

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000657.D
 Acq On : 04 Mar 2015 21:56
 Operator : TP/IZ
 Sample : MDL-05-S
 Misc : MDL-SOIL-0.4PPM
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 05 02:34:51 2015

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 05 02:24:03 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4867	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17618	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.30	164	10318	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.06	188	21905	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	15044	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	11475	0.40	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	6820	1.92	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.03	152	6	0.00	ng/ul	-0.01
16) Fluoranthene-d10	19.09	212	17	0.00	ng/ul	0.00

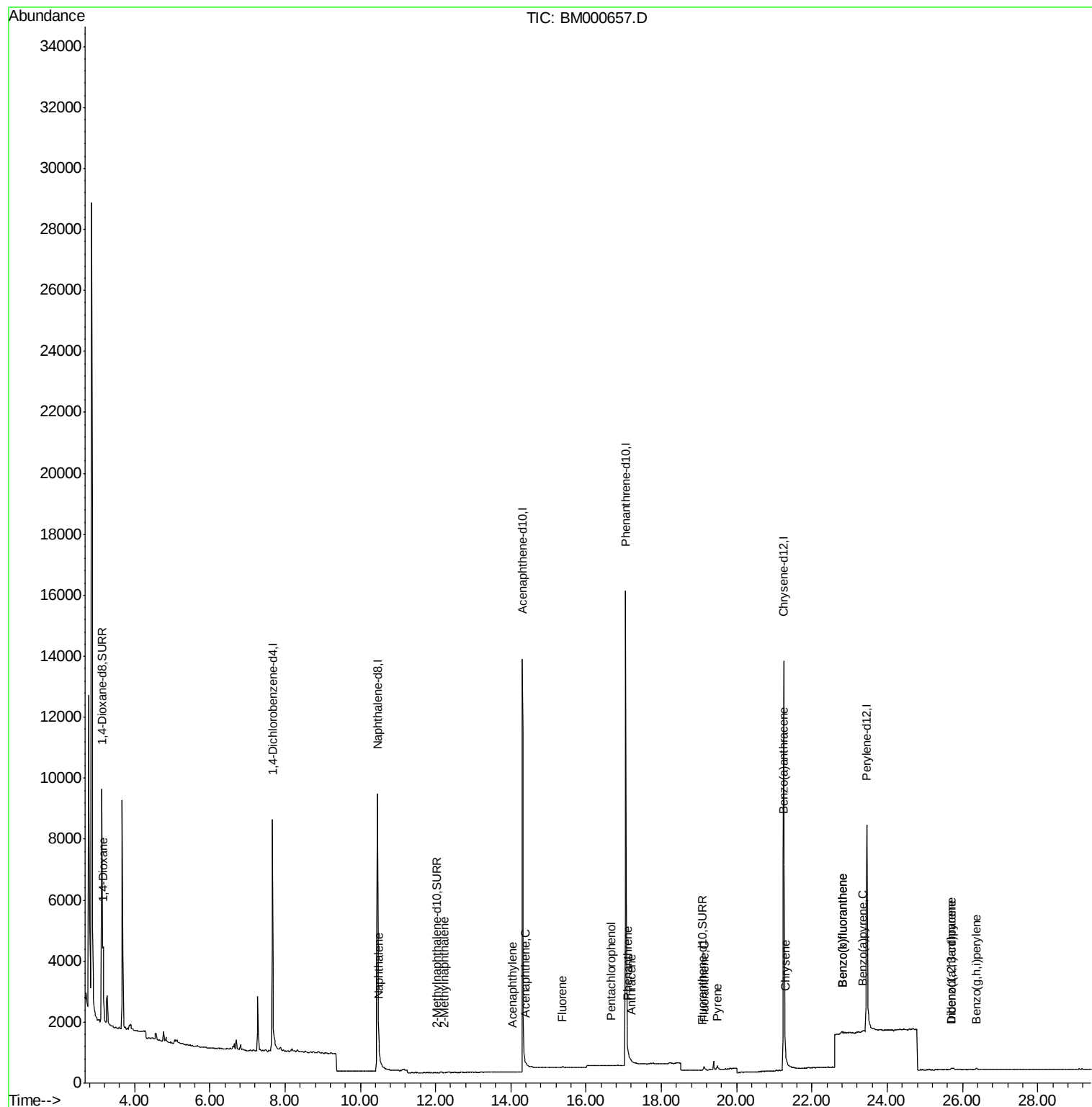
Target Compounds

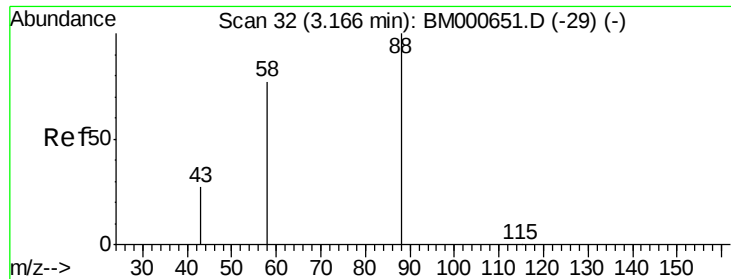
						Qvalue
3) 1,4-Dioxane	3.17	88	4366	0.79	ng/ul#	51
5) Naphthalene	10.49	128	35	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.22	142	2	0.00	ng/ul	87
9) Acenaphthylene	14.04	152	15	0.00	ng/ul#	1
10) Acenaphthene	14.38	153	12	0.00	ng/ul#	76
11) Fluorene	15.37	166	46	0.00	ng/ul#	32
13) Pentachlorophenol	16.67	266	18	0.01	ng/ul#	19
14) Phenanthrene	17.10	178	137	0.00	ng/ul#	1
15) Anthracene	17.19	178	73	0.00	ng/ul#	1
17) Fluoranthene	19.13	202	146	0.00	ng/ul#	1
19) Pyrene	19.49	202	154	0.00	ng/ul#	18
20) Benzo(a)anthracene	21.24	228	136	0.00	ng/ul#	30
21) Chrysene	21.28	228	141	0.00	ng/ul#	32
23) Benzo(b)fluoranthene	22.81	252	86	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.81	252	86	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.36	252	76	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.70	276	100	0.00	ng/ul#	75
27) Dibenzo(a,h)anthracene	25.71	278	65	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.37	276	89	0.00	ng/ul#	1

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

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 02:24:03 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.79 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000657.D

