

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000650.D
 Acq On : 04 Mar 2015 15:59
 Operator : TP/IZ
 Sample : MDL-07-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 04 23:34:19 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 : Wed Mar 04 23:23:51 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	5347	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18803	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.31	164	8531	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	22151	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	13999	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	10328	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	7605	1.95	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.08	152	3	0.00	ng/ul	0.03
16) Fluoranthene-d10	19.10	212	16	0.00	ng/ul	0.01

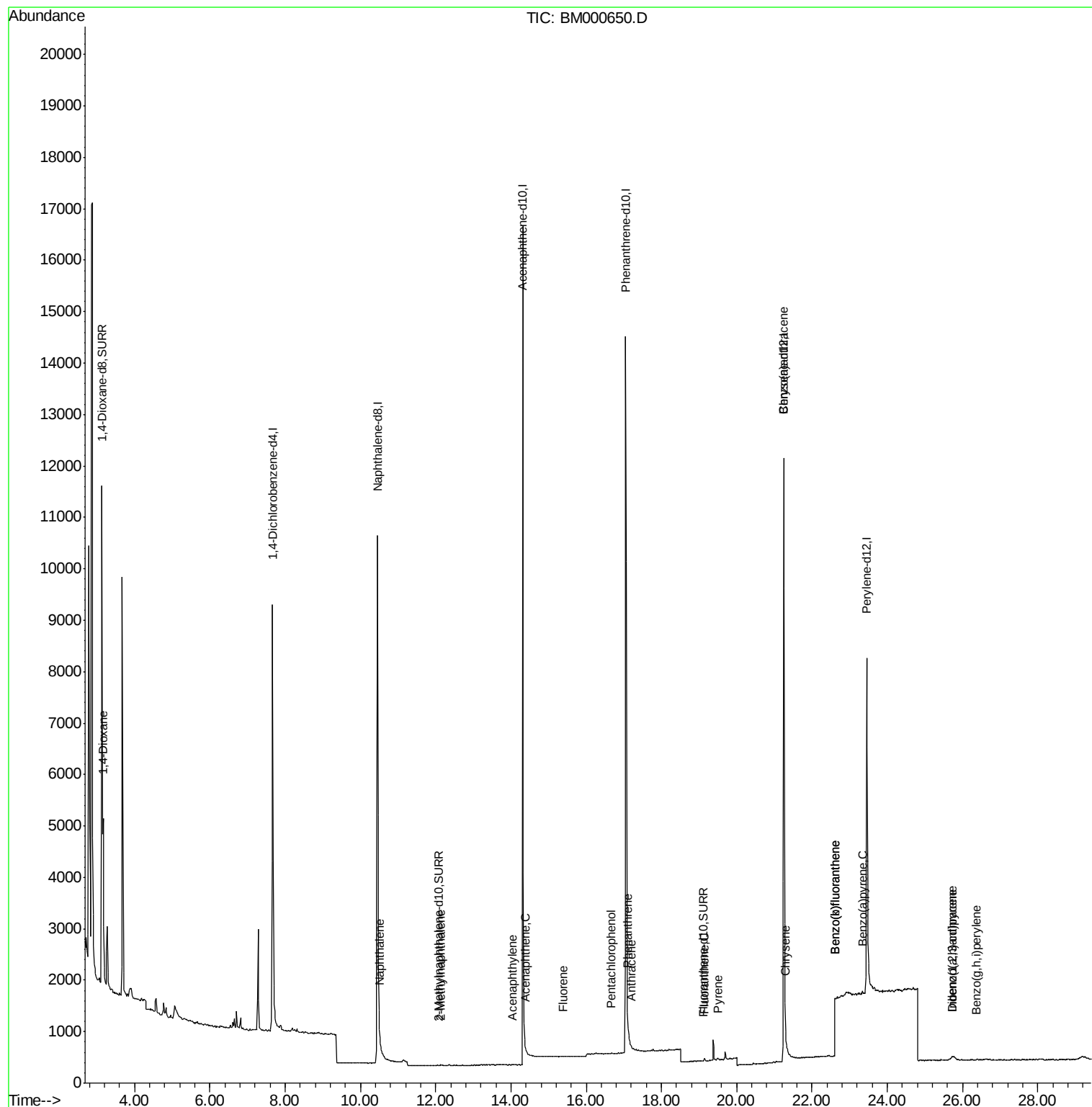
Target Compounds

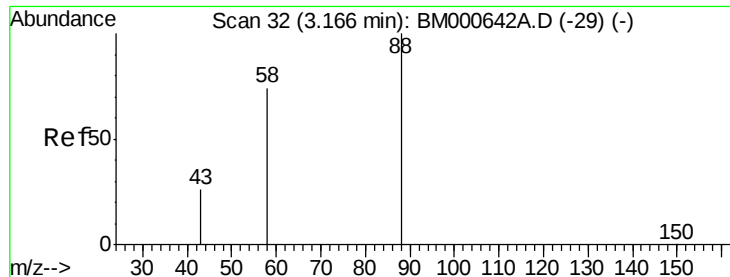
					Qvalue
3) 1,4-Dioxane	3.17	88	4783	0.79	ng/ul# 56
5) Naphthalene	10.50	128	22	0.00	ng/ul# 1
7) 2-Methylnaphthalene	12.13	142	16	0.00	ng/ul# 66
9) Acenaphthylene	14.03	152	7	0.00	ng/ul# 1
10) Acenaphthene	14.38	153	17	0.00	ng/ul# 72
11) Fluorene	15.38	166	23	0.00	ng/ul# 34
13) Pentachlorophenol	16.66	266	9	0.00	ng/ul# 1
14) Phenanthrene	17.10	178	51	0.00	ng/ul# 1
15) Anthracene	17.19	178	15	0.00	ng/ul# 1
17) Fluoranthene	19.14	202	40	0.00	ng/ul# 1
19) Pyrene	19.50	202	38	0.00	ng/ul# 1
20) Benzo(a)anthracene	21.25	228	68	0.00	ng/ul# 1
21) Chrysene	21.29	228	46	0.00	ng/ul# 1
23) Benzo(b)fluoranthene	22.62	252	415	0.01	ng/ul# 1
24) Benzo(k)fluoranthene	22.62	252	415	0.01	ng/ul# 1
25) Benzo(a)pyrene	23.34	252	26	0.00	ng/ul# 1
26) Indeno(1,2,3-cd)pyrene	25.72	276	40	0.00	ng/ul# 60
27) Dibenzo(a,h)anthracene	25.73	278	31	0.00	ng/ul# 1
28) Benzo(g,h,i)perylene	26.37	276	40	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
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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: BM000650.D

