

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000646.D
 Acq On : 04 Mar 2015 13:36
 Operator : TP/IZ
 Sample : MDL-03-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 04 23:33:31 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	5240	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18974	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.31	164	8709	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	22491	0.40	ng/ul	0.02
18) Chrysene-d12	21.26	240	14337	0.40	ng/ul	0.01
22) Perylene-d12	23.46	264	10531	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	7923	2.07	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.08	152	2	0.00	ng/ul	0.03
16) Fluoranthene-d10	19.11	212	18	0.00	ng/ul	0.02

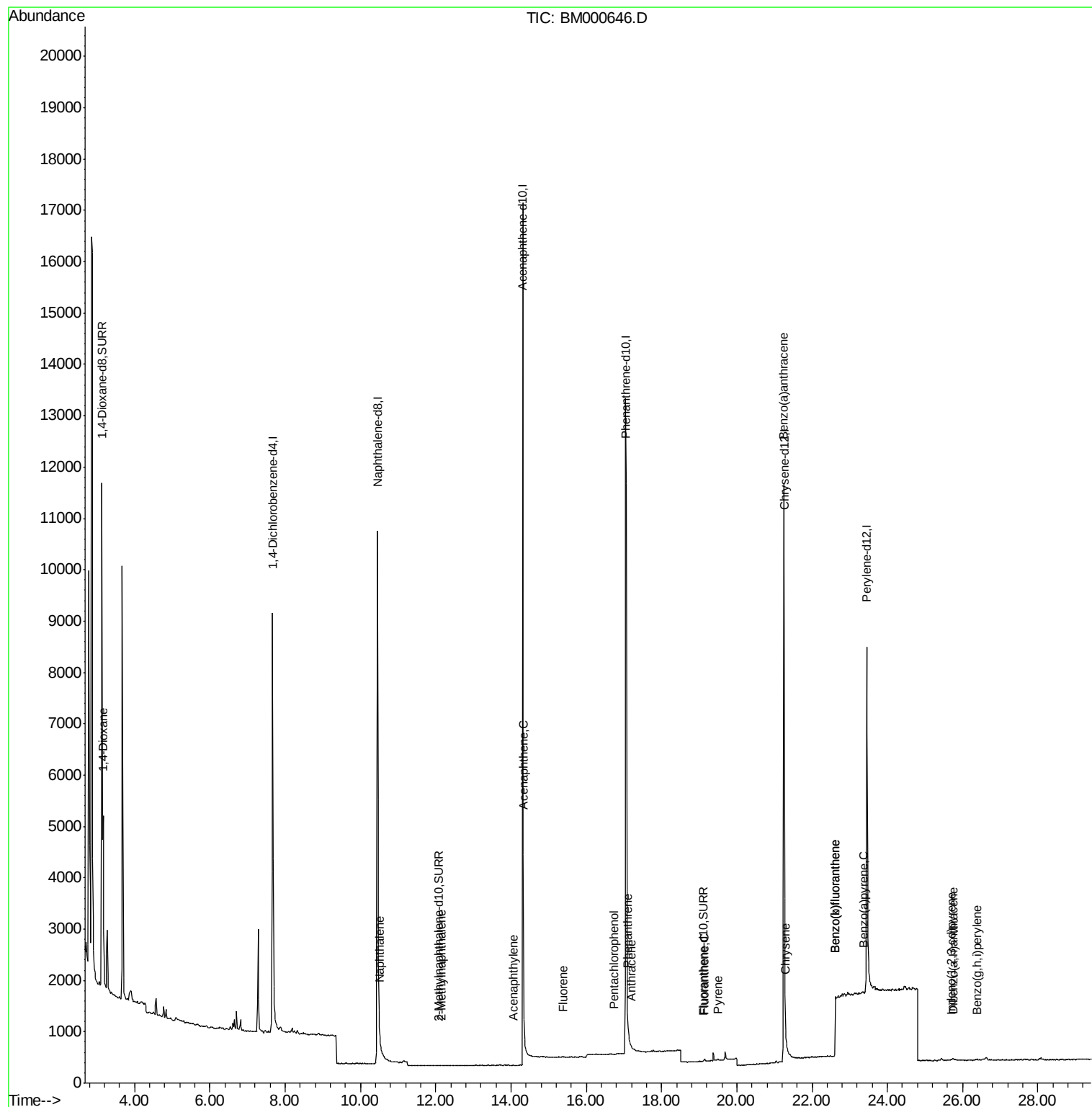
Target Compounds

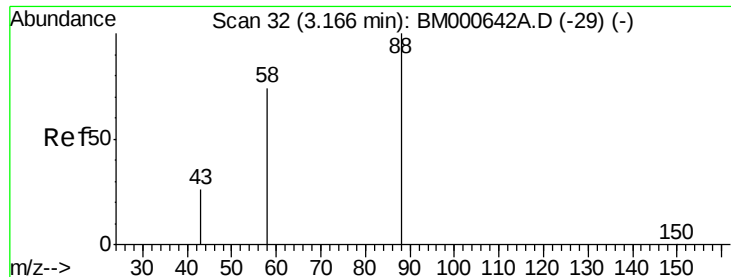
						Qvalue
3) 1,4-Dioxane	3.17	88	4679	0.79	ng/ul#	57
5) Naphthalene	10.50	128	36	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.15	142	8	0.00	ng/ul#	5
9) Acenaphthylene	14.05	152	13	0.00	ng/ul#	1
10) Acenaphthene	14.33	153	6	0.00	ng/ul#	70
11) Fluorene	15.38	166	18	0.00	ng/ul#	35
13) Pentachlorophenol	16.74	266	6	0.00	ng/ul	91
14) Phenanthrene	17.10	178	45	0.00	ng/ul#	1
15) Anthracene	17.19	178	15	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	45	0.00	ng/ul#	1
