

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
 Data File : BM002957.D
 Acq On : 21 Oct 2015 21:01
 Operator : UM/IZ
 Sample : G4075-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9H9

Quant Time: Oct 22 12:04:10 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 16:23:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	4795	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	22673	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	14078	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	2321421	0.40	ng/ul	0.08
18) Chrysene-d12	22.04	240	30551	0.40	ng/ul	0.00
22) Perylene-d12	0.00	264	0	0.00	ng/ul	-24.62

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.71	96	25264	4.93	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.05	152	11837	0.31	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	28883	0.00	ng/ul	0.00

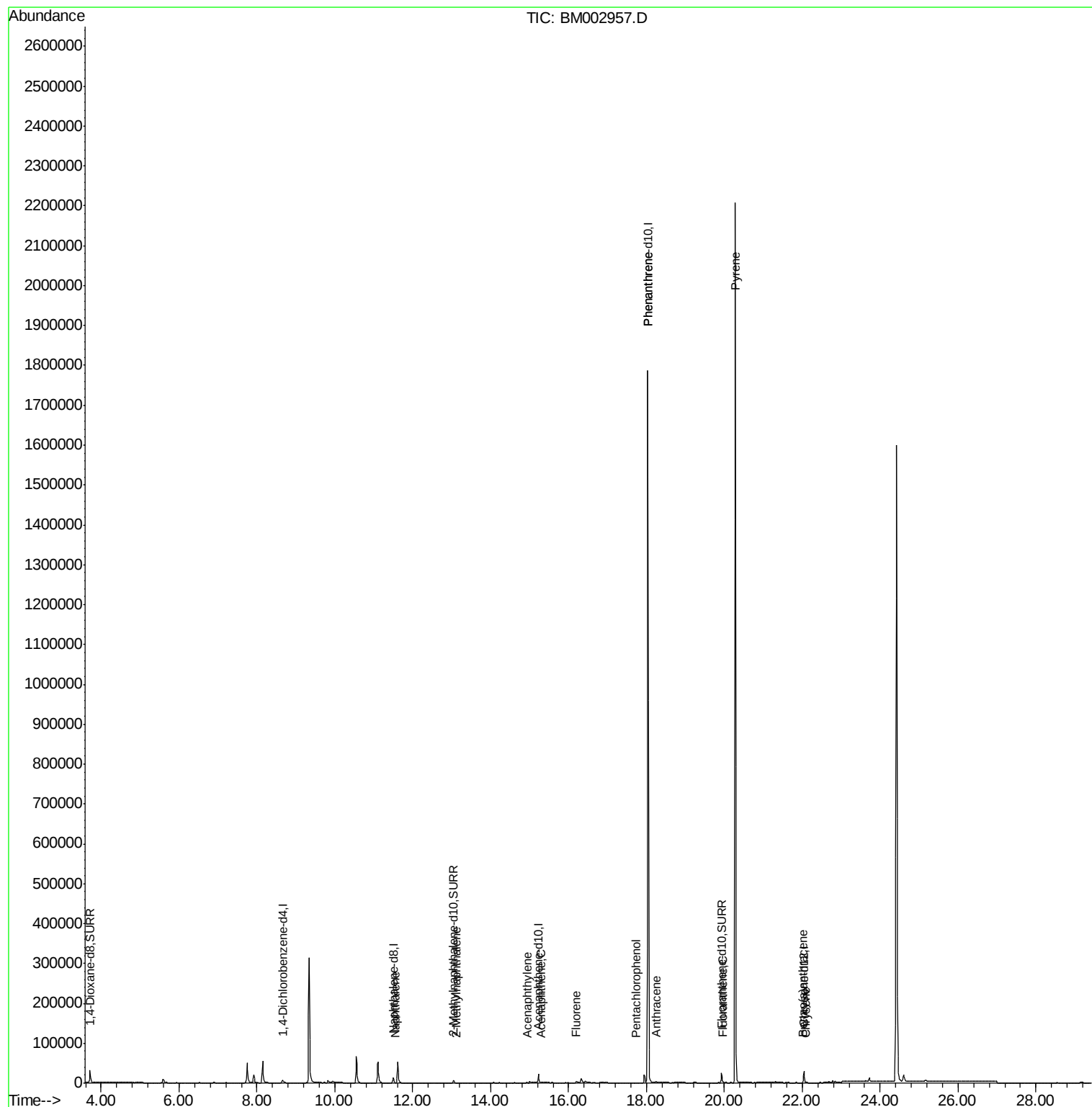
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	11.54	128	324	0.01	ng/ul#	14
7) 2-Methylnaphthalene	13.12	142	351	0.01	ng/ul#	27
9) Acenaphthylene	14.93	152	278	0.00	ng/ul#	1
10) Acenaphthene	15.30	153	104	0.00	ng/ul#	56
11) Fluorene	16.20	166	4104	0.07	ng/ul#	8
13) Pentachlorophenol	17.74	266	38	0.00	ng/ul#	26
14) Phenanthrene	18.03	178	1172	0.00	ng/ul#	1
15) Anthracene	18.25	178	58	0.00	ng/ul#	1
17) Fluoranthene	19.96	202	3017	0.00	ng/ul	80
19) Pyrene	20.28	202	6541	0.06	ng/ul#	1
20) Benzo(a)anthracene	22.02	228	1278	0.01	ng/ul#	72
21) Chrysene	22.08	228	1811	0.02	ng/ul#	80

