

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
 Data File : BM018122.D
 Acq On : 13 Dec 2018 09:31
 Operator : JU/SJ
 Sample : J6171-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y15

Quant Time: Dec 13 11:06:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 13 09:53:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	137051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	625512	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	368042	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	823668	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	602077	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	640568	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	6078	2.03	ng/uL	0.00
5) Phenol-d5	6.74	99	191002	15.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	106997	14.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	164662	16.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	153579	15.02	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	81814	17.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	84459	15.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	161034	15.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	38491	4.28	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	519422	16.27	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	632785	16.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	62682	10.80	ng/ul	0.03
57) Fluorene-d10	15.20	176	454792	16.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	7773	1.32	ng/ul	0.00
70) Anthracene-d10	17.06	188	688696	16.79	ng/ul	0.00
78) Pyrene-d10	19.36	212	654563	22.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	579091	16.67	ng/ul	0.02

Target Compounds

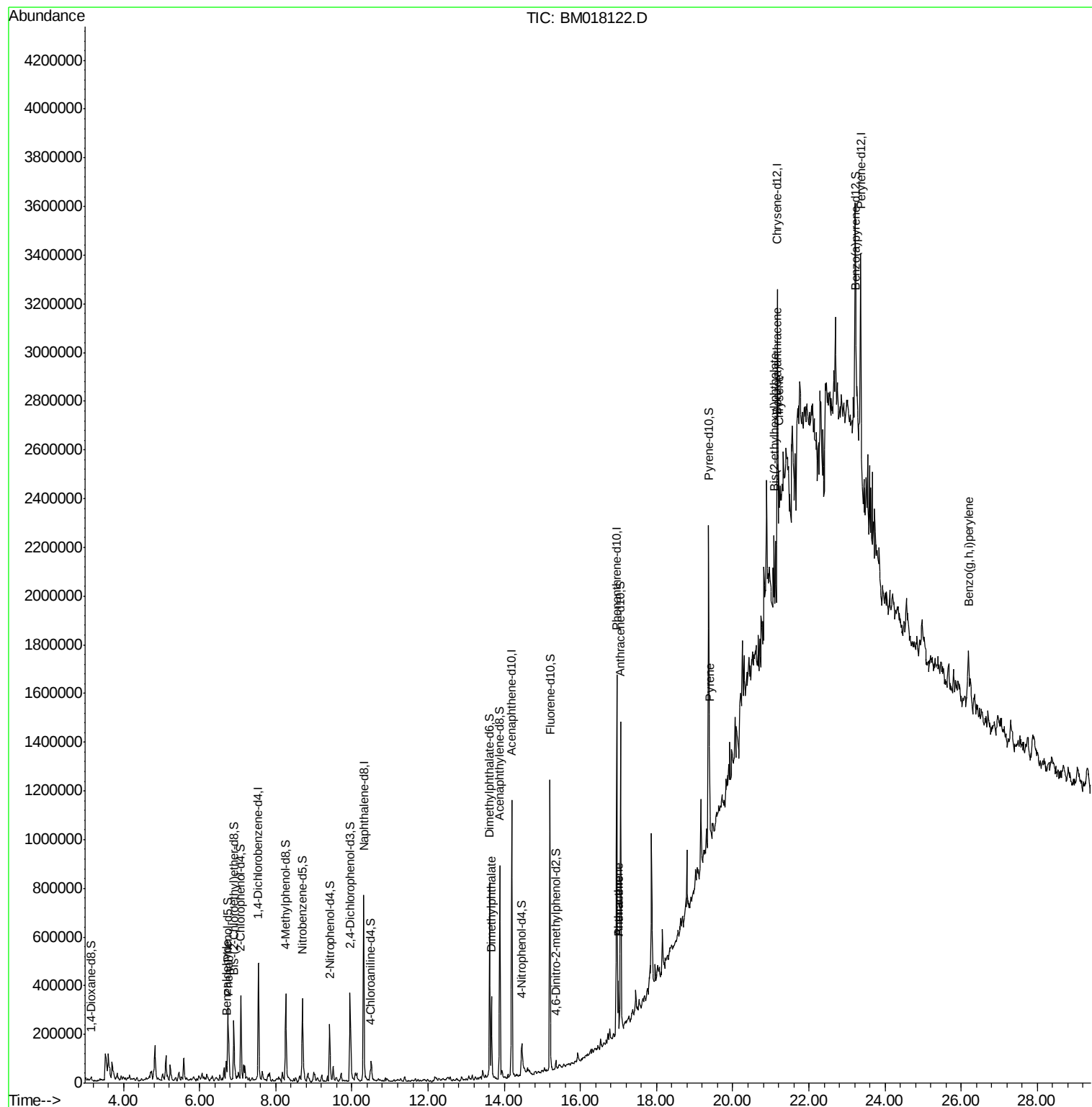
				Ovalue	
4) Benzaldehyde	6.70	77	6199	2.656	ng/ul# 1
6) Phenol	6.77	94	54849	4.390	ng/ul 98
44) Dimethylphthalate	13.66	163	204718	6.617	ng/ul 99
69) Phenanthrene	17.00	178	119676	2.541	ng/ul# 96
71) Anthracene	17.00	178	120135	2.494	ng/ul 97
79) Pyrene	19.39	202	115848	3.170	ng/ul 99
82) Benzo(a)anthracene	21.16	228	42199	1.130	ng/ul# 62
83) Bis(2-ethylhexyl)phthalate	21.09	149	26372	1.140	ng/ul# 84
84) Chrysene	21.21	228	84760	2.427	ng/ul# 82
93) Benzo(a,h,i)perylene	26.19	276	273102	8.446	ng/ul 96

