

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
 Data File : BM002965.D
 Acq On : 22 Oct 2015 01:49
 Operator : UM/IZ
 Sample : G4075-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9L1

Quant Time: Oct 22 12:05:30 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	8.64	152	7637	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.49	136	33502	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	18282	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	1894364	0.40	ng/ul	0.08
18) Chrysene-d12	22.03	240	28484	0.40	ng/ul	-0.01
22) Perylene-d12	24.60	264	23752	0.40	ng/ul	-0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.71	96	23927	2.93	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	11490	0.20	ng/ul	-0.01
16) Fluoranthene-d10	19.93	212	22858	0.00	ng/ul	0.00

Target Compounds

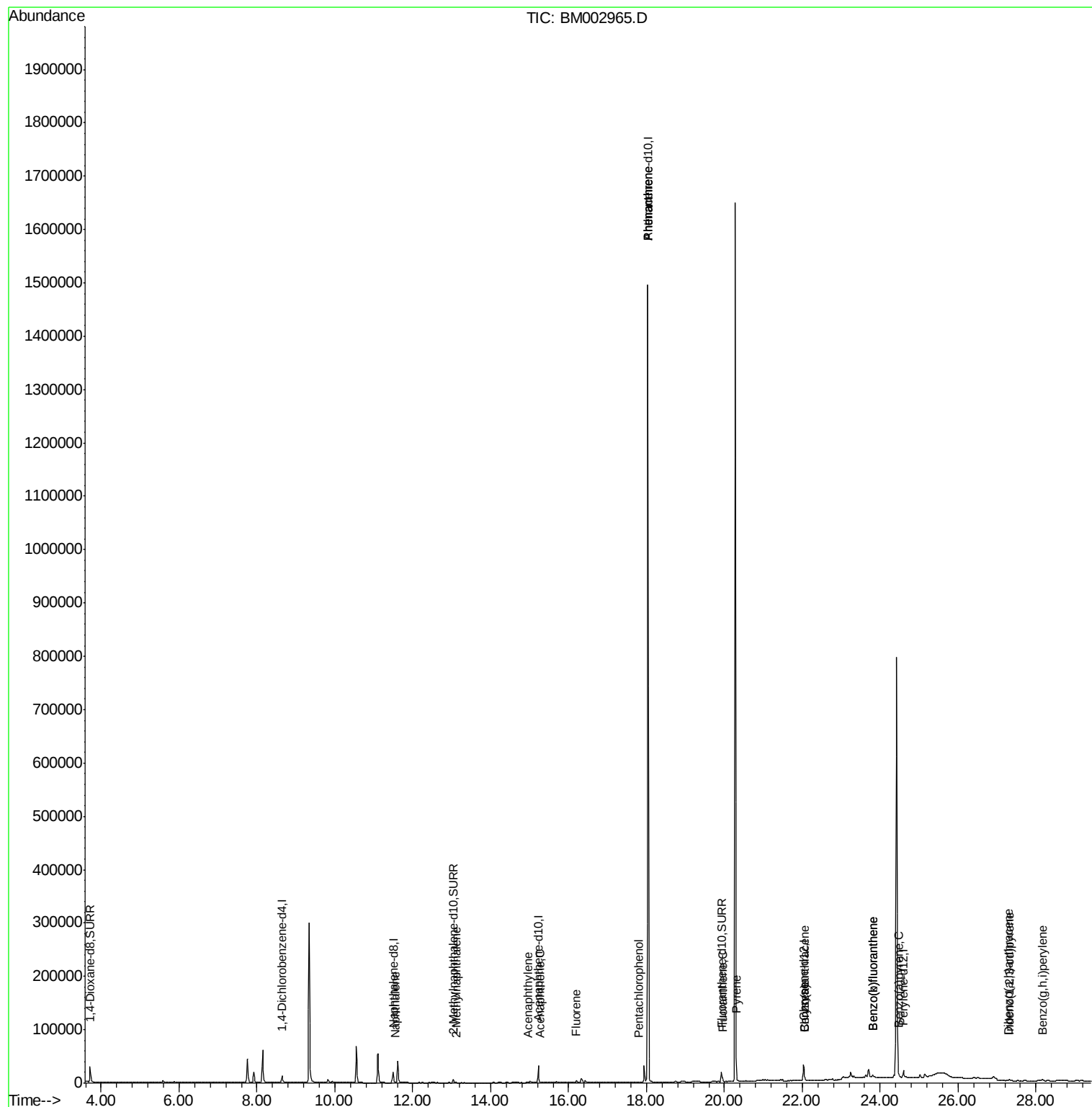
						Qvalue
5) Naphthalene	11.54	128	1034	0.01	ng/ul#	66
7) 2-Methylnaphthalene	13.11	142	1448	0.02	ng/ul#	12
9) Acenaphthylene	14.96	152	531	0.01	ng/ul#	36
10) Acenaphthene	15.28	153	212	0.00	ng/ul#	41
11) Fluorene	16.20	166	3535	0.04	ng/ul#	12
13) Pentachlorophenol	17.80	266	29	0.00	ng/ul#	16
14) Phenanthrene	18.03	178	1329	0.00	ng/ul#	1
15) Anthracene	18.03	178	1271	0.00	ng/ul#	1
17) Fluoranthene	19.95	202	8332	0.00	ng/ul	83
19) Pyrene	20.30	202	11331	0.11	ng/ul#	86
20) Benzo(a)anthracene	22.07	228	13251	0.14	ng/ul#	72
21) Chrysene	22.07	228	12936	0.13	ng/ul#	77
23) Benzo(b)fluoranthene	23.80	252	9989	0.12	ng/ul#	1
24) Benzo(k)fluoranthene	23.80	252	9989	0.12	ng/ul#	1
25) Benzo(a)pyrene	24.47	252	3980	0.05	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.32	276	3965	0.05	ng/ul#	59
27) Dibenzo(a,h)anthracene	27.30	278	1180	0.02	ng/ul#	1
28) Benzo(g,h,i)perylene	28.16	276	6042	0.08	ng/ul#	26

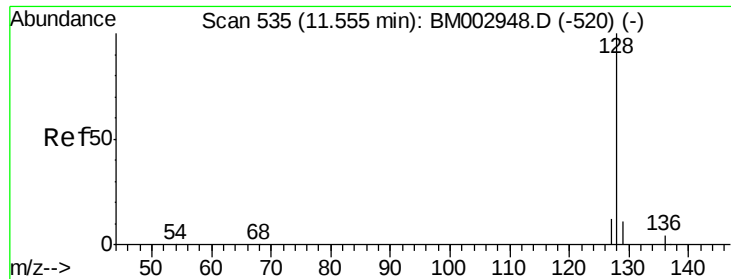
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM002965.D

Acq: 22 Oct 2015 01:49

Instrument :

BNA_M

ClientSampleId :

