

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012518.D
 Acq On : 28 Oct 2017 10:50
 Operator : SJ/JU
 Sample : I5786-07 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-8(1.5-2.5)_101017

Quant Time: Oct 30 07:28:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 05:30:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	525696	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1920935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1068914	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2351635	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2805631	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3180640	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	12361	1.20	ng/uL	0.00
5) Phenol-d5	7.05	99	227535	5.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	138474	5.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	184156	5.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	174032	4.64	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	85525	7.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	93902	7.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	186540	5.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	106204	3.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.91	166	550412	5.89	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	678343	6.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	71347	5.14	ng/ul	0.00
57) Fluorene-d10	15.49	176	471194	5.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	26425	2.32	ng/ul	0.01
70) Anthracene-d10	17.34	188	740305	6.61	ng/ul	0.00
76) Pyrene-d10	19.63	212	830598	6.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	972670	6.44	ng/ul	0.01

Target Compounds

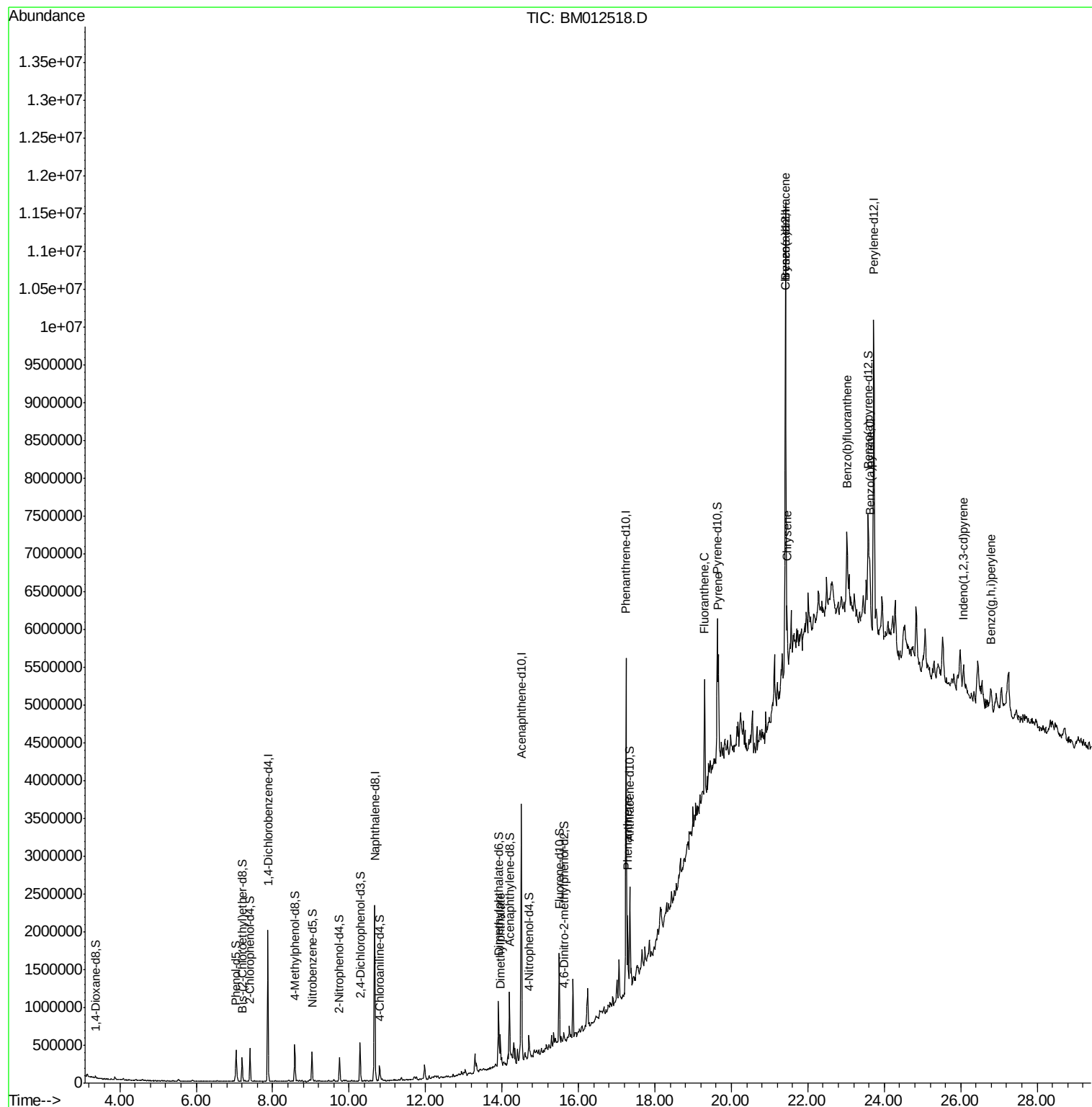
					Ovalue
44) Dimethylphthalate	13.96	163	257235	2.785 ng/ul	99
69) Phenanthrene	17.29	178	620343	4.878 ng/ul	98
74) Fluoranthene	19.30	202	848808	5.890 ng/ul#	92
77) Pyrene	19.66	202	799537	5.011 ng/ul#	92
80) Benzo(a)anthracene	21.40	228	425624	2.533 ng/ul#	88
82) Chrysene	21.45	228	419007	2.805 ng/ul#	83
85) Benzo(b)fluoranthene	23.03	252	602587	3.065 ng/ul#	75
88) Benzo(a)pyrene	23.63	252	387794	2.069 ng/ul#	81
89) Indeno(1,2,3-cd)pyrene	26.07	276	394775	1.789 ng/ul#	88
91) Benzo(g,h,i)perylene	26.80	276	337840	1.889 ng/ul#	85

