

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
 Data File : BM012759.D
 Acq On : 06 Nov 2017 03:24
 Operator : SJ/JU
 Sample : I5825-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-64(2.5-4.5)-101117

Quant Time: Nov 06 07:23:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	143694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	608316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	381998	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	800557	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	644590	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	708100	20.00	ng/ul	0.00

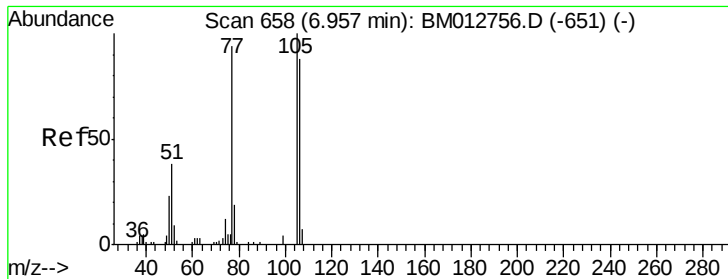
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	12200	4.59	ng/uL	0.00
5) Phenol-d5	6.99	99	286246	26.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	165363	28.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	252670	28.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	116999	12.68	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	132048	29.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	155379	30.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	274747	26.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	67580	6.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	942174	29.81	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1150147	29.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	97829	19.31	ng/ul	0.00
57) Fluorene-d10	15.45	176	831481	30.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	1919	0.36	ng/ul	-0.07
70) Anthracene-d10	17.29	188	1180715	30.53	ng/ul	0.00
78) Pyrene-d10	19.59	212	1063396	35.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1029477	30.75	ng/ul	0.01

Target Compounds

					Ovalue
4) Benzaldehyde	6.96	77	7018	1.23	ng/ul# 84
6) Phenol	7.02	94	48939	4.46	ng/ul 95
44) Dimethylphthalate	13.90	163	509851	16.25	ng/ul 100
69) Phenanthrene	17.23	178	99022	2.26	ng/ul 98
75) Di-n-butylphthalate	18.16	149	115117	2.60	ng/ul 99
79) Pyrene	19.62	202	246107	6.40	ng/ul# 91
82) Benzo(a)anthracene	21.36	228	141573	3.63	ng/ul# 92
83) Bis(2-ethylhexyl)phthalate	21.29	149	54685	2.68	ng/ul# 87
84) Chrysene	21.41	228	196433	5.56	ng/ul# 93
87) Benzo(b)fluoranthene	22.97	252	350626	8.10	ng/ul# 88
88) Benzo(k)fluoranthene	22.97	252	350626	8.52	ng/ul# 88
90) Benzo(a)pyrene	23.56	252	219443	5.33	ng/ul# 90
91) Indeno(1,2,3-cd)pyrene	25.98	276	249388	5.03	ng/ul# 87
92) Dibenzo(a,h)anthracene	25.99	278	64242	1.53	ng/ul# 69
93) Benzo(g,h,i)perylene	26.70	276	261389	6.39	ng/ul# 90

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



#4

Benzaldehyde

Concen: 1.23 ng/ul

RT: 6.96 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

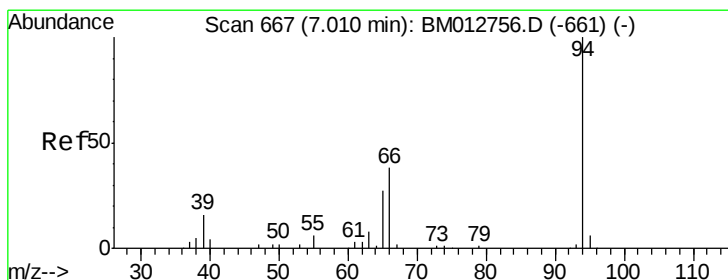
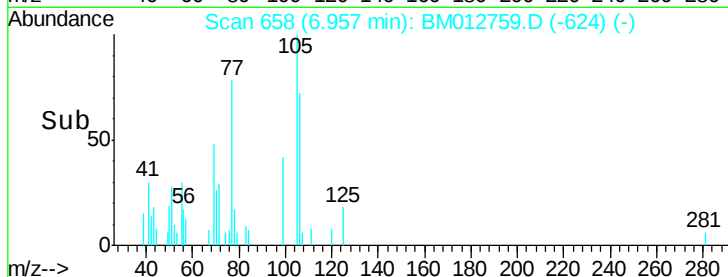
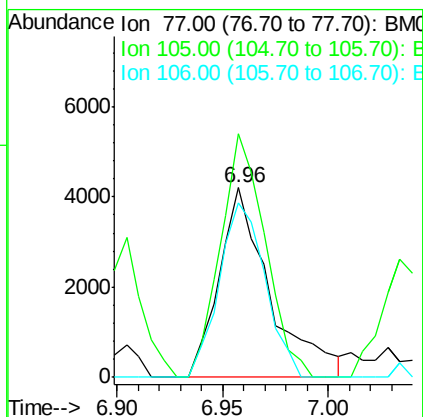
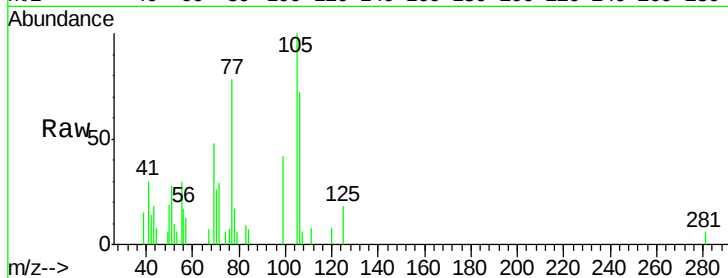
Tot Ion: 77 Resp: 7018

