

Data File : BP000780.D
Acq On : 15 Oct 2019 20:59
Operator : JU
Sample : K5178-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPE8

Quant Time: Oct 16 05:15:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	201225	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	734807	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	389279	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	697608	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	609566	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	686931	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	17849	3.68	ng/uL	0.00
5) Phenol-d5	6.39	99	293249	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	159923	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	265796	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	206905	17.45	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	122688	21.96	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	129245	21.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	228182	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	268473	21.21	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	642179	23.57	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	763470	22.78	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	61755	14.71	ng/ul	0.00
58) Fluorene-d10	10.32	176	535855	22.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	47651	14.34	ng/ul	0.00
71) Anthracene-d10	11.35	188	758321	23.47	ng/ul	0.00
79) Pyrene-d10	12.73	212	838671	24.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	854258	25.19	ng/ul	0.00

Target Compounds

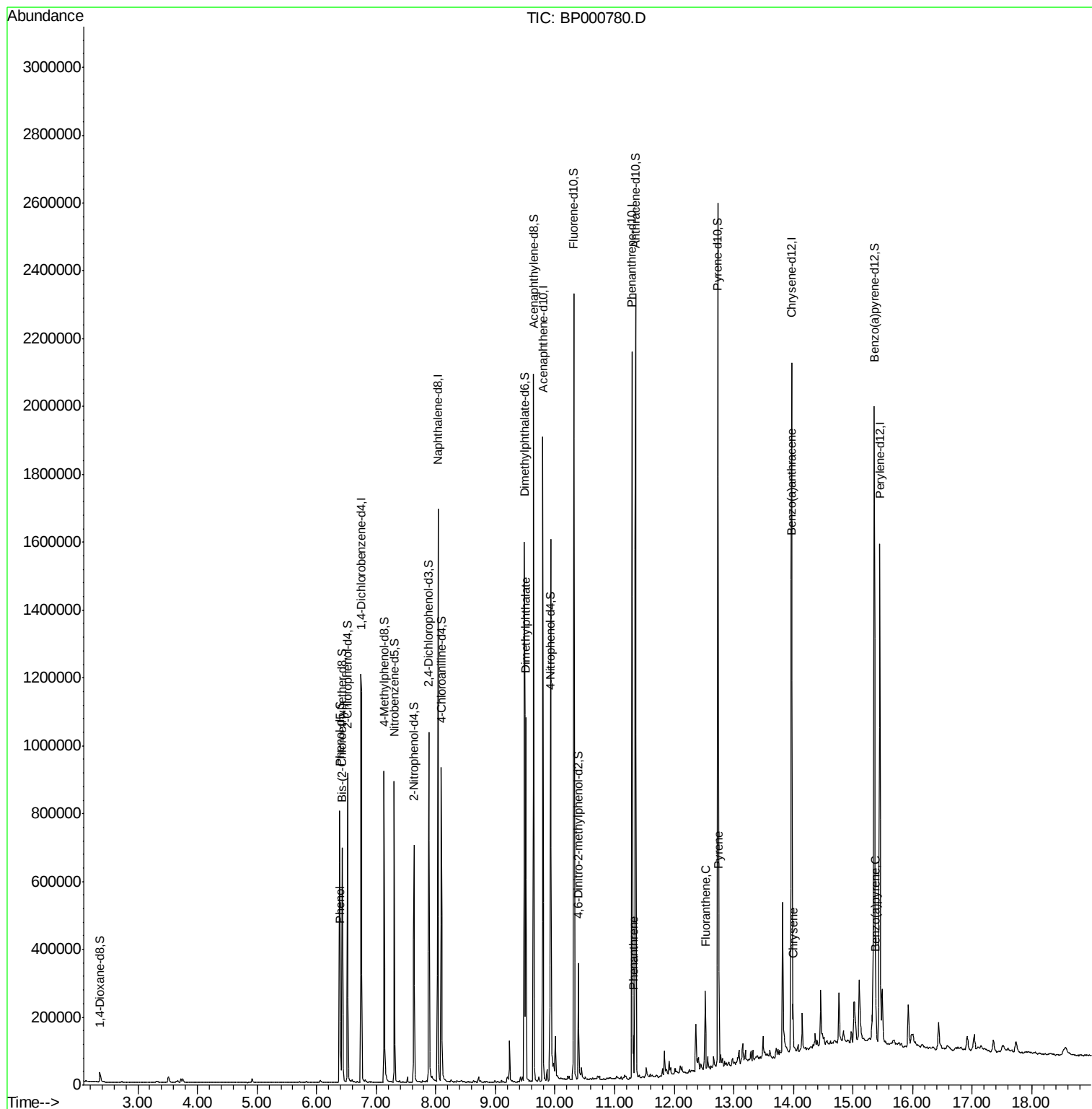
						Qvalue
6) Phenol	6.40	94	39636	2.533	ng/ul	98
45) Dimethylphthalate	9.51	163	380012	13.995	ng/ul	100
70) Phenanthrene	11.32	178	42365	1.114	ng/ul	99
77) Fluoranthene	12.52	202	87779	2.253	ng/ul	98
80) Pyrene	12.75	202	91074	2.106	ng/ul#	95
83) Benzo(a)anthracene	13.96	228	51708	1.264	ng/ul	96
85) Chrysene	13.99	228	48642	1.279	ng/ul	97
91) Benzo(a)pyrene	15.38	252	47671	1.228	ng/ul	95