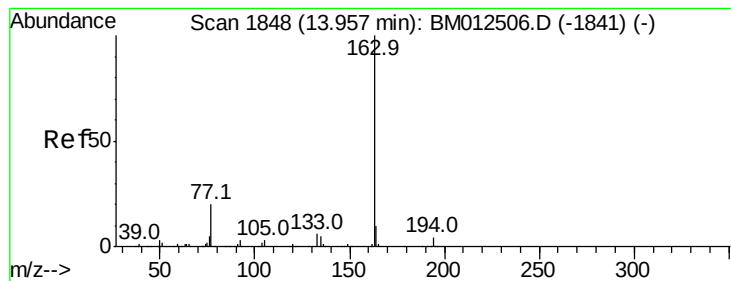
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012518.D
Acq On : 28 Oct 2017 10:50
Operator : SJ/JU
Sample : I5786-07 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-8(1.5-2.5)_101017

Quant Time: Oct 30 07:28:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.785 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

Instrument :

BNA_M

ClientSampleId :

B-8(1.5-2.5)_101017

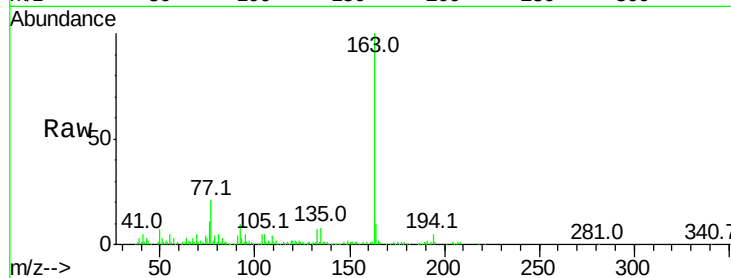
Tot Ion:163 Resp: 257235

Ion Ratio Lower Upper

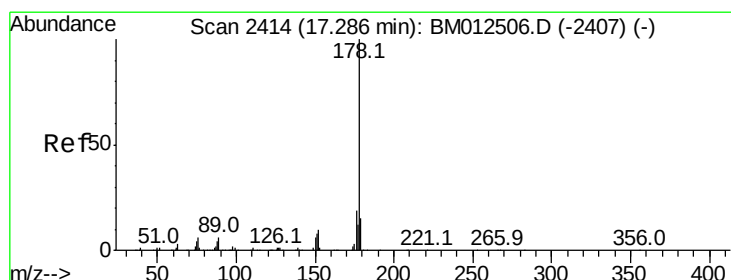
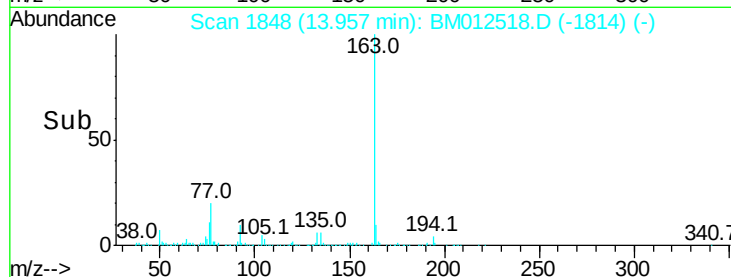