Ion Ratio Lower Upper

77 100

105 128.5 80.6 120.8#

106 92.4 77.7 116.5



#6

Phenol

Concen: 4.46 ng/ul

RT: 7.02 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

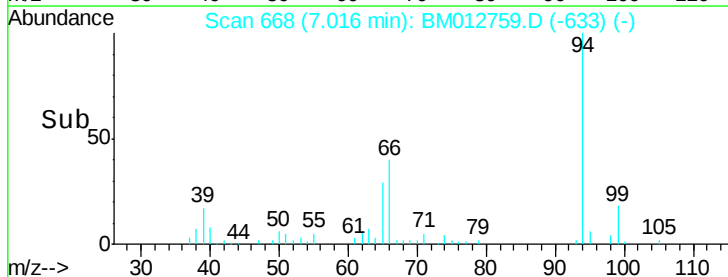
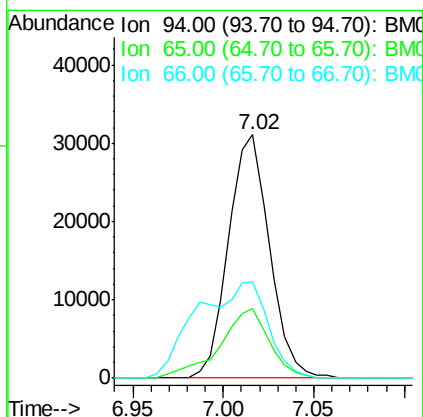
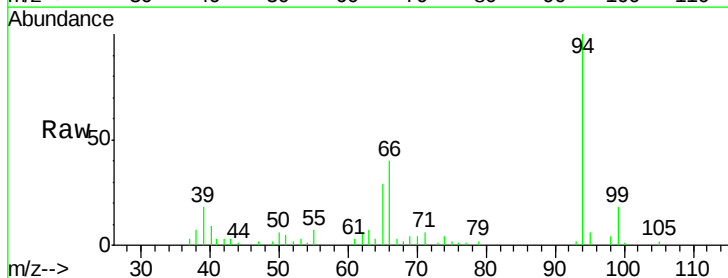
Tgt Ion: 94 Resp: 48939

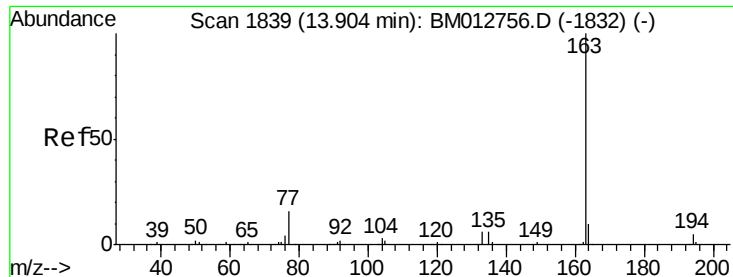
Ion Ratio Lower Upper

94 100

65 28.7 21.0 31.6

66 39.5 29.3 43.9





#44

Dimethylphthalate

Concen: 16.25 ng/ul

RT: 13.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

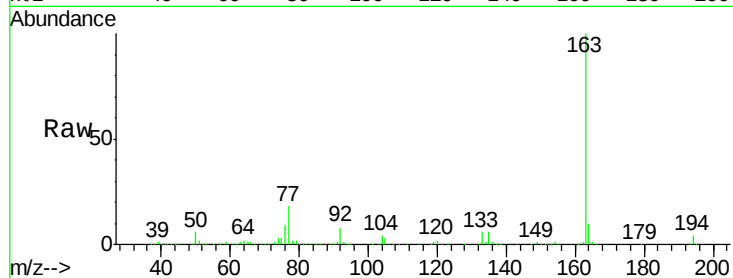
Tot Ion:163 Resp: 509851

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

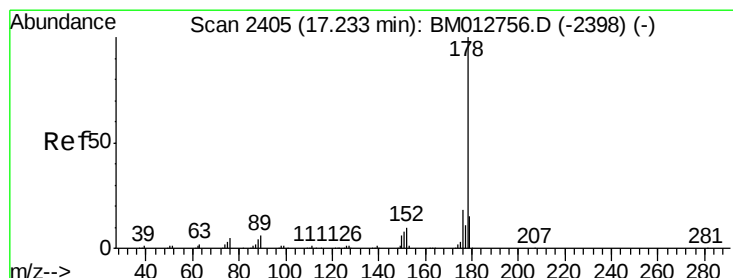
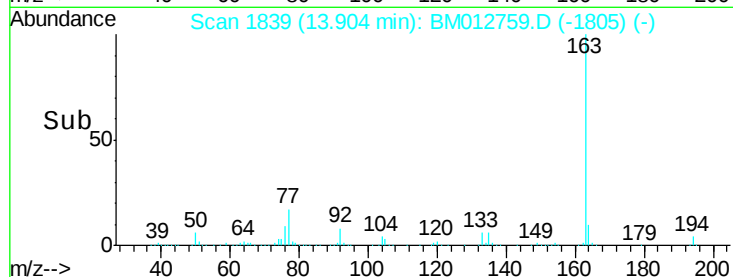
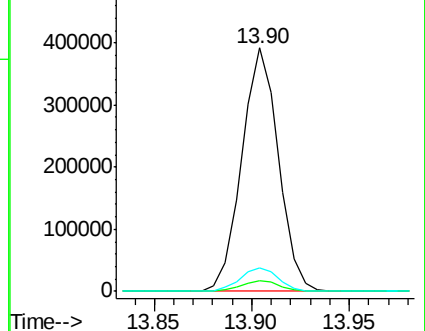
164 9.7 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 2.26 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