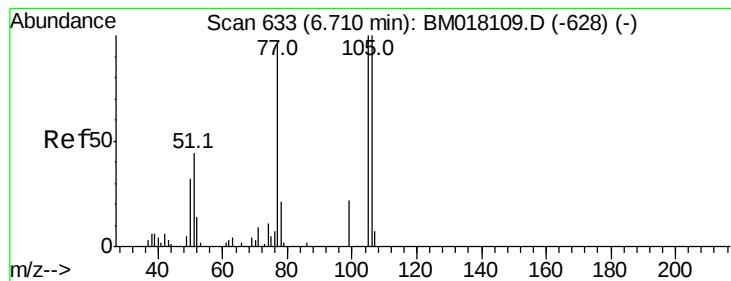
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.656 ng/ul

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM018122.D

Acq: 13 Dec 2018 09:31

Instrument :

BNA_M

ClientSampled :

F9Y15

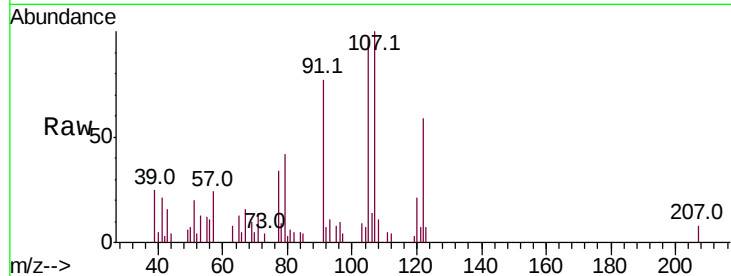
Tot Ion: 77 Resp: 6199

Ion Ratio Lower Upper

77 100

105 288.0 74.4 111.6#

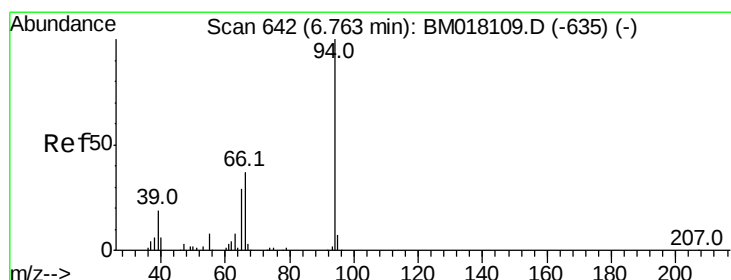
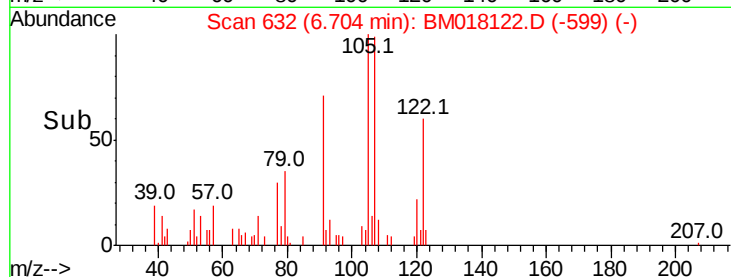
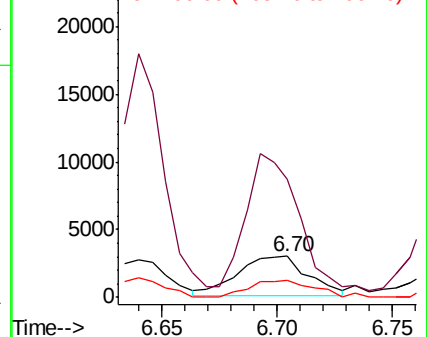
106 40.3 67.4 101.2#