Acq: 04 Mar 2015 21:56

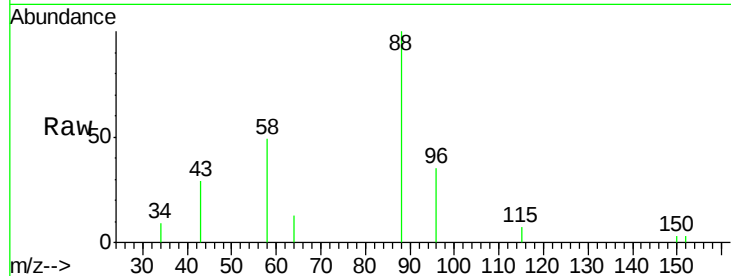
Tgt Ion: 88 Resp: 4366

Ion Ratio Lower Upper

88 100

58 32.1 55.4 83.2#

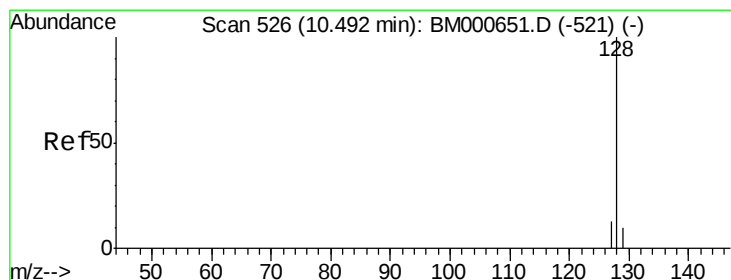
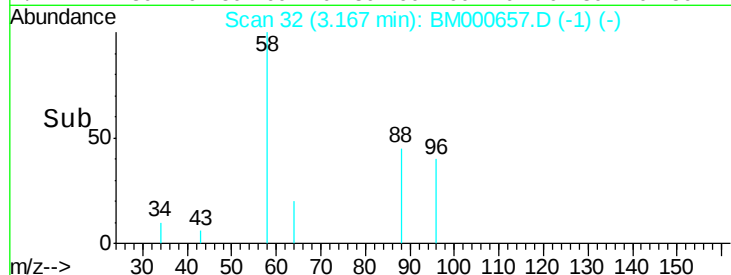
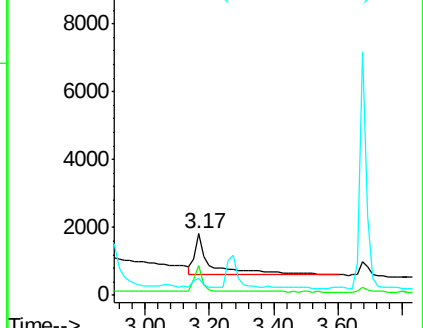
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000657.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000657.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000657.D (-29) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM000657.D

Acq: 04 Mar 2015 21:56

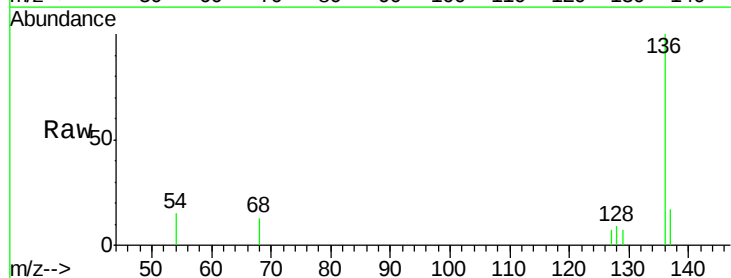
Tgt Ion: 128 Resp: 35

Ion Ratio Lower Upper

128 100

129 77.9 8.5 12.7#

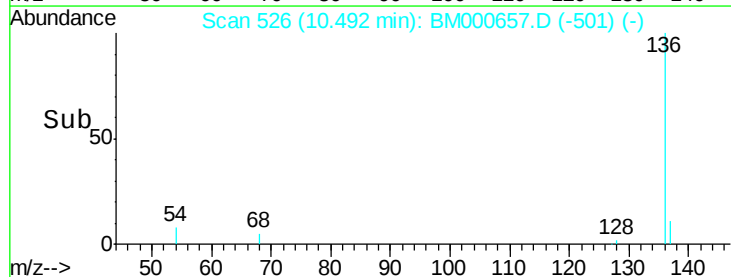
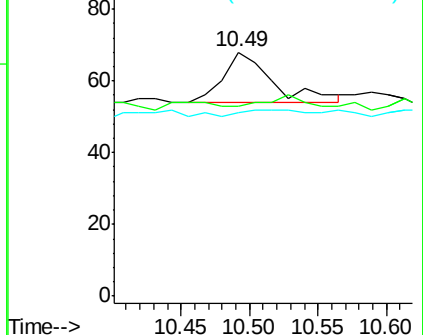
127 75.0 11.0 16.6#

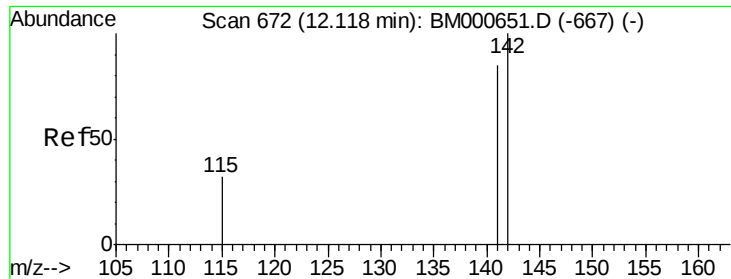


Abundance Ion 128.00 (127.70 to 128.70): BM000657.D (-521) (-)

Ion 129.00 (128.70 to 129.70): BM000657.D (-521) (-)

Ion 127.00 (126.70 to 127.70): BM000657.D (-521) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.22 min Scan# 682

Delta R.T. 0.10 min

Lab File: BM000657.D

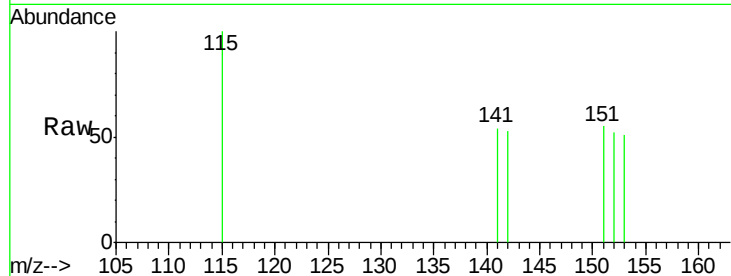
Acq: 04 Mar 2015 21:56

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 100.0 70.6 106.0

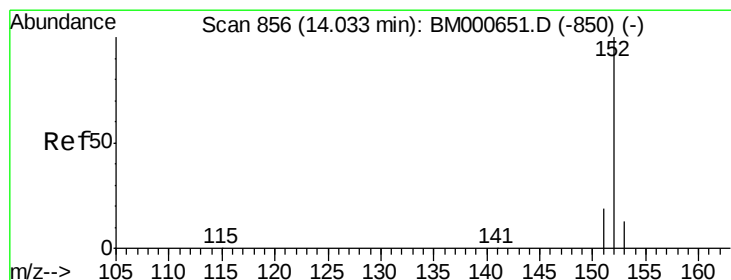
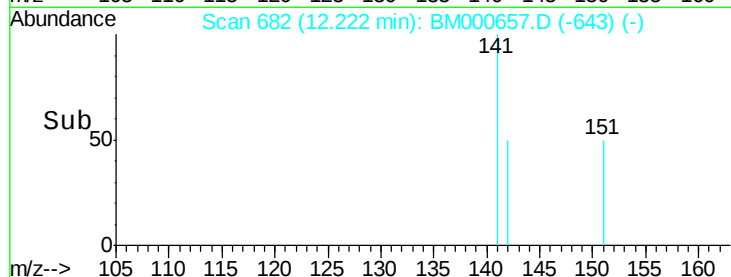