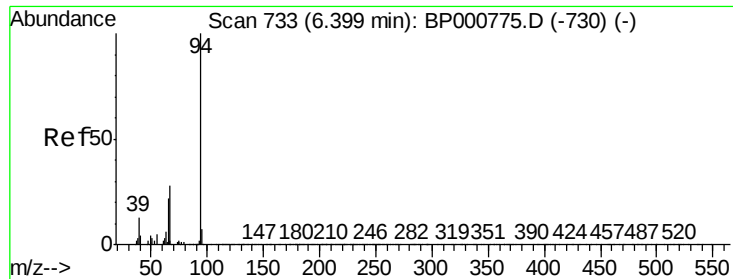
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.533 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000780.D

Acq: 15 Oct 2019 20:59

Instrument :

BNA_P

ClientSampled :

BEPE8

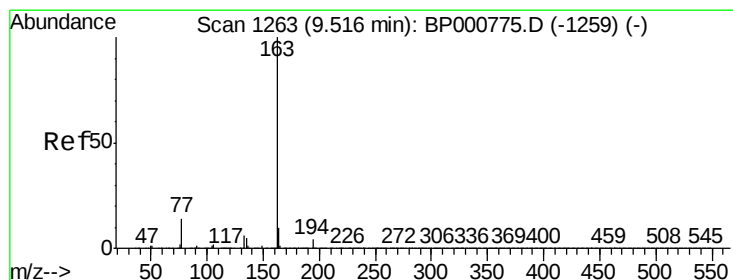
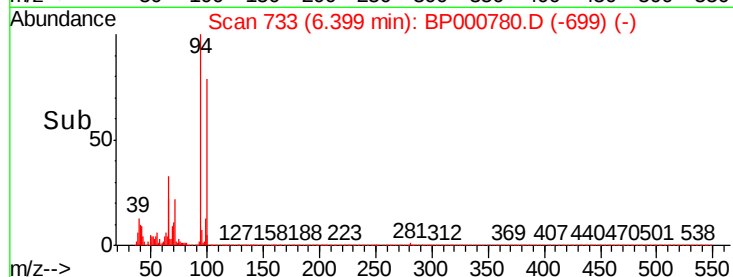
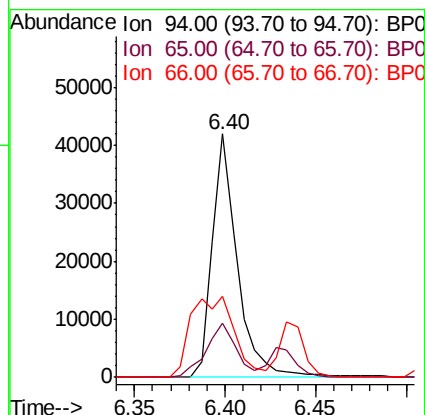
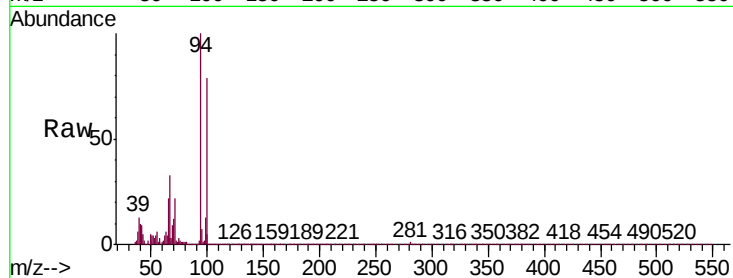
Tgt Ion: 94 Resp: 39636

