

Data File : BP000760.D
Acq On : 15 Oct 2019 12:56
Operator : JU
Sample : K5175-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEP89

Quant Time: Oct 16 02:26:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 02:22:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	239484	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	935319	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	543847	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	1012260	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	754506	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	749783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	28356	4.91	ng/uL	-0.02
5) Phenol-d5	6.38	99	452638	24.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	262695	28.44	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	417189	26.81	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	296704	21.02	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	212247	29.85	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	228460	30.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	390829	26.97	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	390683	24.24	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1136544	29.85	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1340951	28.63	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	109523	18.68	ng/ul	0.00
58) Fluorene-d10	10.32	176	954177	29.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	107152	22.23	ng/ul	0.00
71) Anthracene-d10	11.35	188	1369534	29.21	ng/ul	0.00
79) Pyrene-d10	12.74	212	1415170	33.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1149573	31.06	ng/ul	0.00

Target Compounds

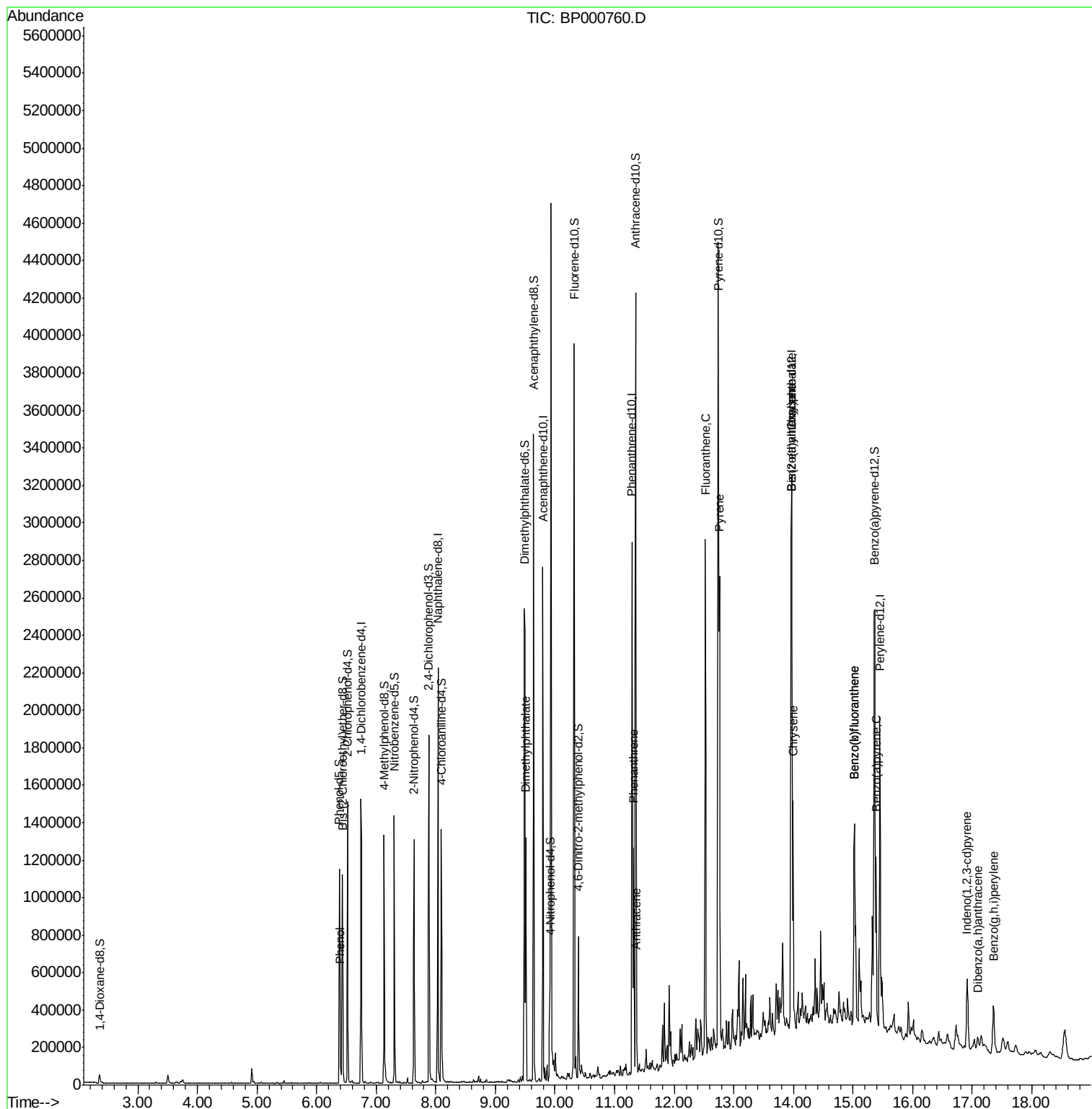
						Qvalue
6) Phenol	6.40	94	37600	2.019	ng/ul	98
45) Dimethylphthalate	9.51	163	467397	12.321	ng/ul	99
70) Phenanthrene	11.32	178	417289	7.564	ng/ul	100
72) Anthracene	11.37	178	83105	1.484	ng/ul	99
77) Fluoranthene	12.52	202	1014540	17.948	ng/ul	100
80) Pyrene	12.76	202	941319	17.584	ng/ul	99
83) Benzo(a)anthracene	13.96	228	464267	9.168	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	256053	8.806	ng/ul	99
85) Chrysene	14.00	228	484136	10.286	ng/ul	98
88) Benzo(b)fluoranthene	15.02	252	598743	13.384	ng/ul	99
89) Benzo(k)fluoranthene	15.02	252	598743	14.055	ng/ul	99
91) Benzo(a)pyrene	15.39	252	388481	9.172	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.92	276	243195	5.009	ng/ul	95
93) Dibenzo(a,h)anthracene	17.09	278	44078	1.108	ng/ul	95
94) Benzo(g,h,i)perylene	17.36	276	202921	5.020	ng/ul	99