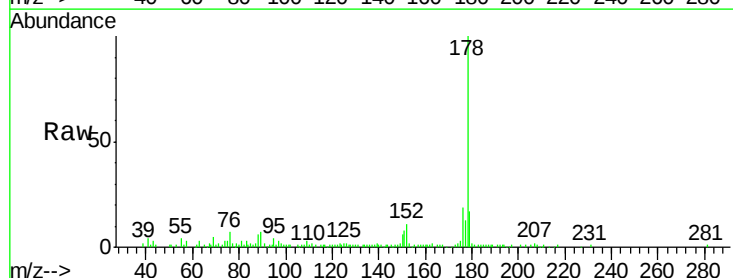
Tgt Ion:178 Resp: 99022

Ion Ratio Lower Upper

178 100

179 16.6 12.2 18.4

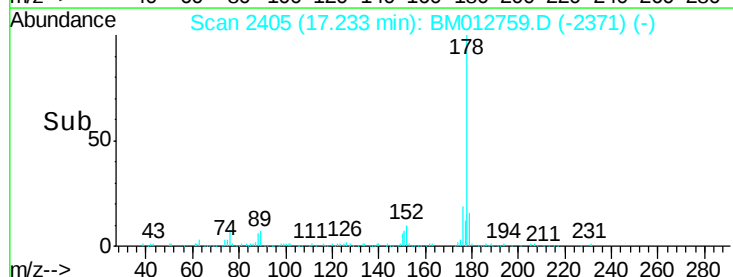
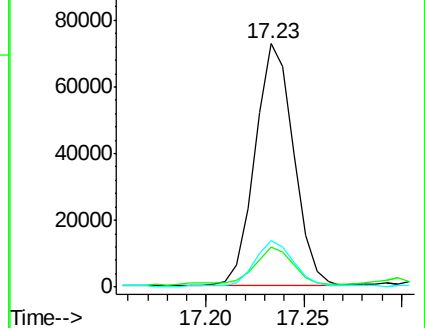
176 19.4 15.6 23.4

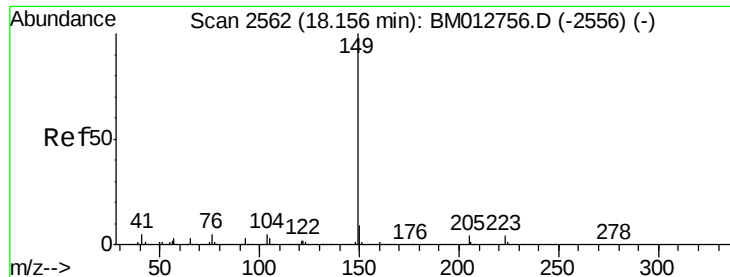


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Di-n-butylphthalate

Concen: 2.60 ng/ul

RT: 18.16 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

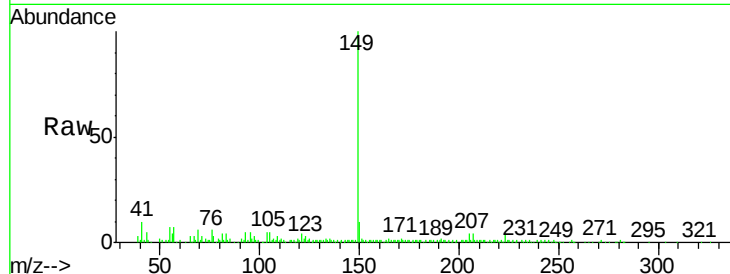
Tot Ion:149 Resp: 115117

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

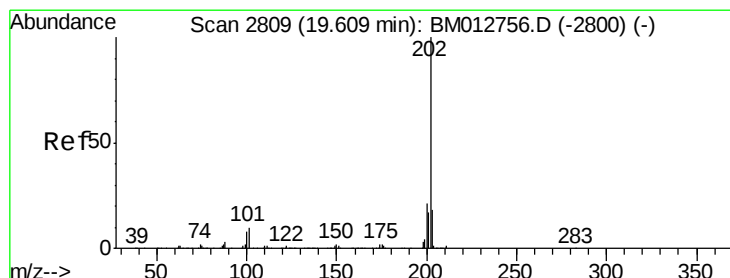
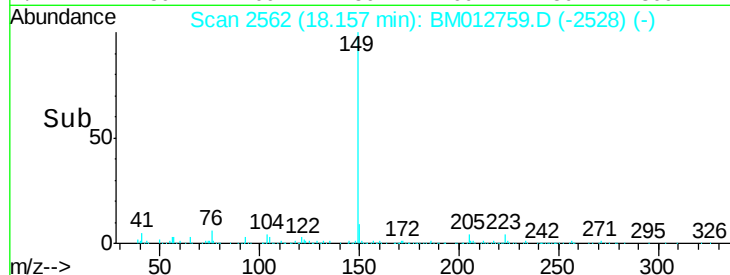
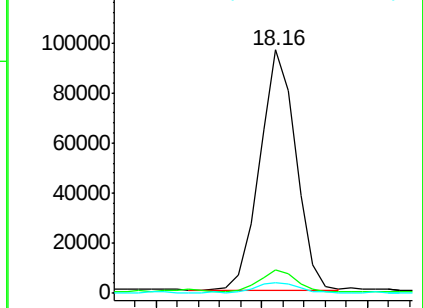
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#79