Acq: 04 Mar 2015 15:59

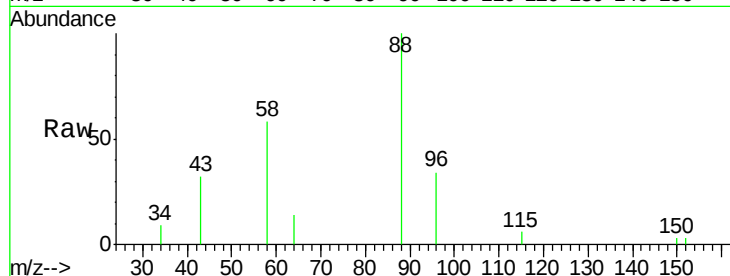
Tgt Ion: 88 Resp: 4783

Ion Ratio Lower Upper

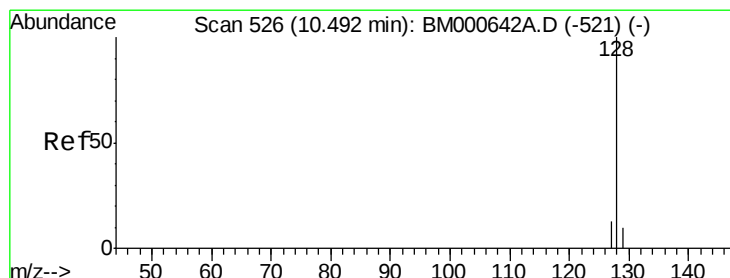
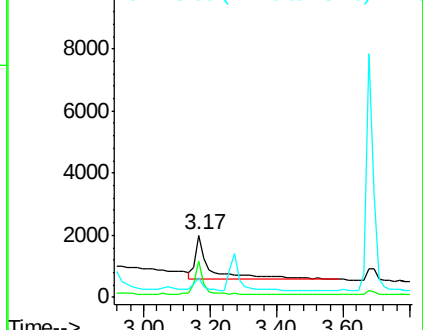
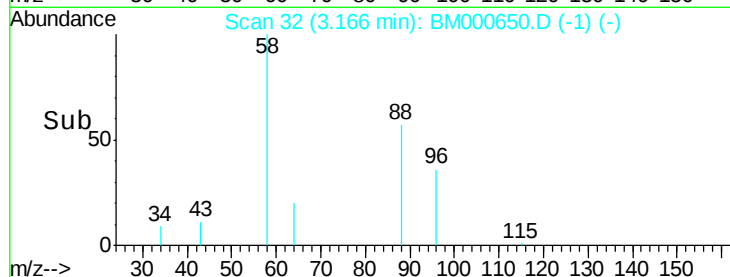
88 100

58 37.3 55.4 83.2#

43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000650.D (-1) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM000650.D

Acq: 04 Mar 2015 15:59

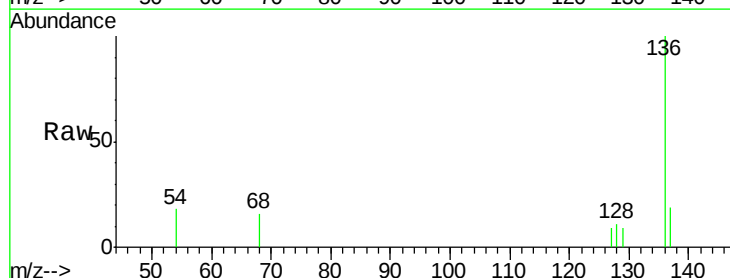
Tgt Ion: 128 Resp: 22

Ion Ratio Lower Upper

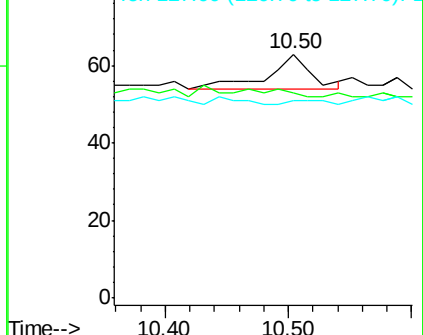
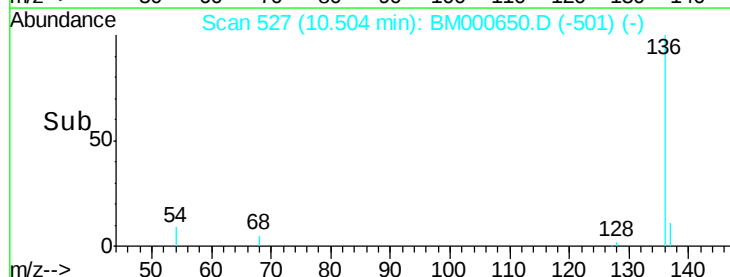
128 100

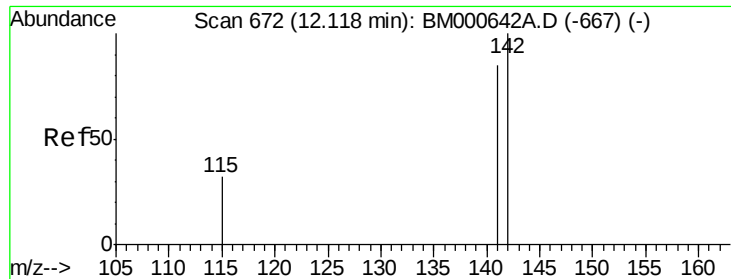
129 84.1 8.5 12.7#

127 81.0 11.0 16.6#



Abundance Ion 128.00 (127.70 to 128.70): BM000650.D (-501) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.13 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM000650.D

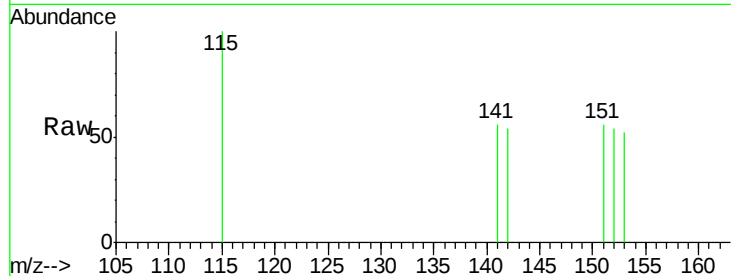
Acq: 04 Mar 2015 15:59

Tgt Ion:142 Resp: 16

Ion Ratio Lower Upper

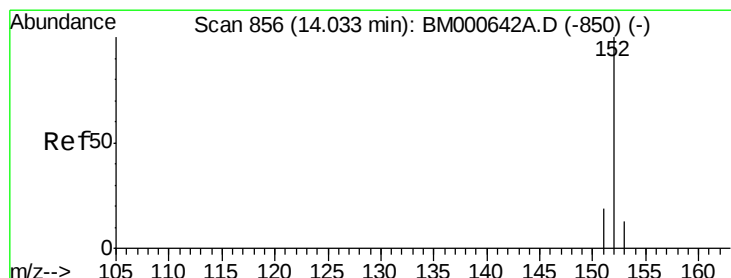
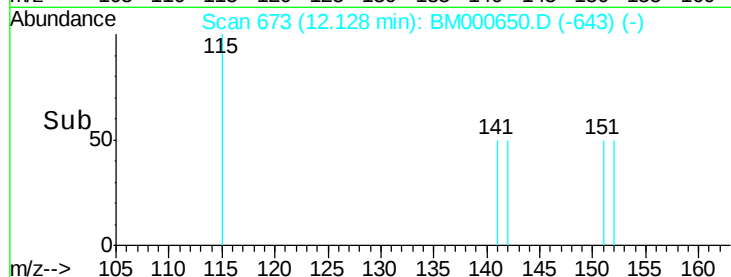
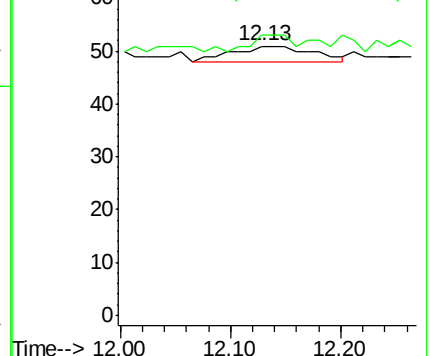
142 100