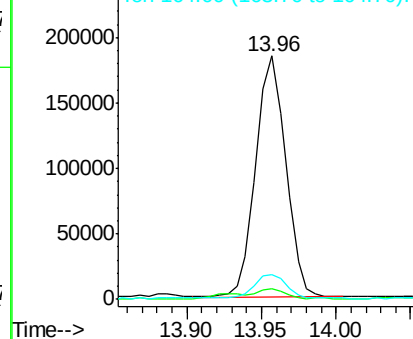
163 100

194 4.6 3.5 5.3

164 10.0 8.2 12.4



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: 4.878 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

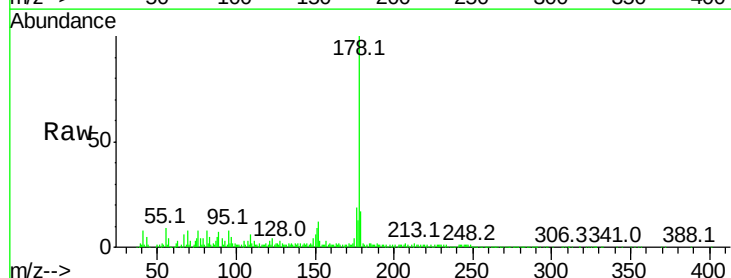
Tgt Ion:178 Resp: 620343

Ion Ratio Lower Upper

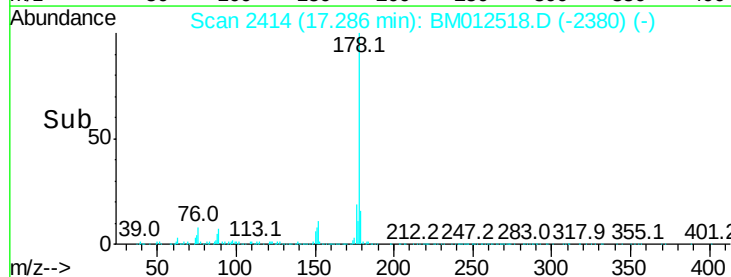
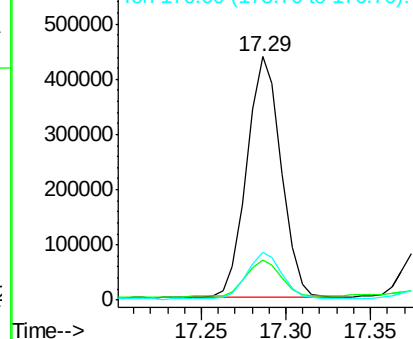
178 100

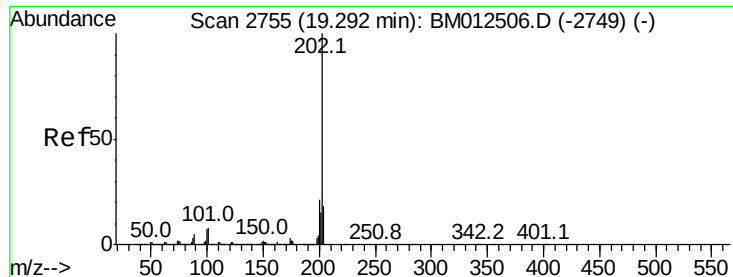
179 16.6 12.6 19.0

176 19.4 14.9 22.3



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





#74

Fluoranthene

Concen: 5.890 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

Instrument :