JG9L1

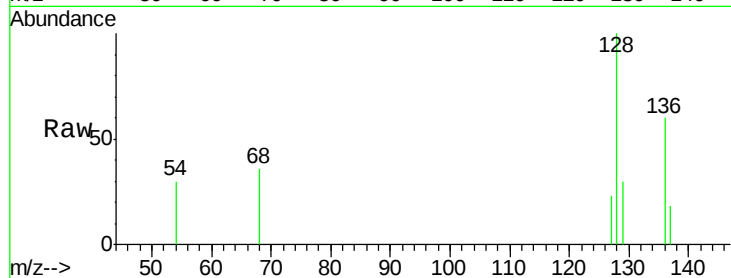
Tgt Ion:128 Resp: 1034

Ion Ratio Lower Upper

128 100

129 29.6 9.8 14.8#

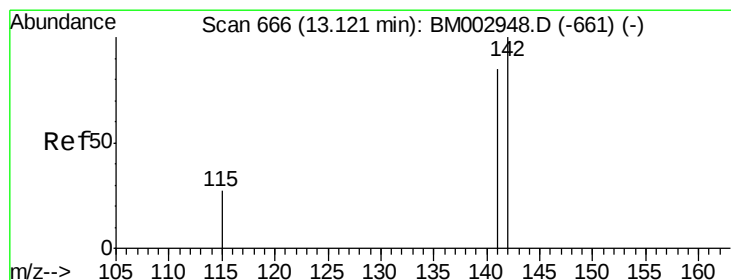
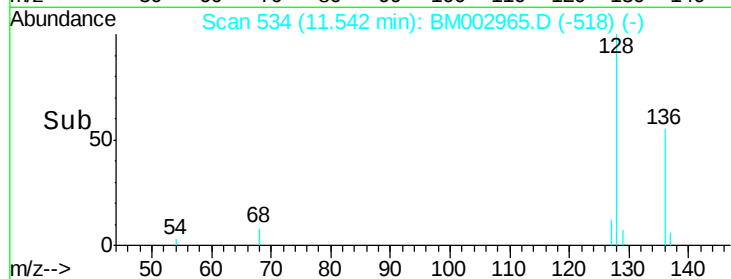
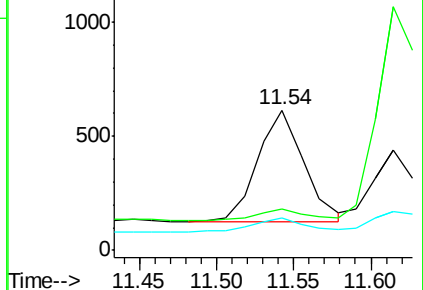
127 22.9 10.7 16.1#



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: 0.02 ng/ul

RT: 13.11 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM002965.D

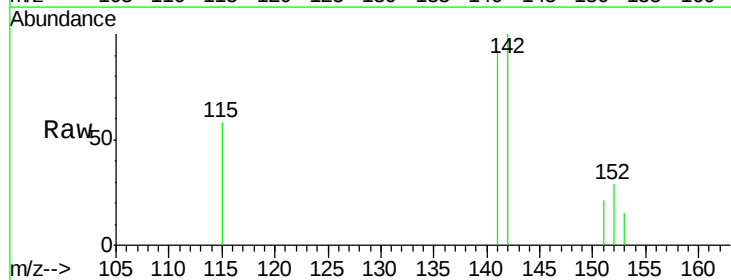
Acq: 22 Oct 2015 01:49

Tgt Ion:142 Resp: 1448

Ion Ratio Lower Upper

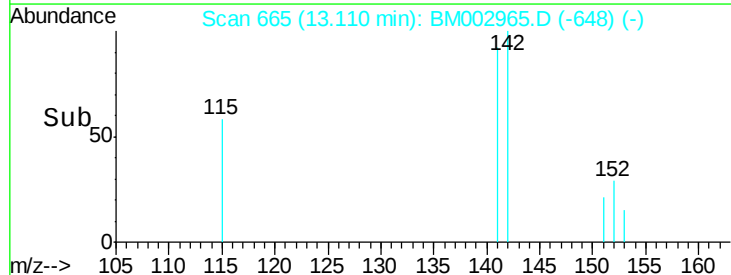
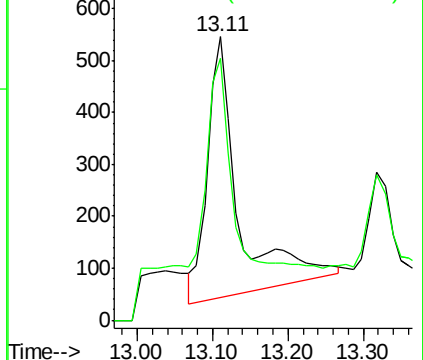
142 100

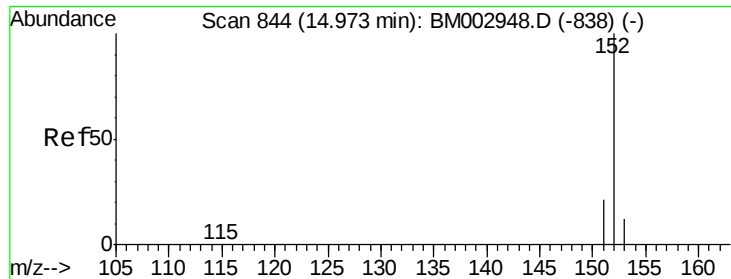
141 169.3 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. -0.01 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

Instrument :

BNA_M

ClientSampleId :

JG9L1

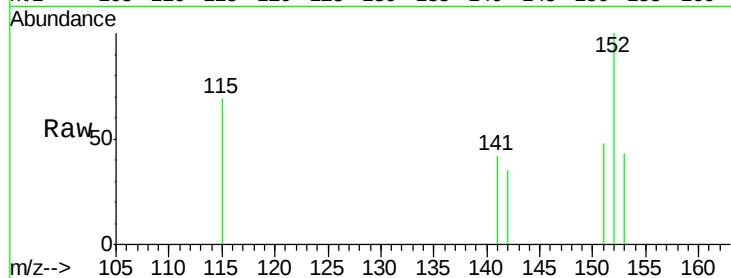
Tgt Ion:152 Resp: 531

Ion Ratio Lower Upper

152 100

151 48.2 16.8 25.2#

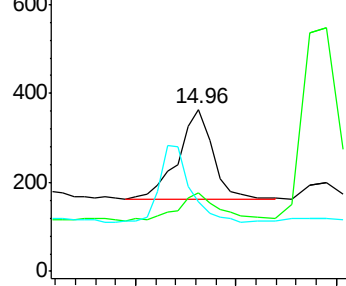
153 43.3 11.3 16.9#



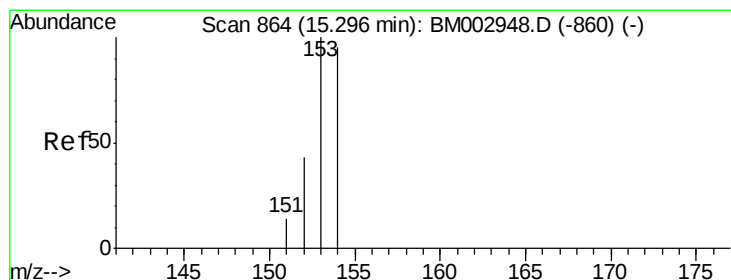
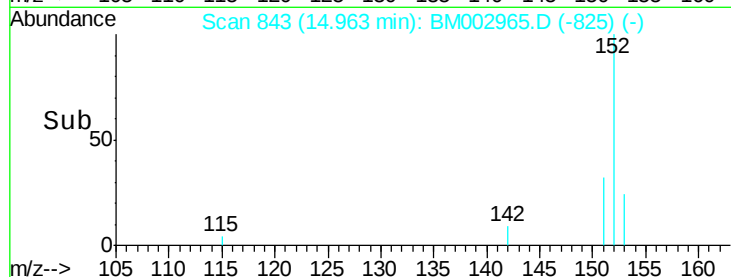
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.28 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