19) Pyrene	19.50	202	41	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	72	0.00	ng/ul#	2
21) Chrysene	21.29	228	51	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.61	252	419	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	22.61	252	419	0.01	ng/ul#	1
25) Benzo(a)pyrene	23.37	252	49	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.71	276	51	0.00	ng/ul#	63
27) Dibenzo(a,h)anthracene	25.74	278	31	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.38	276	49	0.00	ng/ul#	1

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
Data File : BM000646.D
Acq On : 04 Mar 2015 13:36
Operator : TP/IZ
Sample : MDL-03-W
Misc : MDL-WATER-0.4PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 04 23:33:31 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





#3

1,4-Dioxane

Concen: 0.79 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000646.D

Acq: 04 Mar 2015 13:36

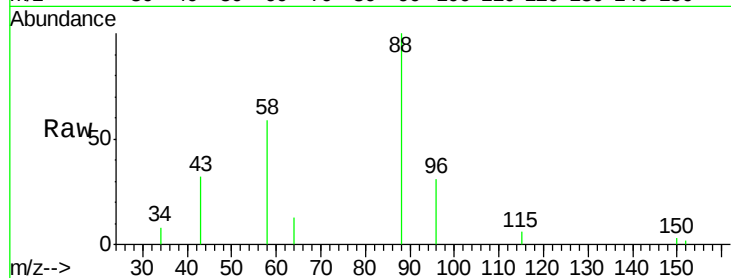
Tgt Ion: 88 Resp: 4679

Ion Ratio Lower Upper

88 100

58 38.3 55.4 83.2#

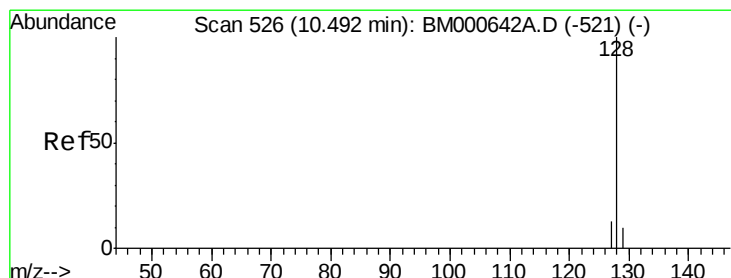
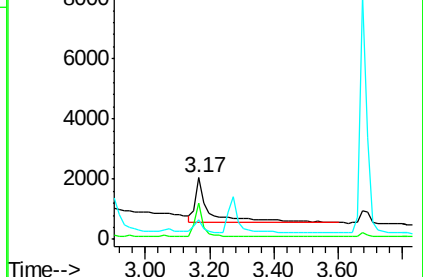
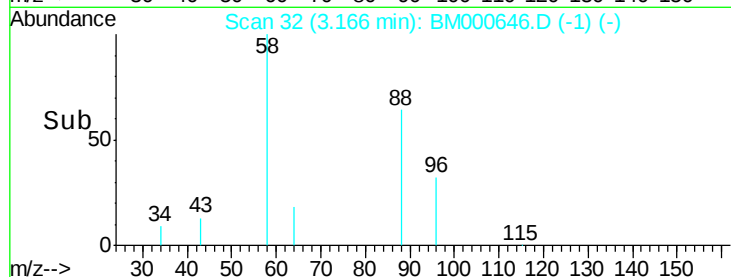
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000646.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM000646.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM000646.D (-1) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM000646.D