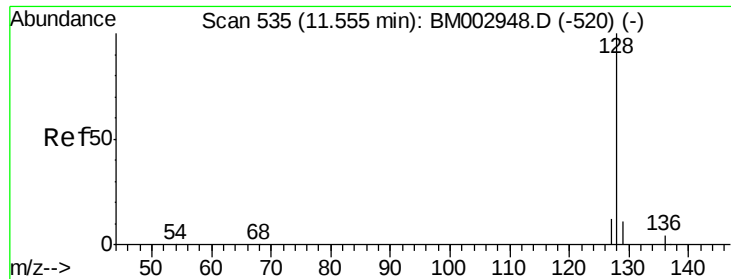
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. -0.01 min

Lab File: BM002957.D

Acq: 21 Oct 2015 21:01

Instrument :

BNA_M

ClientSampleId :

JG9H9

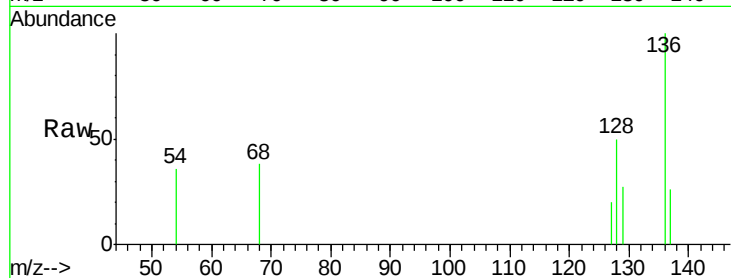
Tgt Ion:128 Resp: 324

Ion Ratio Lower Upper

128 100

129 54.0 9.8 14.8#

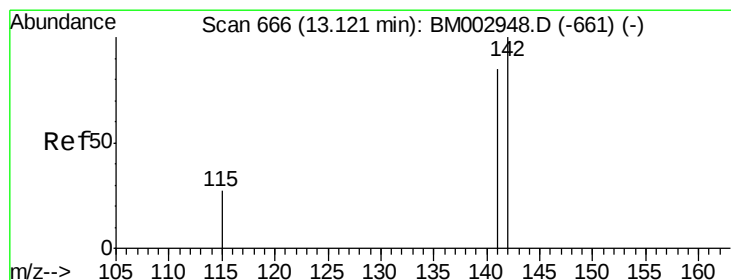
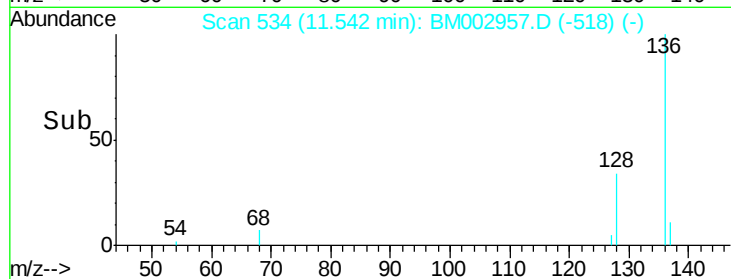
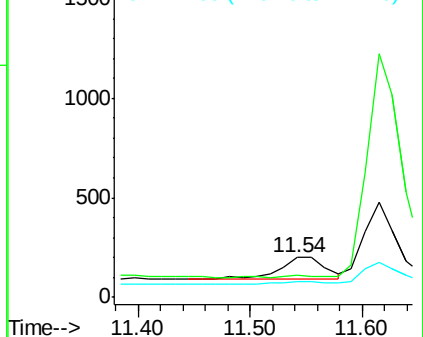
127 40.5 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 13.12 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM002957.D

