02	252	69164	1.469	ng/ul 99
91) Benzo(a)pyrene	15.38	252	54186	1.216	ng/ul 98

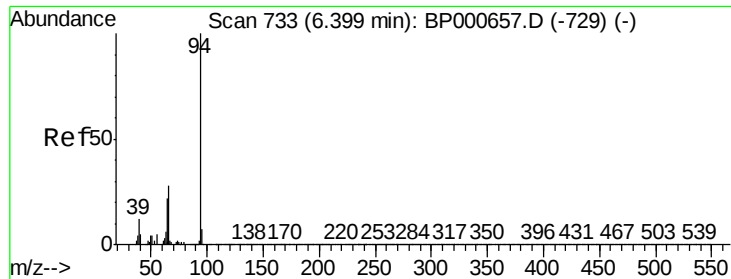
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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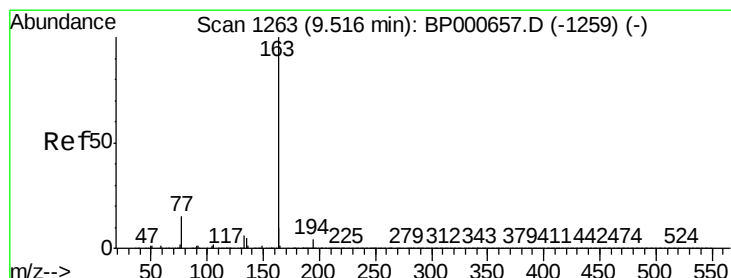
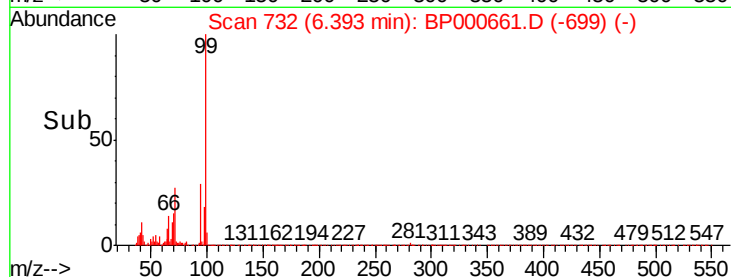
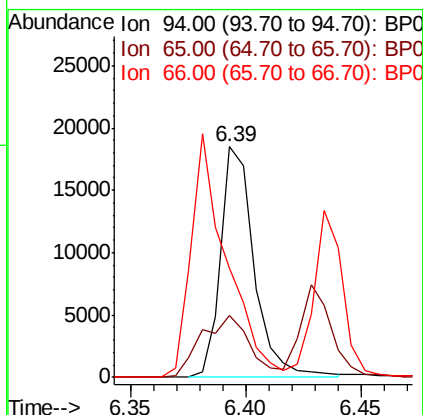
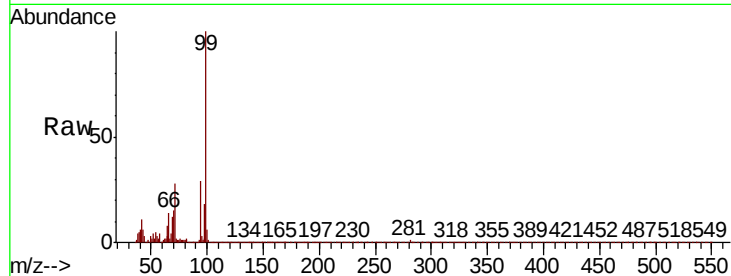
#6

Phenol

Concen: 1.141 ng/ul
 RT: 6.39 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BP000661.D
 Acq: 12 Oct 2019 12:43

Instrument :
 BNA_P
 ClientSampled :
 BEP74

Tot Ion: 94 Resp: 18502
 Ion Ratio Lower Upper
 94 100
 65 27.1 19.2 28.8
 66 47.5 25.7 38.5#