Acq: 04 Mar 2015 13:36

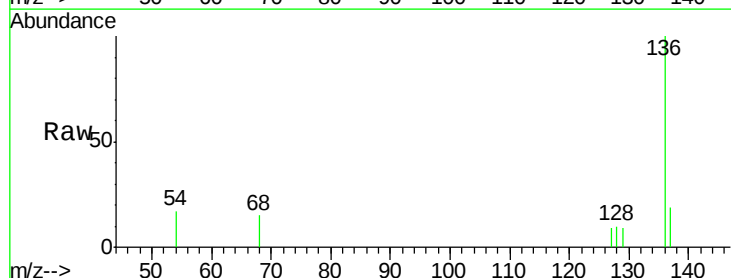
Tgt Ion: 128 Resp: 36

Ion Ratio Lower Upper

128 100

129 82.5 8.5 12.7#

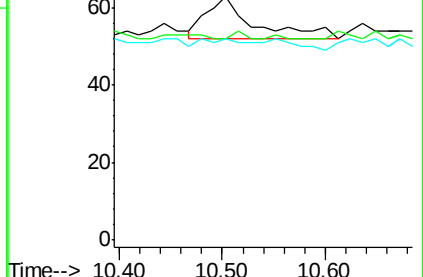
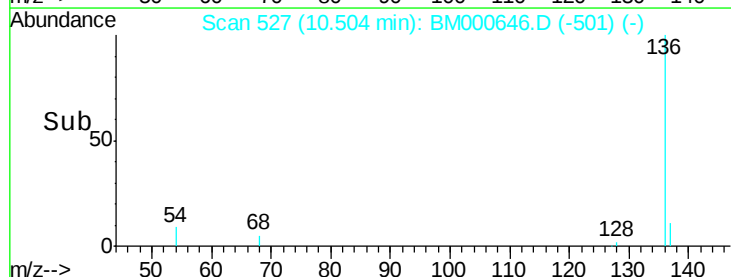
127 82.5 11.0 16.6#

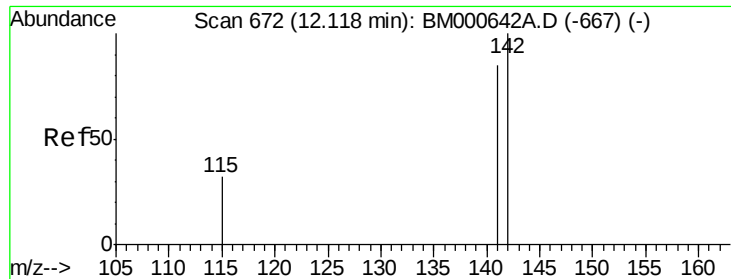


Abundance Ion 128.00 (127.70 to 128.70): BM000646.D (-501) (-)

Ion 129.00 (128.70 to 129.70): BM000646.D (-501) (-)

Ion 127.00 (126.70 to 127.70): BM000646.D (-501) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.15 min Scan# 675

Delta R.T. 0.03 min

Lab File: BM000646.D

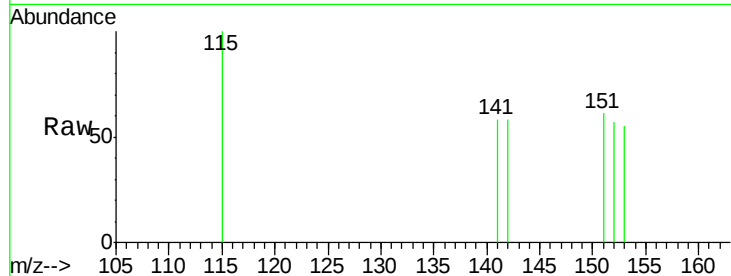
Acq: 04 Mar 2015 13:36

Tgt Ion:142 Resp: 8

Ion Ratio Lower Upper

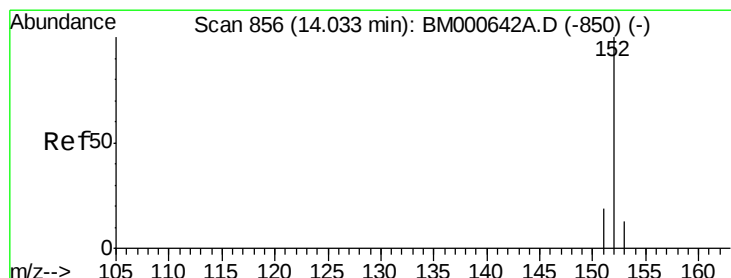
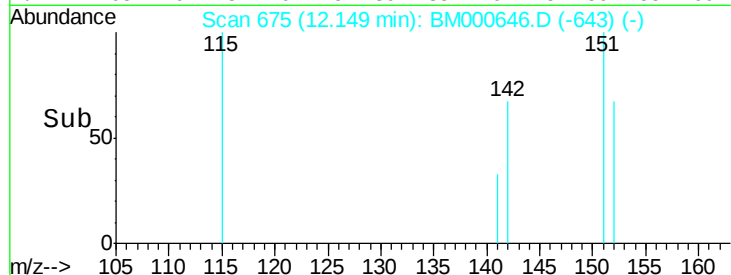
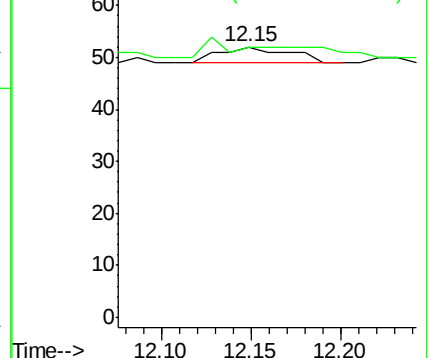
142 100