BNA_M

ClientSampleId :

B-8(1.5-2.5)_101017

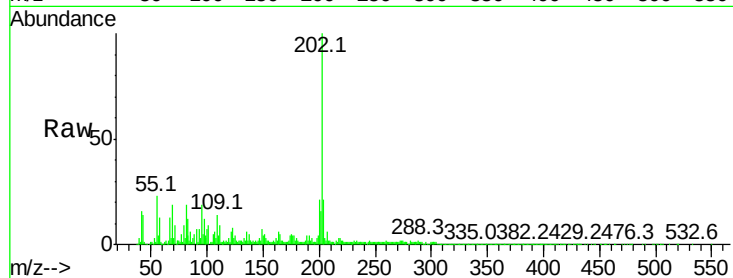
Tot Ion:202 Resp: 848808

Ion Ratio Lower Upper

202 100

101 8.7 4.6 7.0#

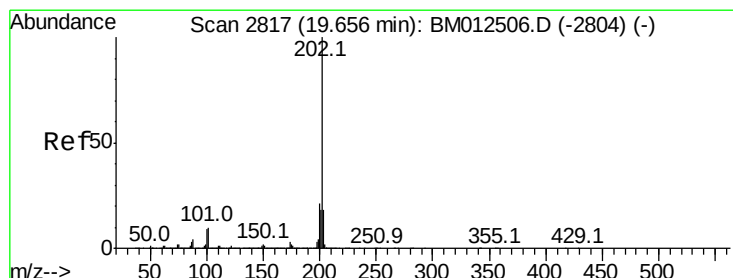
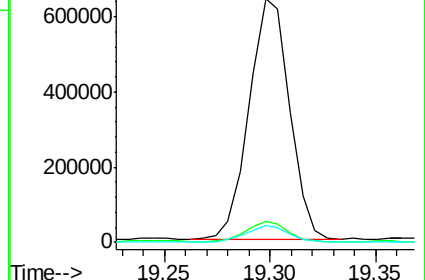
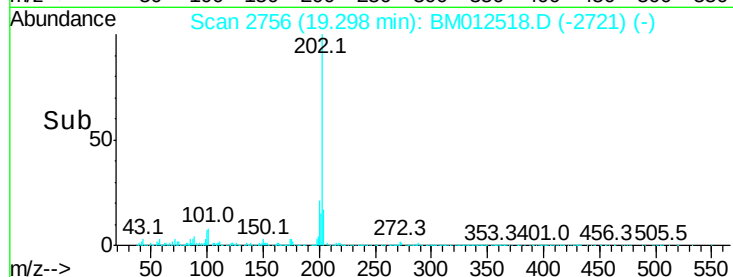
100 7.0 3.4 5.2#