141 56.3 70.6 106.0#



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: 14.03 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM000650.D

Acq: 04 Mar 2015 15:59

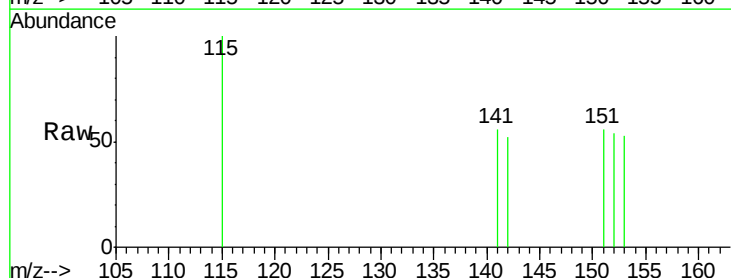
Tgt Ion:152 Resp: 7

Ion Ratio Lower Upper

152 100

151 103.8 16.0 24.0#

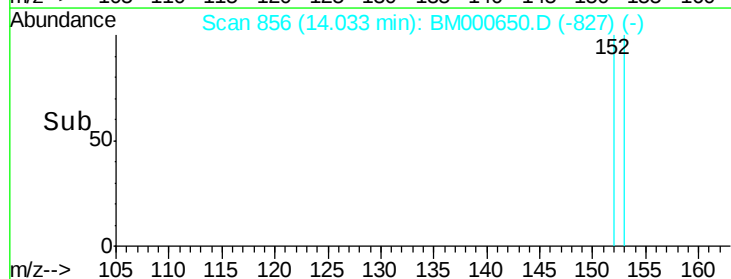
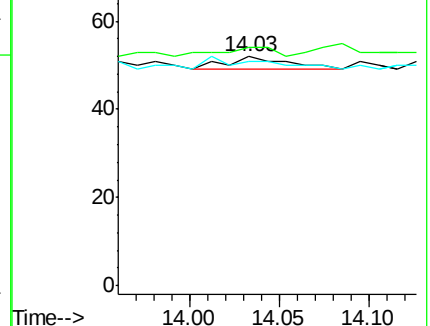
153 98.1 10.2 15.4#

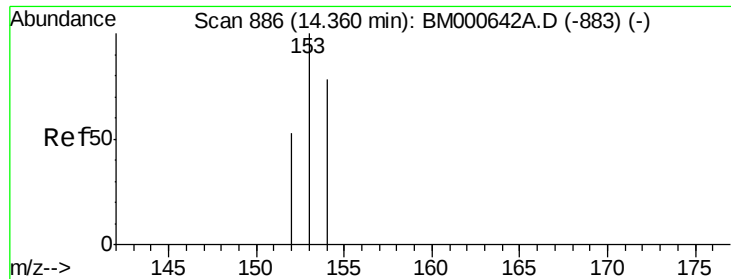


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.38 min Scan# 887

Delta R.T. 0.02 min

Lab File: BM000650.D

Acq: 04 Mar 2015 15:59

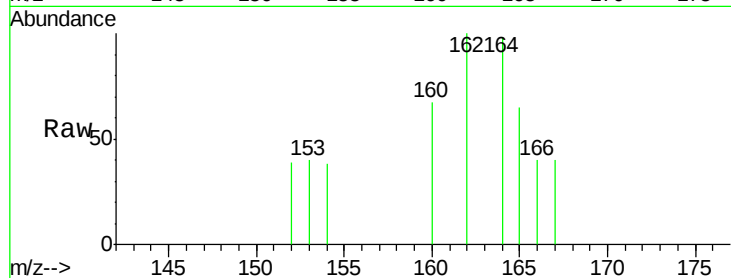
Tgt Ion:153 Resp: 17

Ion Ratio Lower Upper

153 100

152 98.1 34.2 51.2#

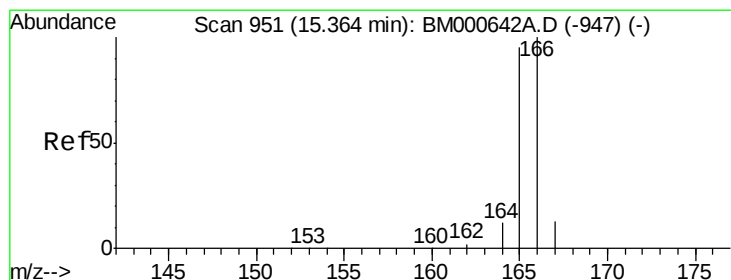
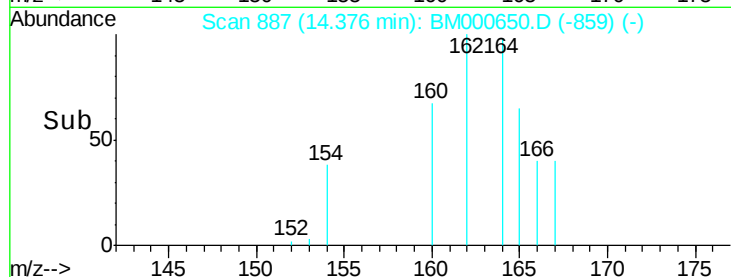
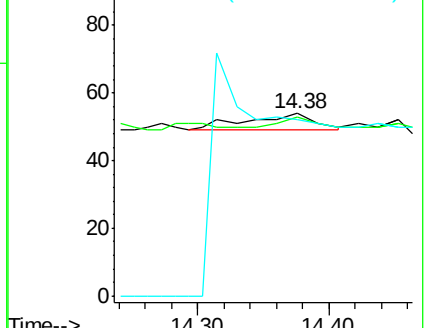
154 96.3 78.8 118.2



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: 15.38 min Scan# 952

Delta R.T. 0.02 min

Lab File: BM000650.D

Acq: 04 Mar 2015 15:59

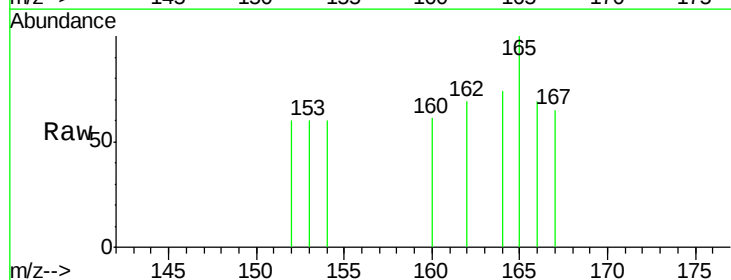
Tgt Ion:166 Resp: 23

Ion Ratio Lower Upper

166 100

165 144.8 78.5 117.7#

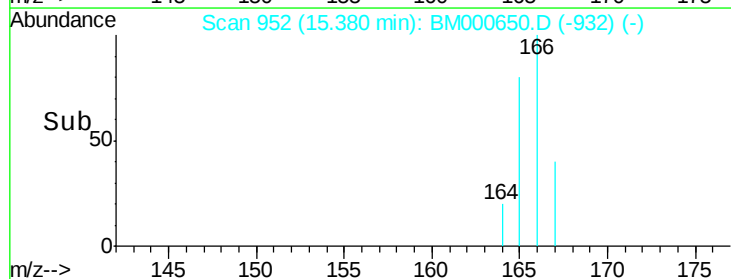
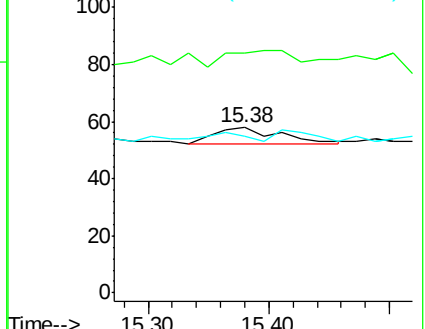
167 94.8 10.6 16.0#