141 0.0 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: 14.05 min Scan# 858

Delta R.T. 0.02 min

Lab File: BM000646.D

Acq: 04 Mar 2015 13:36

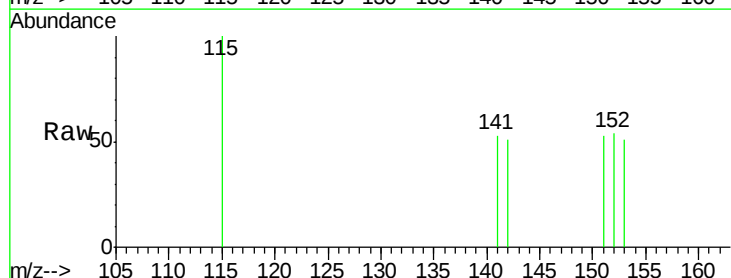
Tgt Ion:152 Resp: 13

Ion Ratio Lower Upper

152 100

151 98.1 16.0 24.0#

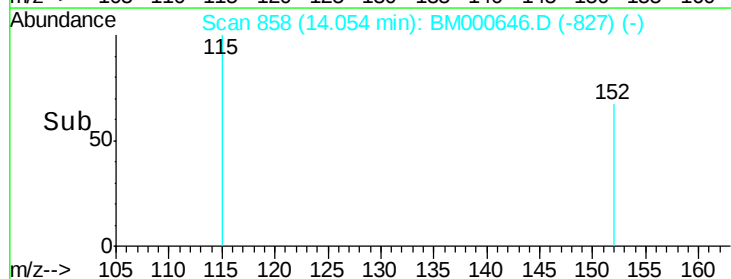
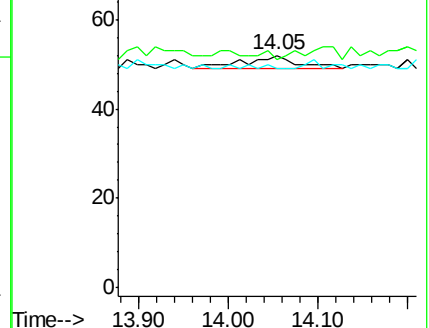
153 94.2 10.2 15.4#

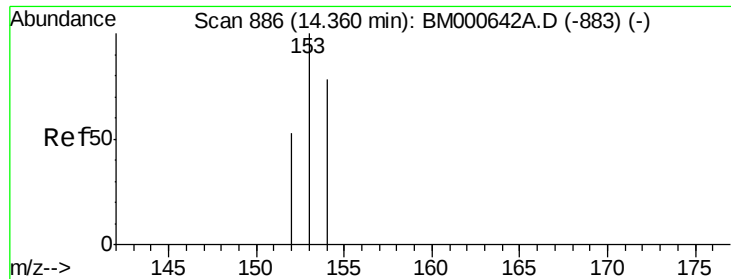


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.00 ng/ul

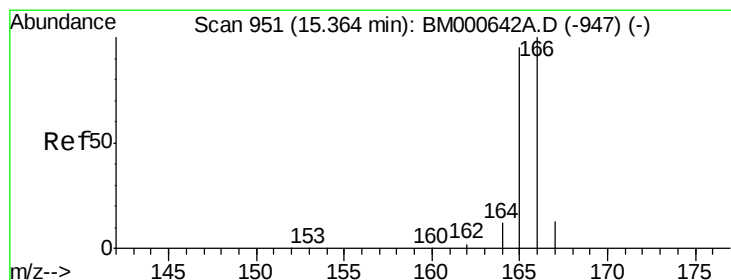
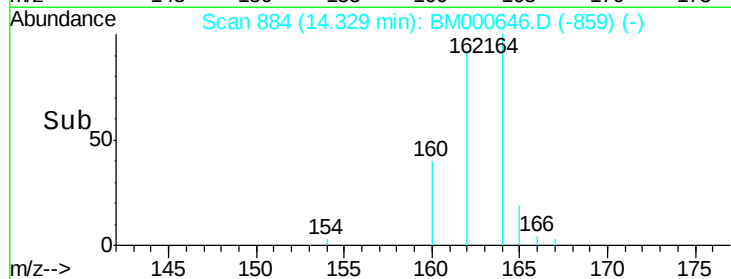
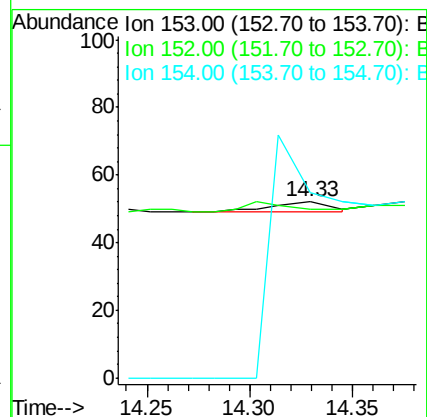
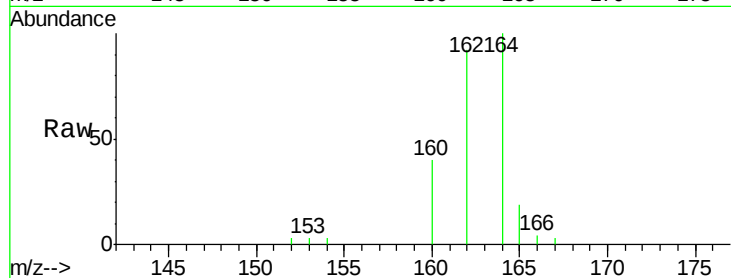
RT: 14.33 min Scan# 884