Abundance Ion 77.00 (76.70 to 77.70): BM018109.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM018109.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM018109.D (-628) (-)



#6

Phenol

Concen: 4.390 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM018122.D

Acq: 13 Dec 2018 09:31

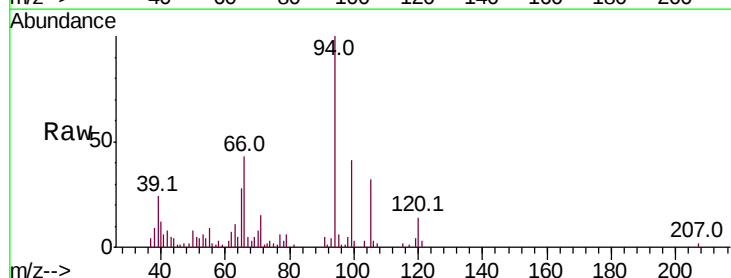
Tgt Ion: 94 Resp: 54849

Ion Ratio Lower Upper

94 100

65 28.1 24.7 37.1

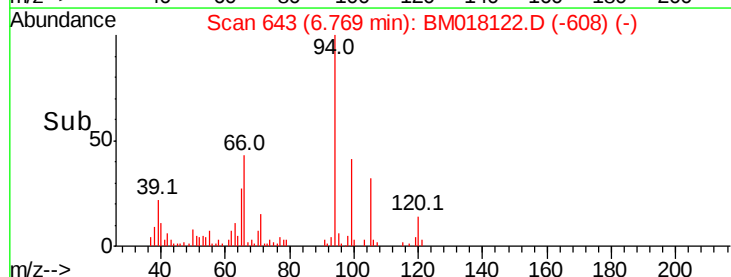
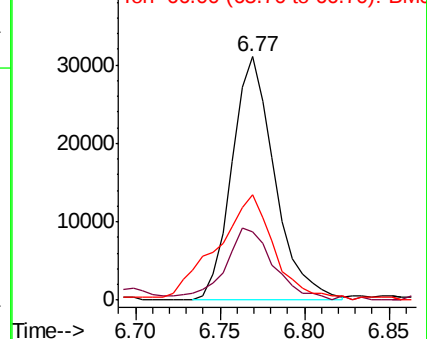
66 43.4 34.6 51.8

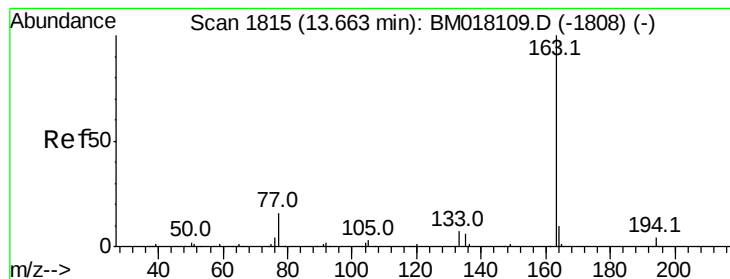


Abundance Ion 94.00 (93.70 to 94.70): BM018109.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM018109.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM018109.D (-635) (-)





#44

Dimethylphthalate

Concen: 6.617 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BM018122.D

Acq: 13 Dec 2018 09:31

Instrument :

BNA_M

ClientSampleId :