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.22

Time-->



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 857

Delta R.T. 0.01 min

Lab File: BM000657.D

Acq: 04 Mar 2015 21:56

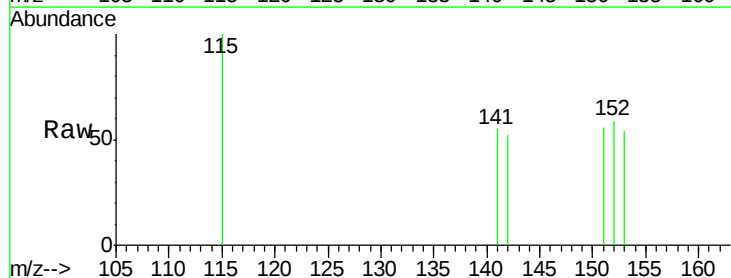
Tgt Ion:152 Resp: 15

Ion Ratio Lower Upper

152 100

151 94.7 16.0 24.0#

153 91.2 10.2 15.4#



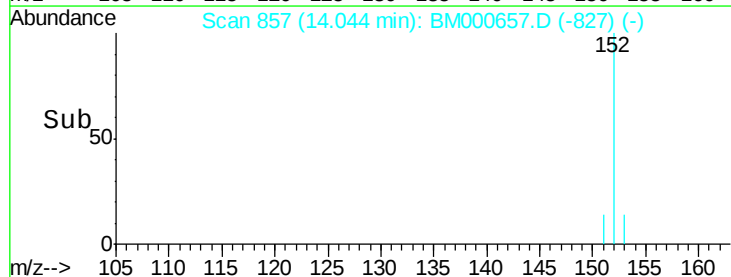
Abundance Ion 152.00 (151.70 to 152.70): E

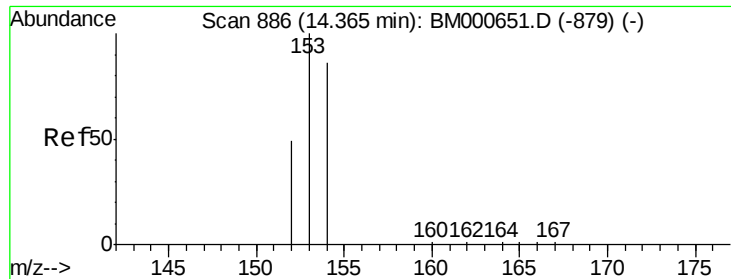
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.04

Time-->





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.38 min Scan# 887

Delta R.T. 0.02 min

Lab File: BM000657.D

Acq: 04 Mar 2015 21:56

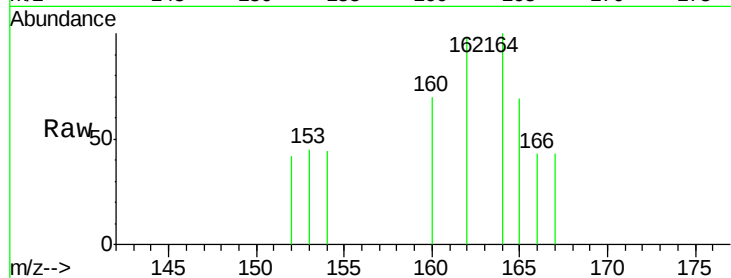
Tgt Ion:153 Resp: 12

Ion Ratio Lower Upper

153 100

152 92.9 34.2 51.2#

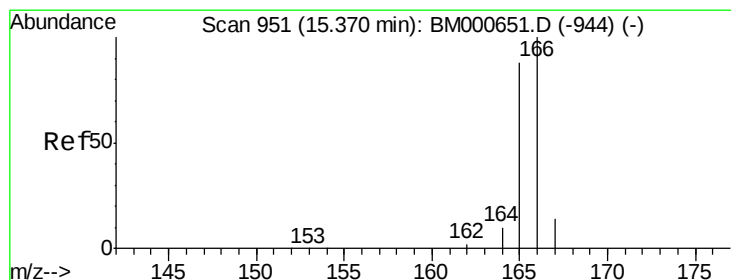
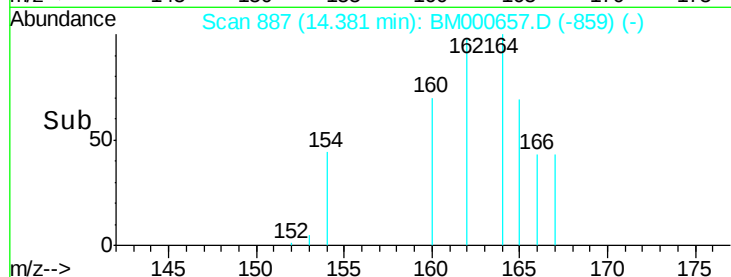
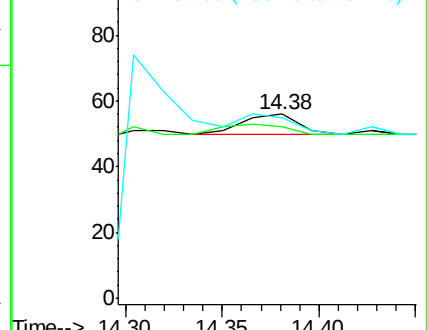
154 98.2 78.8 118.2



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: 0.00 ng/ul

RT: 15.37 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM000657.D

Acq: 04 Mar 2015 21:56

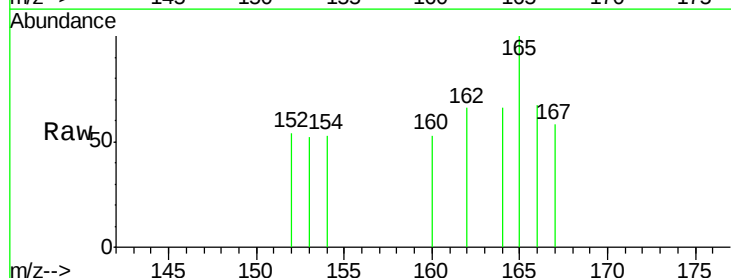
Tgt Ion:166 Resp: 46

Ion Ratio Lower Upper

166 100

165 150.0 78.5 117.7#

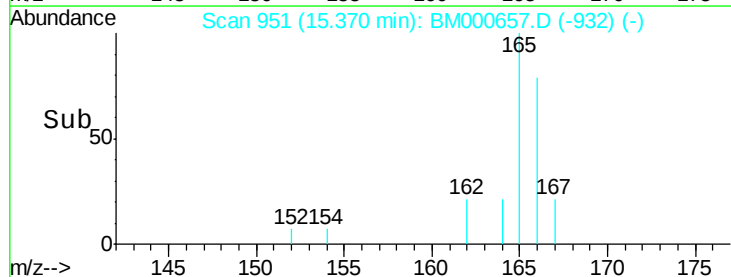
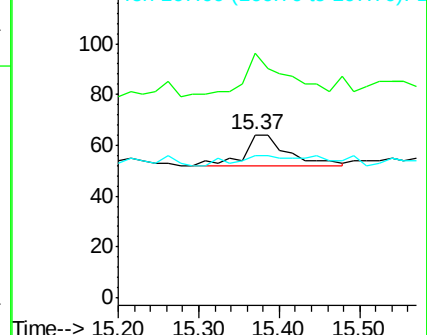
167 87.5 10.6 16.0#