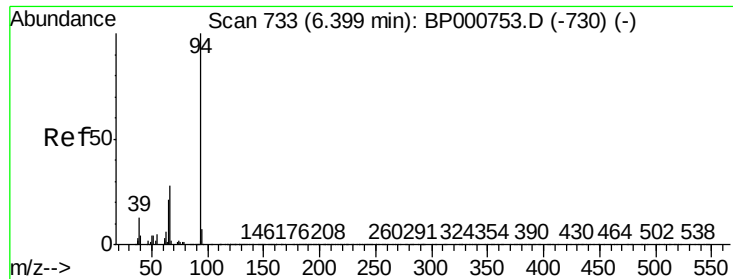
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.019 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000760.D

Acq: 15 Oct 2019 12:56

Instrument :

BNA_P

ClientSampleId :

BEP89

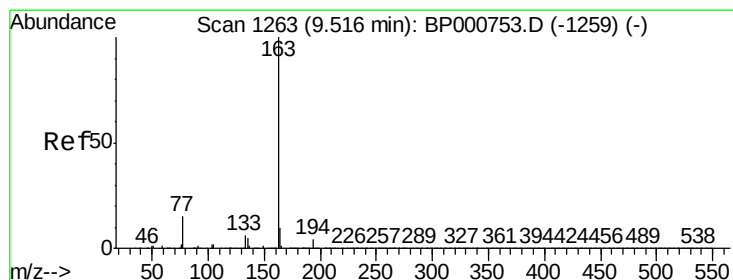
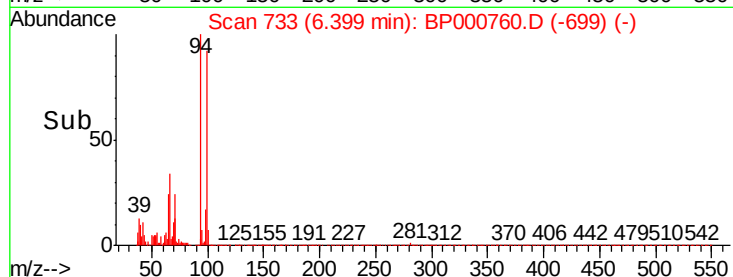
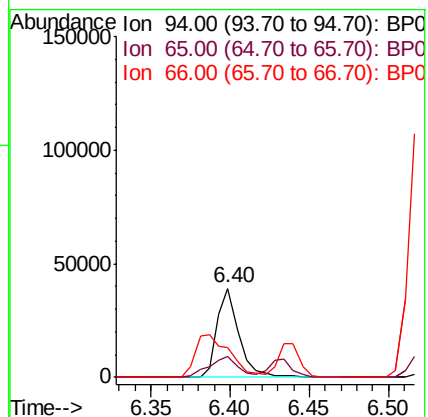
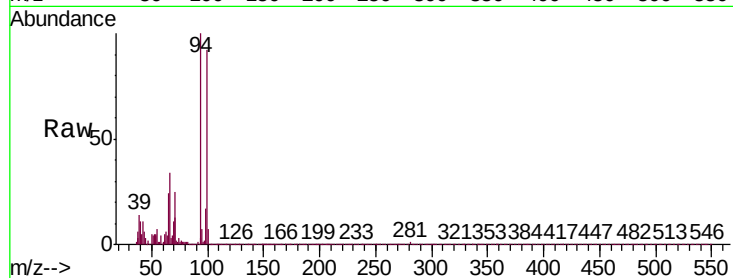
Tgt Ion: 94 Resp: 37600

Ion Ratio Lower Upper

94 100

65 23.7 19.2 28.8

66 33.6 25.7 38.5



#45

Dimethylphthalate

Concen: 12.321 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000760.D

Acq: 15 Oct 2019 12:56

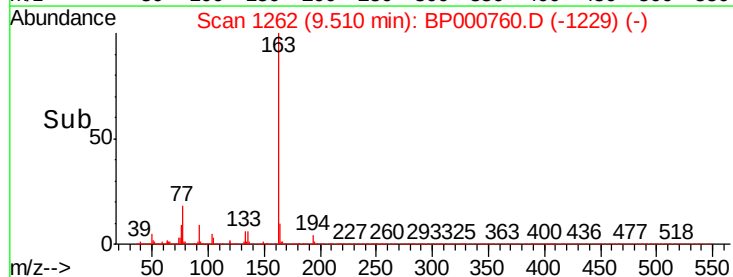
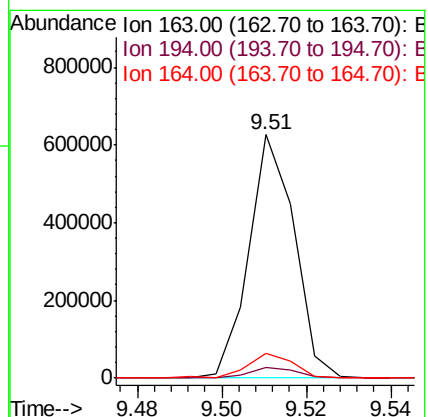
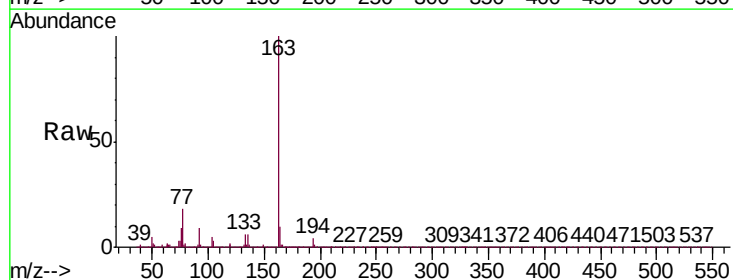
Tgt Ion: 163 Resp: 467397