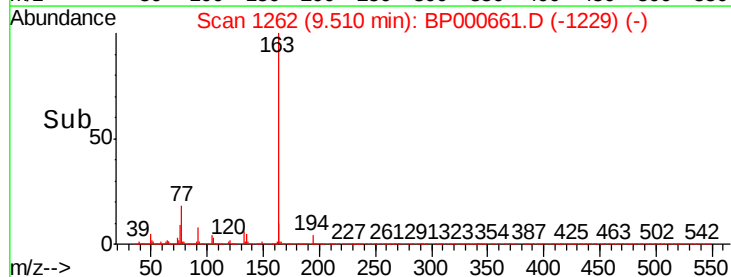
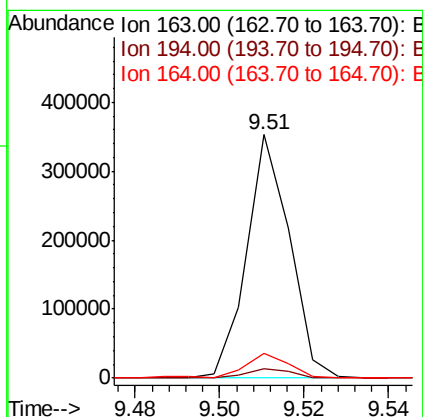
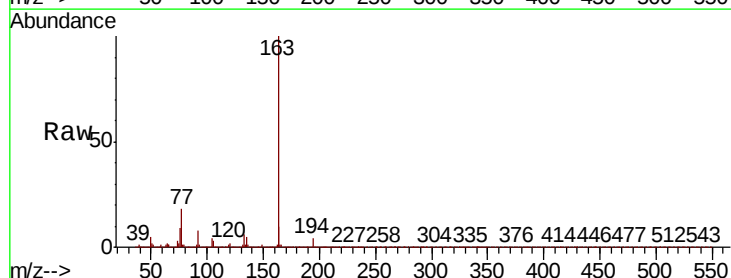


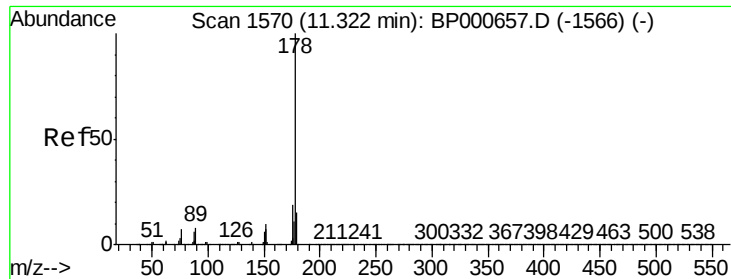
#45

Dimethylphthalate

Concen: 7.681 ng/ul
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BP000661.D
 Acq: 12 Oct 2019 12:43

Tgt Ion: 163 Resp: 248839
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.3 4.9
 164 10.2 8.1 12.1





#70

Phenanthrene

Concen: 3.029 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000661.D

Acq: 12 Oct 2019 12:43

Instrument :

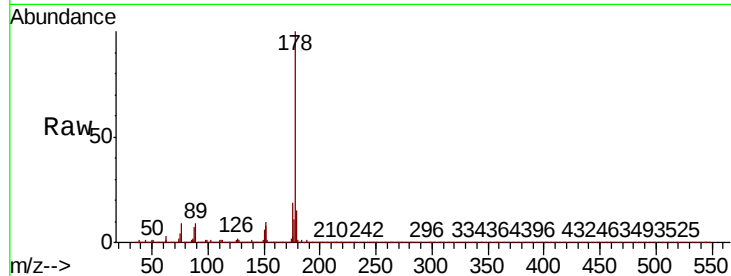
BNA_P

ClientSampleId :