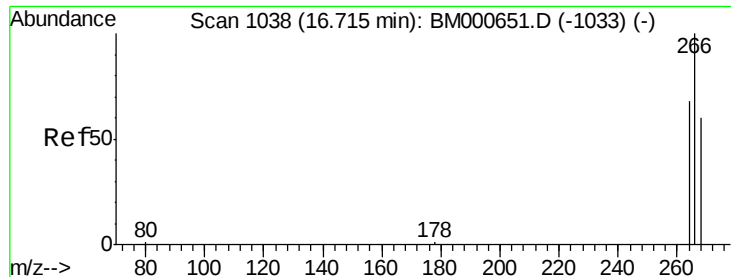


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

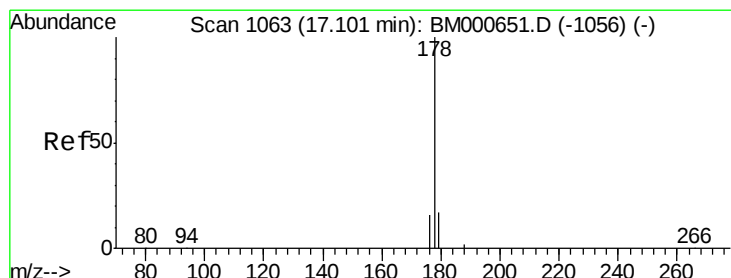
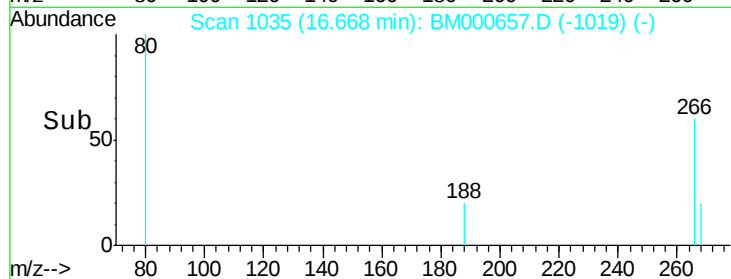
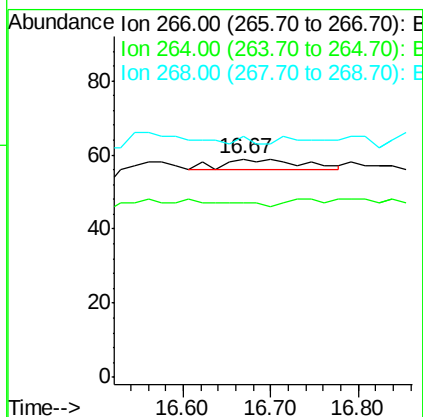
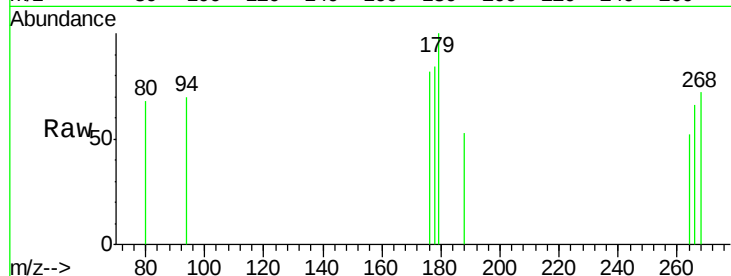
Ion 167.00 (166.70 to 167.70): E





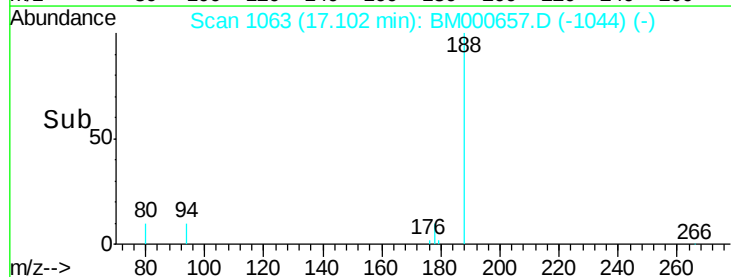
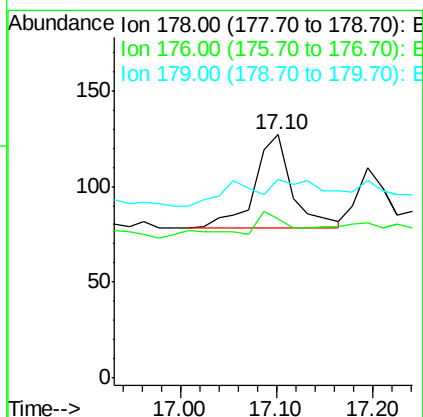
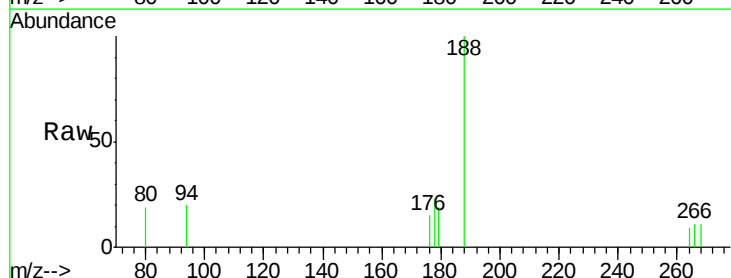
#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.67 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BM000657.D
 Acq: 04 Mar 2015 21:56

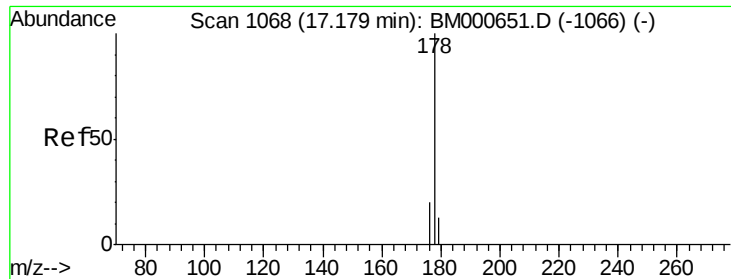
Tgt Ion: 266 Resp: 18
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.0 76.4#
 268 0.0 49.4 74.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000657.D
 Acq: 04 Mar 2015 21:56