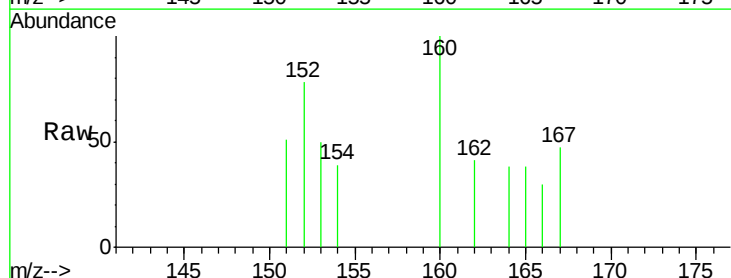
Tgt Ion:153 Resp: 212

Ion Ratio Lower Upper

153 100

152 155.8 42.3 63.5#

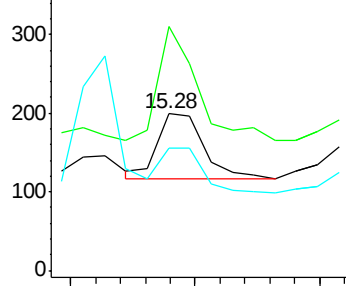
154 77.9 64.7 97.1



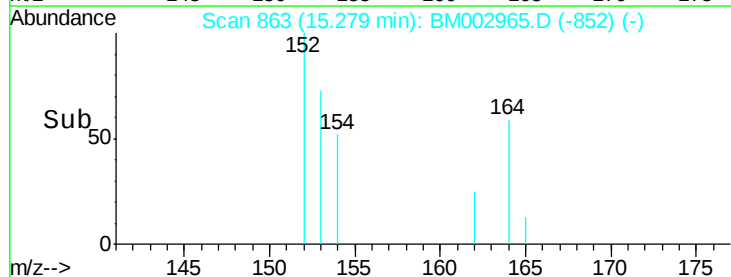
Abundance Ion 153.00 (152.70 to 153.70): E

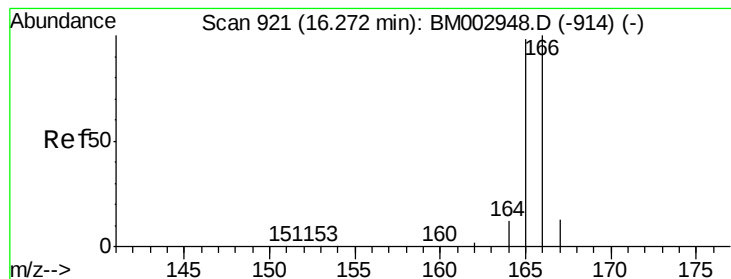
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#11

Fluorene

Concen: 0.04 ng/ul

RT: 16.20 min Scan# 917

Delta R.T. -0.07 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

Instrument :

BNA_M

ClientSampleId :

JG9L1

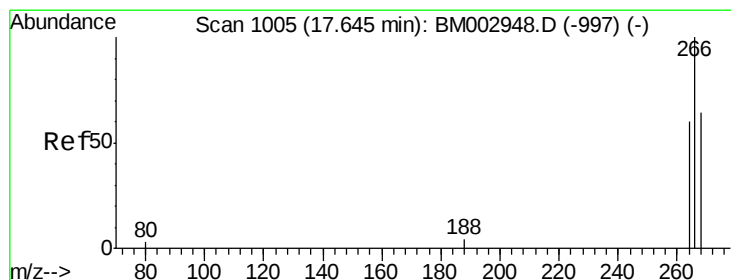
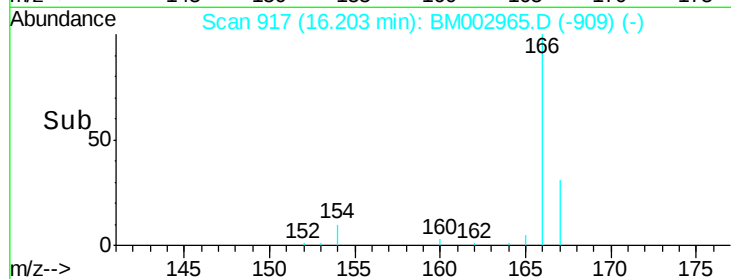
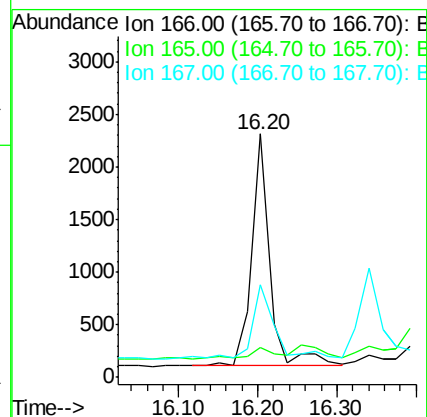
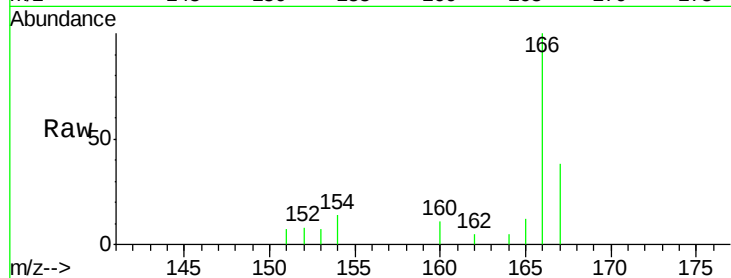
Tgt Ion:166 Resp: 3535

Ion Ratio Lower Upper

166 100

165 12.4 87.6 131.4#

167 37.8 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 17.80 min Scan# 1015