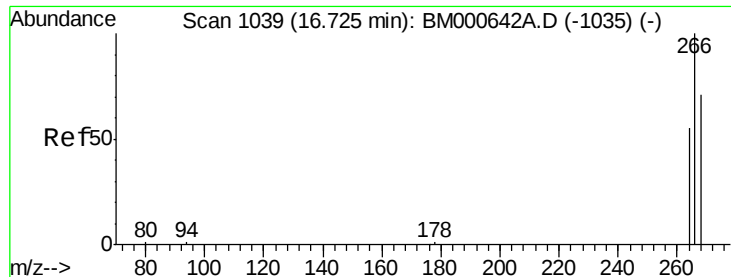


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

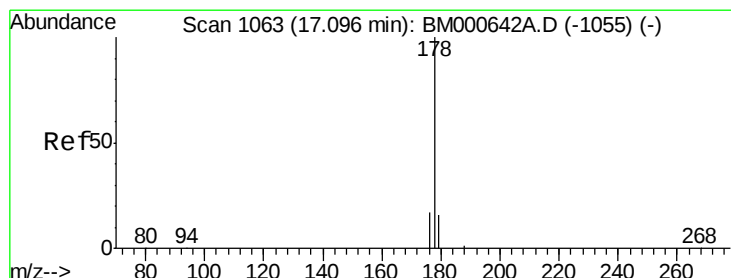
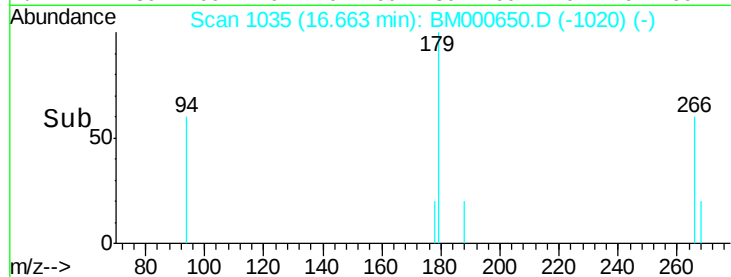
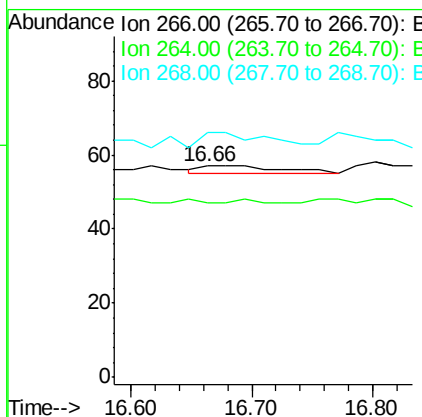
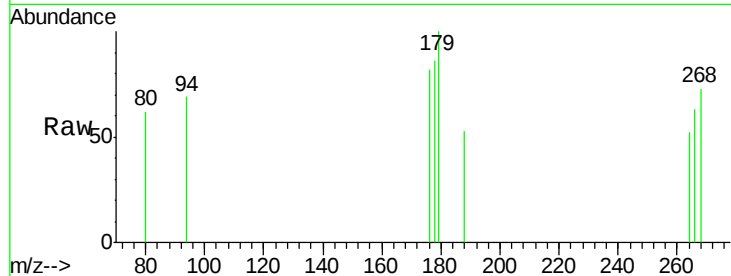
Ion 167.00 (166.70 to 167.70): E





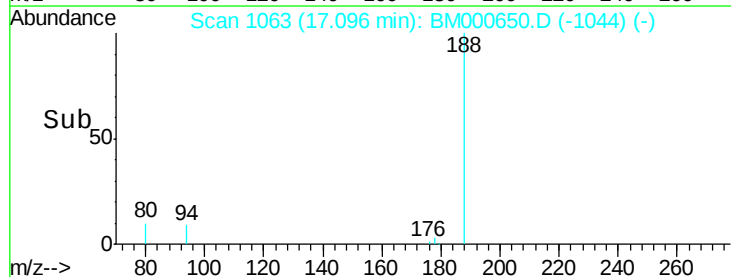
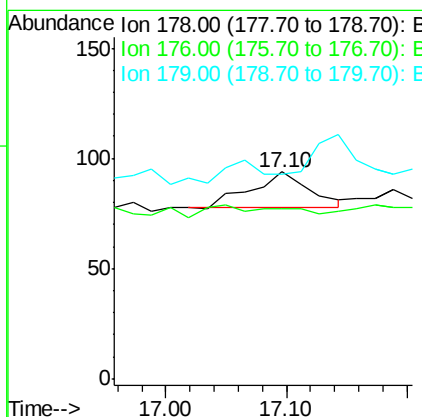
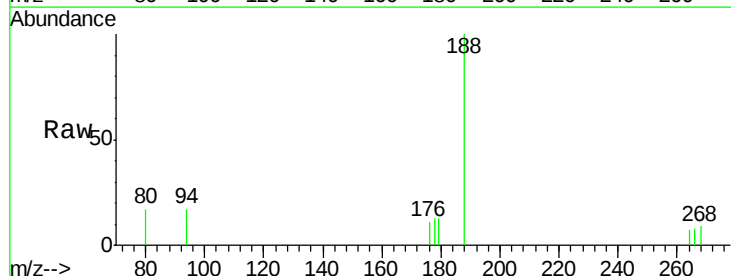
#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.66 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BM000650.D
 Acq: 04 Mar 2015 15:59

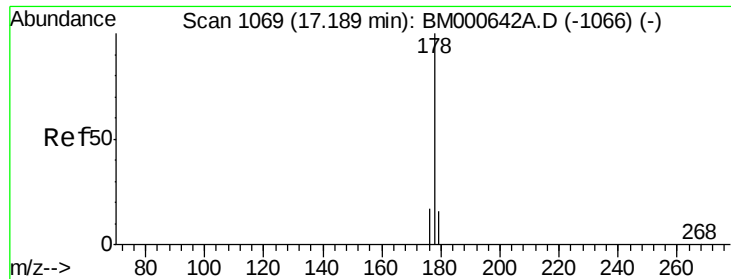
Tgt Ion: 266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 11.1 51.0 76.4#
 268 200.0 49.4 74.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000650.D
 Acq: 04 Mar 2015 15:59