Delta R.T. -0.03 min

Lab File: BM000646.D

Acq: 04 Mar 2015 13:36

Tgt Ion:	153	Resp:	6
Ion	Ratio	Lower	Upper
153	100		
152	96.2	34.2	51.2#
154	105.8	78.8	118.2



#11

Fluorene

Concen: 0.00 ng/ul

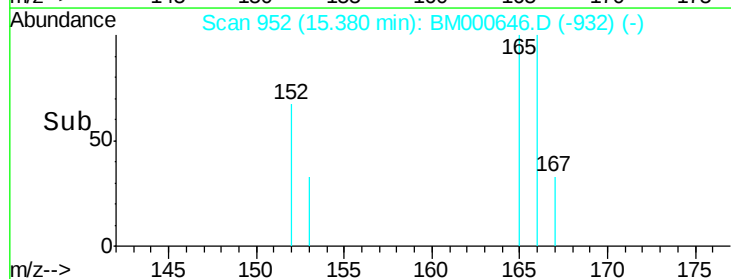
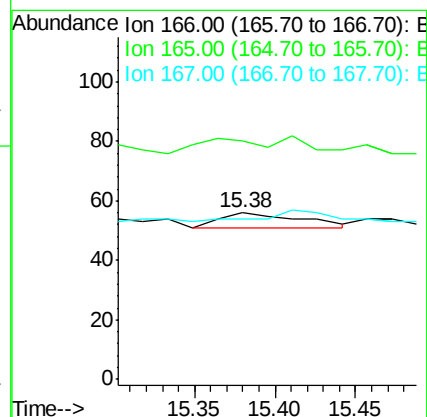
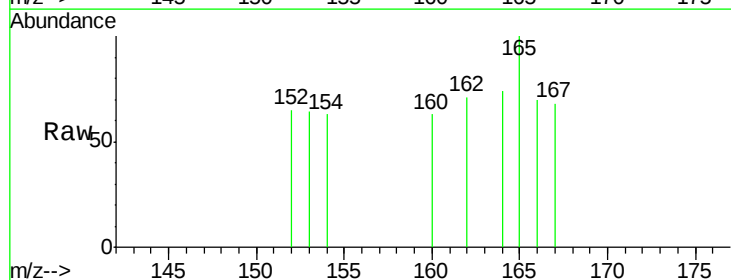
RT: 15.38 min Scan# 952

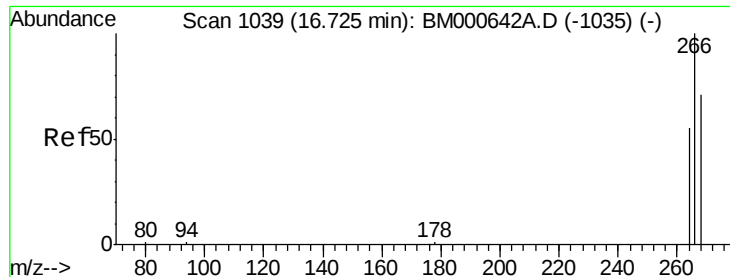
Delta R.T. 0.02 min

Lab File: BM000646.D

Acq: 04 Mar 2015 13:36

Tgt Ion:	166	Resp:	18
Ion	Ratio	Lower	Upper
166	100		
165	142.9	78.5	117.7#
167	96.4	10.6	16.0#