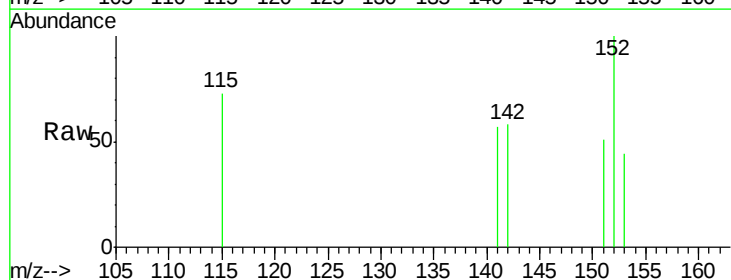
Acq: 21 Oct 2015 21:01

Tgt Ion:142 Resp: 351

Ion Ratio Lower Upper

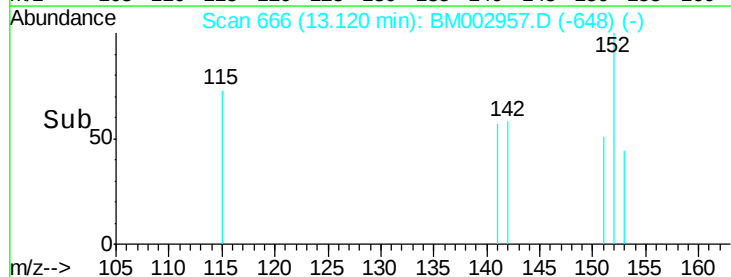
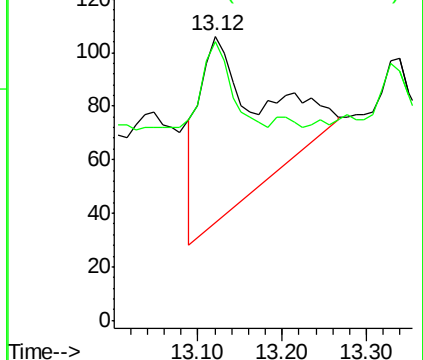
142 100

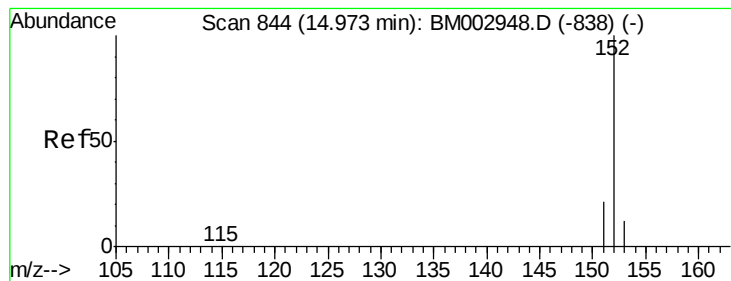
141 19.9 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.93 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM002957.D

Acq: 21 Oct 2015 21:01

Instrument :

BNA_M

ClientSampleId :

JG9H9

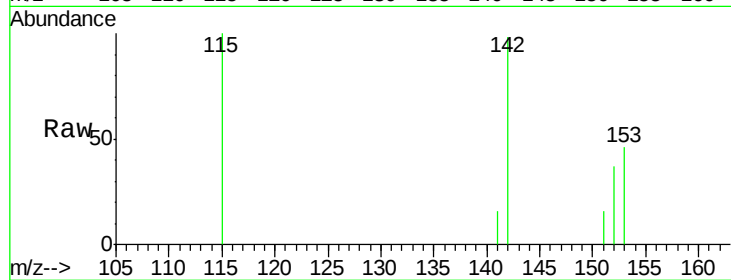
Tgt Ion:152 Resp: 278

Ion Ratio Lower Upper

152 100

151 43.2 16.8 25.2#

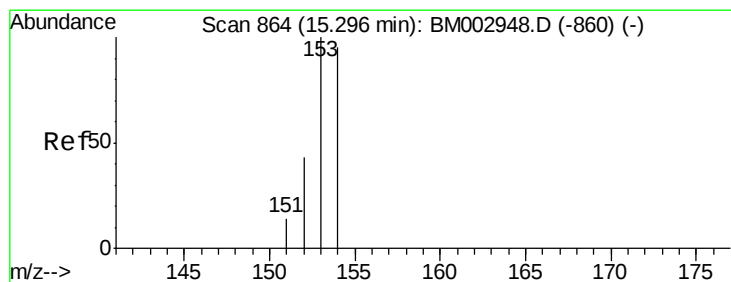
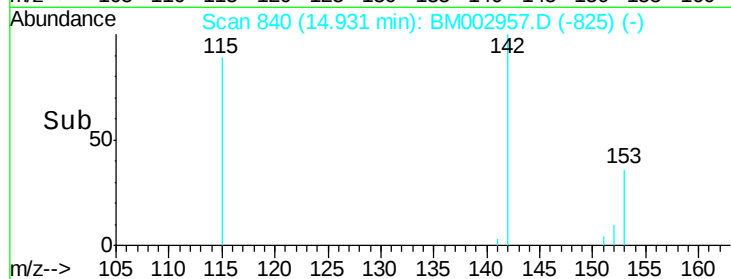
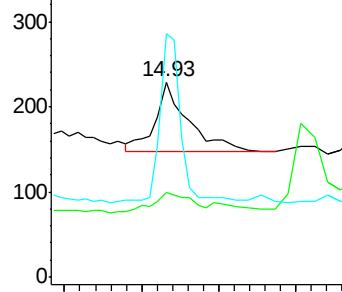
153 124.9 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.30 min Scan# 864