Ion Ratio Lower Upper

94 100

65 22.4 19.2 28.8

66 33.1 25.7 38.5



#45

Dimethylphthalate

Concen: 13.995 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000780.D

Acq: 15 Oct 2019 20:59

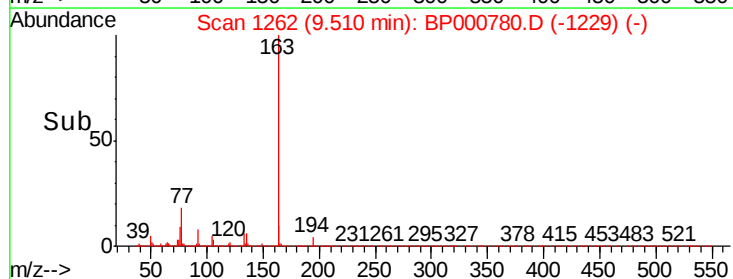
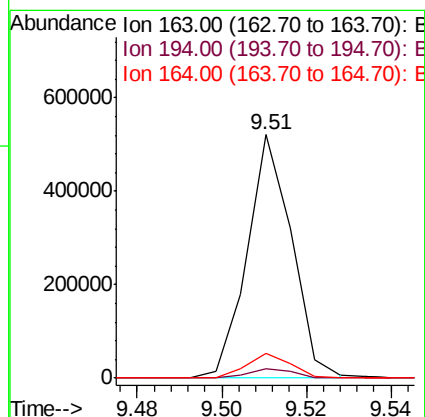
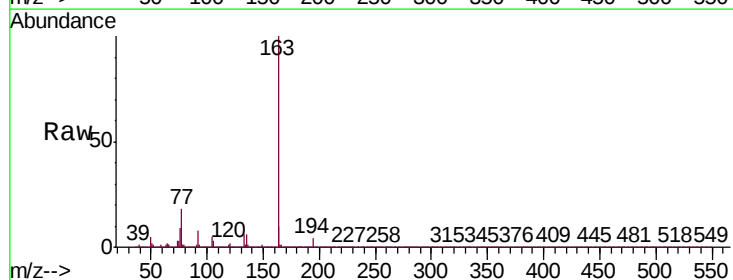
Tgt Ion: 163 Resp: 380012

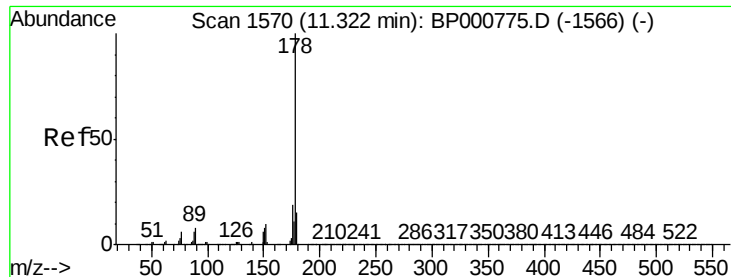
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.1 12.1





#70

Phenanthrene

Concen: 1.114 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000780.D

Acq: 15 Oct 2019 20:59

Instrument :

BNA_P

ClientSampleId :