Pyrene

Concen: 6.40 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

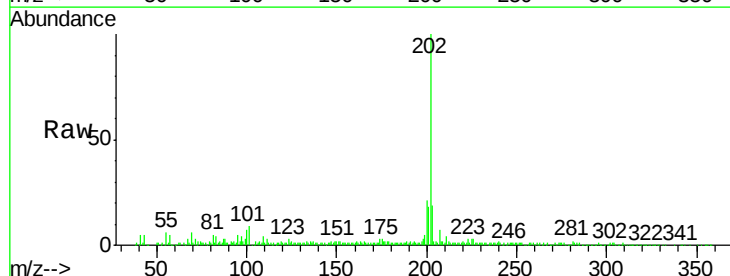
Tgt Ion:202 Resp: 246107

Ion Ratio Lower Upper

202 100

101 9.2 10.2 15.2#

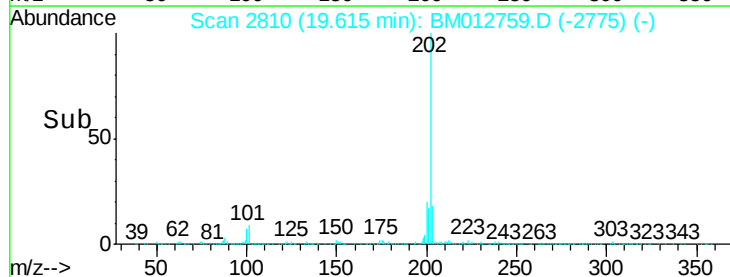
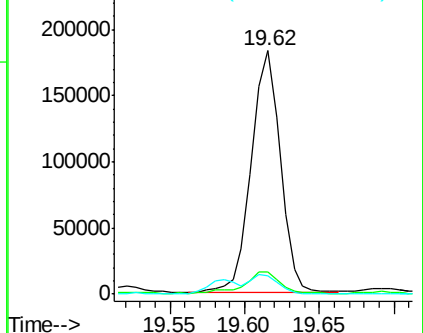
100 7.3 8.5 12.7#

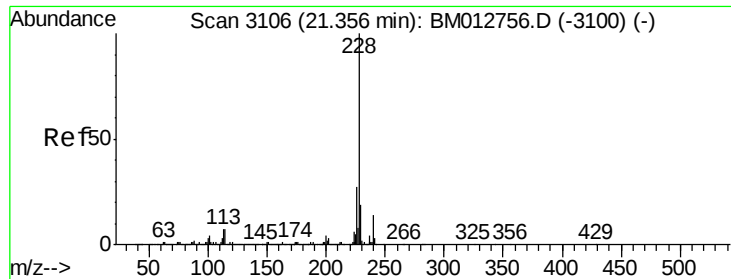


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 3.63 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

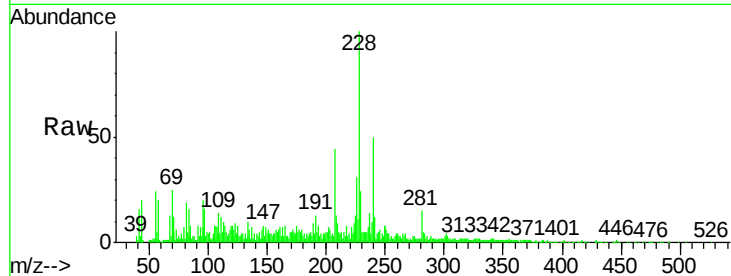
Tot Ion:228 Resp: 141573

Ion Ratio Lower Upper

228 100

229 24.4 15.7 23.5#

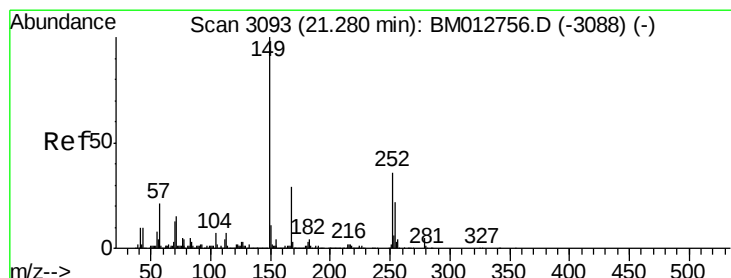
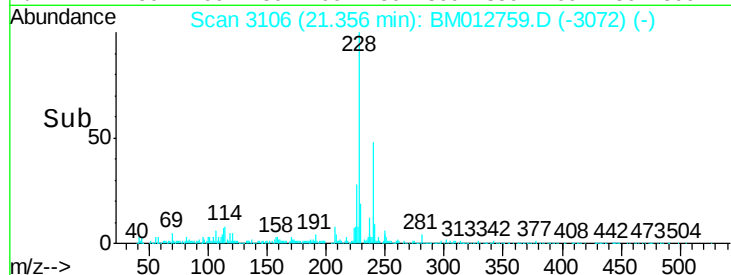
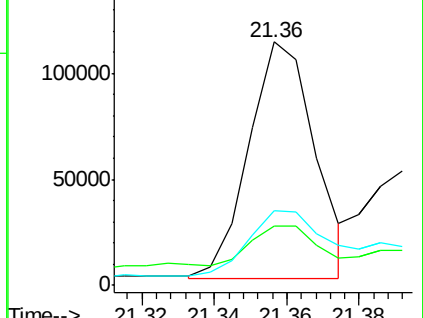
226 30.6 21.8 32.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.68 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