Delta R.T. 0.15 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

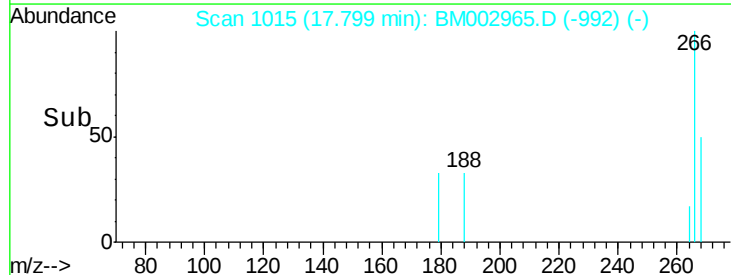
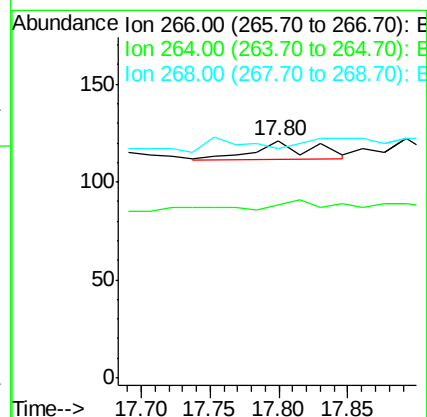
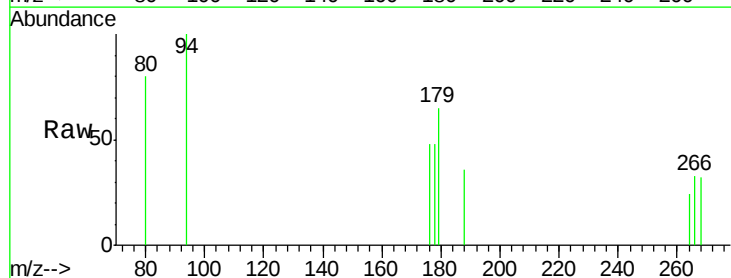
Tgt Ion:266 Resp: 29

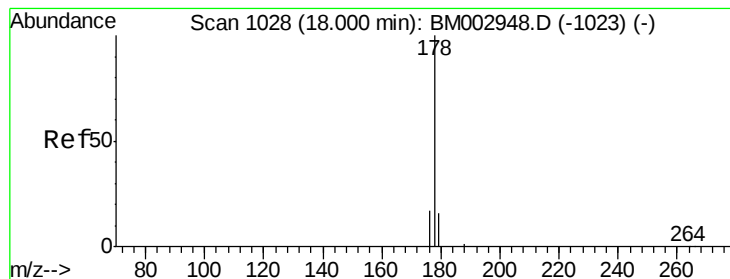
Ion Ratio Lower Upper

266 100

264 0.0 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: BM002965.D

Acq: 22 Oct 2015 01:49

Instrument :

BNA_M

ClientSampleId :

JG9L1

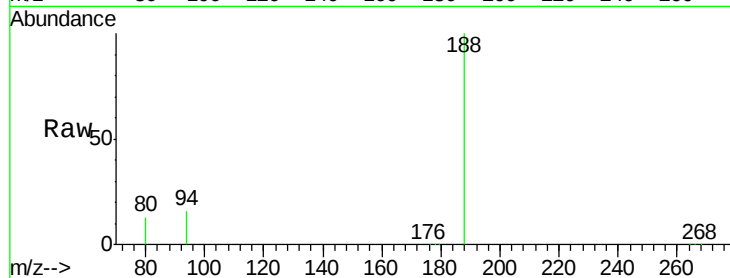
Tgt Ion:178 Resp: 1329

Ion Ratio Lower Upper

178 100

176 26.6 16.2 24.4#

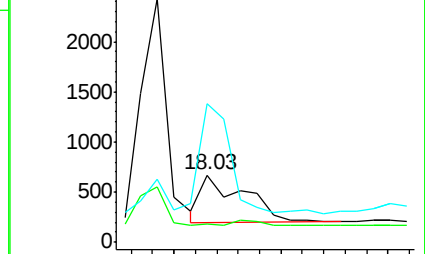
179 205.5 12.8 19.2#



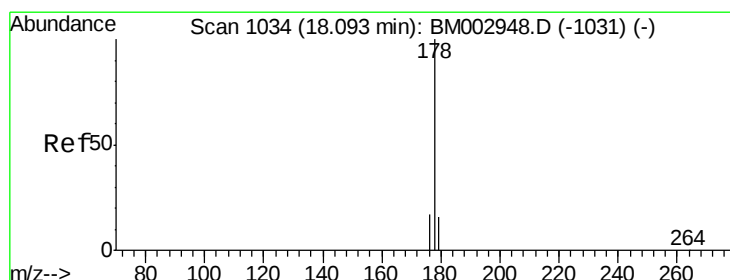
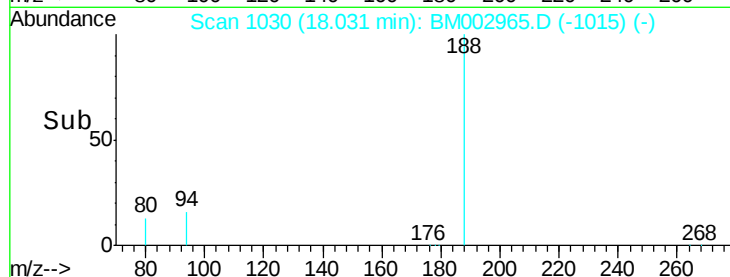
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#15

Anthracene

Concen: 0.00 ng/ul

RT: 18.03 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

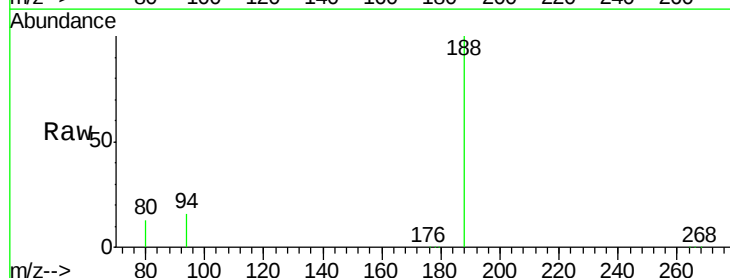
Tgt Ion:178 Resp: 1271

Ion Ratio Lower Upper

178 100

176 26.6 15.8 23.8#

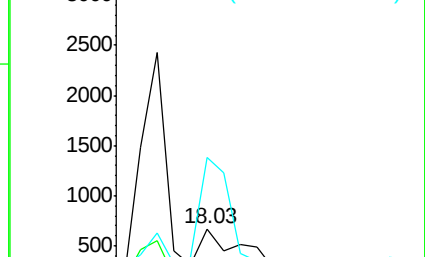
179 205.5 13.3 19.9#



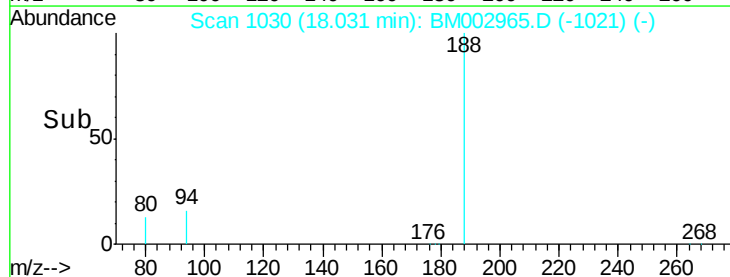
Abundance Ion 178.00 (177.70 to 178.70): E