Delta R.T. -0.00 min

Lab File: BM002957.D

Acq: 21 Oct 2015 21:01

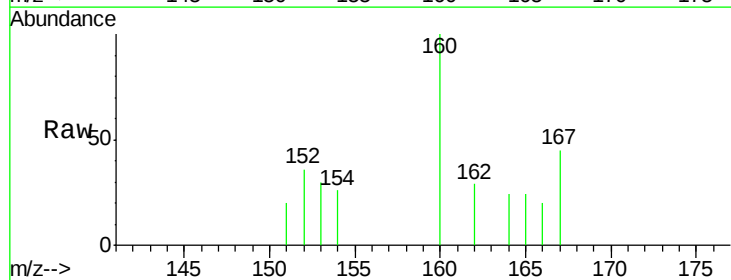
Tgt Ion:153 Resp: 104

Ion Ratio Lower Upper

153 100

152 122.1 42.3 63.5#

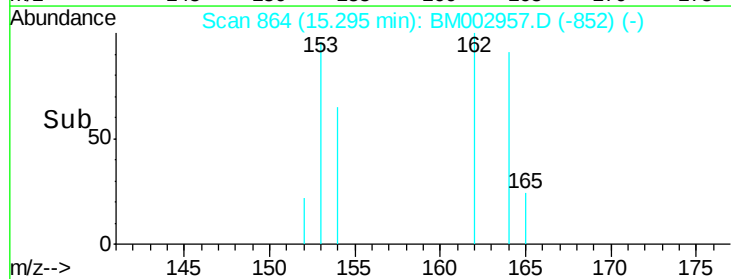
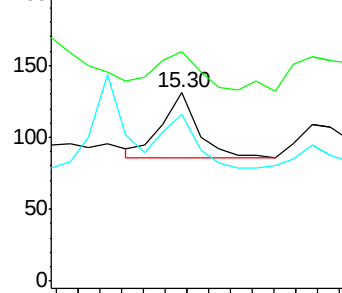
154 88.5 64.7 97.1

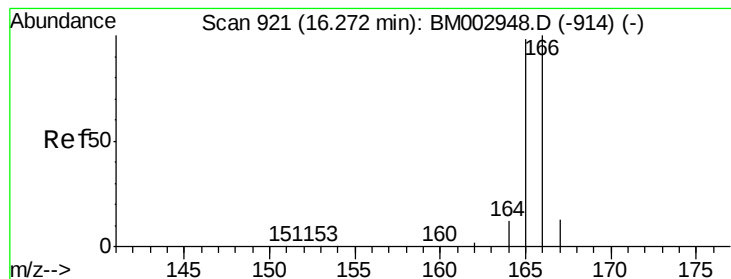


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.07 ng/ul

RT: 16.20 min Scan# 917

Delta R.T. -0.07 min

Lab File: BM002957.D

Acq: 21 Oct 2015 21:01

Instrument :

BNA_M

ClientSampleId :

JG9H9

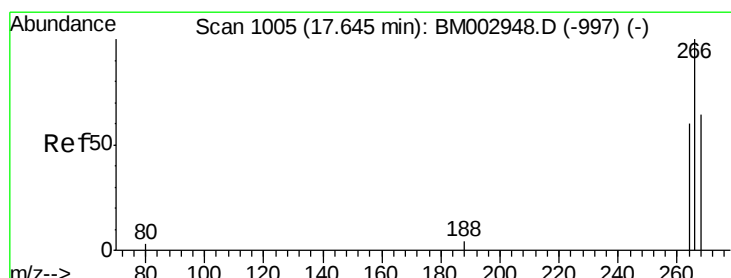
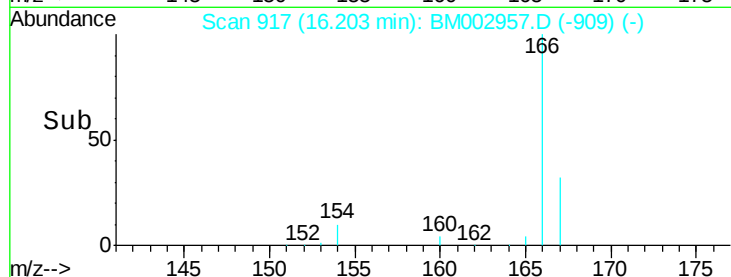
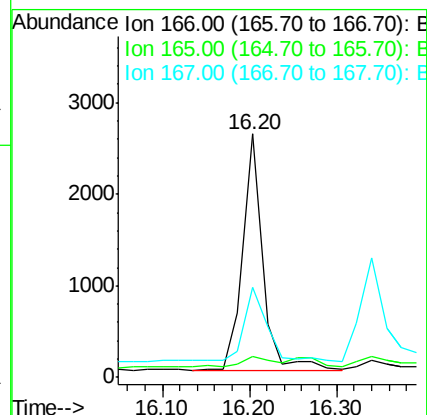
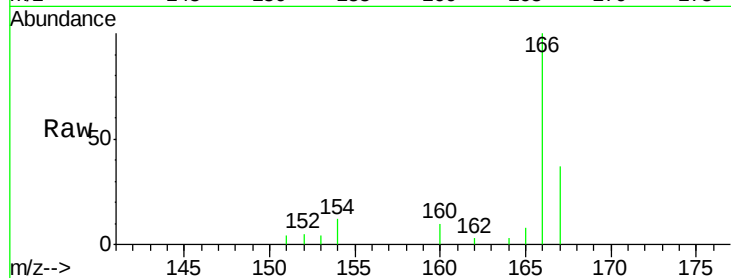
Tgt Ion:166 Resp: 4104