BEP74

Tot Ion:178 Resp: 142137

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.5	18.7
176	18.8	15.4	23.2

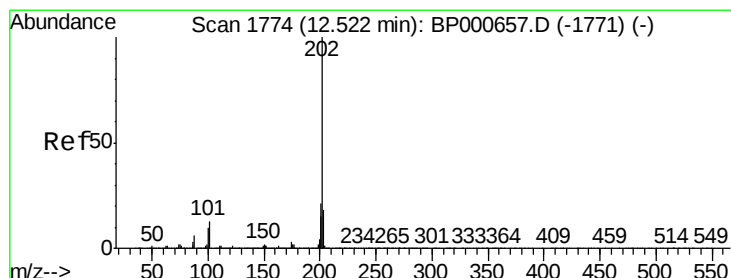
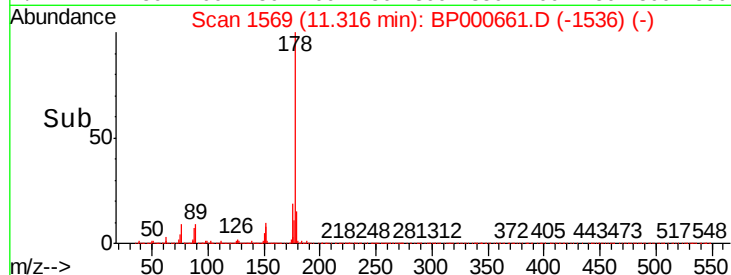
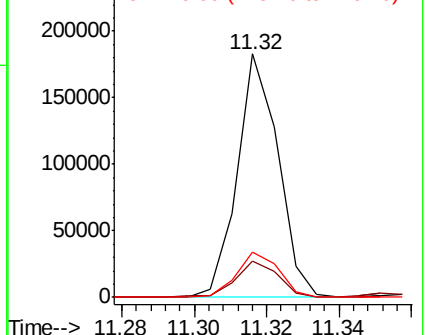


Abundance

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: 2.869 ng/ul

RT: 12.52 min Scan# 1774

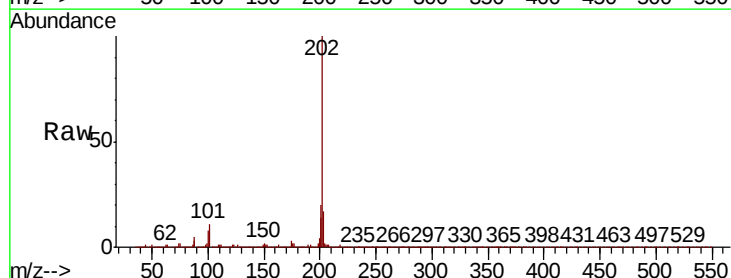
Delta R.T. 0.00 min

Lab File: BP000661.D

Acq: 12 Oct 2019 12:43

Tgt Ion:202 Resp: 137946

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
100	8.5	7.2	10.8

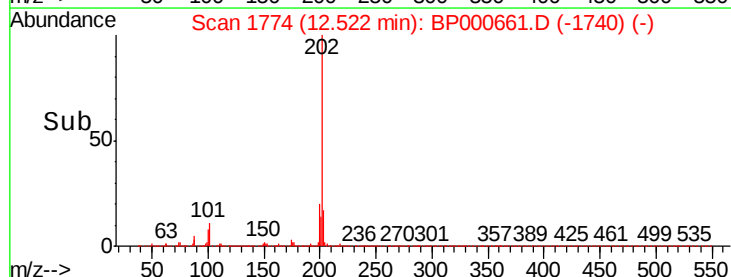
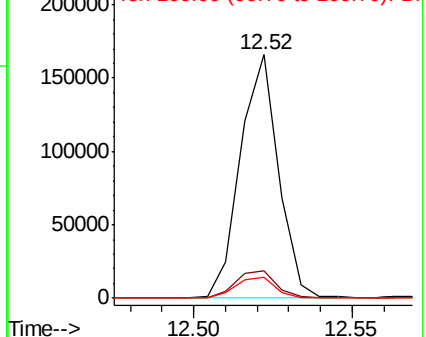