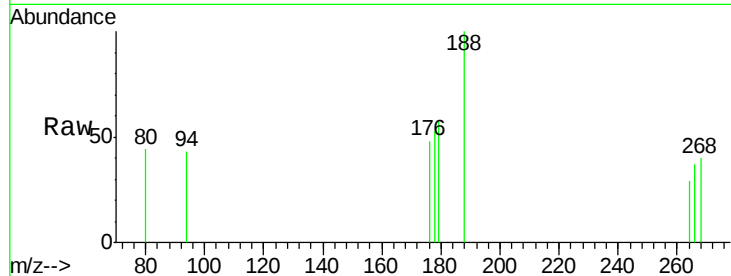
Tgt Ion: 178 Resp: 51
 Ion Ratio Lower Upper
 178 100
 176 81.9 14.8 22.2#
 179 98.9 12.7 19.1#



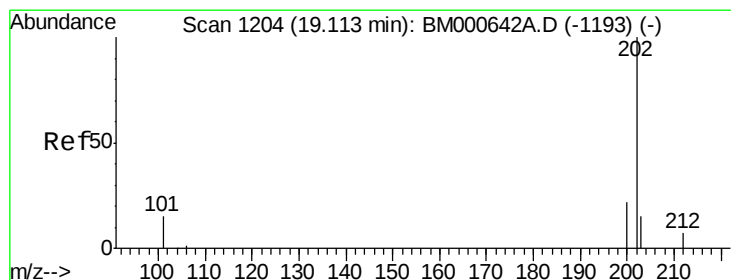
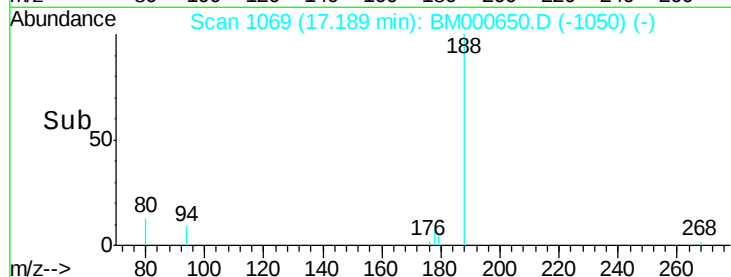
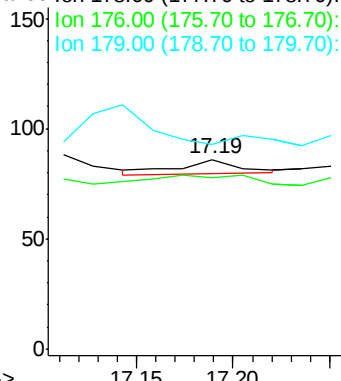


#15
 Anthracene
 Concen: 0.00 ng/ul
 RT: 17.19 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BM000650.D
 Acq: 04 Mar 2015 15:59

Tgt Ion:178 Resp: 15
 Ion Ratio Lower Upper
 178 100
 176 90.7 14.2 21.4#
 179 108.1 12.8 19.2#

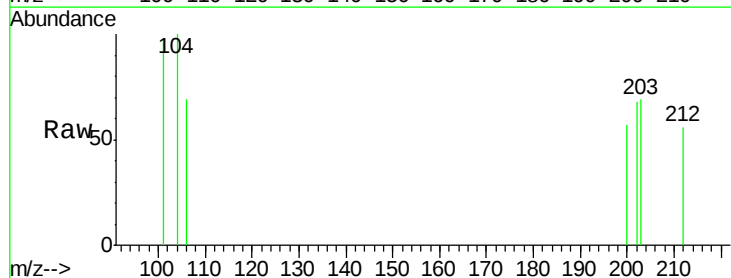


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

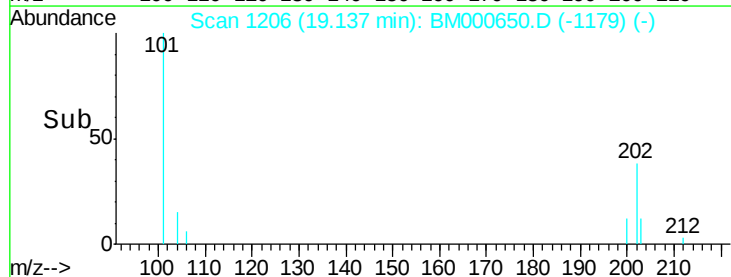
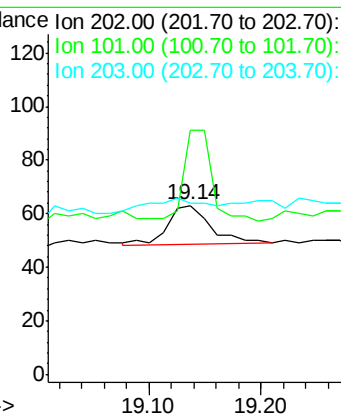


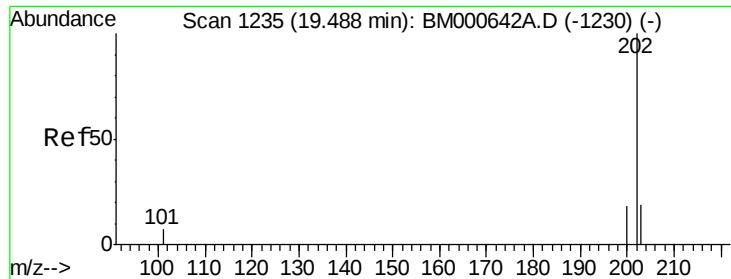
#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.14 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BM000650.D
 Acq: 04 Mar 2015 15:59

Tgt Ion:202 Resp: 40
 Ion Ratio Lower Upper
 202 100
 101 144.4 0.0 27.0#
 203 101.6 0.0 38.5#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.00 ng/ul

RT: 19.50 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BM000650.D

Acq: 04 Mar 2015 15:59

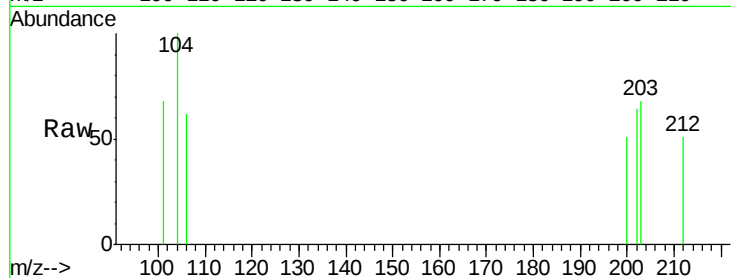
Tgt Ion: 202 Resp: 38

Ion Ratio Lower Upper

202 100

200 80.6 15.5 23.3#

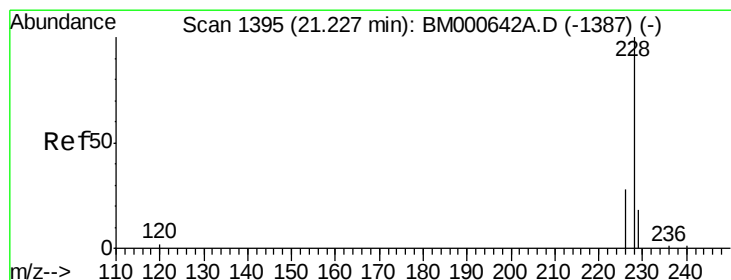
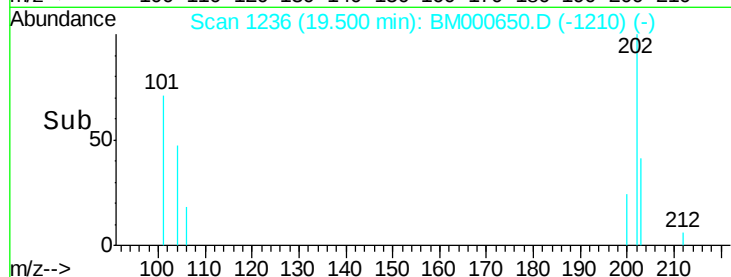
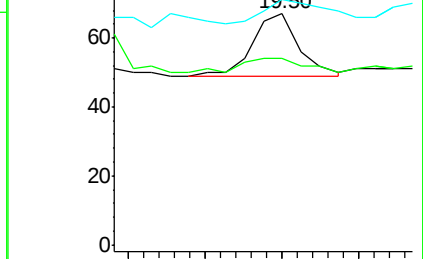
203 106.0 14.2 21.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.25 min Scan# 1397