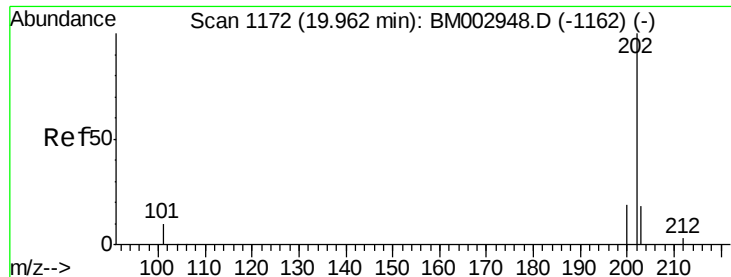
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

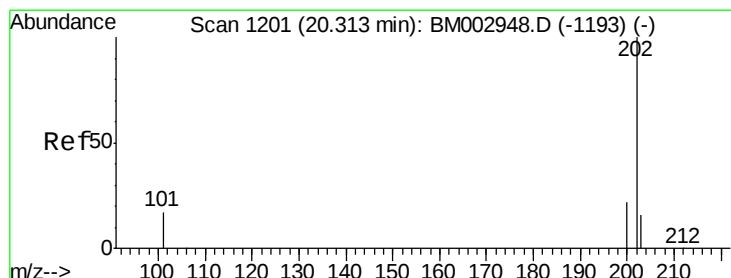
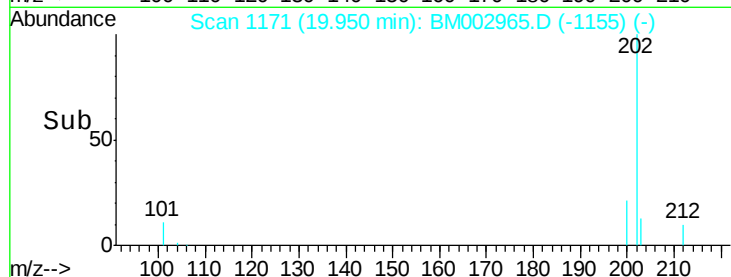
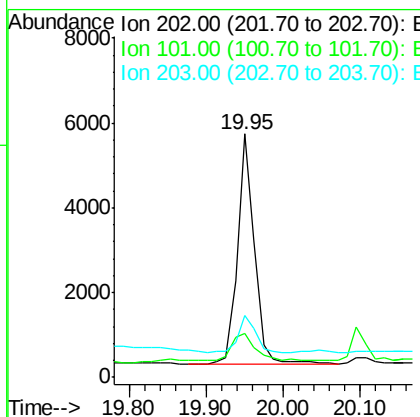
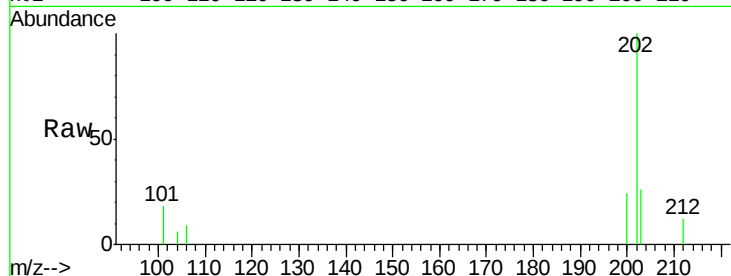




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.95 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM002965.D
 Acq: 22 Oct 2015 01:49

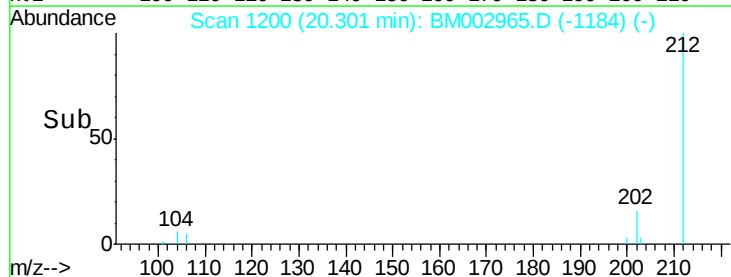
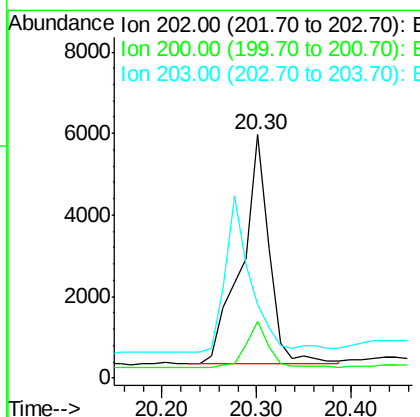
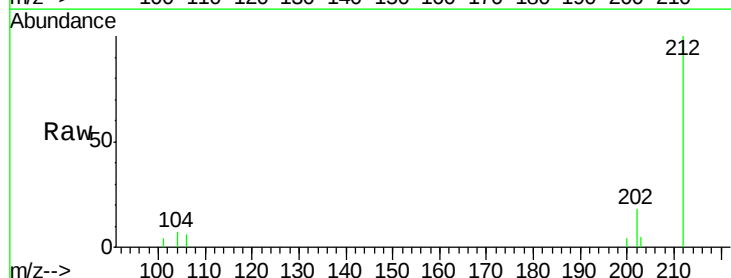
Instrument :
 BNA_M
 ClientSampleId :
 JG9L1

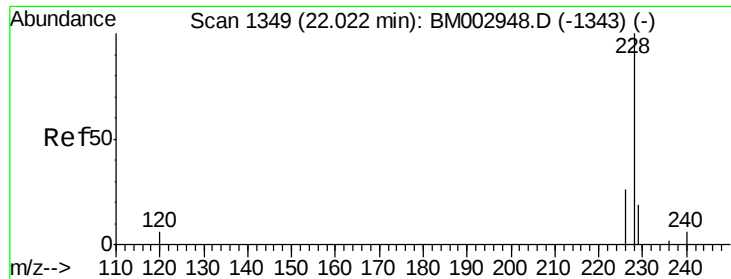
Tgt Ion:202 Resp: 8332
 Ion Ratio Lower Upper
 202 100
 101 18.3 0.0 33.1
 203 25.5 0.0 37.2



#19
Pyrene
 Concen: 0.11 ng/ul
 RT: 20.30 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM002965.D
 Acq: 22 Oct 2015 01:49

Tgt Ion:202 Resp: 11331
 Ion Ratio Lower Upper
 202 100
 200 23.4 18.0 27.0
 203 29.9 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.14 ng/ul

RT: 22.07 min Scan# 1354

Delta R.T. 0.05 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

Instrument :

BNA_M

ClientSampleId :