F9Y15

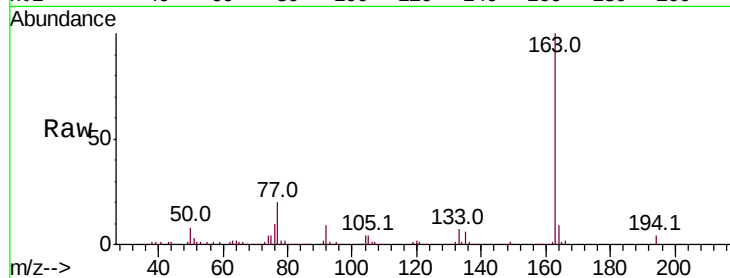
Tot Ion:163 Resp: 204718

Ion Ratio Lower Upper

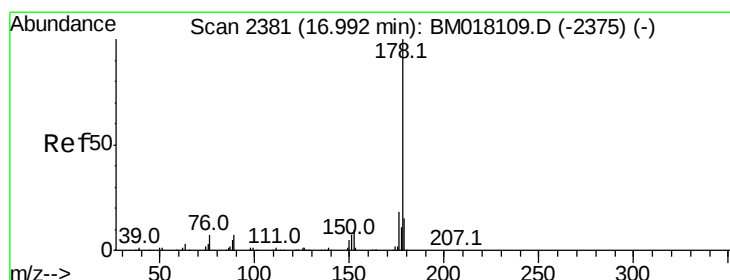
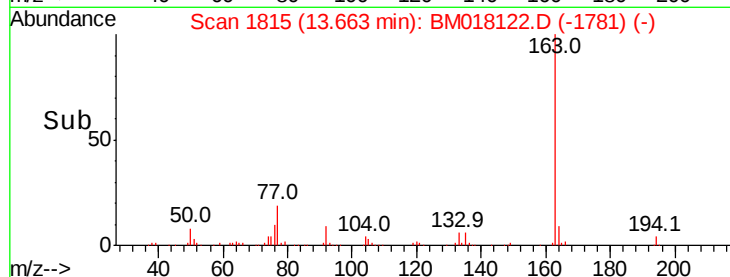
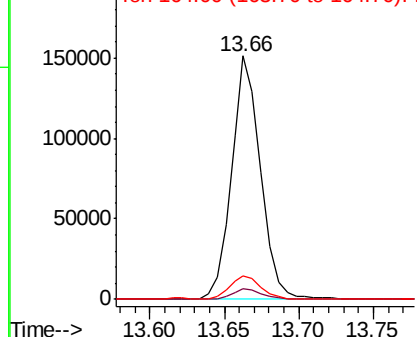
163 100

194 4.4 3.4 5.0

164 9.5 8.1 12.1



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: 2.541 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. 0.01 min

Lab File: BM018122.D

Acq: 13 Dec 2018 09:31

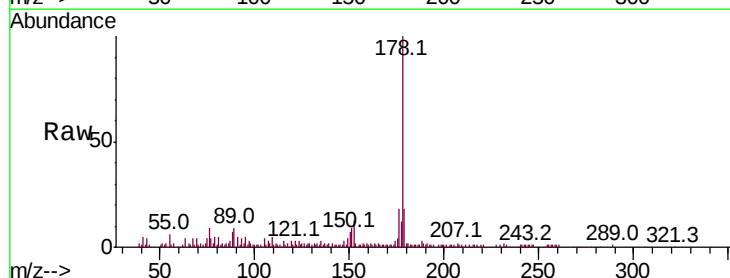
Tgt Ion:178 Resp: 119676

Ion Ratio Lower Upper

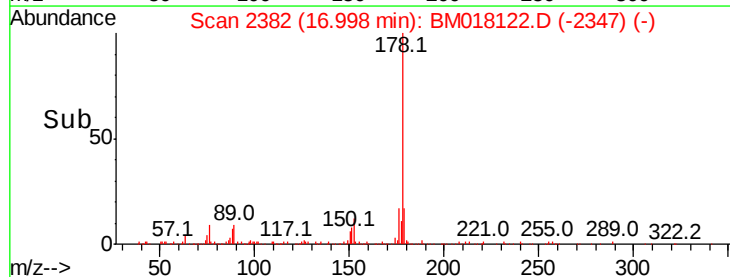
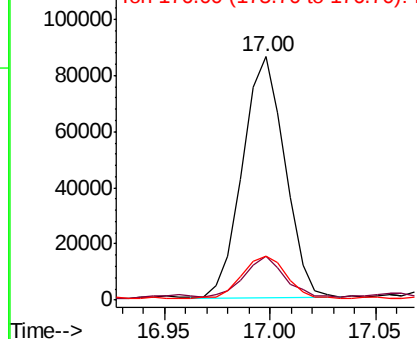
178 100