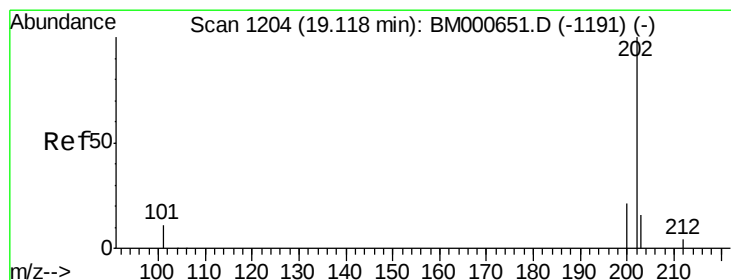
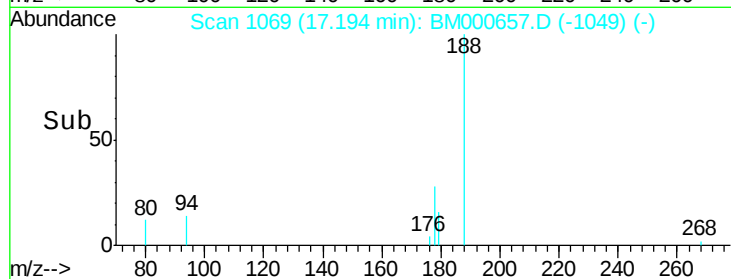
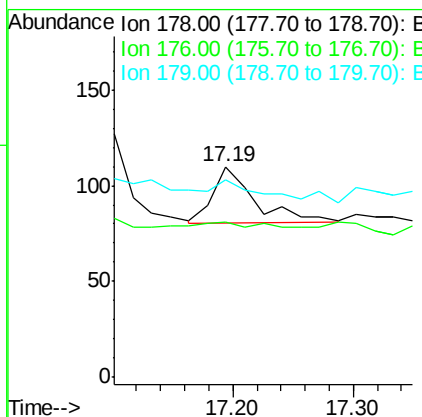
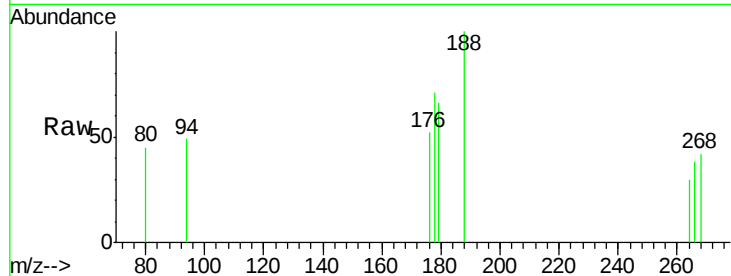
Tgt Ion: 178 Resp: 137
 Ion Ratio Lower Upper
 178 100
 176 65.4 14.8 22.2#
 179 81.9 12.7 19.1#





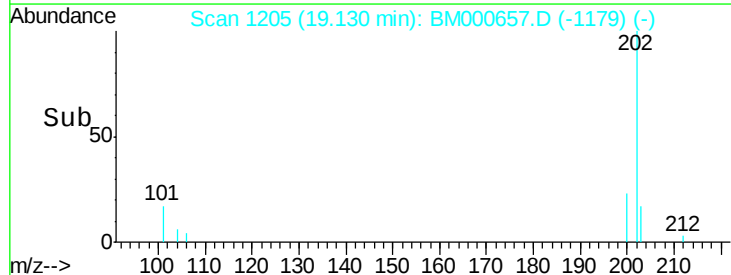
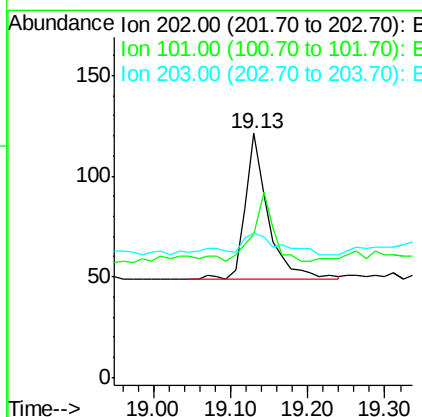
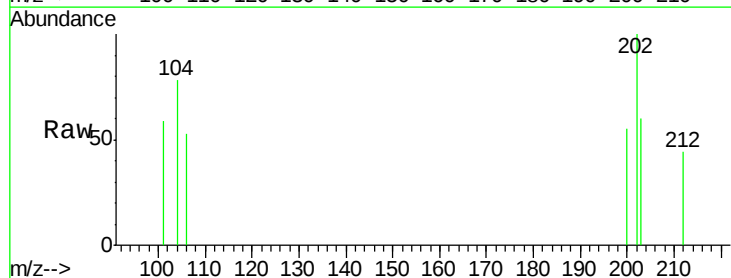
#15
 Anthracene
 Concen: 0.00 ng/ul
 RT: 17.19 min Scan# 1069
 Delta R.T. 0.02 min
 Lab File: BM000657.D
 Acq: 04 Mar 2015 21:56

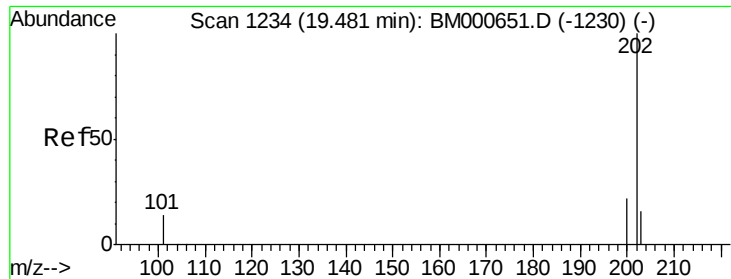
Tgt Ion: 178 Resp: 73
 Ion Ratio Lower Upper
 178 100
 176 73.6 14.2 21.4#
 179 93.6 12.8 19.2#



#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.13 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BM000657.D
 Acq: 04 Mar 2015 21:56

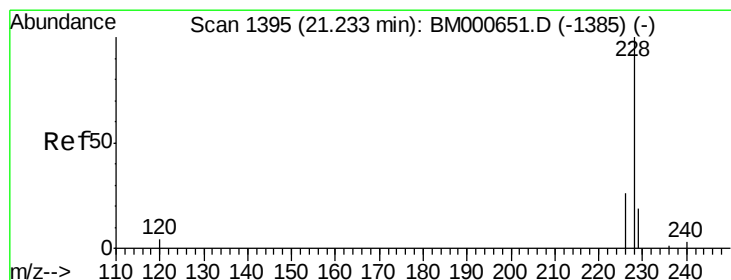
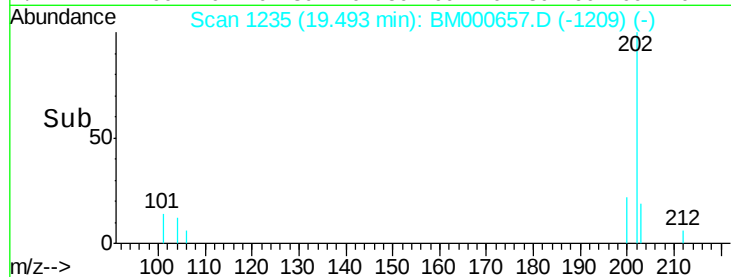
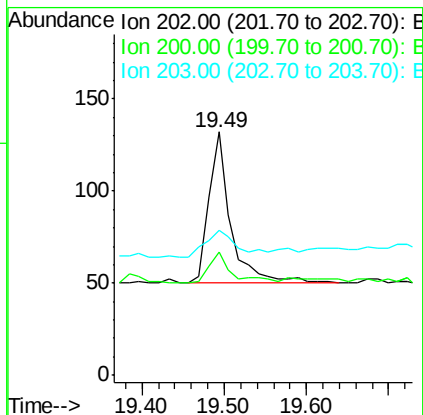
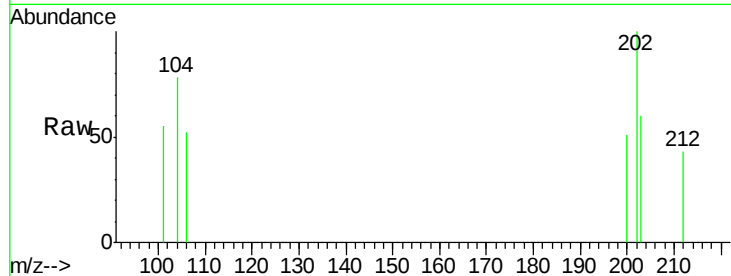
Tgt Ion: 202 Resp: 146
 Ion Ratio Lower Upper
 202 100
 101 58.7 0.0 27.0#
 203 59.5 0.0 38.5#