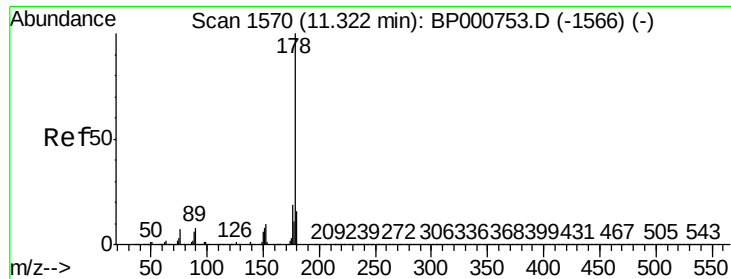
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.1 12.1





#70

Phenanthrene

Concen: 7.564 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000760.D

Acq: 15 Oct 2019 12:56

Instrument :

BNA_P

ClientSampleId :

BEP89

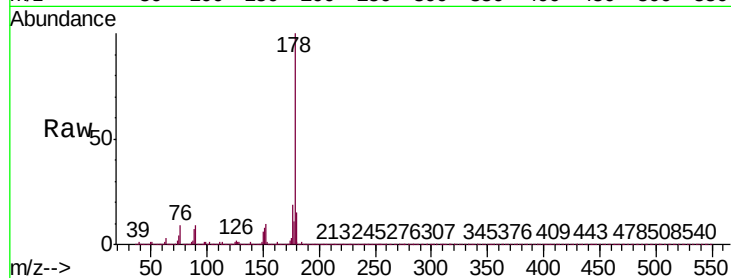
Tgt Ion:178 Resp: 417289

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

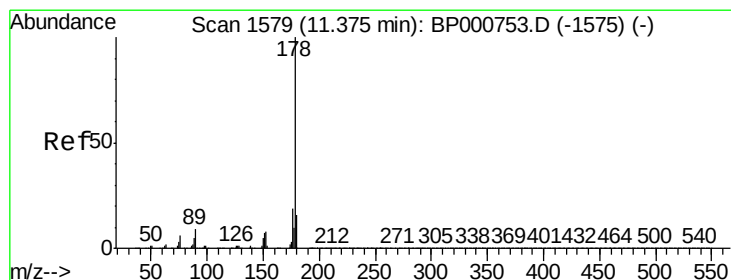
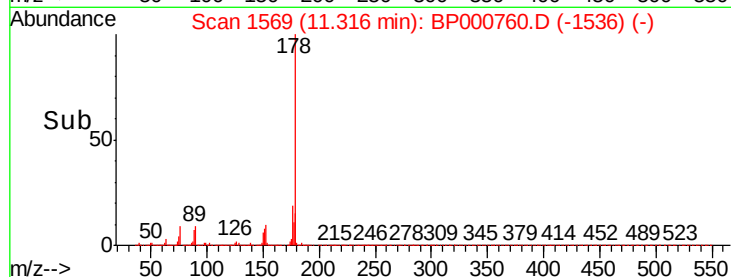
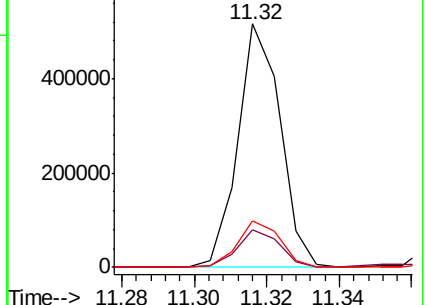
176 19.1 15.4 23.2



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



#72

Anthracene

Concen: 1.484 ng/ul

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BP000760.D

Acq: 15 Oct 2019 12:56

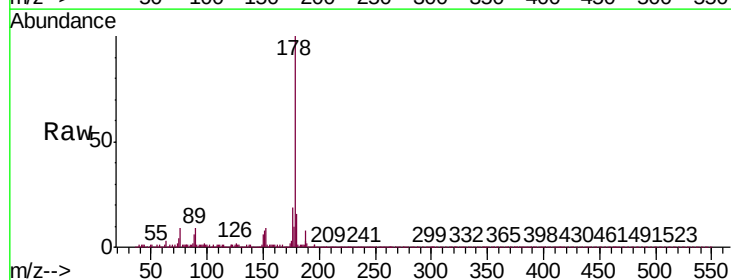
Tgt Ion:178 Resp: 83105

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

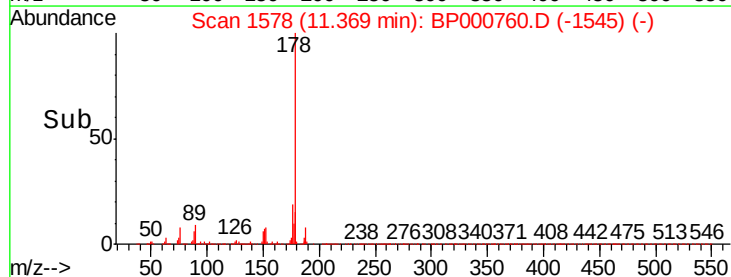
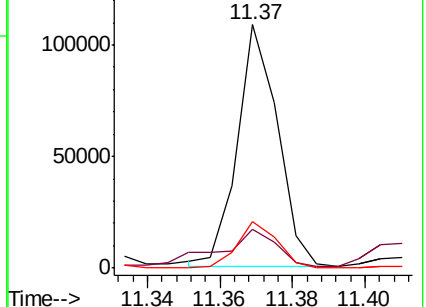
176 19.2 15.1 22.7