JG9L1

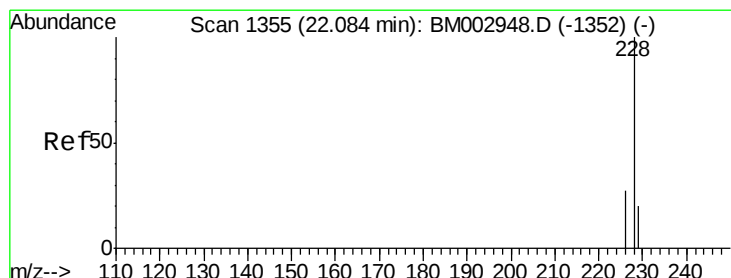
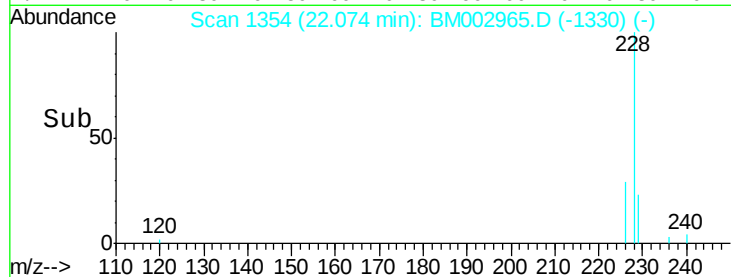
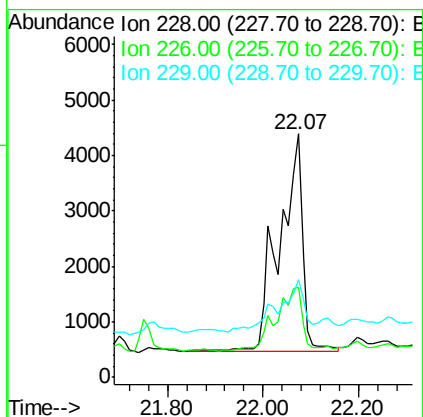
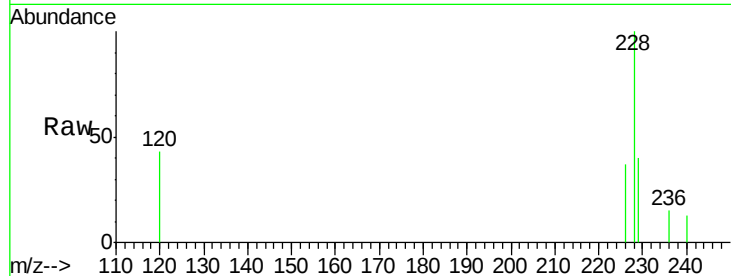
Tgt Ion:228 Resp: 13251

Ion Ratio Lower Upper

228 100

226 37.2 23.0 34.4#

229 40.0 15.2 22.8#



#21

Chrysene

Concen: 0.13 ng/ul

RT: 22.07 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

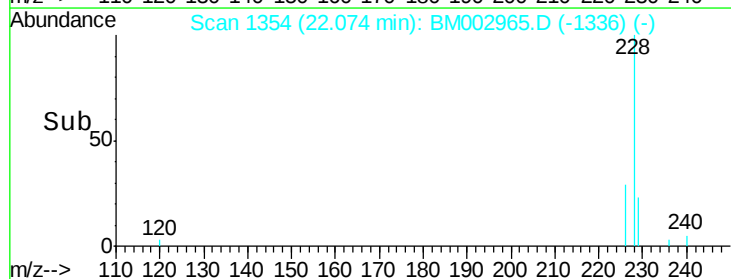
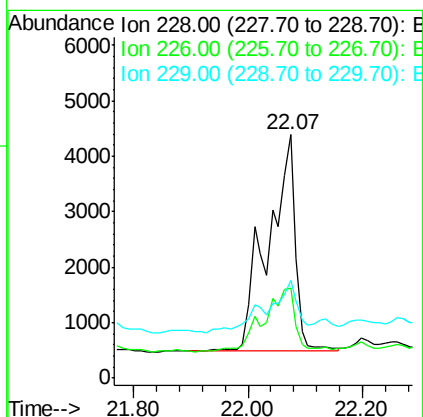
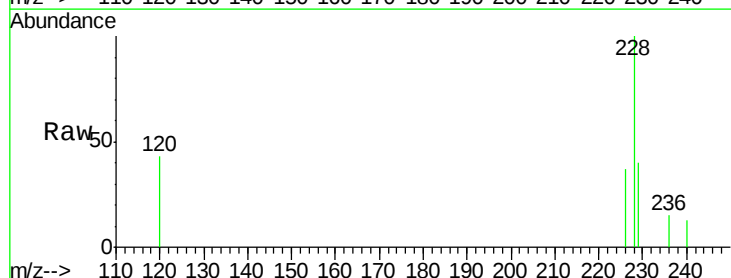
Tgt Ion:228 Resp: 12936

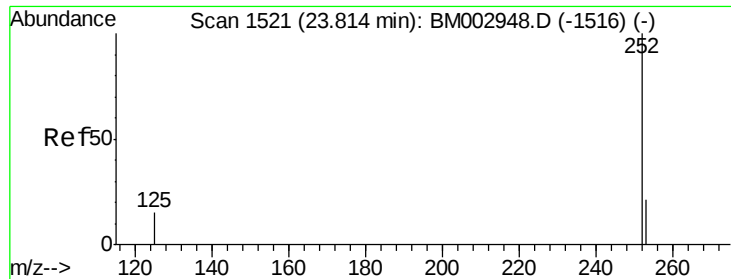
Ion Ratio Lower Upper

228 100

226 37.2 25.7 38.5

229 40.0 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.12 ng/ul

RT: 23.80 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

Instrument :

BNA_M

ClientSampleId :