Ion Ratio Lower Upper

166 100

165 8.5 87.6 131.4#

167 37.1 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 17.74 min Scan# 1011

Delta R.T. 0.09 min

Lab File: BM002957.D

Acq: 21 Oct 2015 21:01

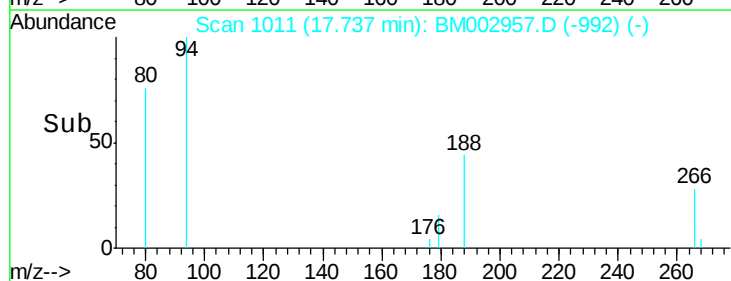
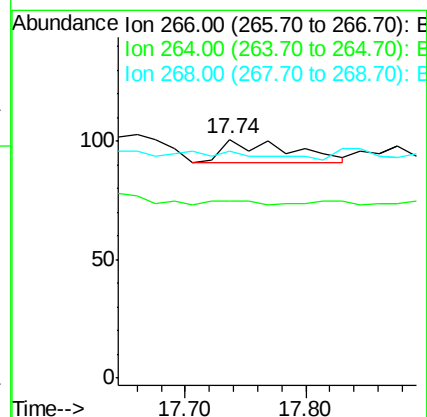
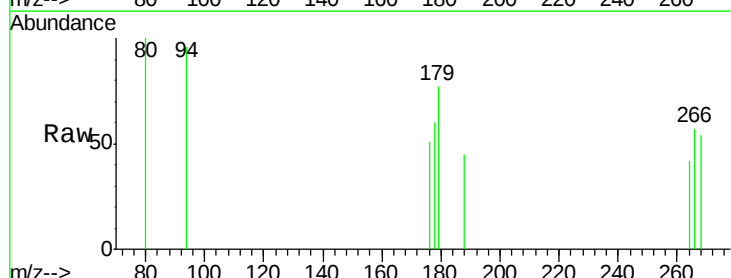
Tgt Ion:266 Resp: 38

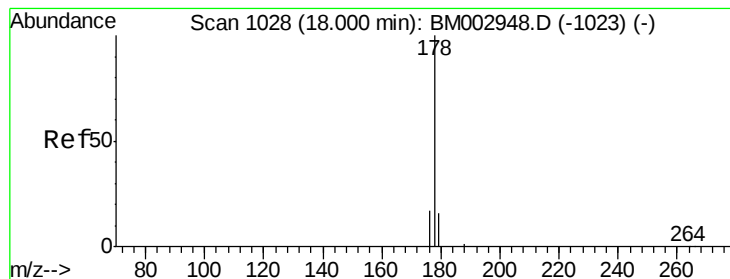
Ion Ratio Lower Upper

266 100

264 15.8 53.5 80.3#

268 0.0 54.2 81.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 18.03 min Scan# 1030

Delta R.T. 0.03 min

Lab File: BM002957.D

Acq: 21 Oct 2015 21:01

Instrument :

BNA_M

ClientSampleId :