Delta R.T. 0.02 min

Lab File: BM000650.D

Acq: 04 Mar 2015 15:59

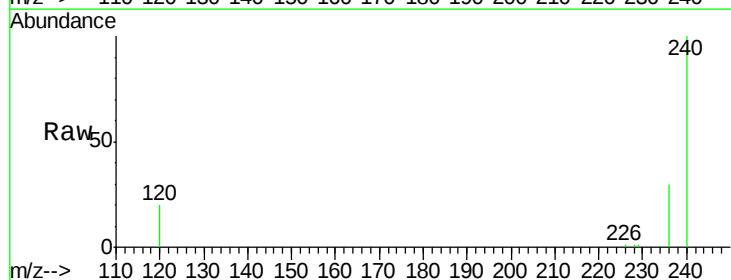
Tgt Ion: 228 Resp: 68

Ion Ratio Lower Upper

228 100

226 69.8 20.0 30.0#

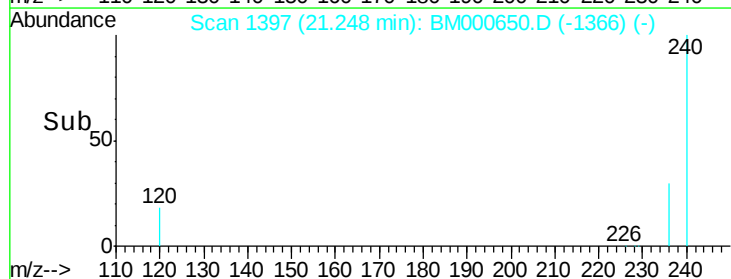
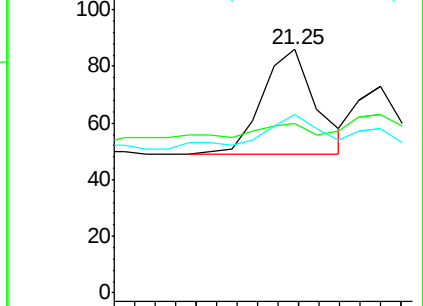
229 73.3 16.7 25.1#

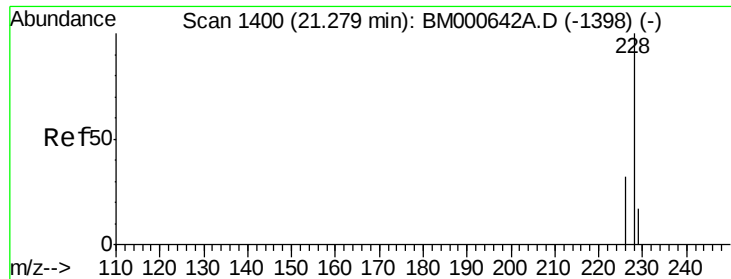


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

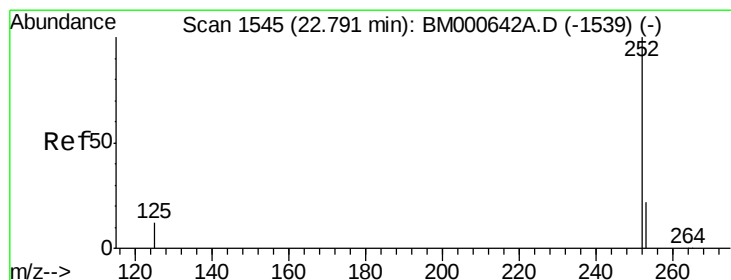
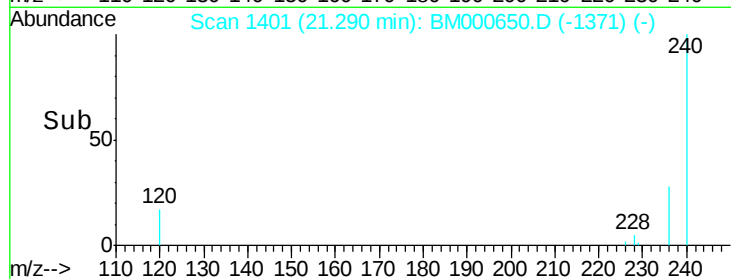
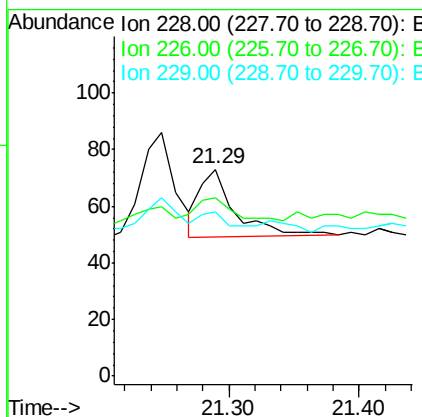
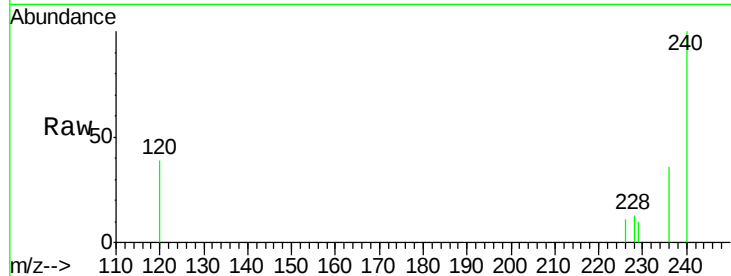
Ion 229.00 (228.70 to 229.70): E