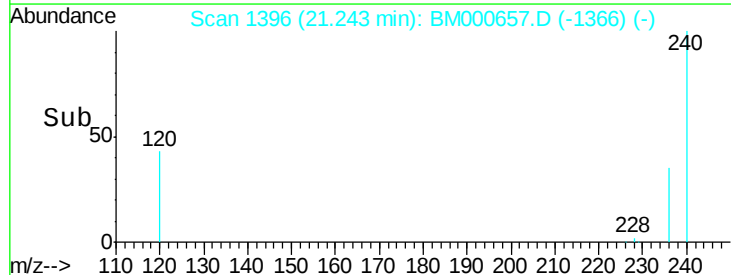
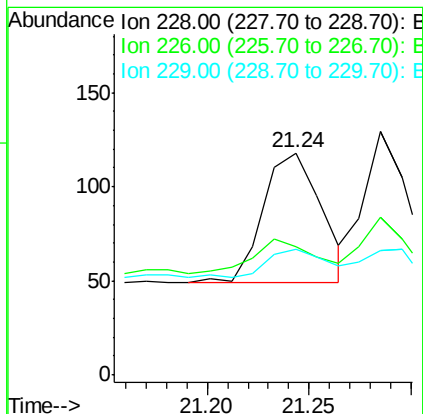
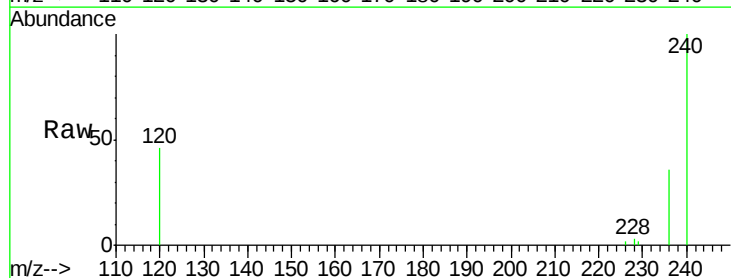
#19
Pyrene
Concen: 0.00 ng/ul
RT: 19.49 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BM000657.D
Acq: 04 Mar 2015 21:56

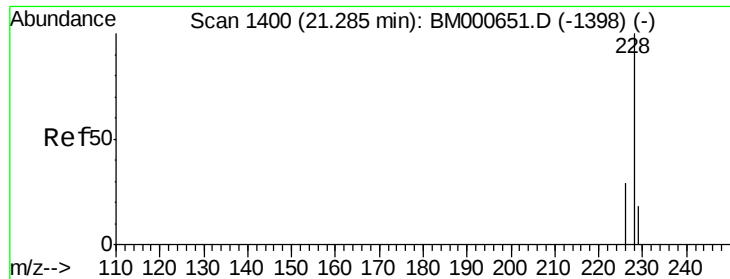
Tgt Ion: 202 Resp: 154
Ion Ratio Lower Upper
202 100
200 50.8 15.5 23.3#
203 59.8 14.2 21.2#



#20
Benzo(a)anthracene
Concen: 0.00 ng/ul
RT: 21.24 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BM000657.D
Acq: 04 Mar 2015 21:56

Tgt Ion: 228 Resp: 136
Ion Ratio Lower Upper
228 100
226 57.6 20.0 30.0#
229 56.8 16.7 25.1#





#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BM000657.D

Acq: 04 Mar 2015 21:56

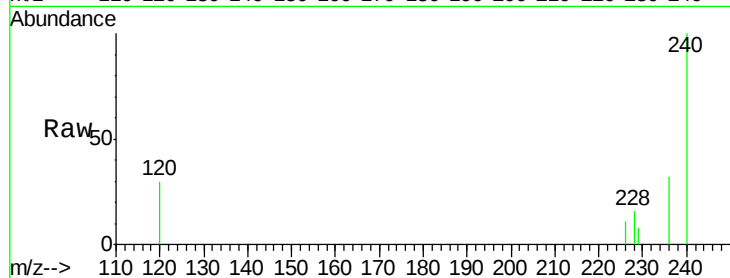
Tgt Ion: 228 Resp: 141

Ion Ratio Lower Upper

228 100

226 65.1 22.6 33.8#

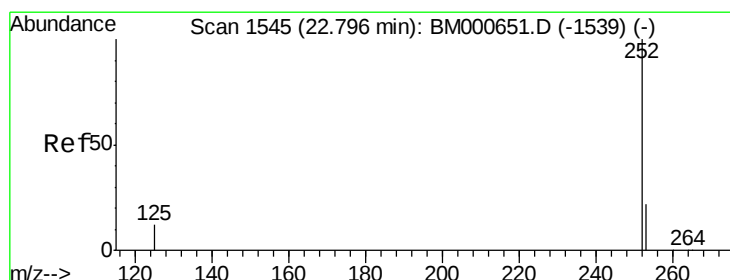
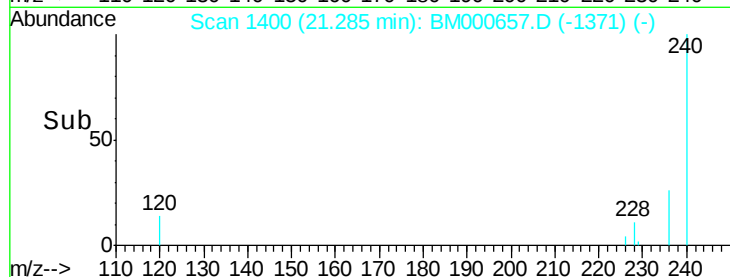
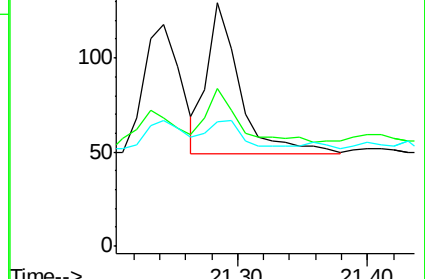
229 51.2 16.4 24.6#



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



#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.81 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BM000657.D

Acq: 04 Mar 2015 21:56

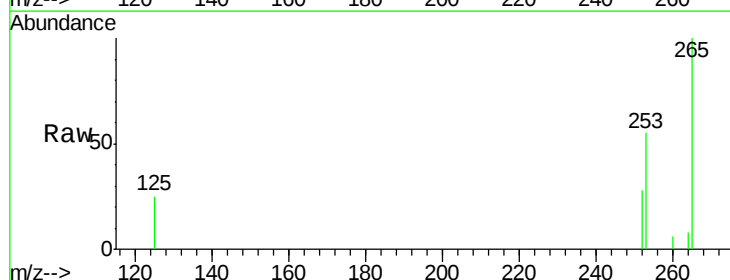
Tgt Ion: 252 Resp: 86

Ion Ratio Lower Upper

252 100

253 196.7 0.0 51.2#

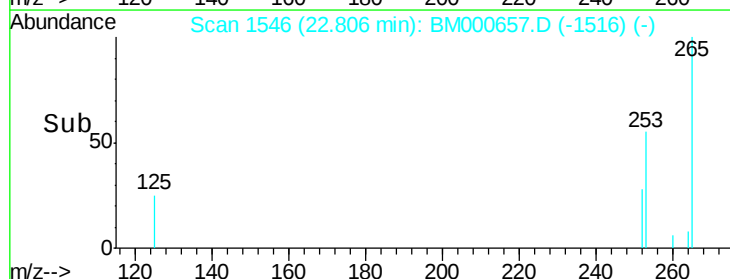
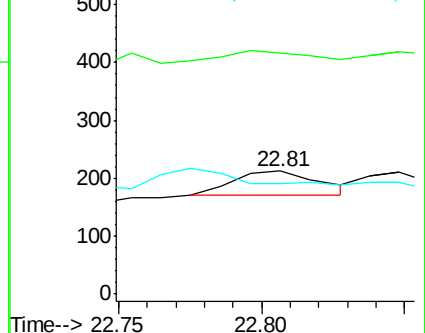
125 90.1 0.0 30.0#