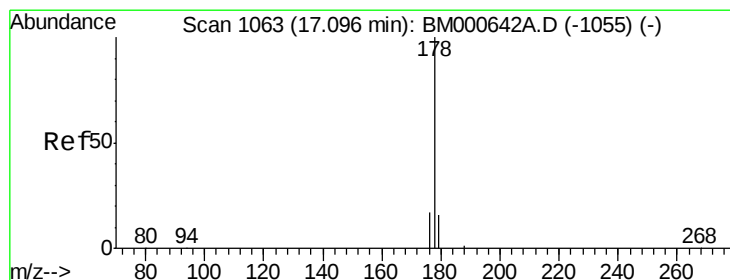
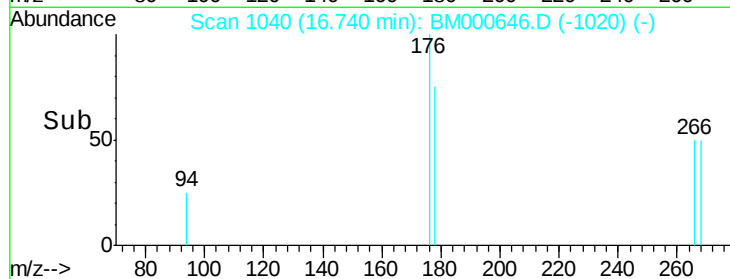
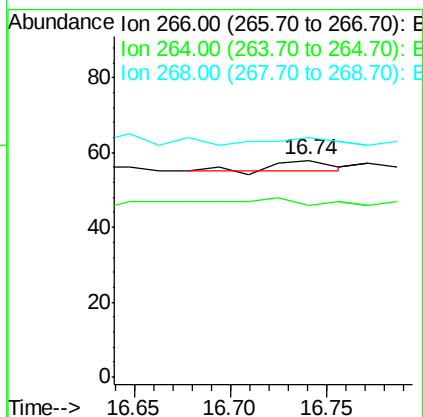
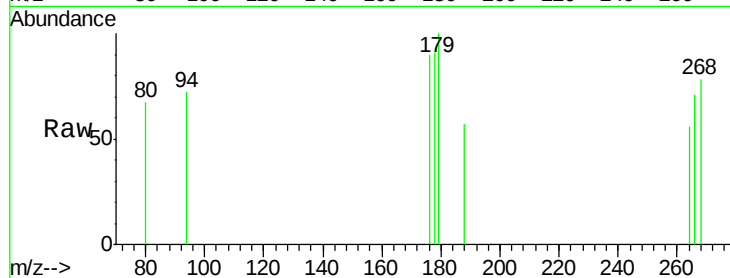




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.74 min Scan# 1040
 Delta R.T. 0.02 min
 Lab File: BM000646.D
 Acq: 04 Mar 2015 13:36

Tgt Ion: 266 Resp: 6

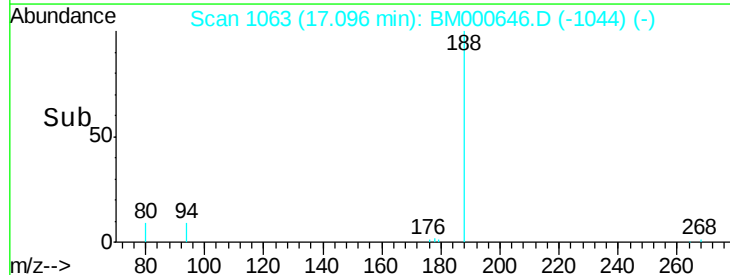
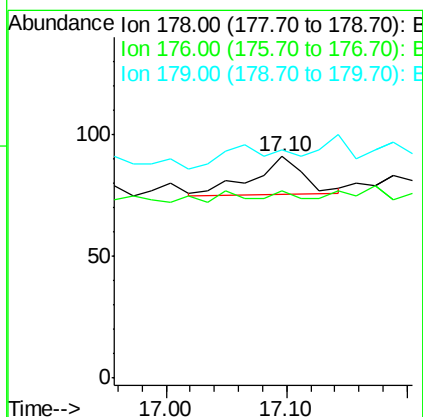
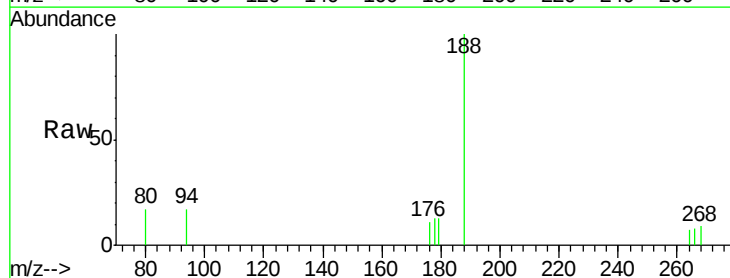
Ion	Ratio	Lower	Upper
266	100		
264	66.7	51.0	76.4
268	50.0	49.4	74.2

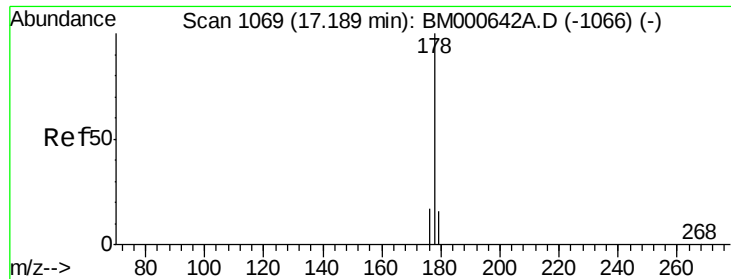


#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000646.D
 Acq: 04 Mar 2015 13:36