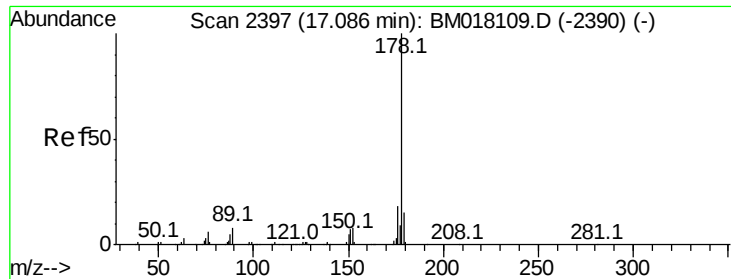
179 18.1 11.8 17.8#

176 18.1 15.0 22.6



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

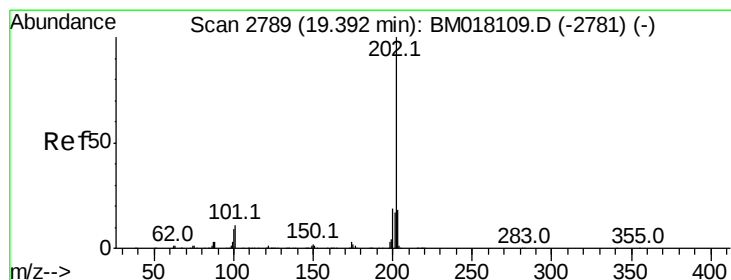
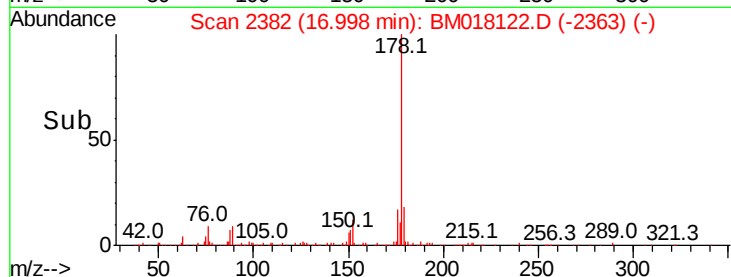
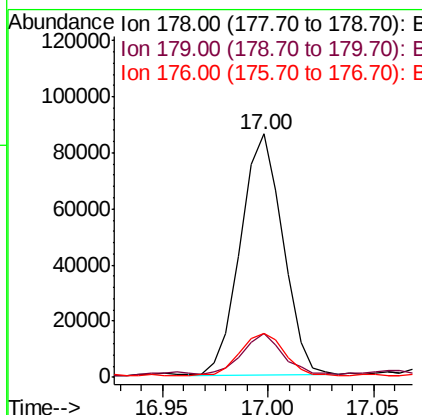
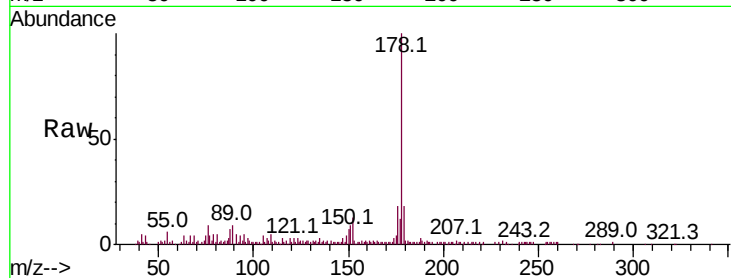




#71
 Anthracene
 Concen: 2.494 ng/ul
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.09 min
 Lab File: BM018122.D
 Acq: 13 Dec 2018 09:31