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



#77

Pyrene

Concen: 5.011 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

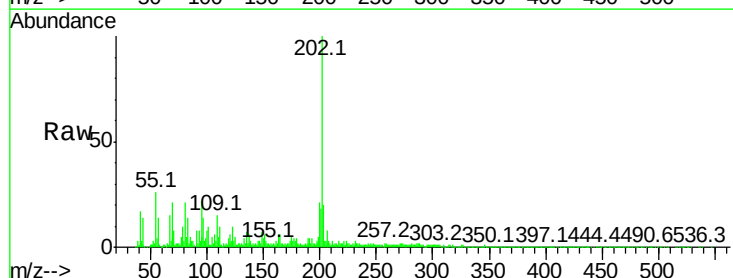
Tgt Ion:202 Resp: 799537

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

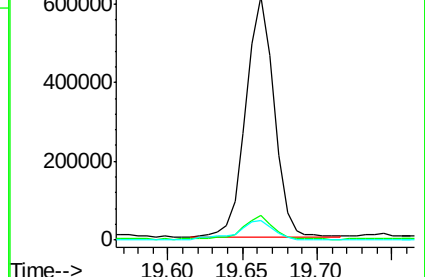
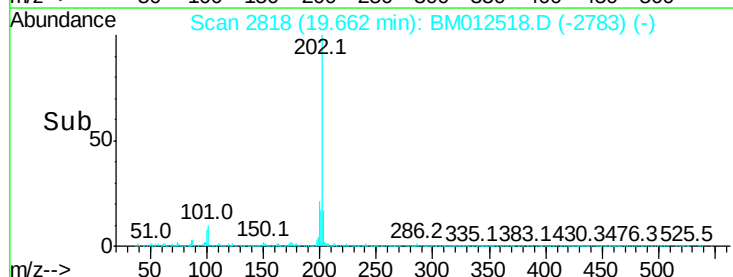
100 7.9 4.9 7.3#

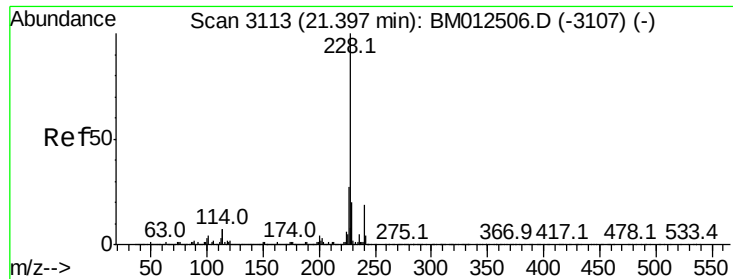


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.533 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

Instrument :

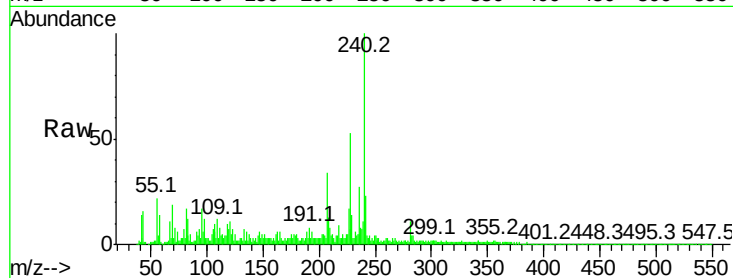
BNA_M

ClientSampleId :

B-8(1.5-2.5)_101017

Tot Ion:228 Resp: 425624

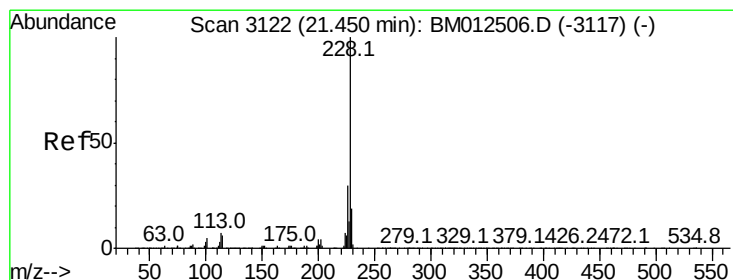
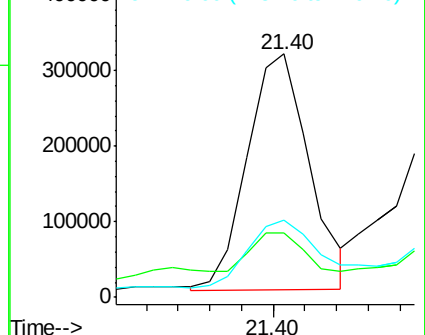
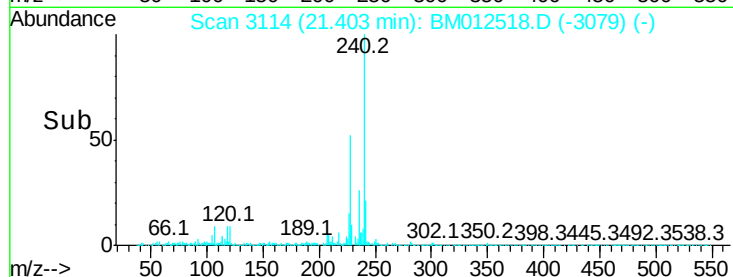
Ion	Ratio	Lower	Upper
228	100		
229	26.3	15.4	23.0#
226	31.7	21.4	32.0