BEPE8

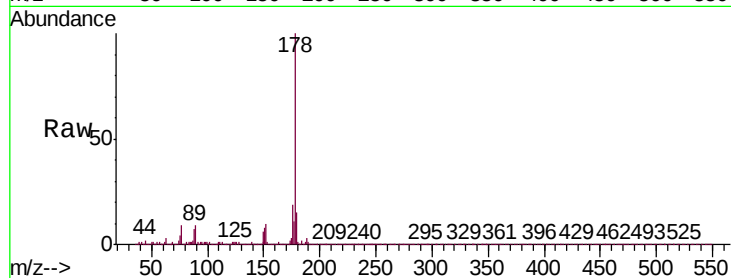
Tgt Ion:178 Resp: 42365

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

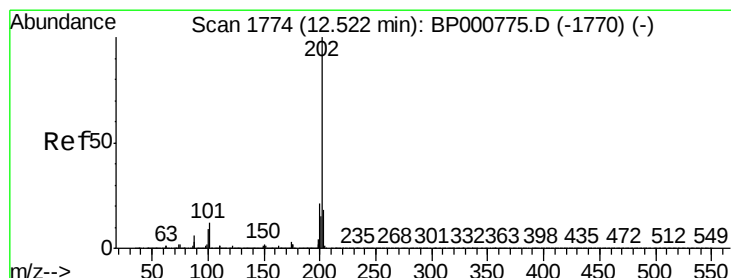
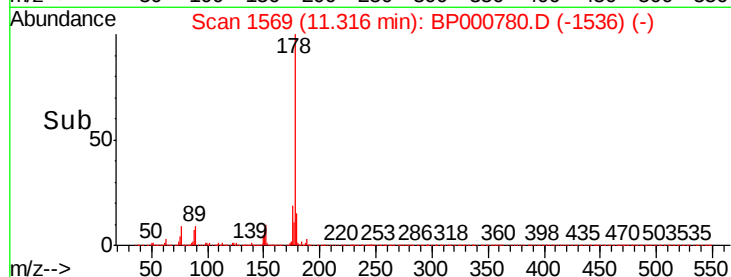
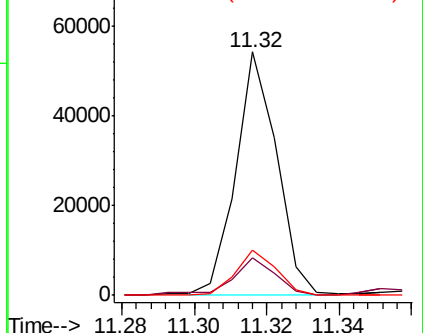
176 18.8 15.4 23.2



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: 2.253 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BP000780.D

Acq: 15 Oct 2019 20:59

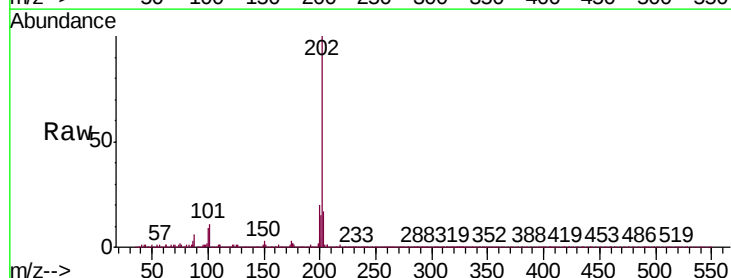
Tgt Ion:202 Resp: 87779

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.6

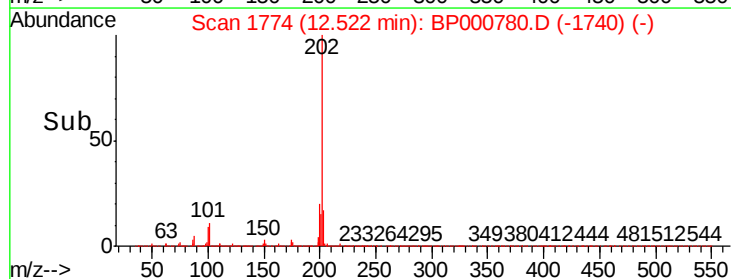
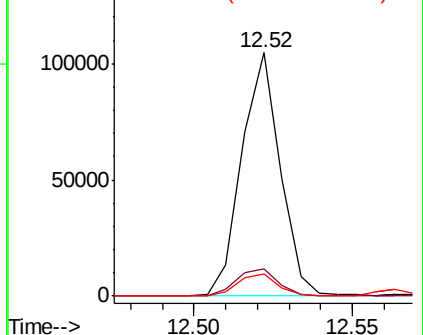
100 8.9 7.2 10.8

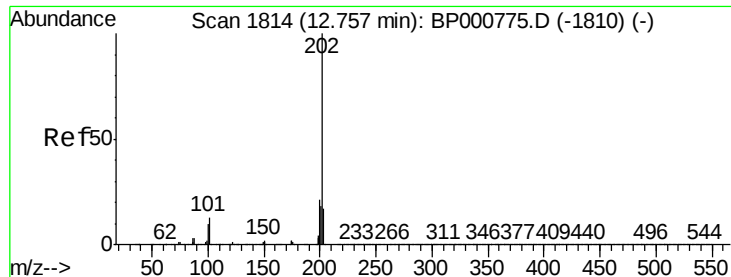


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

Concen: 2.106 ng/ul

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BP000780.D

Acq: 15 Oct 2019 20:59

Instrument :

BNA_P

ClientSampleId :