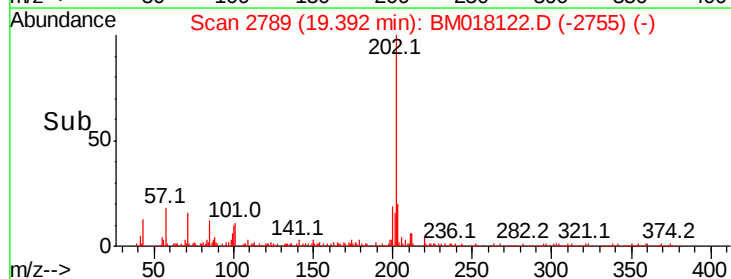
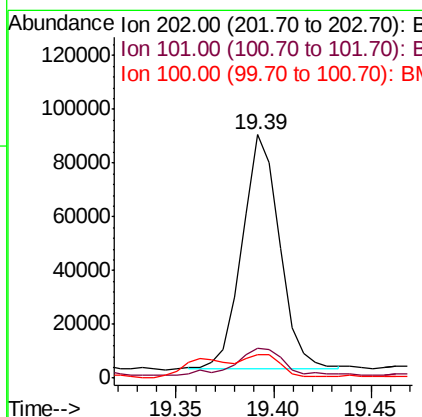
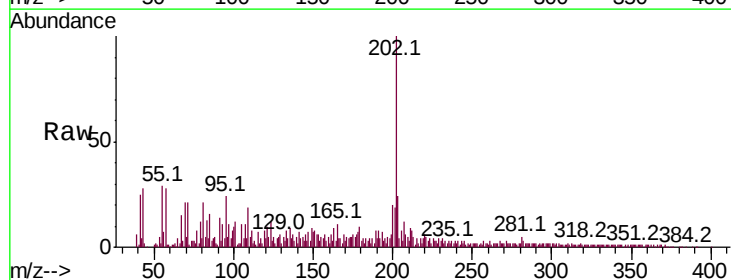
Instrument :
 BNA_M
 ClientSampleId :
 F9Y15

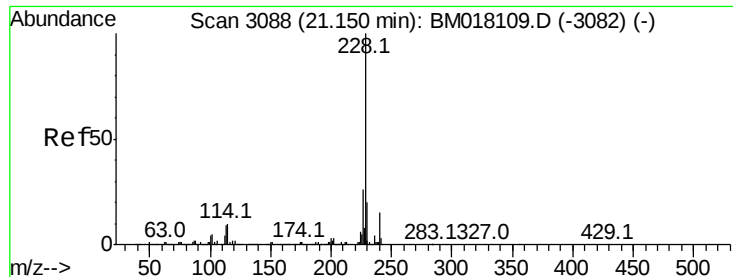
Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.4	18.6
176	18.1	14.8	22.2



#79
 Pyrene
 Concen: 3.170 ng/ul
 RT: 19.39 min Scan# 2789
 Delta R.T. 0.00 min
 Lab File: BM018122.D
 Acq: 13 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
100	9.9	7.9	11.9





#82

Benzo(a)anthracene

Concen: 1.130 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BM018122.D

Acq: 13 Dec 2018 09:31

Instrument :

BNA_M

ClientSampled :