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



#82

Chrysene

Concen: 2.805 ng/ul

RT: 21.45 min Scan# 3122

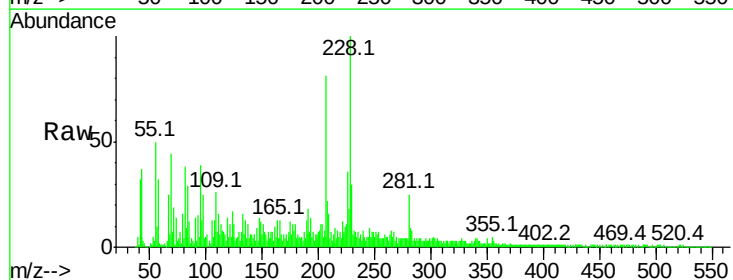
Delta R.T. 0.00 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

Tgt Ion:228 Resp: 419007

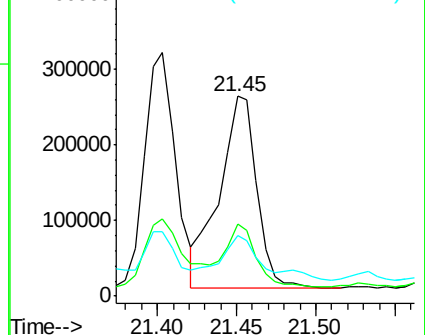
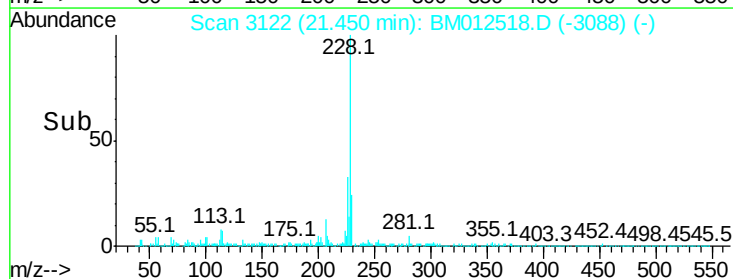
Ion	Ratio	Lower	Upper
228	100		
226	36.0	23.4	35.2#
229	30.4	15.5	23.3#

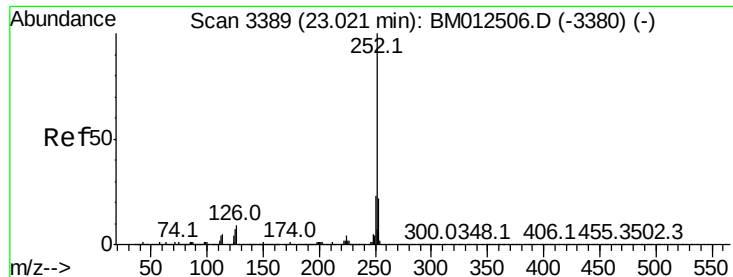


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 3.065 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

Instrument :

BNA_M

ClientSampleId :