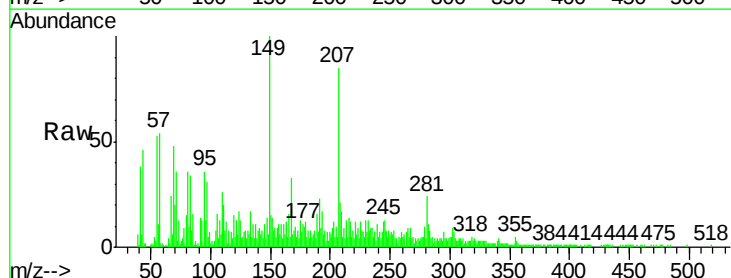
Tgt Ion:149 Resp: 54685

Ion Ratio Lower Upper

149 100

167 33.4 21.6 32.4#

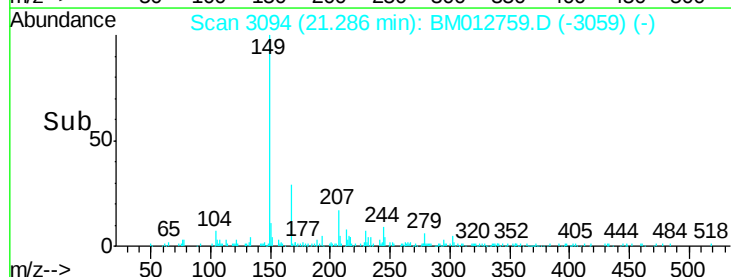
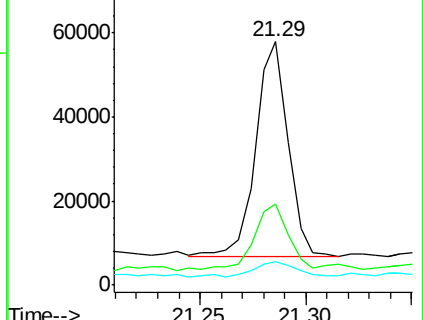
279 9.6 3.0 4.4#

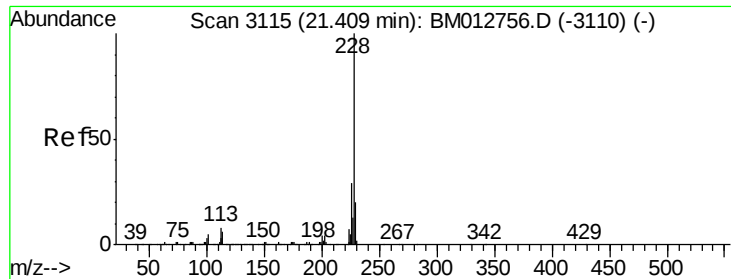


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 5.56 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

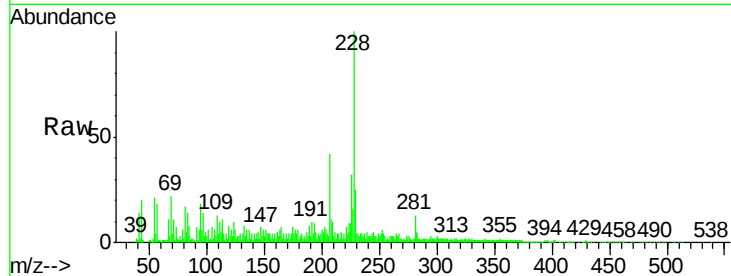
Tot Ion:228 Resp: 196433

Ion Ratio Lower Upper

228 100

226 32.2 24.0 36.0

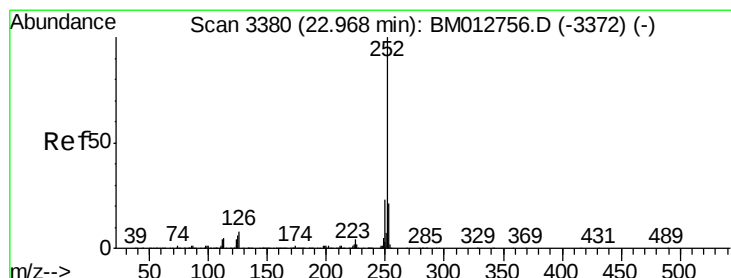
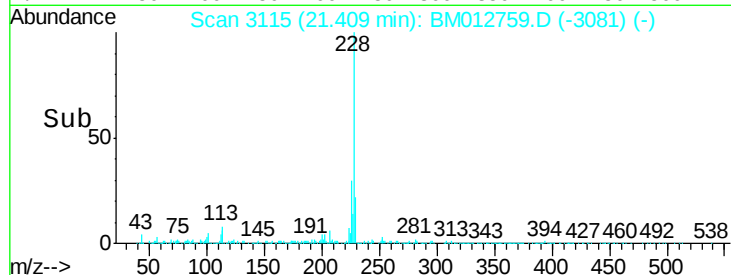
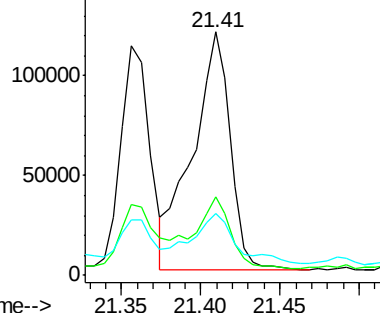
229 25.2 15.6 23.4#