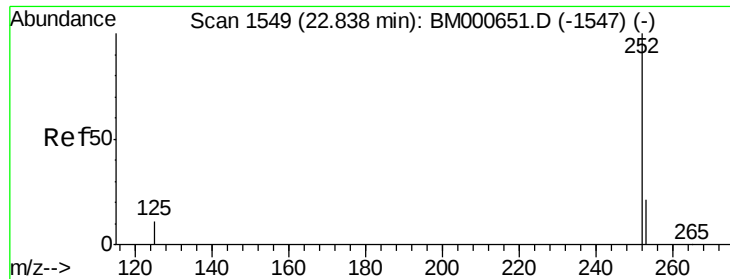


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

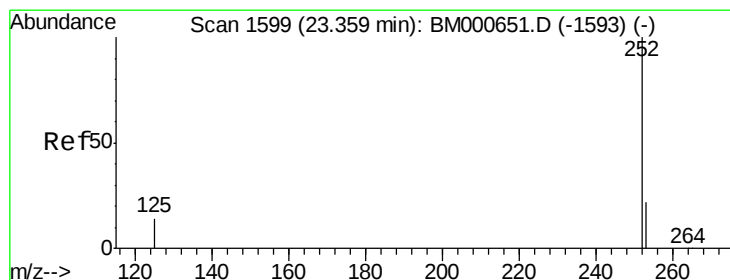
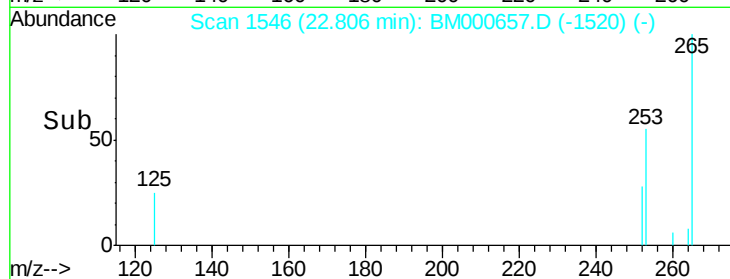
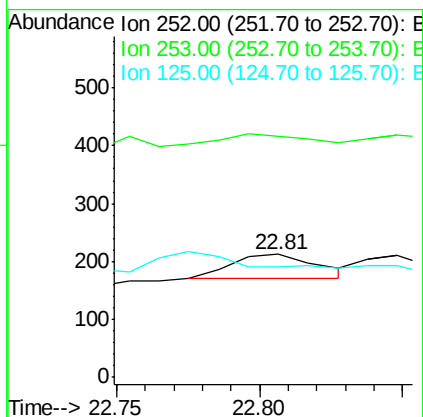
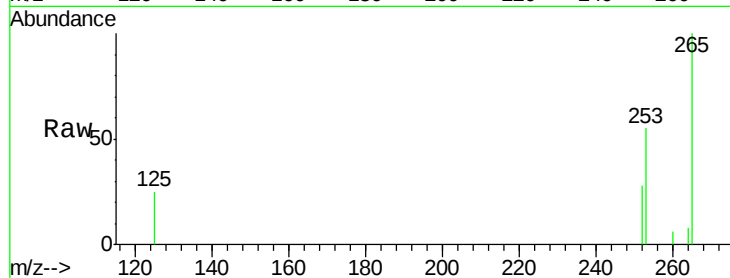
Ion 125.00 (124.70 to 125.70): E





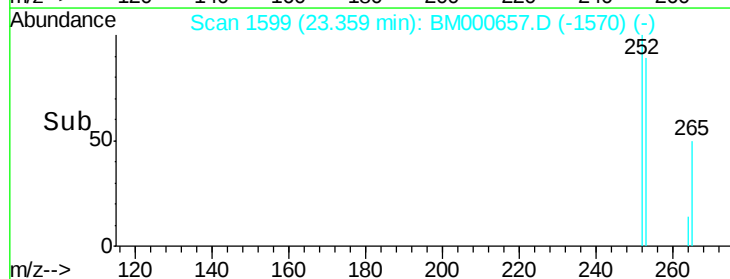
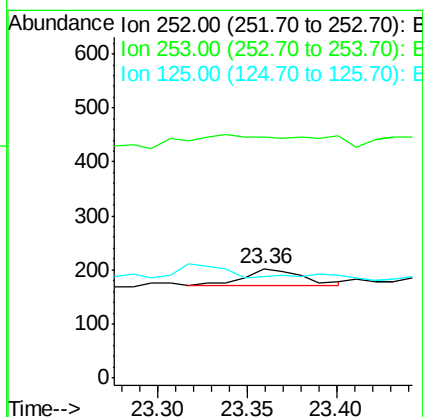
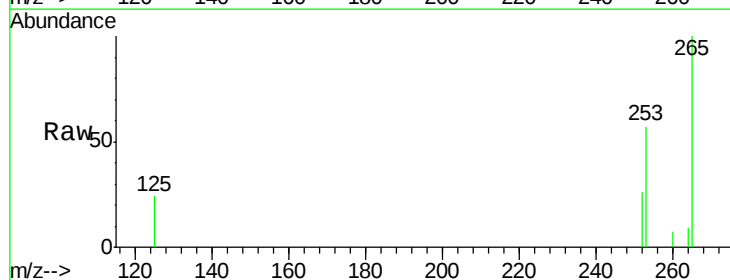
#24
Benzo(k)fluoranthene
Concen: 0.00 ng/u1
RT: 22.81 min Scan# 1546
Delta R.T. -0.03 min
Lab File: BM000657.D
Acq: 04 Mar 2015 21:56

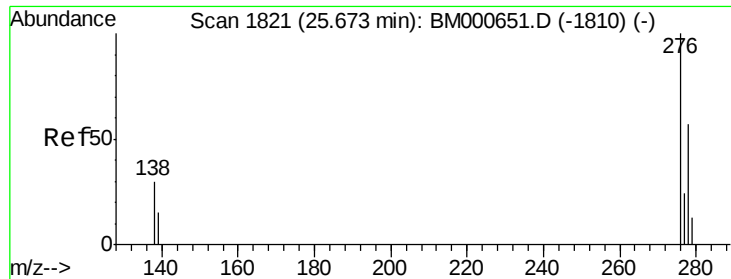
Tgt Ion:252 Resp: 86
Ion Ratio Lower Upper
252 100
253 196.7 20.5 30.7#
125 90.1 11.8 17.6#