JG9H9

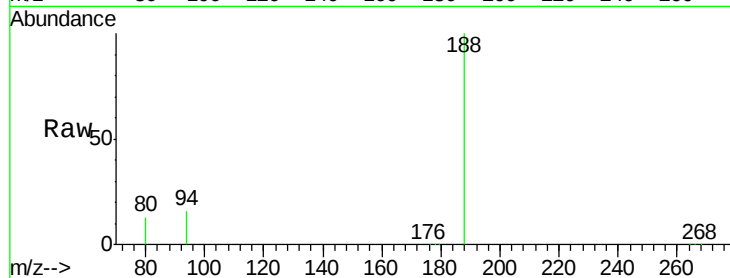
Tgt Ion:178 Resp: 1172

Ion Ratio Lower Upper

178 100

176 17.0 16.2 24.4

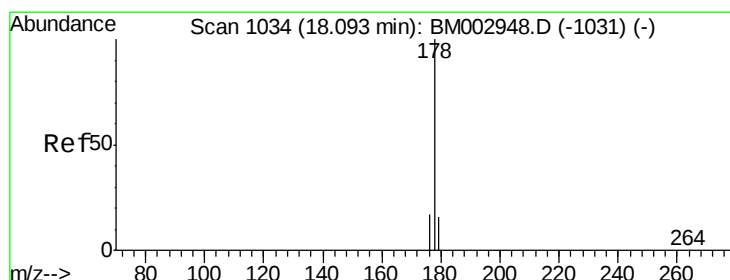
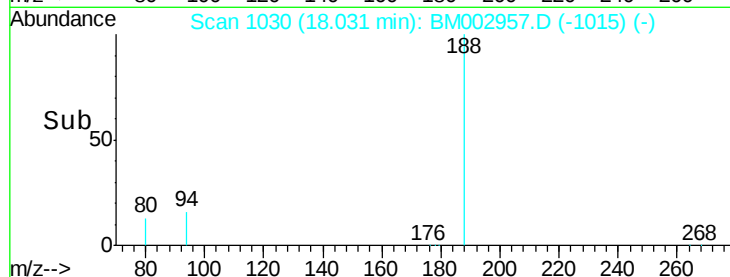
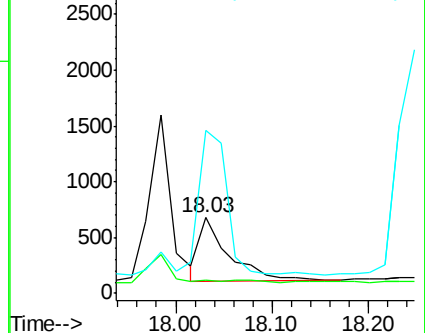
179 216.1 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 0.00 ng/ul

RT: 18.25 min Scan# 1044

Delta R.T. 0.15 min

Lab File: BM002957.D

Acq: 21 Oct 2015 21:01

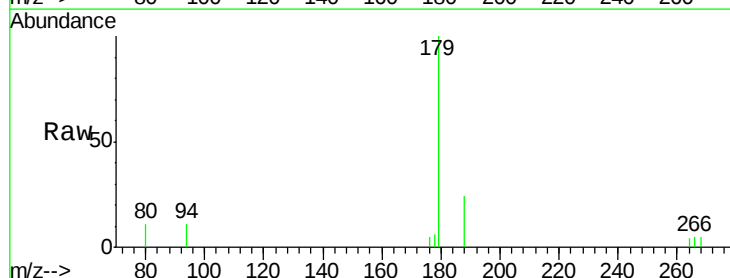
Tgt Ion:178 Resp: 58

Ion Ratio Lower Upper

178 100

176 75.0 15.8 23.8#

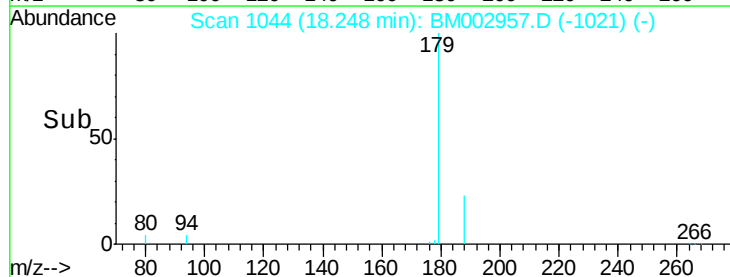
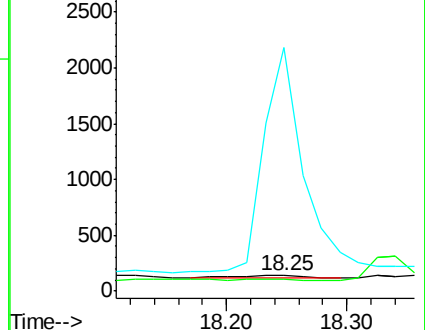
179 1558.6 13.3 19.9#