B-8(1.5-2.5)_101017

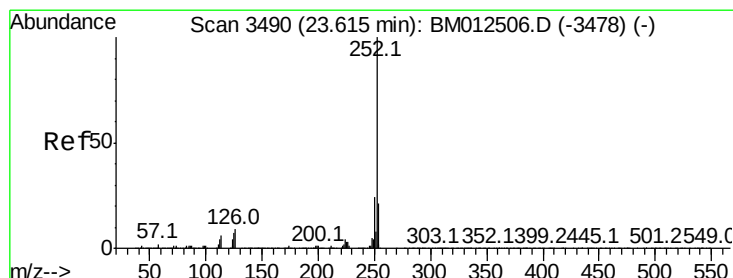
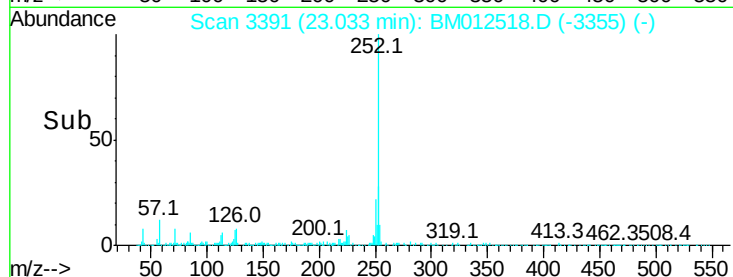
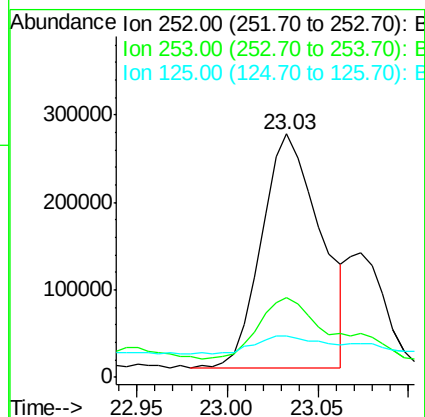
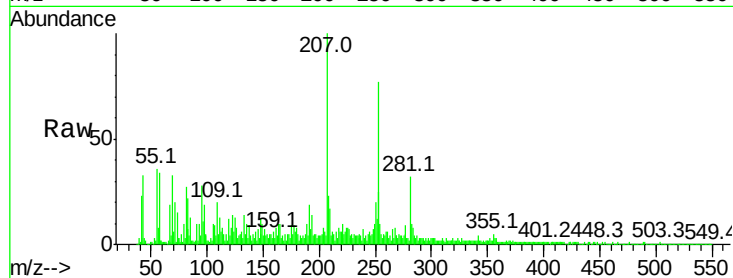
Tot Ion:252 Resp: 602587

Ion Ratio Lower Upper

252 100

253 33.0 17.9 26.9#

125 17.1 3.6 5.4#



#88

Benzo(a)pyrene

Concen: 2.069 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

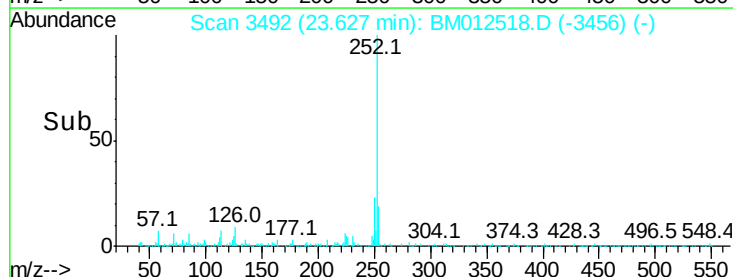
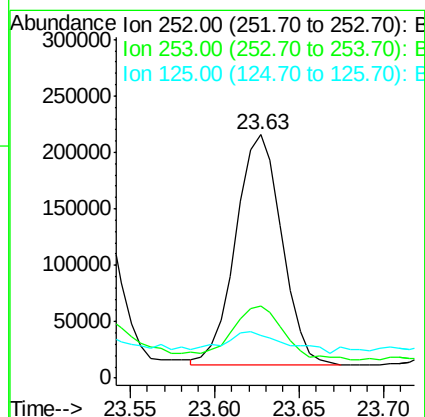
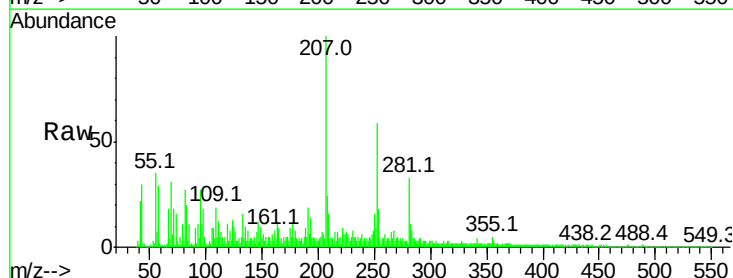
Tgt Ion:252 Resp: 387794