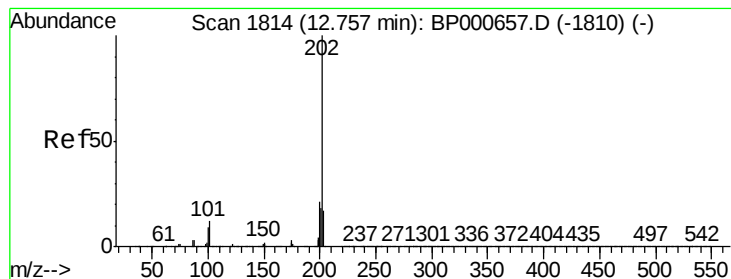
Abundance

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: 2.975 ng/ul

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BP000661.D

Acq: 12 Oct 2019 12:43

Instrument :

BNA_P

ClientSampled :

BEP74

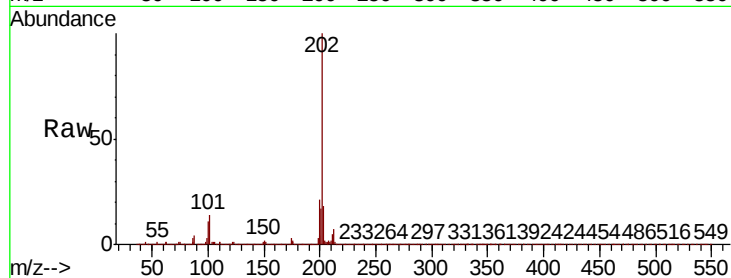
Tot Ion:202 Resp: 153100

Ion Ratio Lower Upper

202 100

101 13.8 9.7 14.5

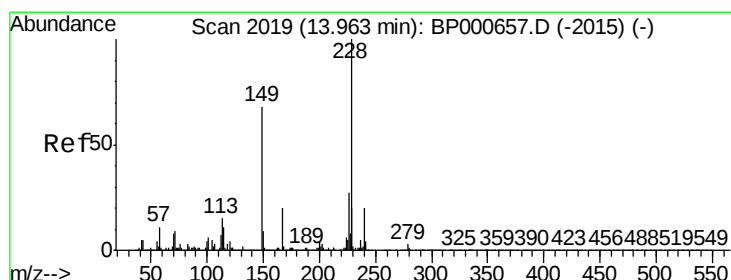
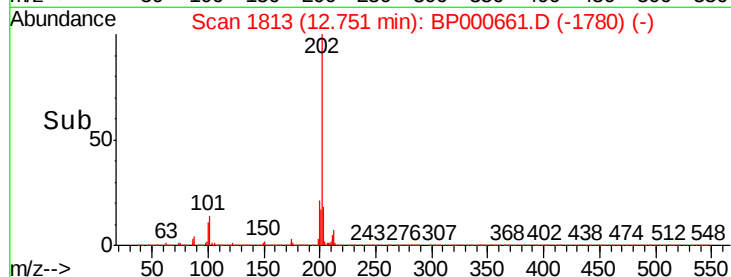
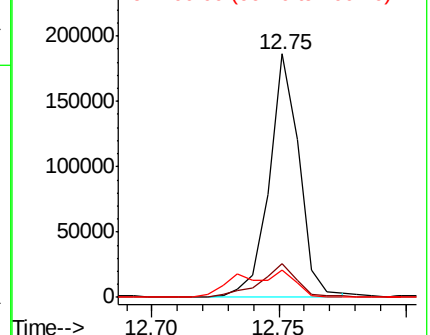
100 11.1 7.8 11.8