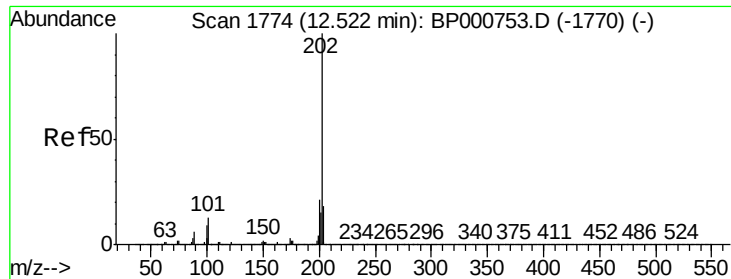


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

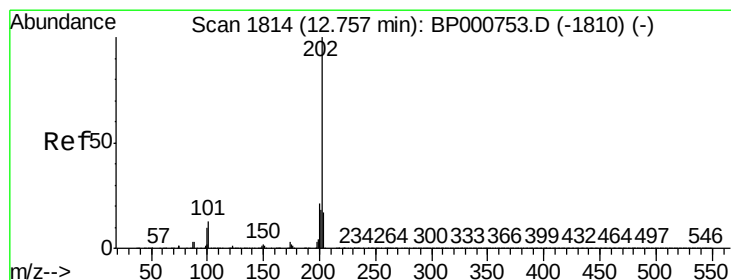
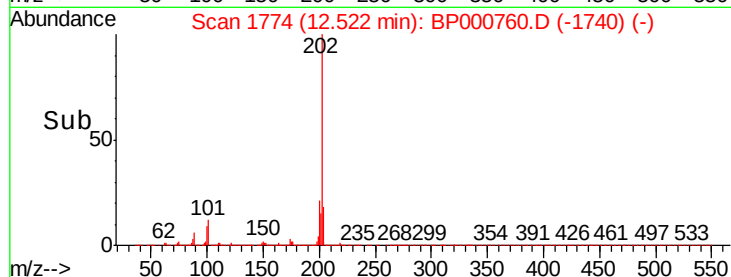
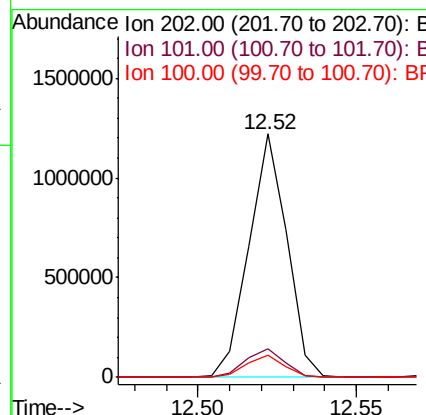
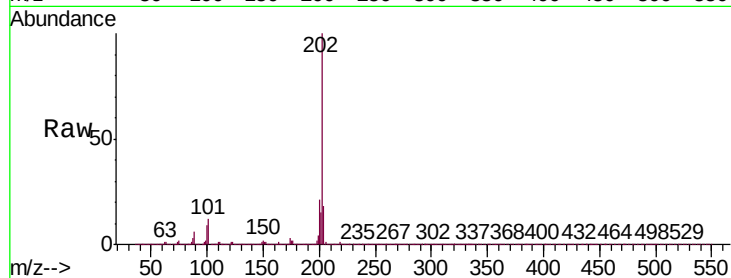




#77
 Fluoranthene
 Concen: 17.948 ng/ul
 RT: 12.52 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BP000760.D
 Acq: 15 Oct 2019 12:56

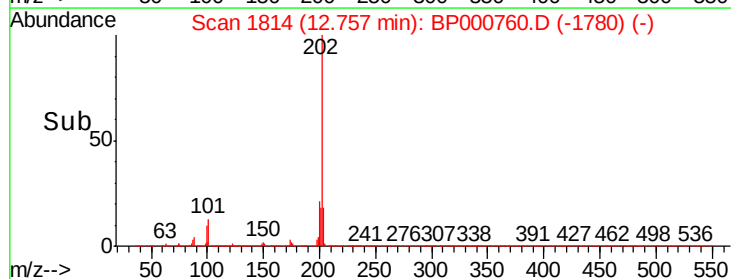
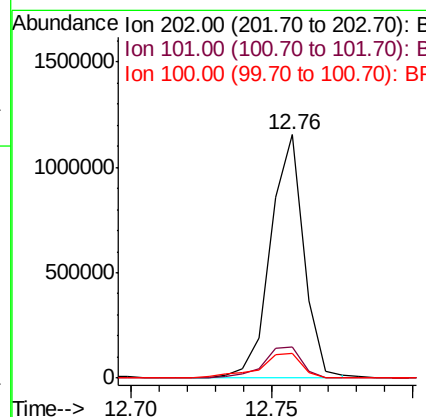
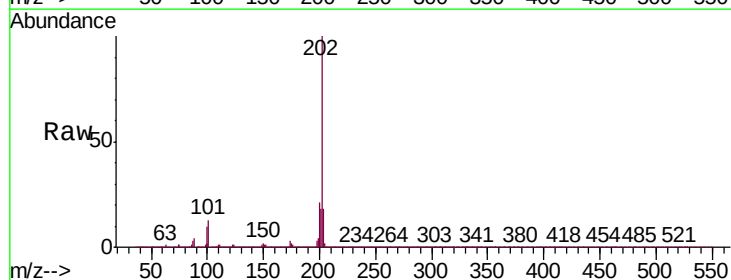
Instrument :
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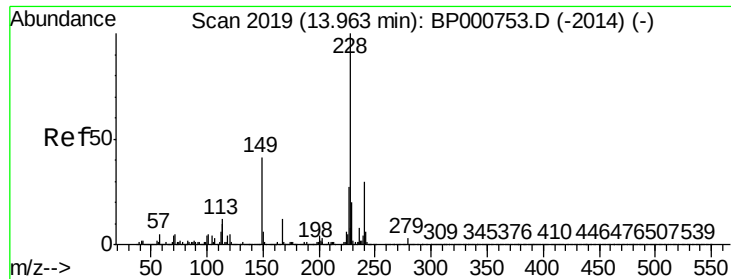
Tgt Ion:202 Resp: 1014540
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.8 14.6
 100 9.0 7.2 10.8



#80
 Pyrene
 Concen: 17.584 ng/ul
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BP000760.D
 Acq: 15 Oct 2019 12:56