F9Y15

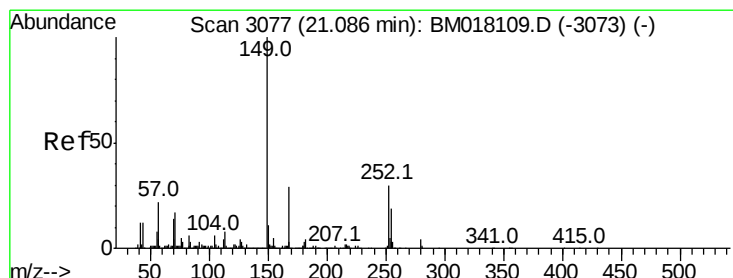
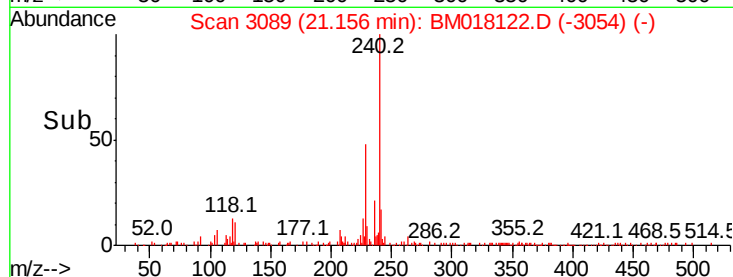
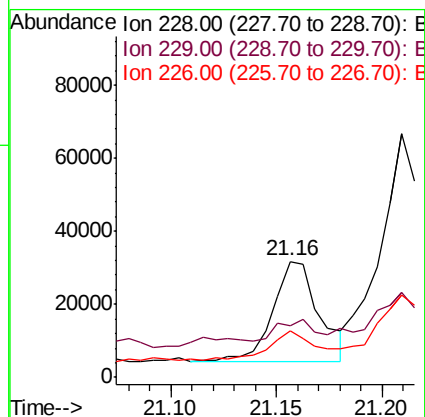
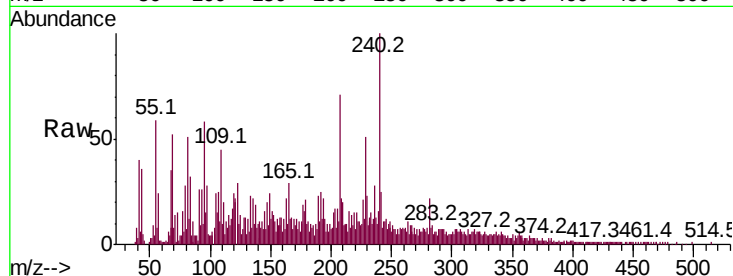
Tot Ion:228 Resp: 42199

Ion Ratio Lower Upper

228 100

229 44.0 16.0 24.0#

226 40.5 21.0 31.6#



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.140 ng/ul

RT: 21.09 min Scan# 3078

Delta R.T. 0.01 min

Lab File: BM018122.D

Acq: 13 Dec 2018 09:31

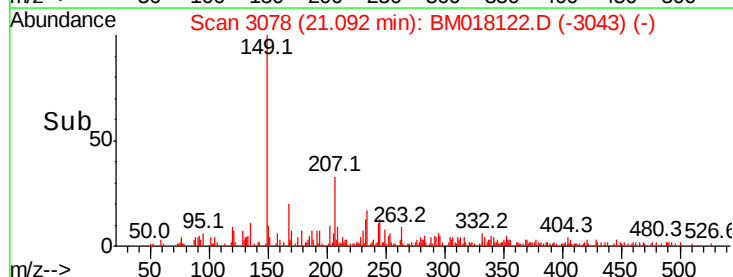
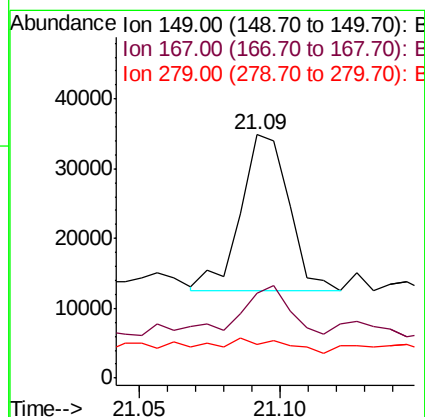
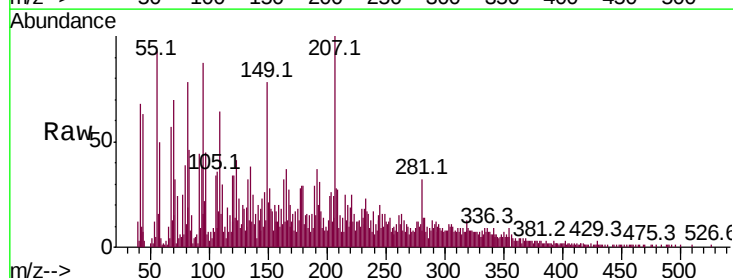
Tgt Ion:149 Resp: 26372

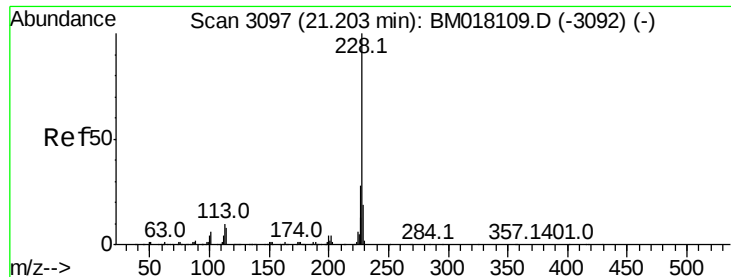
Ion Ratio Lower Upper

149 100

167 35.0 21.9 32.9#

279 13.7 3.6 5.4#





#84

Chrysene

Concen: 2.427 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM018122.D

Acq: 13 Dec 2018 09:31

Instrument :