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): B



#83

Benzo(a)anthracene

Concen: 1.574 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000661.D

Acq: 12 Oct 2019 12:43

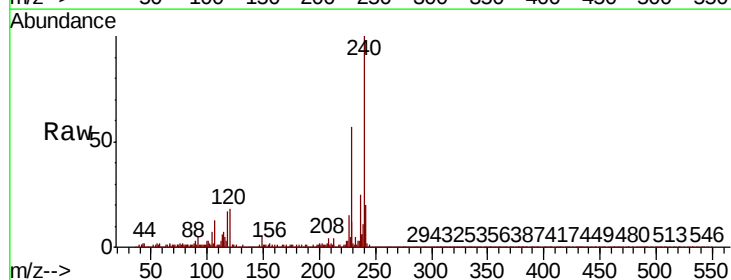
Tgt Ion:228 Resp: 76625

Ion Ratio Lower Upper

228 100

229 21.1 15.6 23.4

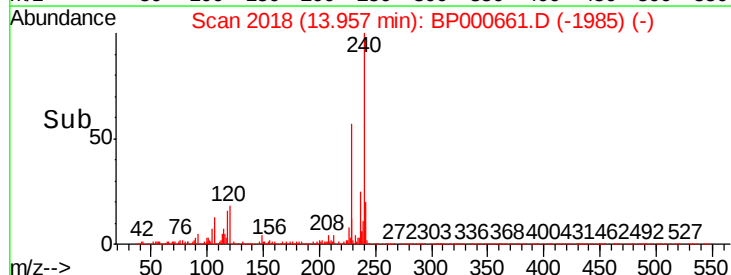
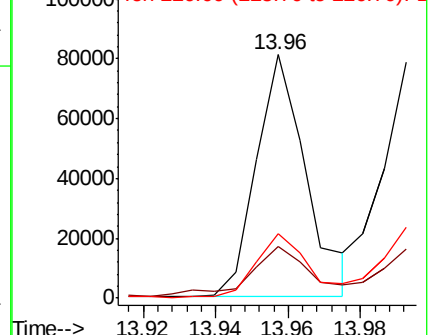
226 26.4 21.8 32.8

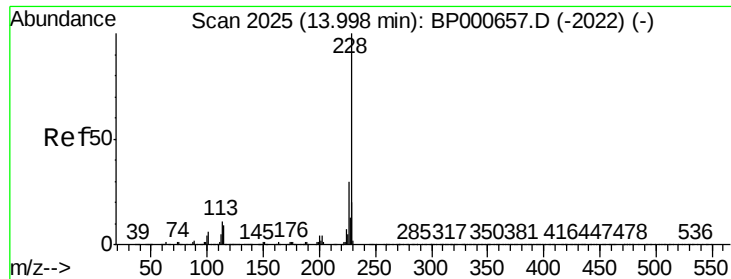


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.532 ng/ul

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000661.D

Acq: 12 Oct 2019 12:43

Instrument :

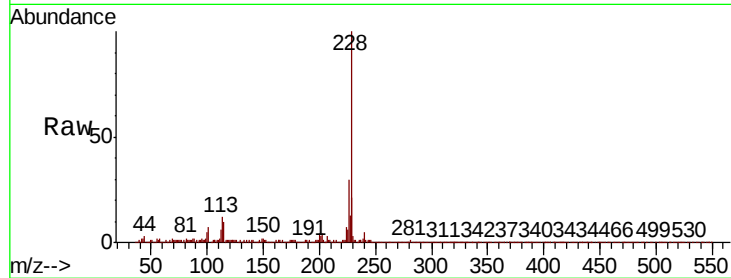
BNA_P

ClientSampleId :

BEP74

Tot Ion:228 Resp: 69310

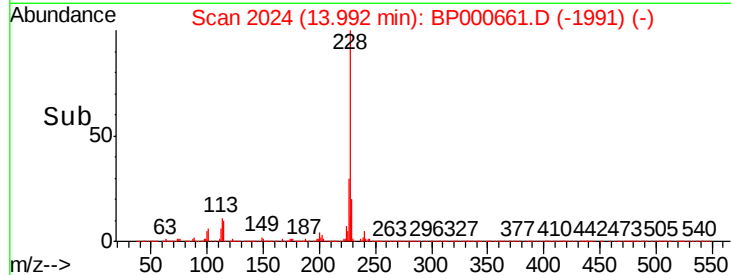
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	20.9	15.8	23.6