Tgt Ion:202 Resp: 941319
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.7 14.5
 100 10.3 7.8 11.8





#83

Benzo(a)anthracene

Concen: 9.168 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000760.D

Acq: 15 Oct 2019 12:56

Instrument :

BNA_P

ClientSampleId :

BEP89

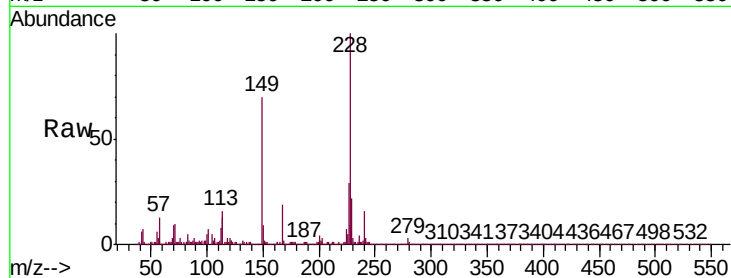
Tgt Ion:228 Resp: 464267

Ion Ratio Lower Upper

228 100

229 21.5 15.6 23.4

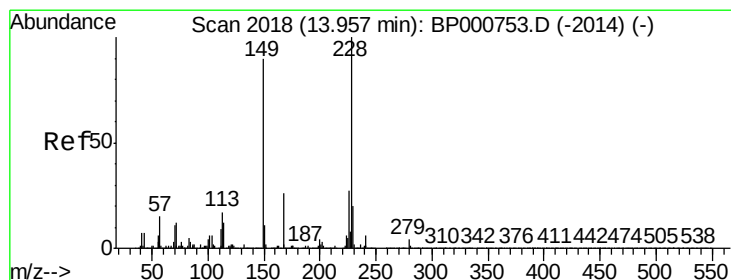
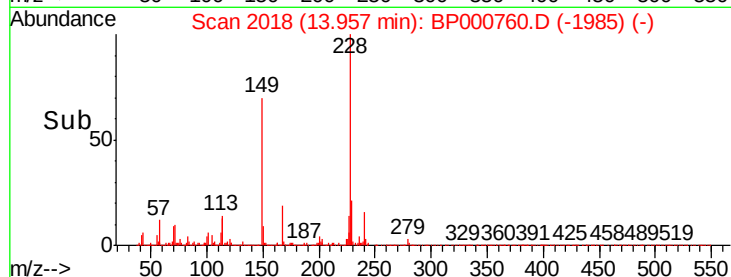
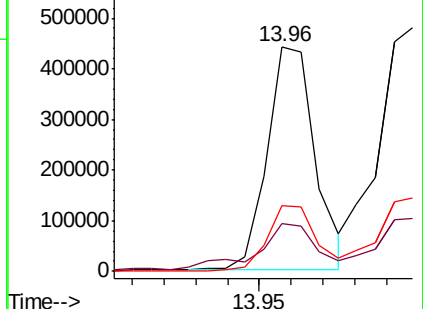
226 29.0 21.8 32.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.806 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BP000760.D

Acq: 15 Oct 2019 12:56

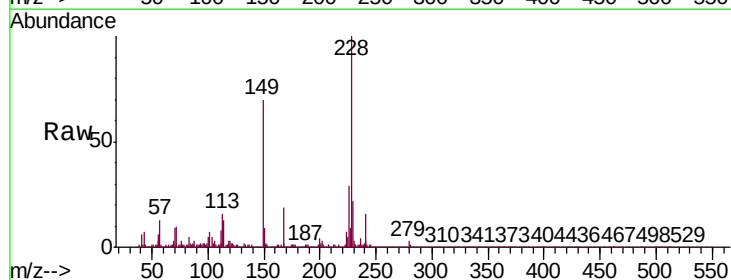
Tgt Ion:149 Resp: 256053

Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

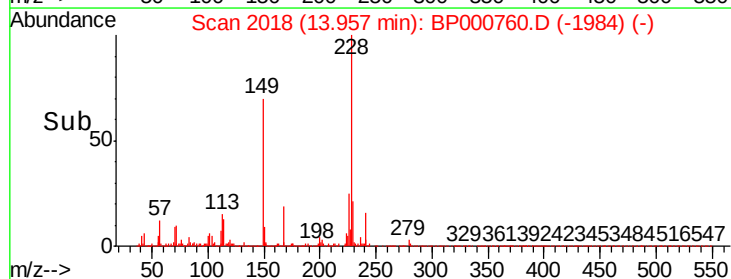
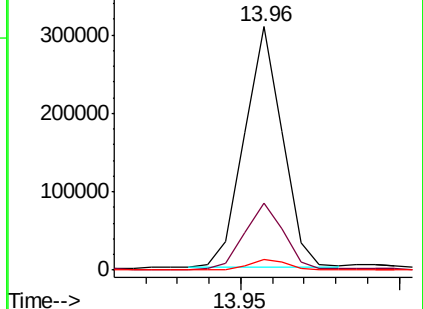
279 4.6 3.2 4.8

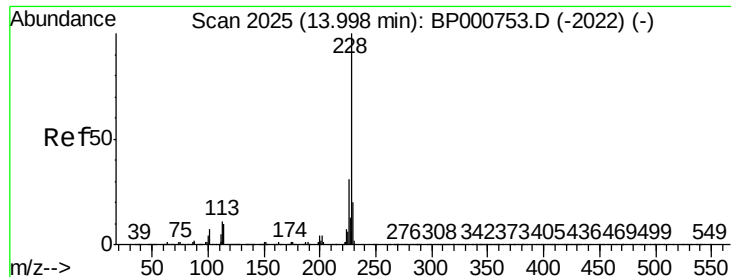


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 10.286 ng/ul

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BP000760.D

Acq: 15 Oct 2019 12:56

Instrument :

BNA_P

ClientSampleId :