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



#87

Benzo(b)fluoranthene

Concen: 8.10 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

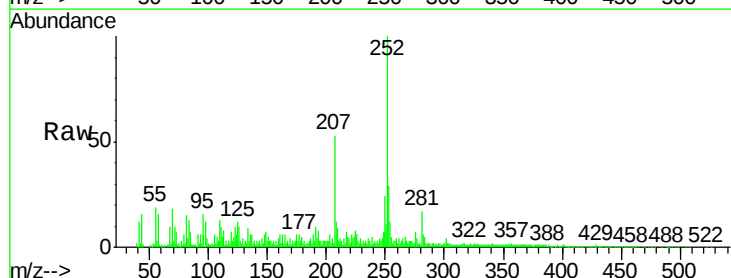
Tgt Ion:252 Resp: 350626

Ion Ratio Lower Upper

252 100

253 29.2 17.5 26.3#

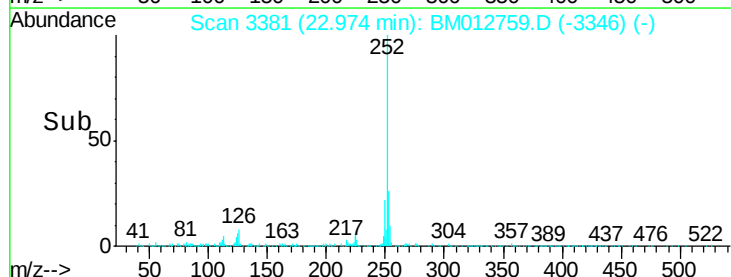
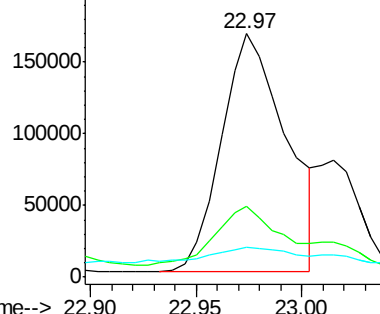
125 12.0 8.5 12.7

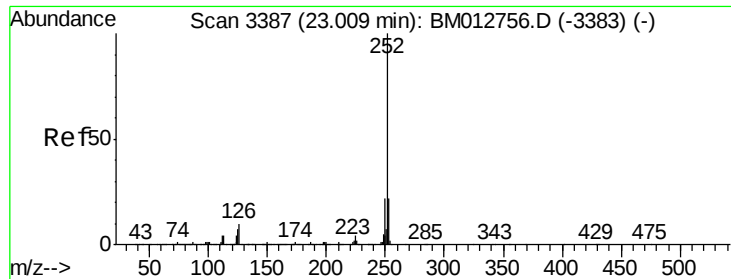


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 8.52 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

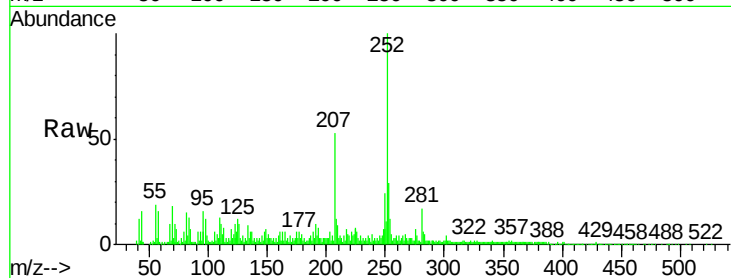
Tot Ion:252 Resp: 350626

Ion Ratio Lower Upper

252 100

253 29.2 17.3 25.9#

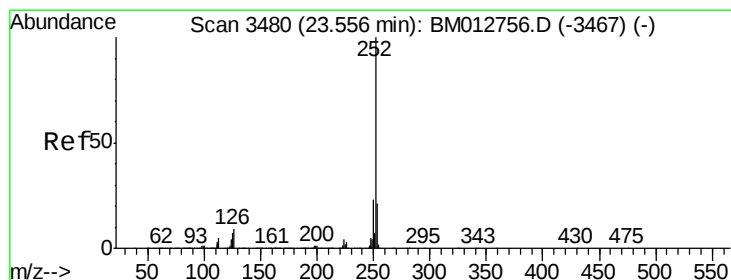
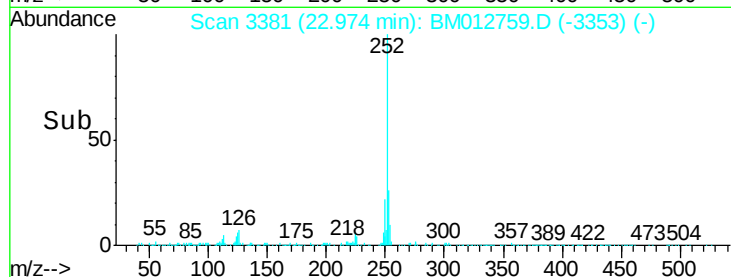
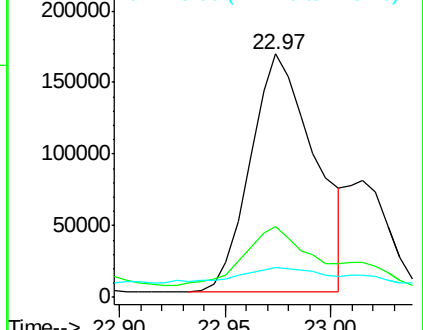
125 12.0 8.2 12.2