Tgt Ion: 178 Resp: 45

Ion	Ratio	Lower	Upper
178	100		
176	84.6	14.8	22.2#
179	103.3	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: BM000646.D

Acq: 04 Mar 2015 13:36

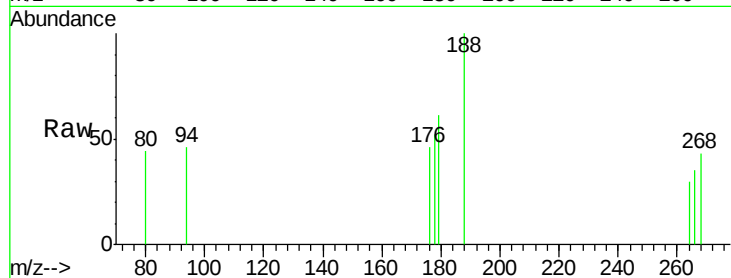
Tgt Ion:178 Resp: 15

Ion Ratio Lower Upper

178 100

176 88.0 14.2 21.4#

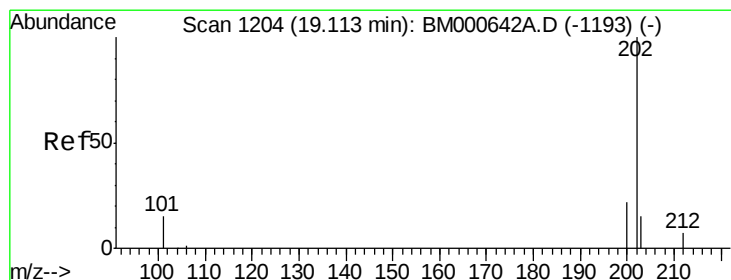
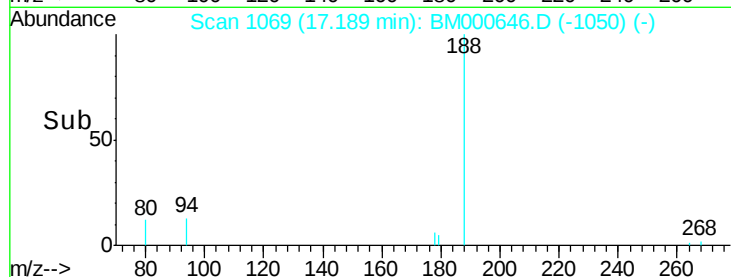
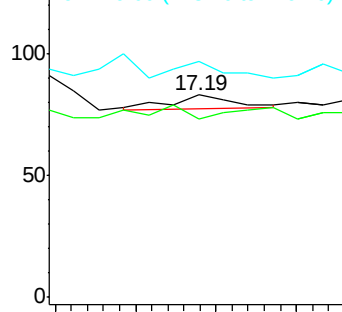
179 116.9 12.8 19.2#



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: BM000646.D

Acq: 04 Mar 2015 13:36

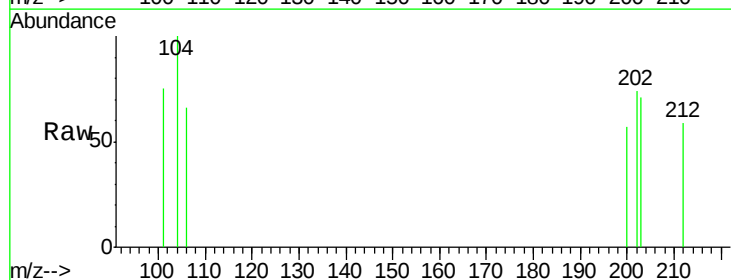
Tgt Ion:202 Resp: 45

Ion Ratio Lower Upper

202 100

101 101.5 0.0 27.0#

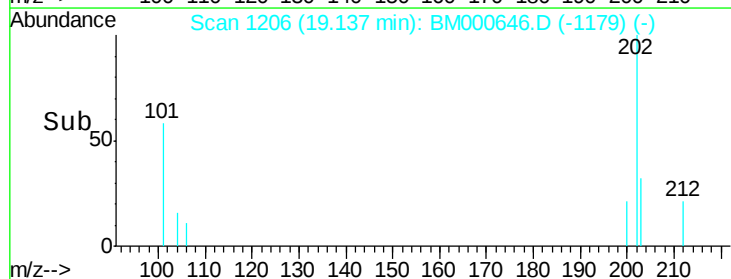
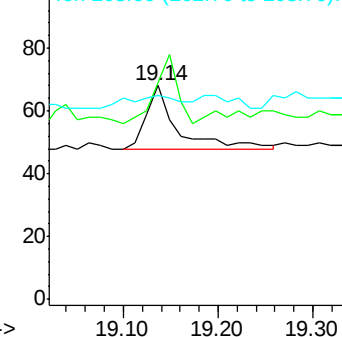
203 95.6 0.0 38.5#