BEP89

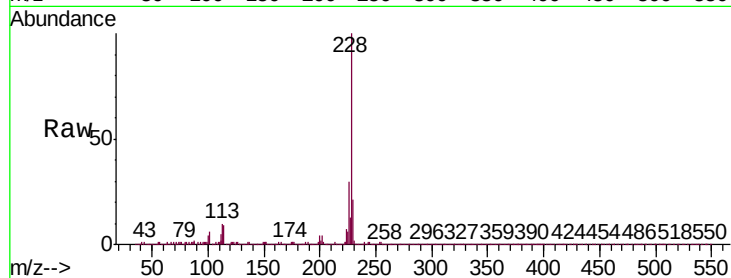
Tgt Ion:228 Resp: 484136

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

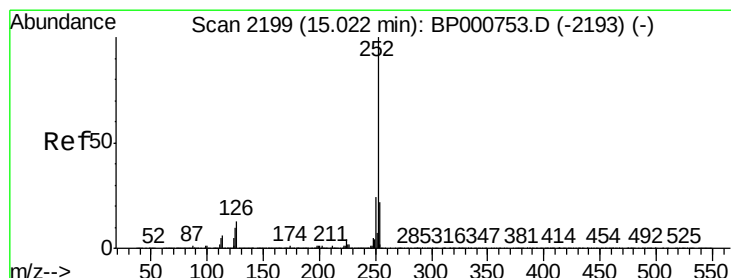
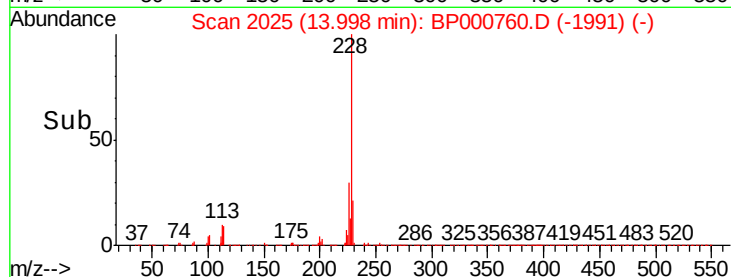
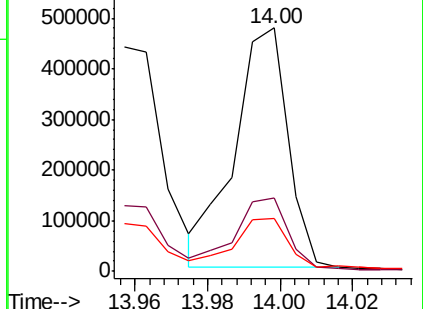
229 21.5 15.8 23.6



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: 13.384 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BP000760.D

Acq: 15 Oct 2019 12:56

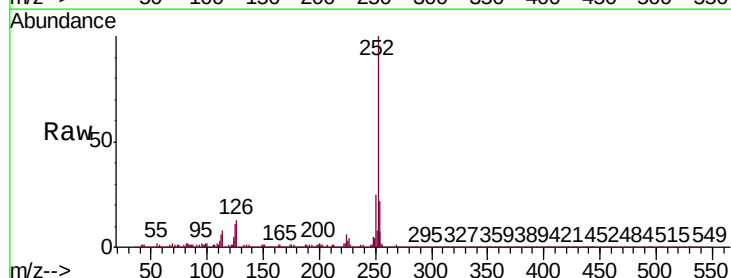
Tgt Ion:252 Resp: 598743

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

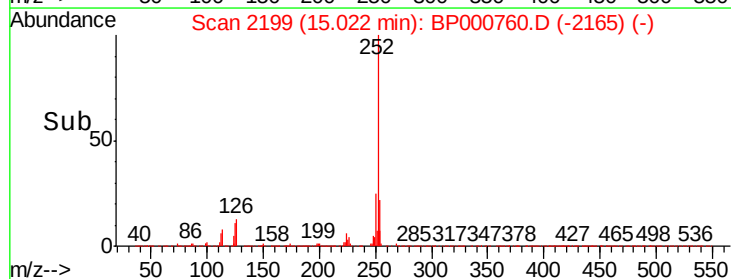
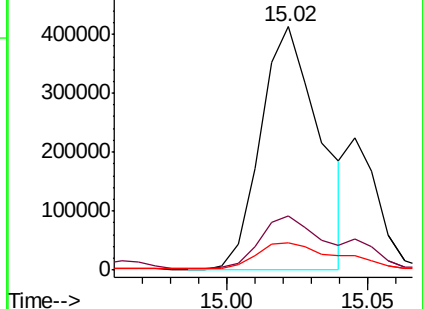
125 11.4 8.7 13.1