JG9L1

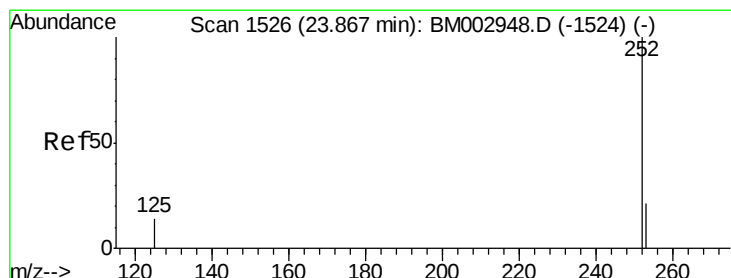
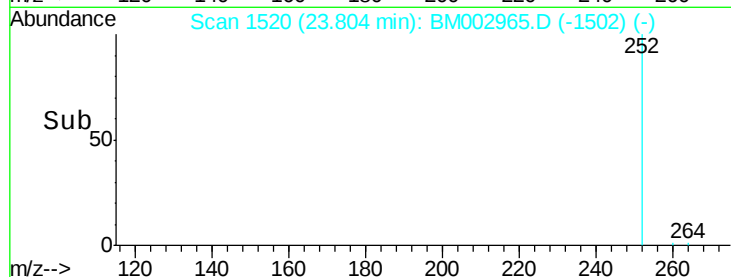
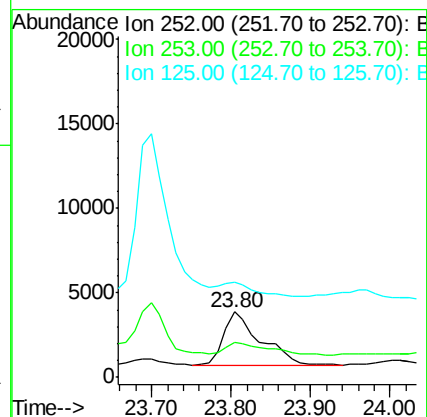
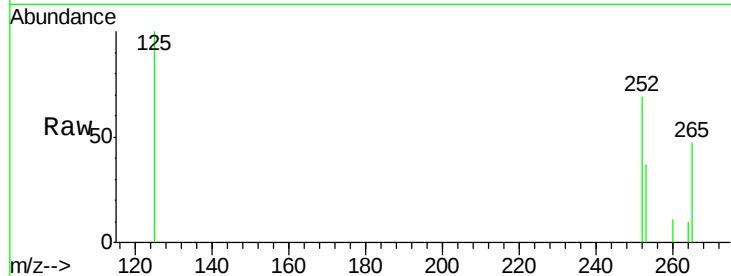
Tgt Ion:252 Resp: 9989

Ion Ratio Lower Upper

252 100

253 54.0 0.0 48.0#

125 145.0 0.0 36.6#



#24

Benzo(k)fluoranthene

Concen: 0.12 ng/ul

RT: 23.80 min Scan# 1520

Delta R.T. -0.06 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

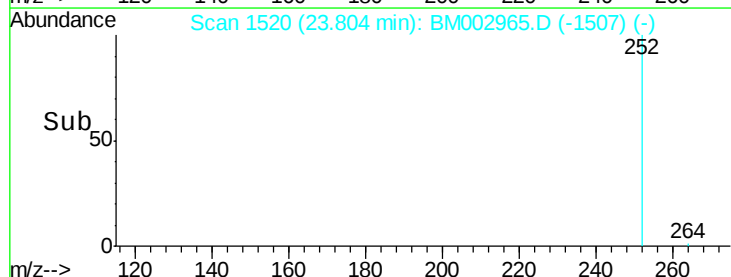
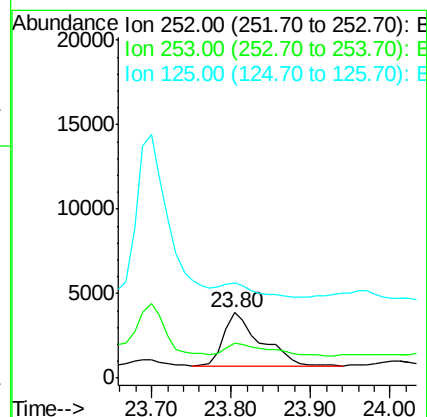
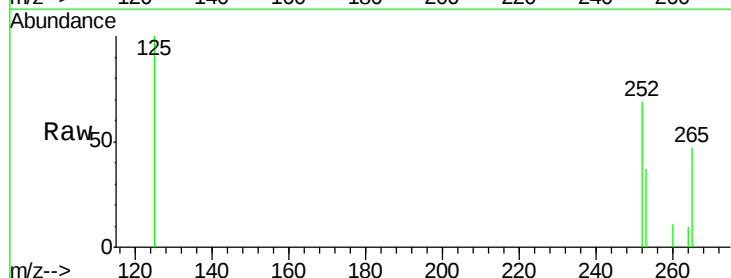
Tgt Ion:252 Resp: 9989

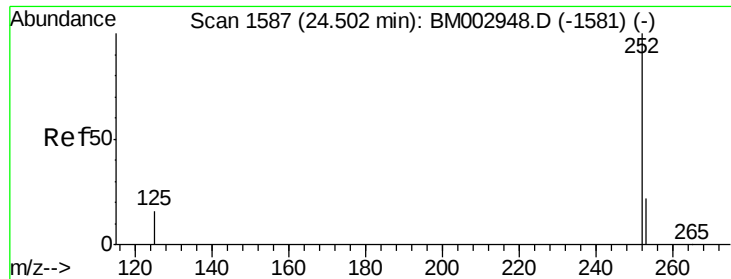
Ion Ratio Lower Upper

252 100

253 54.0 20.8 31.2#

125 145.0 12.2 18.4#





#25

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 24.47 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

Instrument :

BNA_M

ClientSampleId :

JG9L1

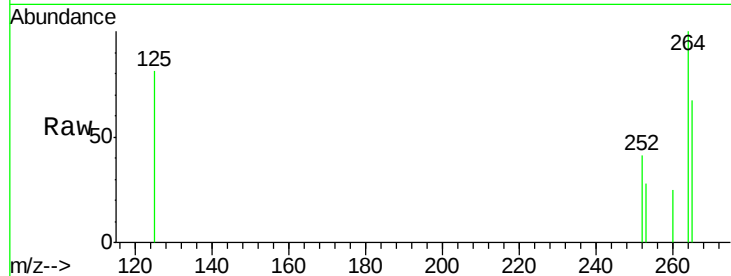
Tgt Ion:252 Resp: 3980

Ion Ratio Lower Upper

252 100

253 68.1 21.8 32.8#

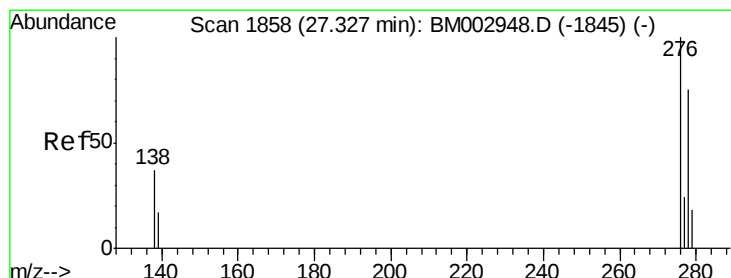
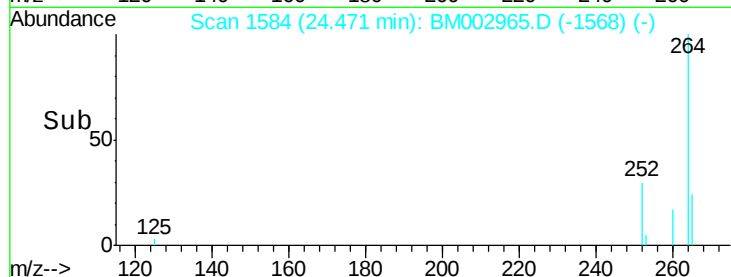
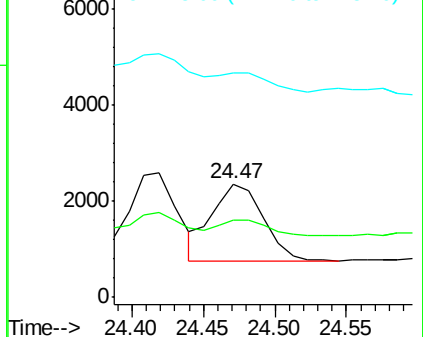
125 197.6 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng/ul