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



#90

Benzo(a)pyrene

Concen: 5.33 ng/ul

RT: 23.56 min Scan# 3481

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

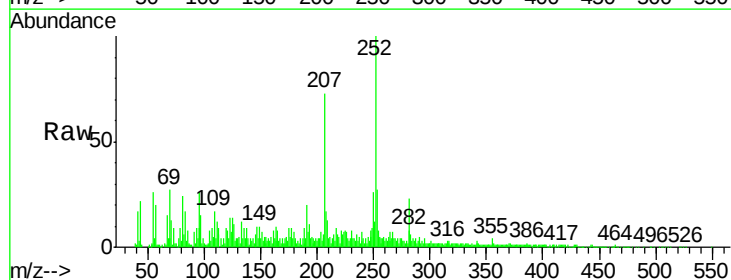
Tgt Ion:252 Resp: 219443

Ion Ratio Lower Upper

252 100

253 26.9 17.2 25.8#

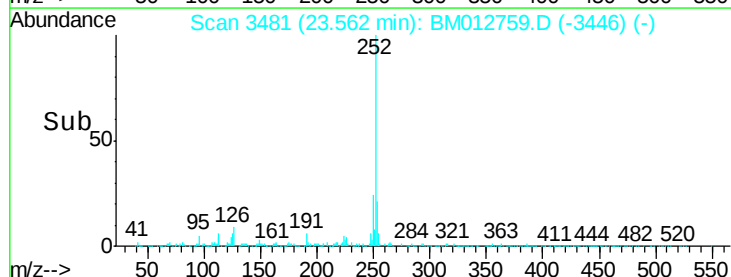
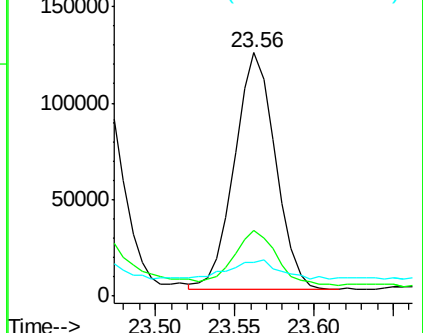
125 14.0 9.0 13.6#