#25
Benzo(a)pyrene
Concen: 0.00 ng/u1
RT: 23.36 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BM000657.D
Acq: 04 Mar 2015 21:56

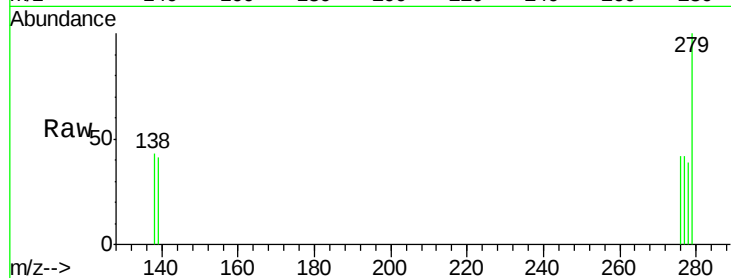
Tgt Ion:252 Resp: 76
Ion Ratio Lower Upper
252 100
253 219.2 23.4 35.0#
125 92.1 12.2 18.4#



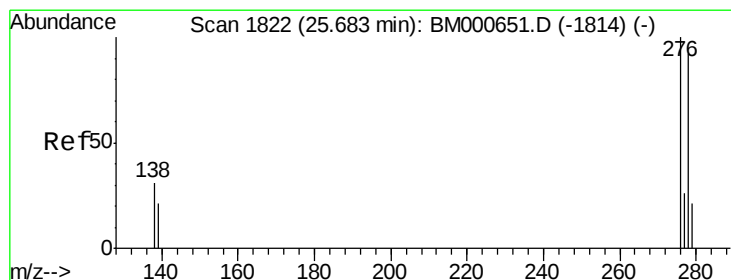
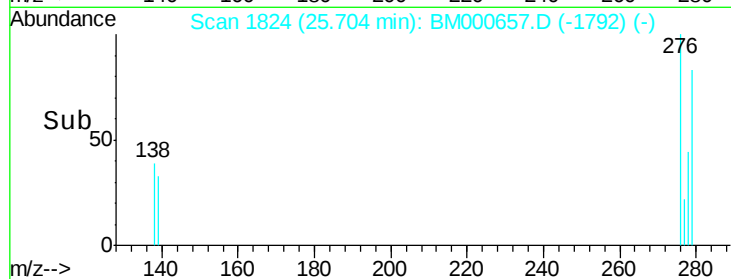
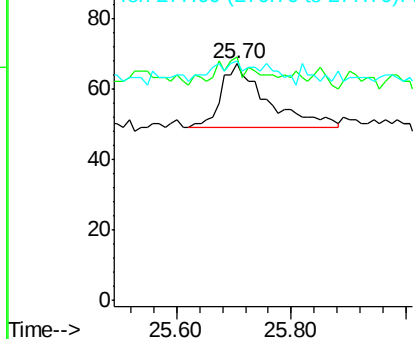


#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng/ul
 RT: 25.70 min Scan# 1824
 Delta R.T. 0.03 min
 Lab File: BM000657.D
 Acq: 04 Mar 2015 21:56

Tgt Ion: 276 Resp: 100
 Ion Ratio Lower Upper
 276 100
 138 24.0 23.8 35.8
 277 4.0 19.7 29.5#

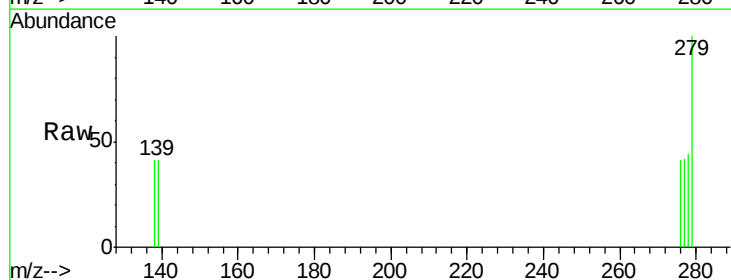


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

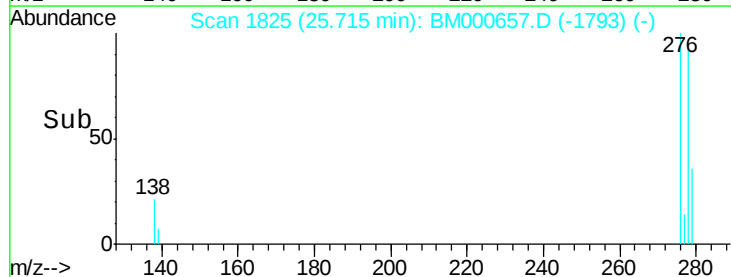
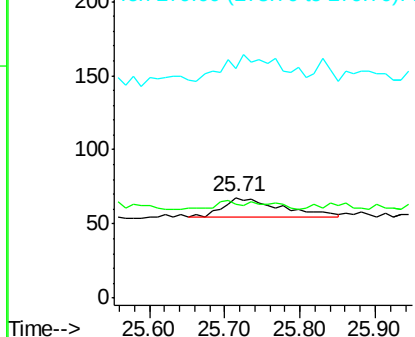


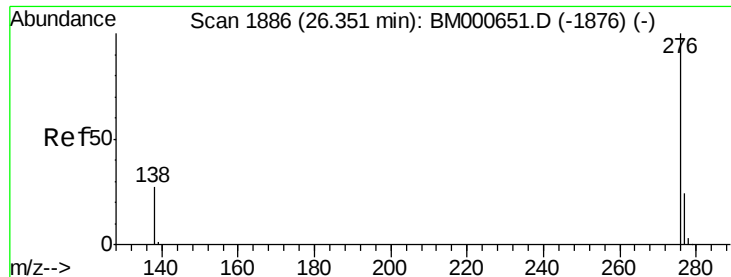
#27
 Dibenzo(a,h)anthracene
 Concen: 0.00 ng/ul
 RT: 25.71 min Scan# 1825
 Delta R.T. 0.03 min
 Lab File: BM000657.D
 Acq: 04 Mar 2015 21:56

Tgt Ion: 278 Resp: 65
 Ion Ratio Lower Upper
 278 100
 139 92.6 17.0 25.6#
 279 227.9 22.3 33.5#



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: 0.00 ng/ul

RT: 26.37 min Scan# 1888

Delta R.T. 0.02 min

Lab File: BM000657.D

Acq: 04 Mar 2015 21:56

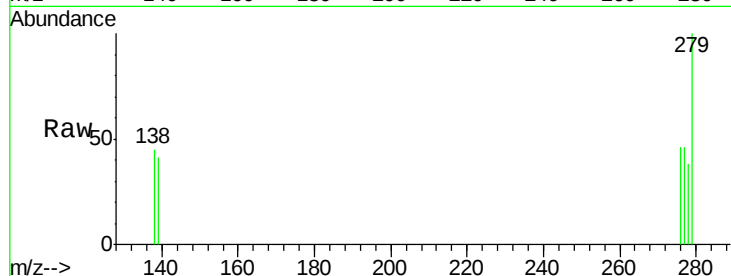
Tgt Ion: 276 Resp: 89

Ion Ratio Lower Upper

276 100

277 100.0 19.9 29.9#

138 98.5 20.6 30.8#



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