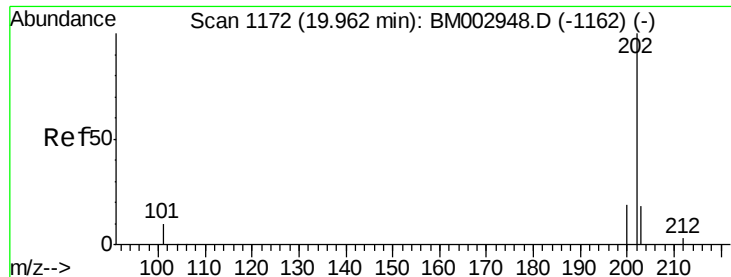


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

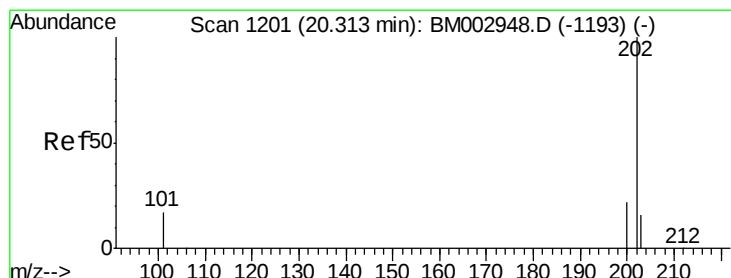
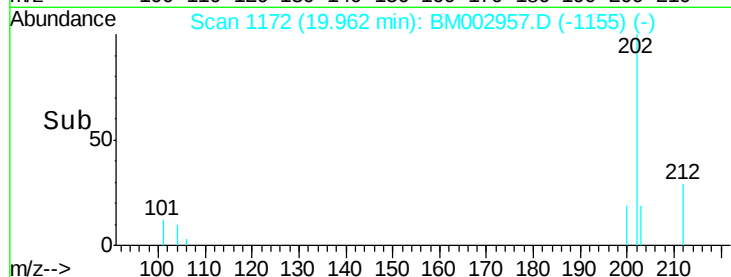
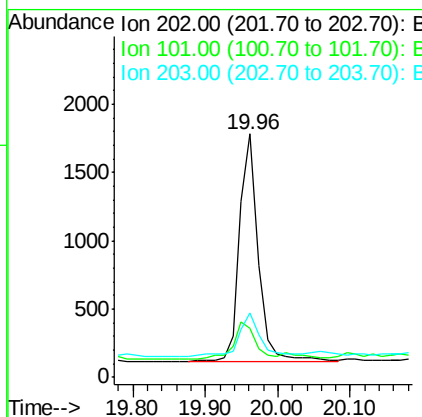
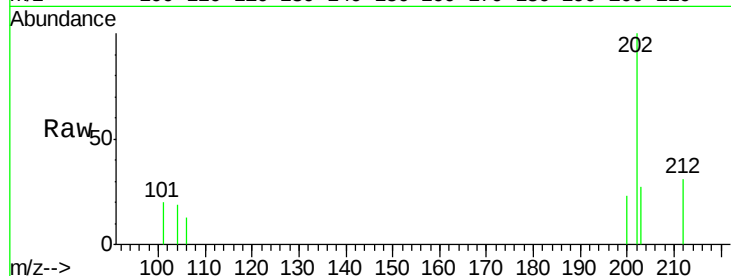




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.96 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BM002957.D
 Acq: 21 Oct 2015 21:01

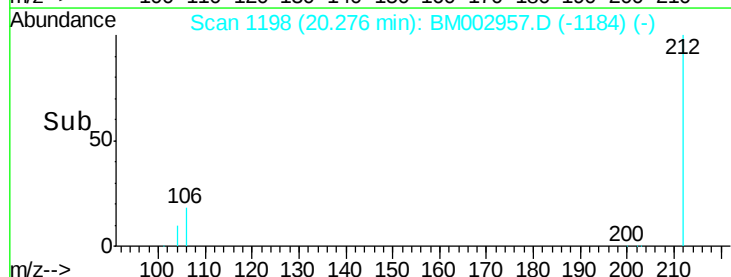
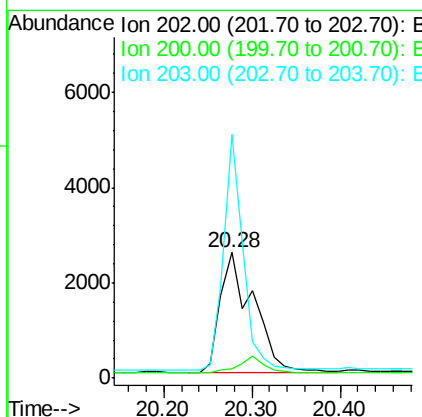
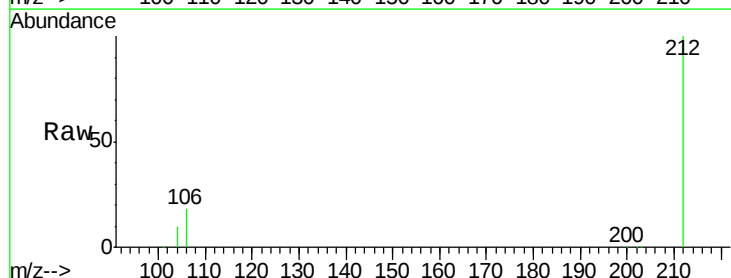
Instrument :
 BNA_M
 ClientSampleId :
 JG9H9