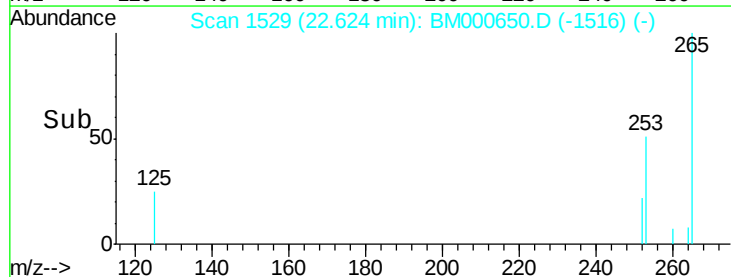
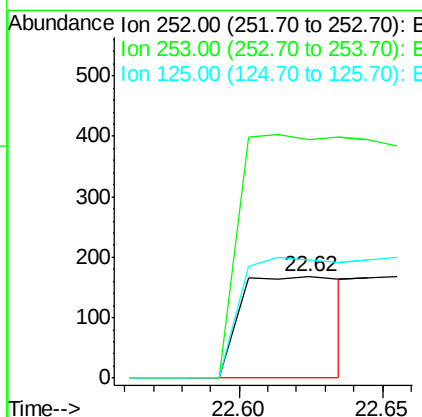
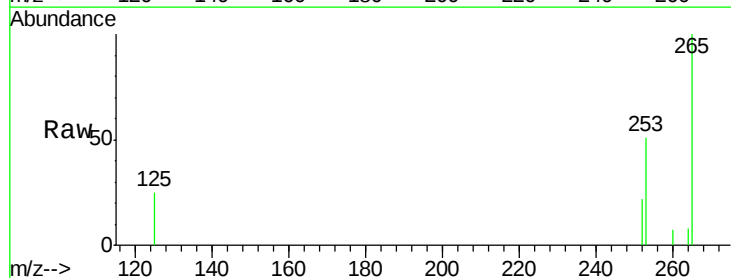
#21
Chrysene
Concen: 0.00 ng/ul
RT: 21.29 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BM000650.D
Acq: 04 Mar 2015 15:59

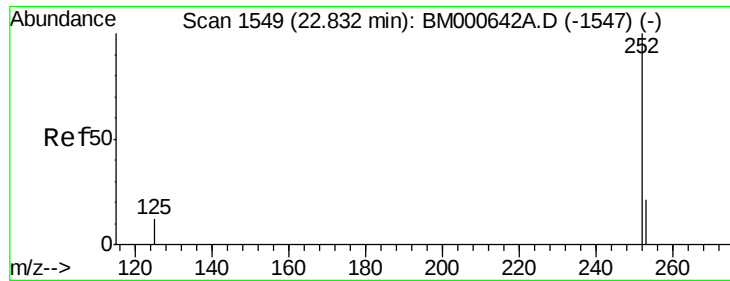
Tgt Ion: 228 Resp: 46
Ion Ratio Lower Upper
228 100
226 86.3 22.6 33.8#
229 79.5 16.4 24.6#



#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 22.62 min Scan# 1529
Delta R.T. -0.17 min
Lab File: BM000650.D
Acq: 04 Mar 2015 15:59

Tgt Ion: 252 Resp: 415
Ion Ratio Lower Upper
252 100
253 235.1 0.0 51.2#
125 116.7 0.0 30.0#





#24

Benzo(k)fluoranthene

Concen: 0.01 ng/u1

RT: 22.62 min Scan# 1529

Delta R.T. -0.21 min

Lab File: BM000650.D

Acq: 04 Mar 2015 15:59

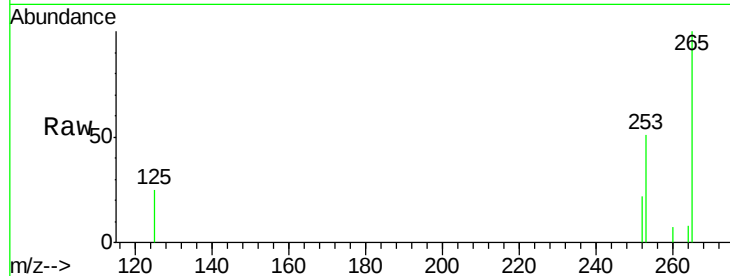
Tgt Ion: 252 Resp: 415

Ion Ratio Lower Upper

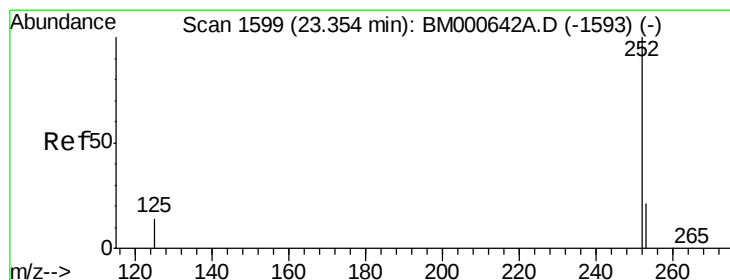
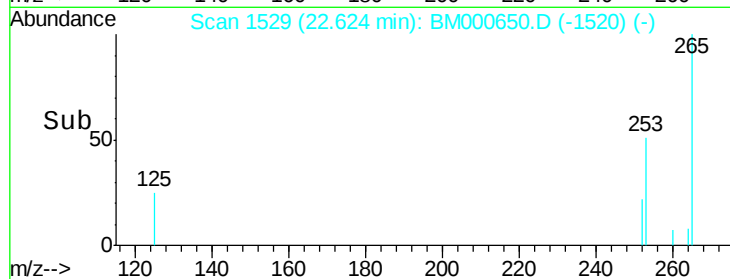
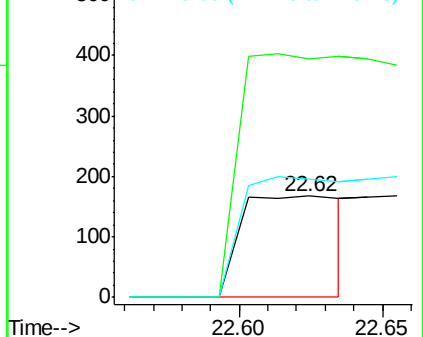
252 100

253 235.1 20.5 30.7#

125 116.7 11.8 17.6#



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



#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.34 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BM000650.D

Acq: 04 Mar 2015 15:59

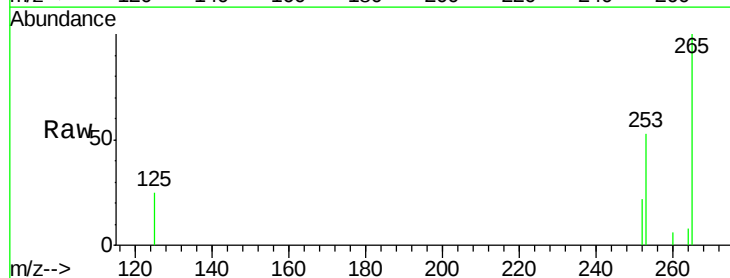
Tgt Ion: 252 Resp: 26

Ion Ratio Lower Upper

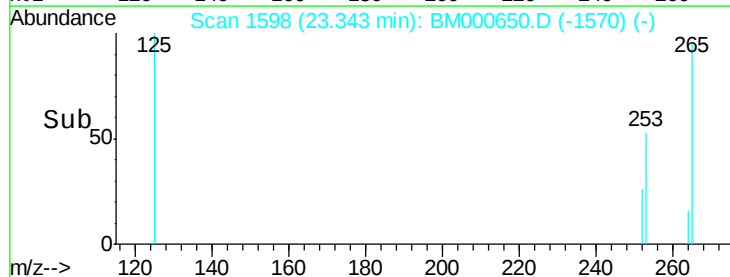
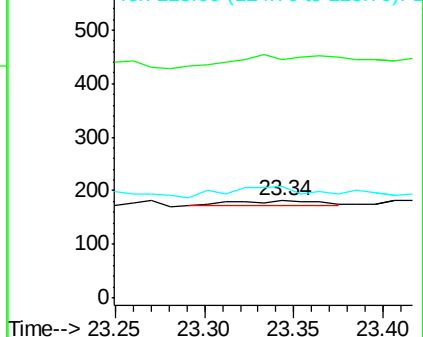
252 100