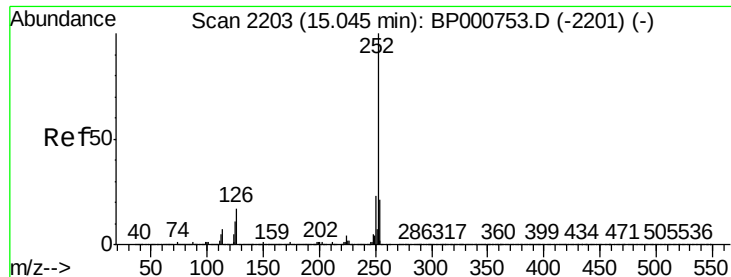


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

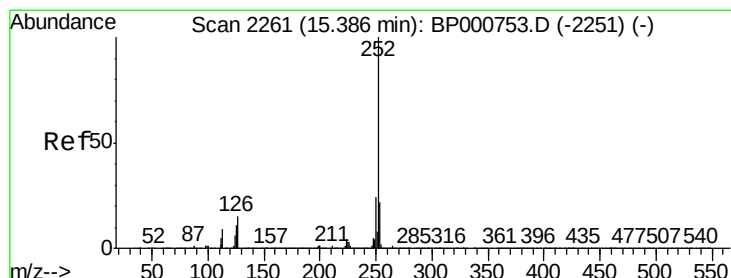
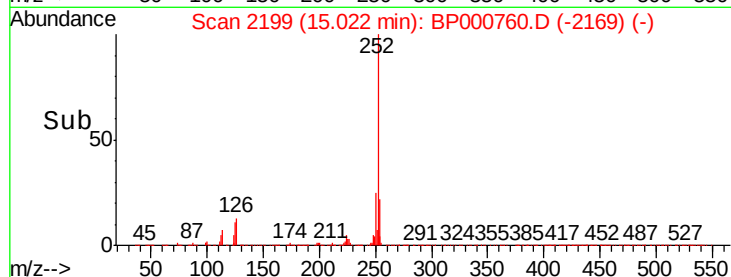
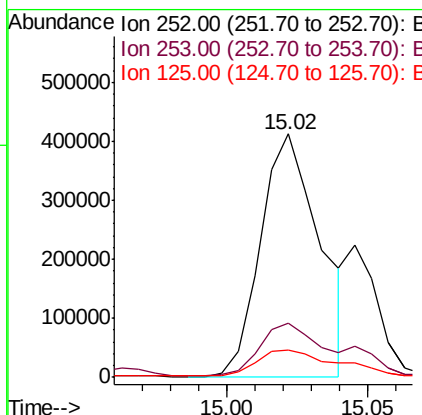
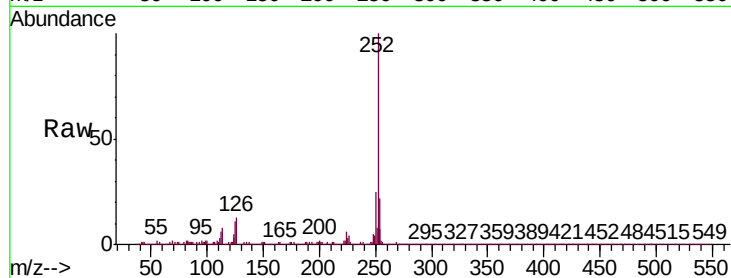




#89
Benzo(k)fluoranthene
Concen: 14.055 ng/ul
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BP000760.D
Acq: 15 Oct 2019 12:56

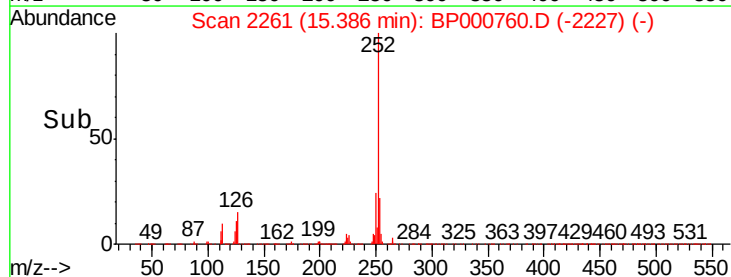
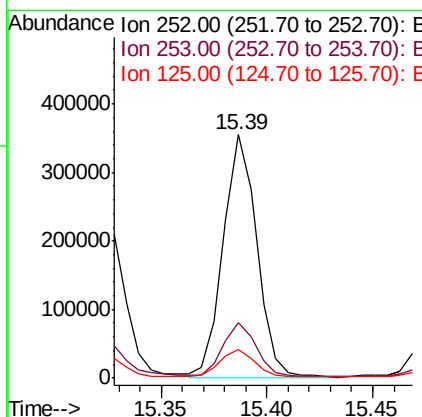
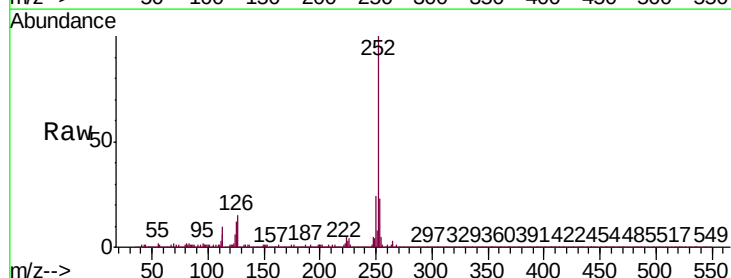
Instrument :
BNA_P
ClientSampled :
BEP89

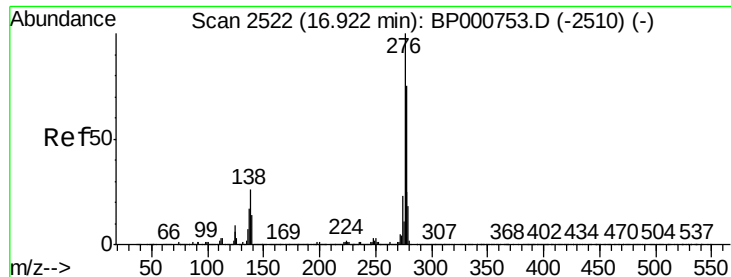
Tgt Ion:252 Resp: 598743
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.4 8.2 12.4



#91
Benzo(a)pyrene
Concen: 9.172 ng/ul
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BP000760.D
Acq: 15 Oct 2019 12:56

Tgt Ion:252 Resp: 388481
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 12.0 9.7 14.5