BEPE8

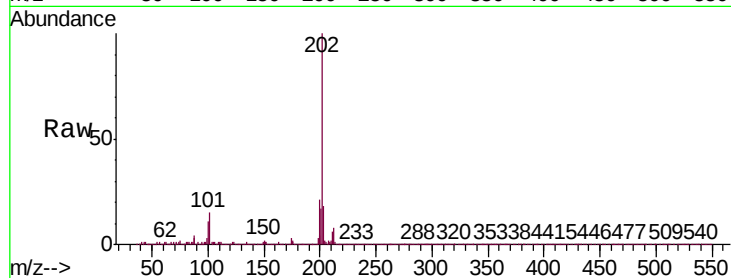
Tgt Ion:202 Resp: 91074

Ion Ratio Lower Upper

202 100

101 14.5 9.7 14.5#

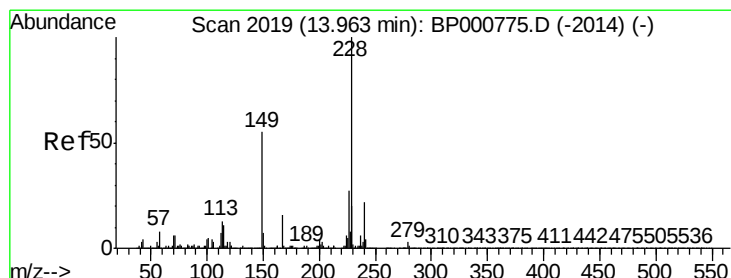
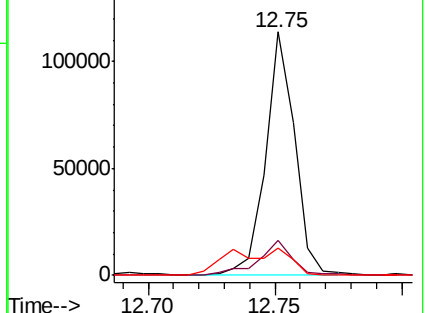
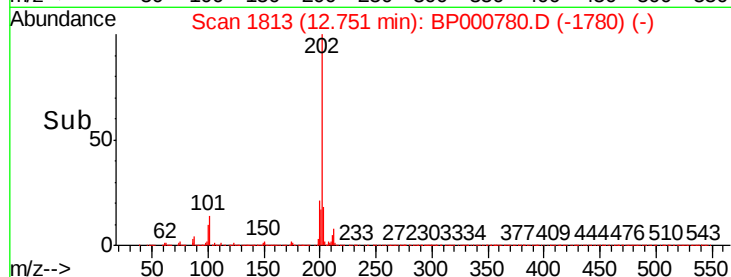
100 11.0 7.8 11.8



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: 1.264 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000780.D

Acq: 15 Oct 2019 20:59

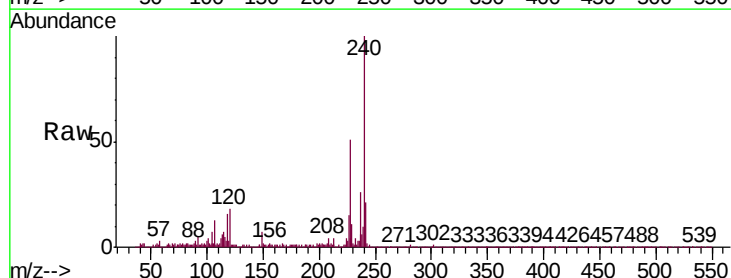
Tgt Ion:228 Resp: 51708

Ion Ratio Lower Upper

228 100

229 21.0 15.6 23.4

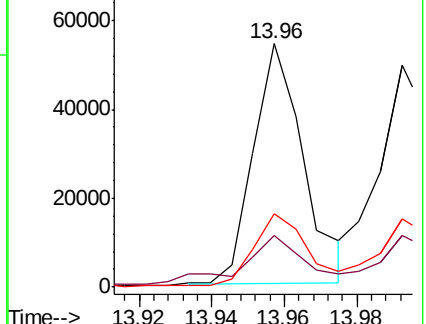
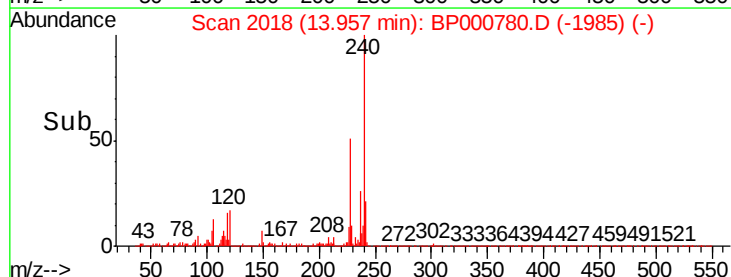
226 30.1 21.8 32.8