RT: 27.32 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

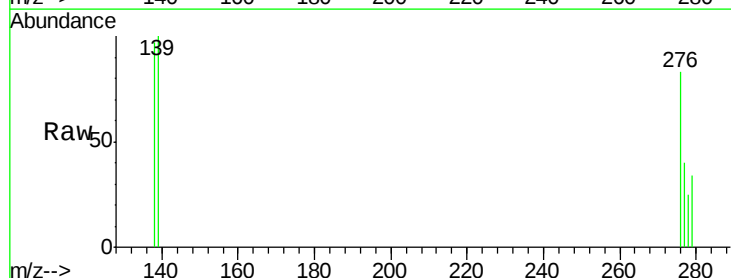
Tgt Ion:276 Resp: 3965

Ion Ratio Lower Upper

276 100

138 74.1 27.5 41.3#

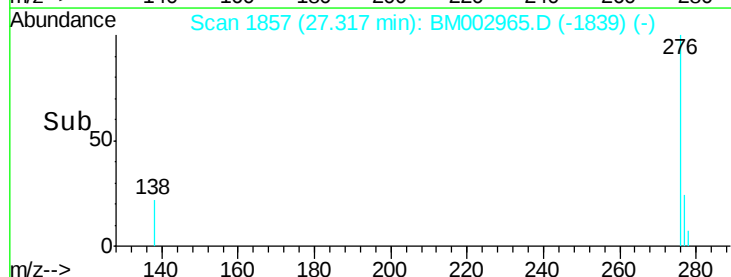
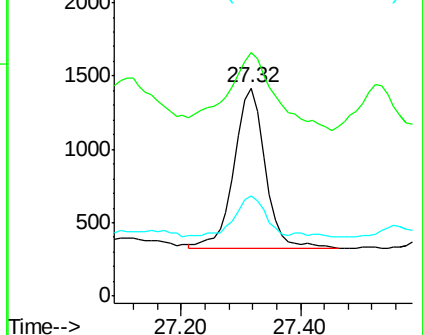
277 24.2 19.3 28.9

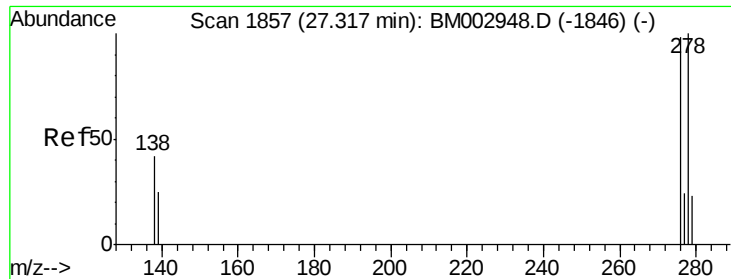


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.02 ng/ul

RT: 27.30 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

Instrument :

BNA_M

ClientSampled :

JG9L1

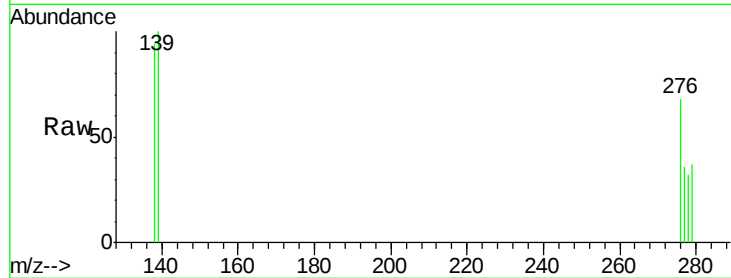
Tgt Ion: 278 Resp: 1180

Ion Ratio Lower Upper

278 100

139 314.0 21.7 32.5#

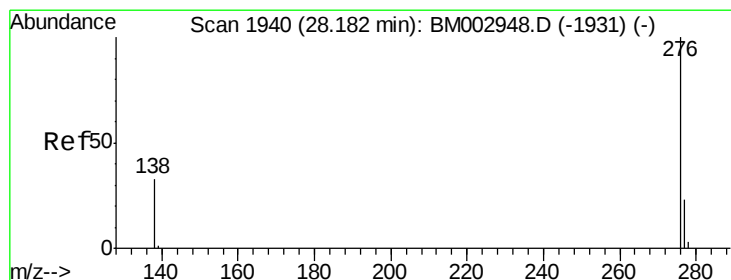
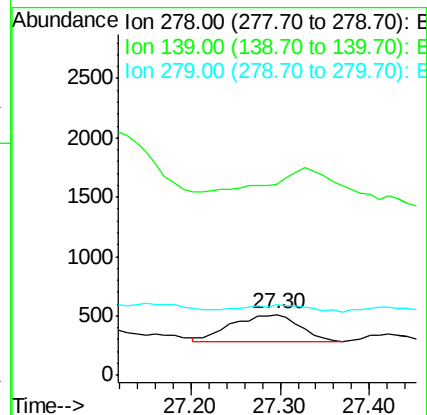
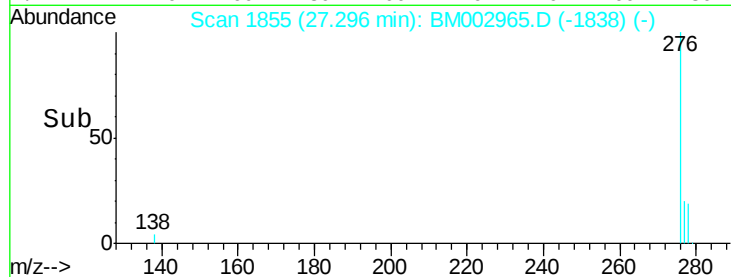
279 115.8 21.9 32.9#



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



#28

Benzo(g,h,i)perylene

Concen: 0.08 ng/ul

RT: 28.16 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM002965.D

Acq: 22 Oct 2015 01:49

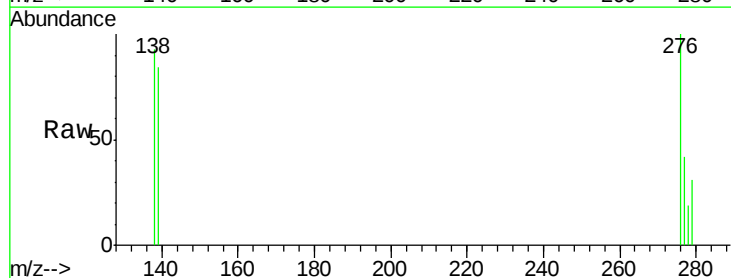
Tgt Ion: 276 Resp: 6042

Ion Ratio Lower Upper

276 100

277 42.4 21.3 31.9#

138 93.2 25.5 38.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