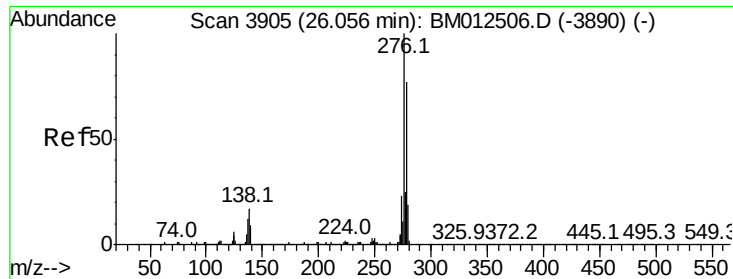
Ion Ratio Lower Upper

252 100

253 29.8 18.2 27.2#

125 17.5 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.789 ng/ul

RT: 26.07 min Scan# 3908

Delta R.T. 0.02 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

Instrument :

BNA_M

ClientSampleId :

B-8(1.5-2.5)_101017

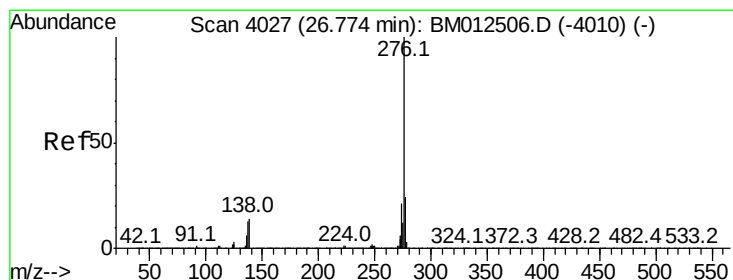
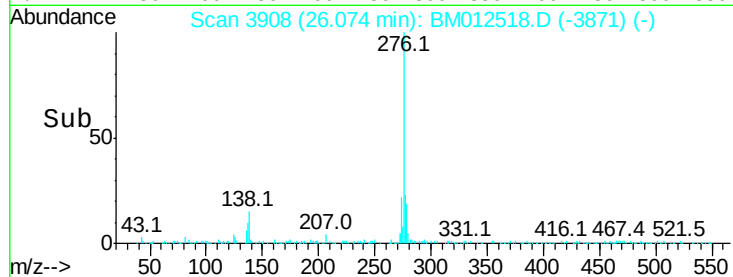
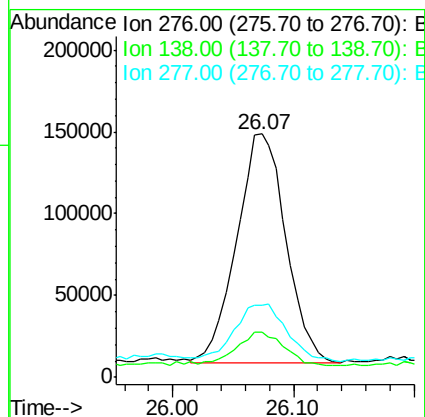
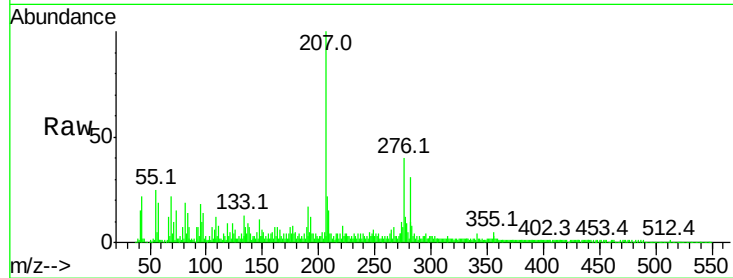
Tot Ion:276 Resp: 394775

Ion Ratio Lower Upper

276 100

138 18.4 9.3 13.9#

277 29.4 19.9 29.9



#91

Benzo(g,h,i)perylene

Concen: 1.889 ng/ul

RT: 26.80 min Scan# 4031

Delta R.T. 0.02 min

Lab File: BM012518.D

Acq: 28 Oct 2017 10:50

Tgt Ion:276 Resp: 337840

Ion Ratio Lower Upper

276 100

138 17.1 8.5 12.7#

277 29.7 18.6 28.0#