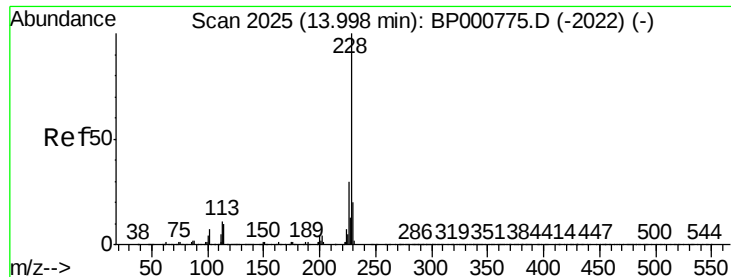


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.279 ng/ul

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000780.D

Acq: 15 Oct 2019 20:59

Instrument :

BNA_P

ClientSampleId :

BEPE8

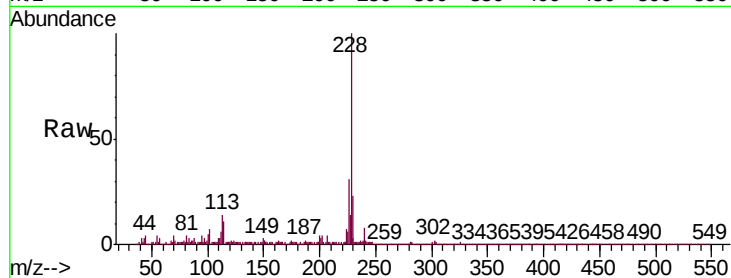
Tgt Ion:228 Resp: 48642

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

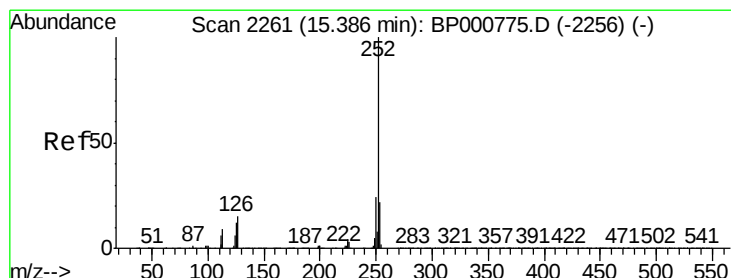
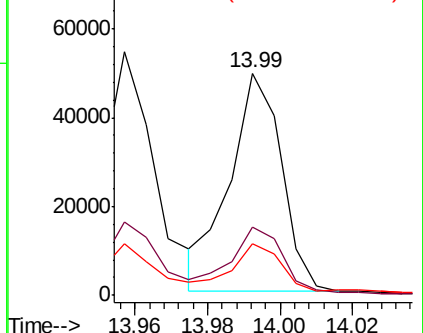
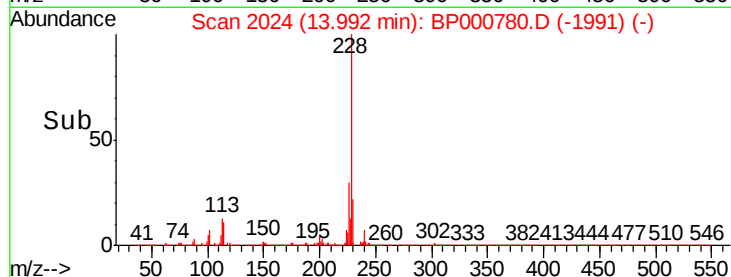
229 23.0 15.8 23.6



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



#91

Benzo(a)pyrene

Concen: 1.228 ng/ul

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BP000780.D

Acq: 15 Oct 2019 20:59

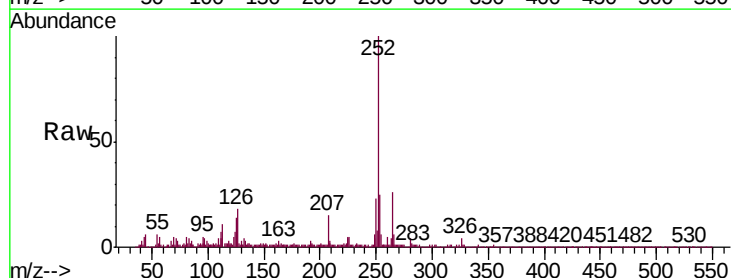
Tgt Ion:252 Resp: 47671

Ion Ratio Lower Upper

252 100

253 24.6 17.6 26.4

125 14.2 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