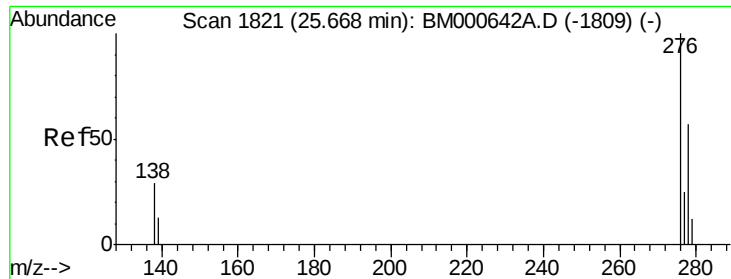
253 245.3 23.4 35.0#

125 114.9 12.2 18.4#



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

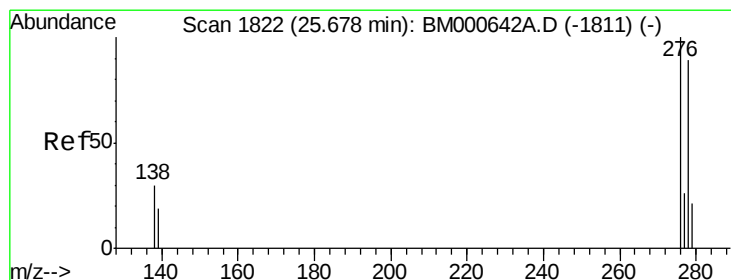
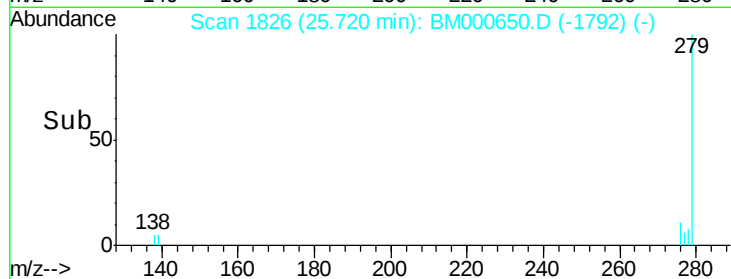
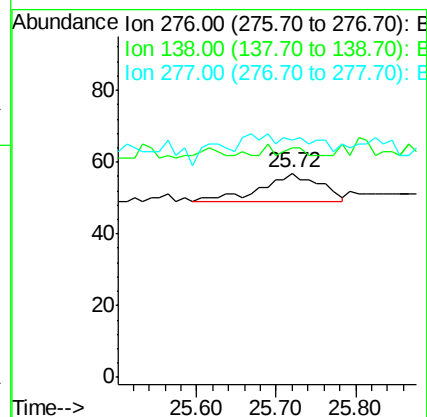
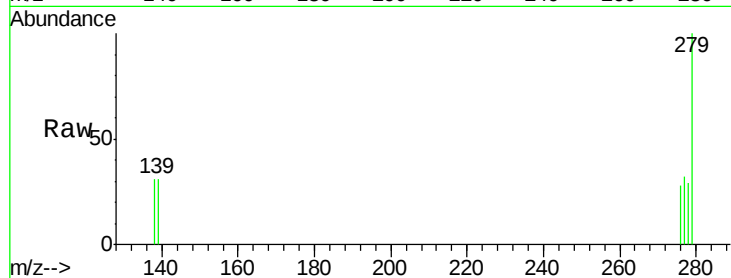




#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.72 min Scan# 1826
Delta R.T. 0.05 min
Lab File: BM000650.D
Acq: 04 Mar 2015 15:59

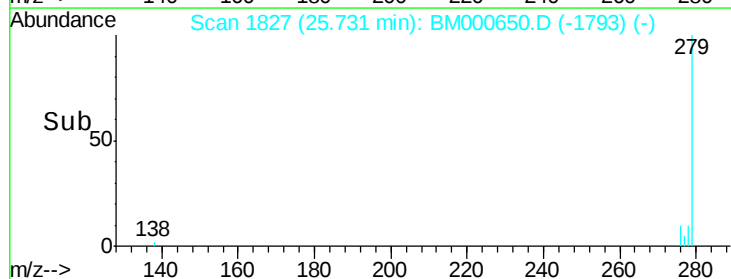
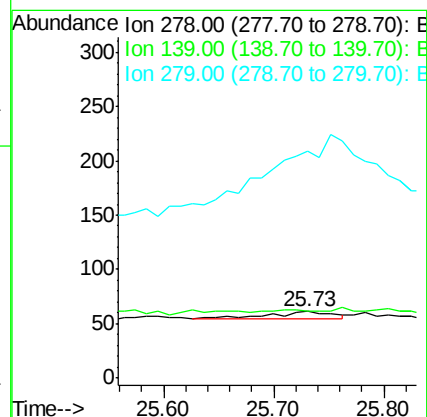
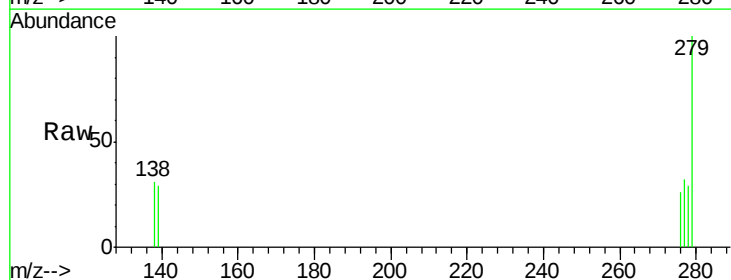
Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	23.8	35.8#
277	0.0	19.7	29.5#

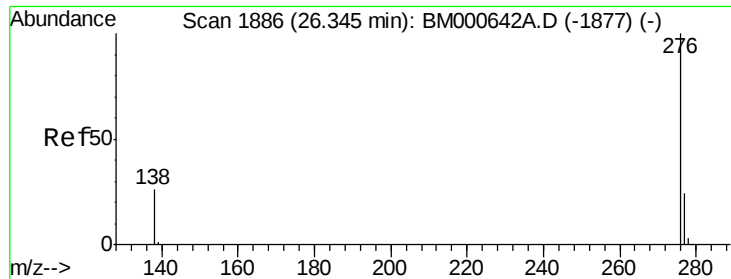


#27

Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.73 min Scan# 1827
Delta R.T. 0.05 min
Lab File: BM000650.D
Acq: 04 Mar 2015 15:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	100.0	17.0	25.6#
279	342.6	22.3	33.5#





#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: BM000650.D

Acq: 04 Mar 2015 15:59

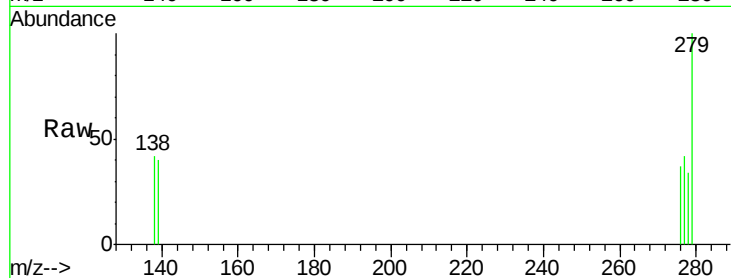
Tgt Ion: 276 Resp: 40

Ion Ratio Lower Upper

276 100

277 112.3 19.9 29.9#

138 114.0 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