BNA_M

ClientSampleId :

F9Y15

Tot Ion:228 Resp: 84760

Ion Ratio Lower Upper

228 100

226 34.0

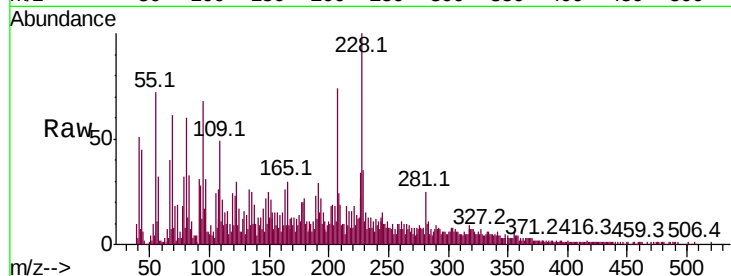
23.7

35.5

229 35.0

15.8

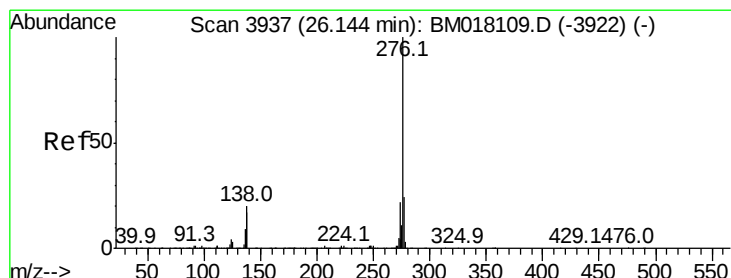
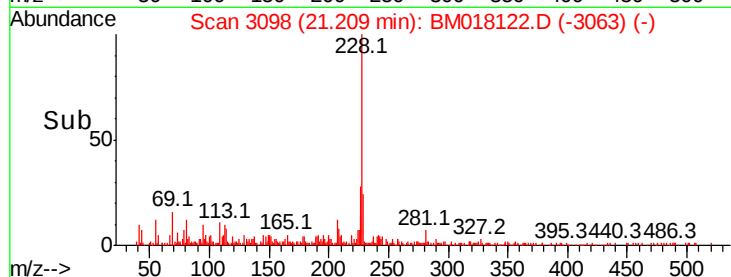
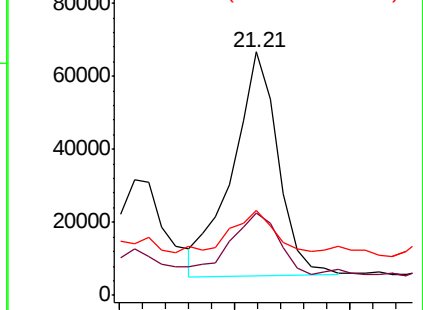
23.8#



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



#93

Benzo(g,h,i)perylene

Concen: 8.446 ng/ul

RT: 26.19 min Scan# 3945

Delta R.T. 0.05 min

Lab File: BM018122.D

Acq: 13 Dec 2018 09:31

Tgt Ion:276 Resp: 273102

Ion Ratio Lower Upper

276 100

138 22.6

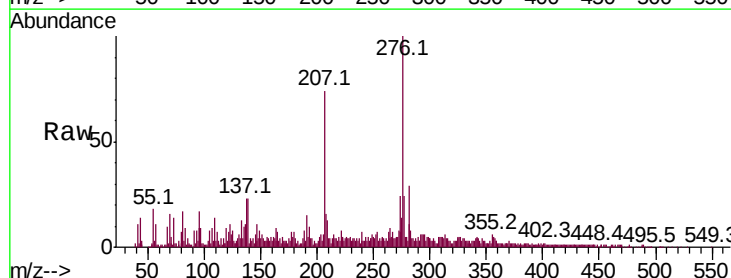
15.8

23.6

277 24.4

18.6

27.8



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