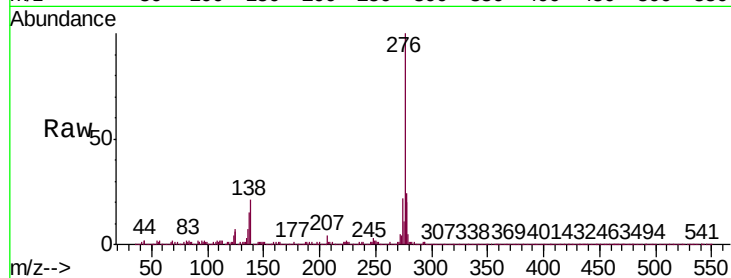


#92

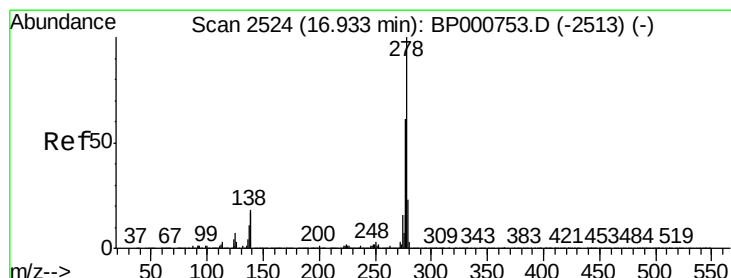
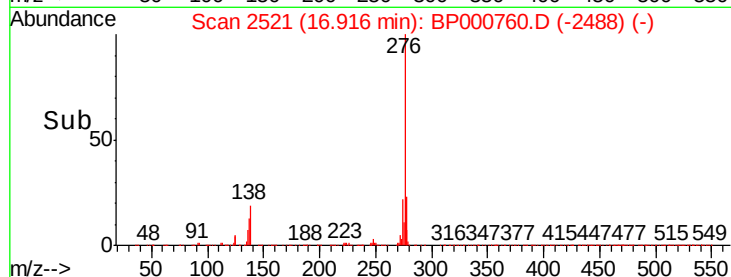
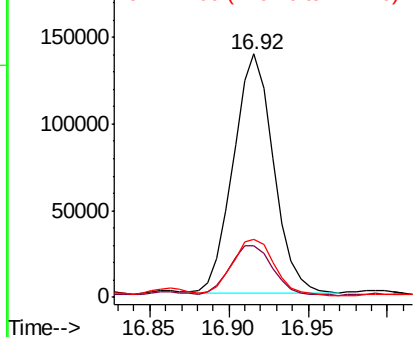
Indeno(1,2,3-cd)pyrene
Concen: 5.009 ng/ul
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BP000760.D
Acq: 15 Oct 2019 12:56

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.0	30.0
277	24.1	19.8	29.8



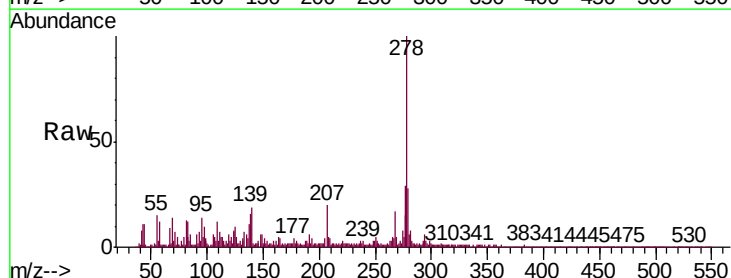
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



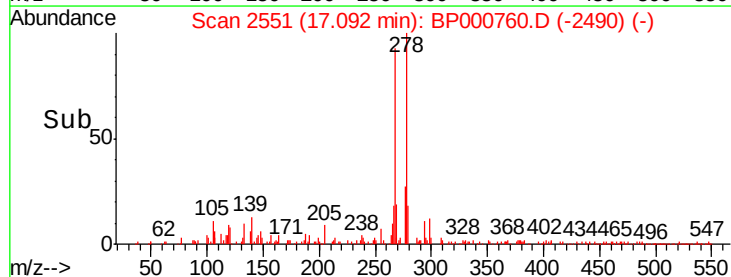
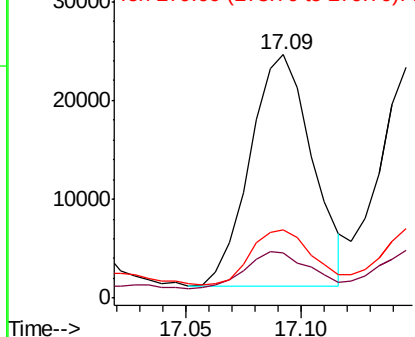
#93

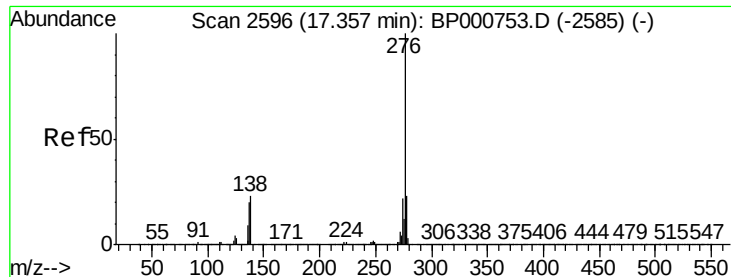
Dibenzo(a,h)anthracene
Concen: 1.108 ng/ul
RT: 17.09 min Scan# 2551
Delta R.T. 0.16 min
Lab File: BP000760.D
Acq: 15 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.2	21.4
279	27.9	19.2	28.8



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: 5.020 ng/ul

RT: 17.36 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BP000760.D

Acq: 15 Oct 2019 12:56

Instrument :

BNA_P

ClientSampleId :

BEP89

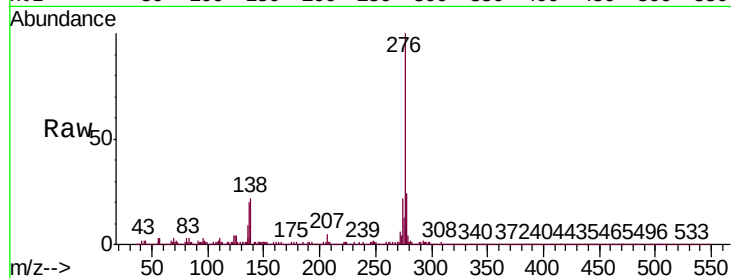
Tgt Ion: 276 Resp: 202921

Ion Ratio Lower Upper

276 100

138 22.5 18.4 27.6

277 24.2 19.4 29.0



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