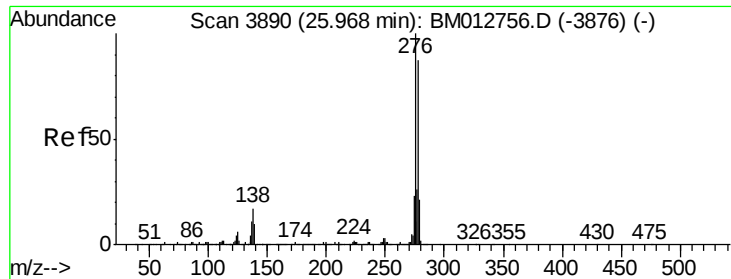


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 5.03 ng/ul

RT: 25.98 min Scan# 3892

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

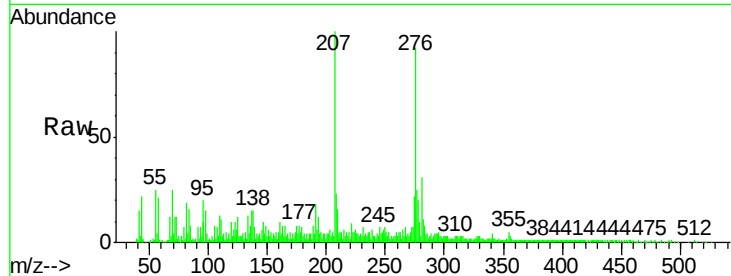
Tot Ion:276 Resp: 249388

Ion Ratio Lower Upper

276 100

138 16.1 22.3 33.5#

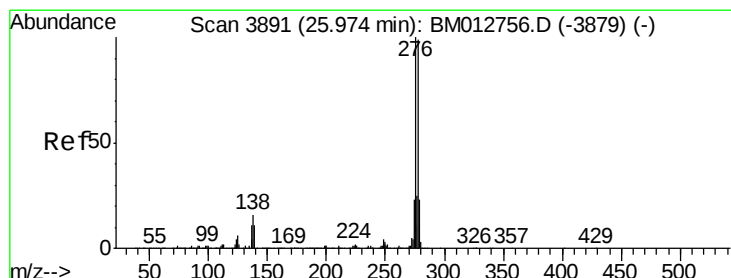
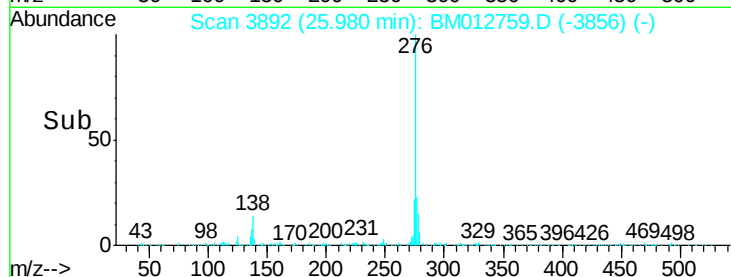
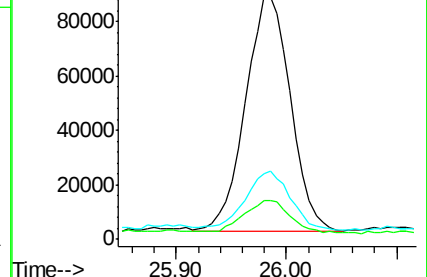
277 26.8 20.2 30.2



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



#92

Dibenzo(a,h)anthracene

Concen: 1.53 ng/ul

RT: 25.99 min Scan# 3893

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

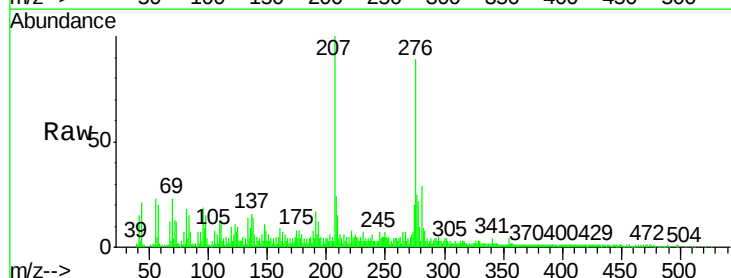
Tgt Ion:278 Resp: 64242

Ion Ratio Lower Upper

278 100

139 25.1 13.9 20.9#

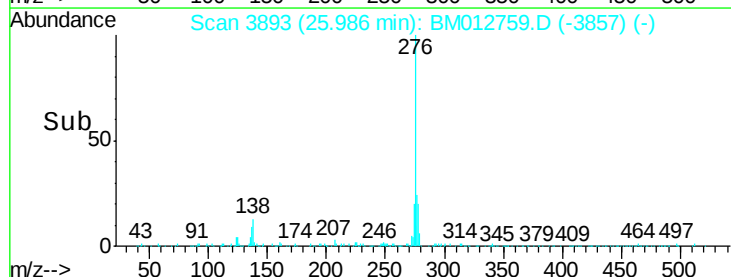
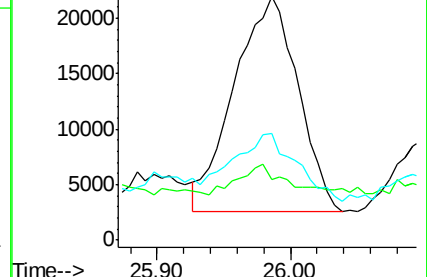
279 43.9 19.0 28.4#

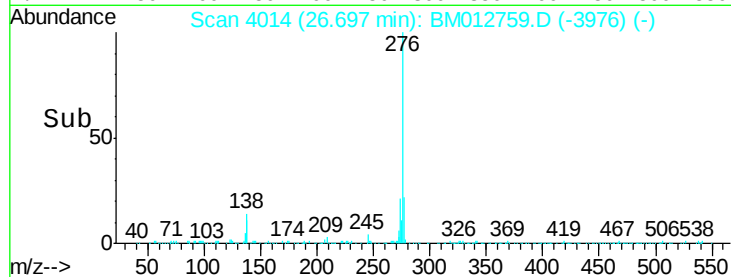
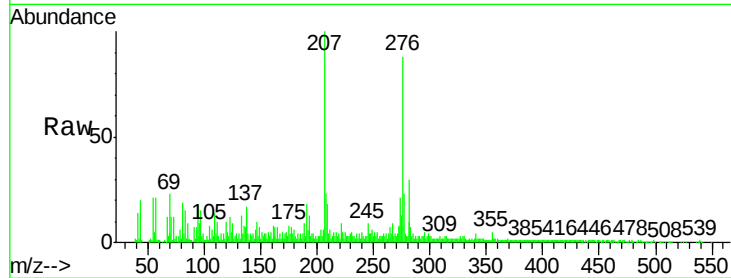
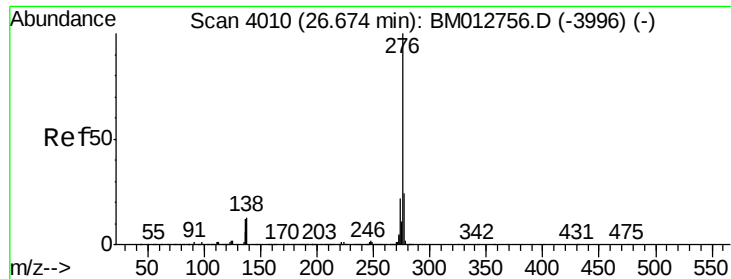


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 6.39 ng/ul

RT: 26.70 min Scan# 4014

Delta R.T. 0.02 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

ClientSampleId :

B-64(2.5-4.5)-101117

Tot Ion:276 Resp: 261389

Ion Ratio Lower Upper

276 100

138 15.8 18.9 28.3#

277 25.6 19.2 28.8