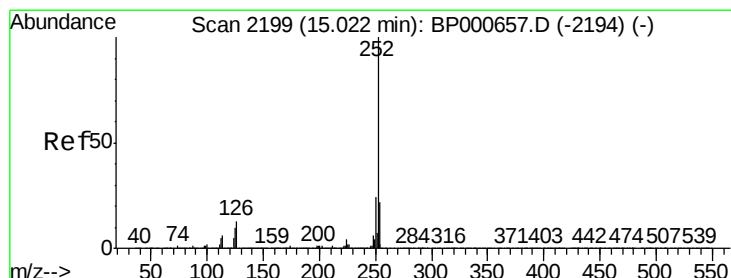
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 1.469 ng/ul

RT: 15.02 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BP000661.D

Acq: 12 Oct 2019 12:43

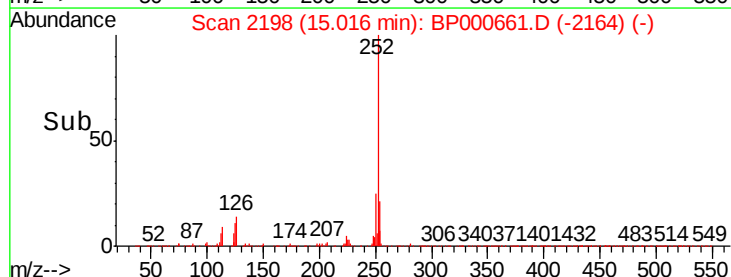
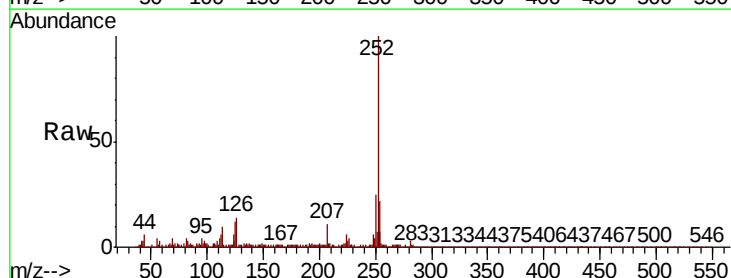
Tgt Ion:252 Resp: 69164

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.9	8.7	13.1

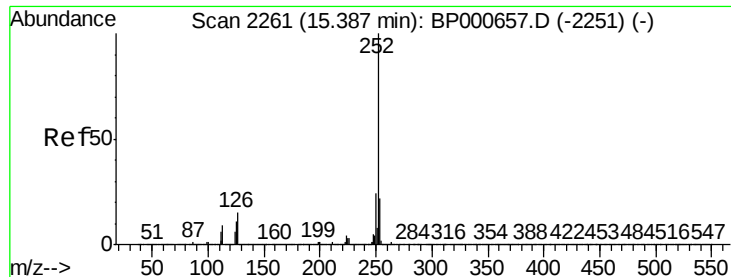
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#91

Benzo(a)pyrene

Concen: 1.216 ng/ul

RT: 15.38 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BP000661.D

Acq: 12 Oct 2019 12:43

Instrument :

BNA_P

ClientSampleId :

BEP74

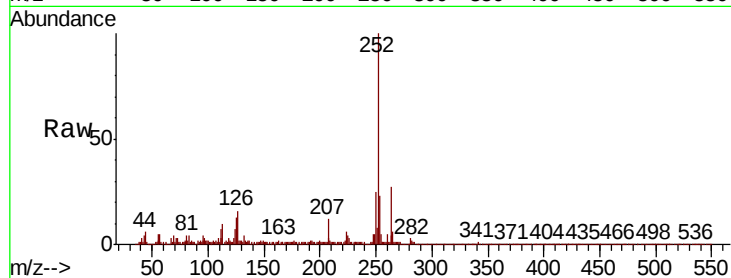
Tot Ion:252 Resp: 54186

Ion Ratio Lower Upper

252 100

253 22.9 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