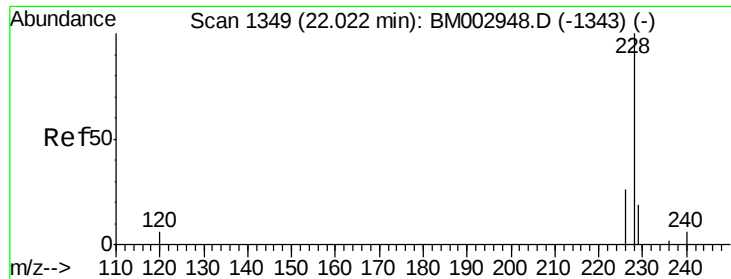
Tgt Ion:202 Resp: 3017
 Ion Ratio Lower Upper
 202 100
 101 19.9 0.0 33.1
 203 26.7 0.0 37.2



#19
Pyrene
 Concen: 0.06 ng/ul
 RT: 20.28 min Scan# 1198
 Delta R.T. -0.04 min
 Lab File: BM002957.D
 Acq: 21 Oct 2015 21:01

Tgt Ion:202 Resp: 6541
 Ion Ratio Lower Upper
 202 100
 200 7.2 18.0 27.0#
 203 193.9 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 22.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM002957.D

Acq: 21 Oct 2015 21:01

Instrument :

BNA_M

ClientSampleId :

JG9H9

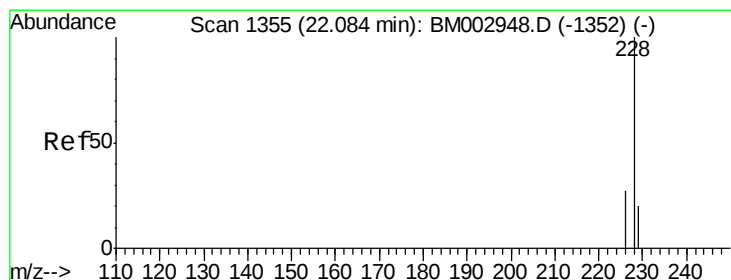
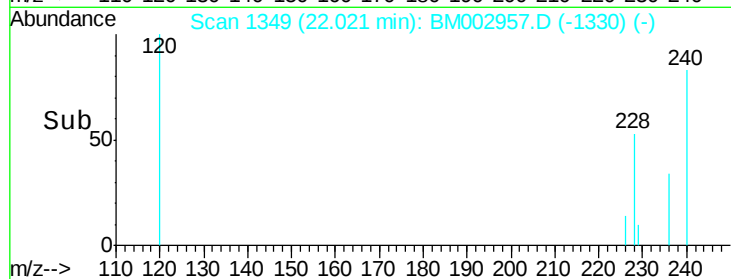
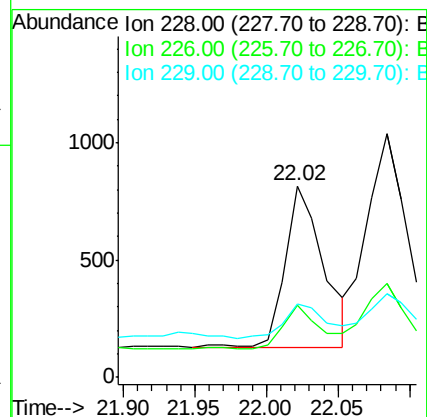
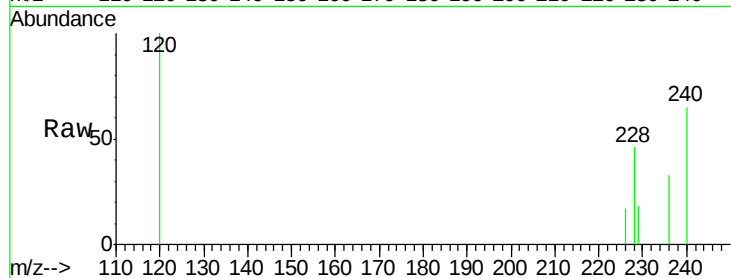
Tgt Ion:228 Resp: 1278

Ion Ratio Lower Upper

228 100

226 37.9 23.0 34.4#

229 38.4 15.2 22.8#



#21

Chrysene

Concen: 0.02 ng/ul

RT: 22.08 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BM002957.D

Acq: 21 Oct 2015 21:01

Tgt Ion:228 Resp: 1811

Ion Ratio Lower Upper

228 100

226 38.6 25.7 38.5#

229 34.1 15.2 22.8#