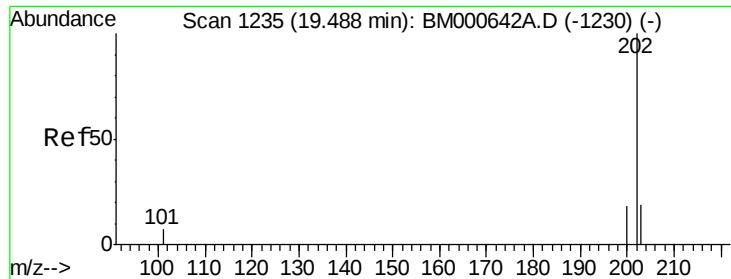


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM000646.D

Acq: 04 Mar 2015 13:36

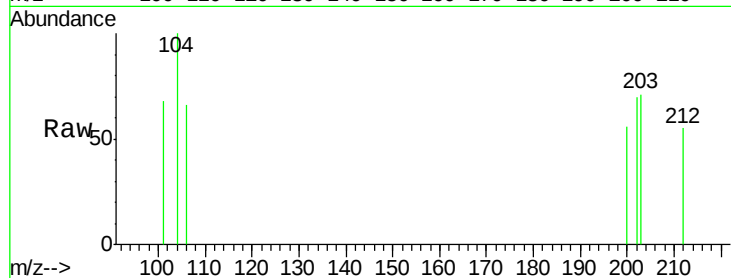
Tgt Ion: 202 Resp: 41

Ion Ratio Lower Upper

202 100

200 79.4 15.5 23.3#

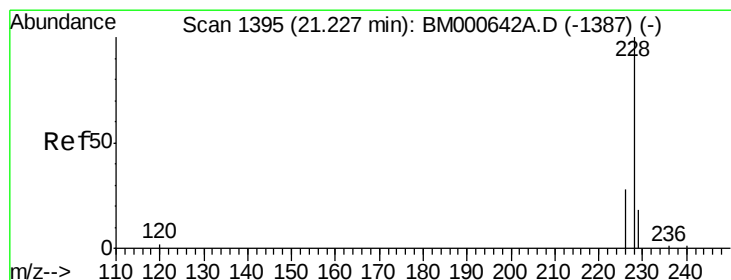
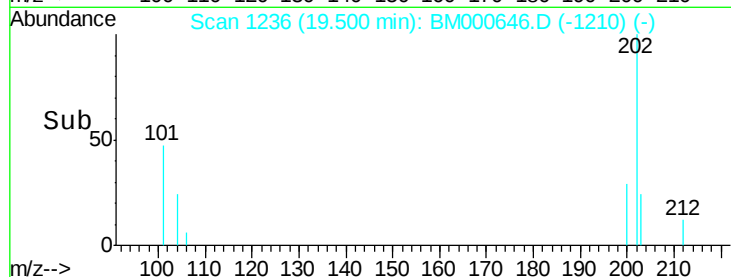
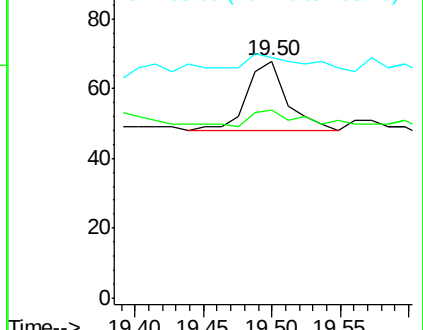
203 101.5 14.2 21.2#



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: BM000646.D

Acq: 04 Mar 2015 13:36

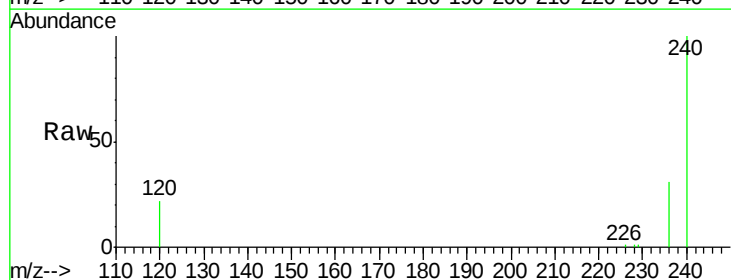
Tgt Ion: 228 Resp: 72

Ion Ratio Lower Upper

228 100

226 68.6 20.0 30.0#

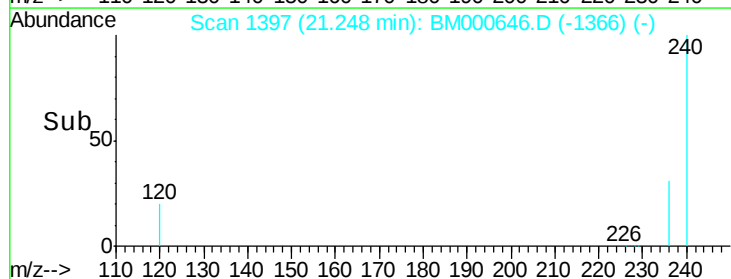
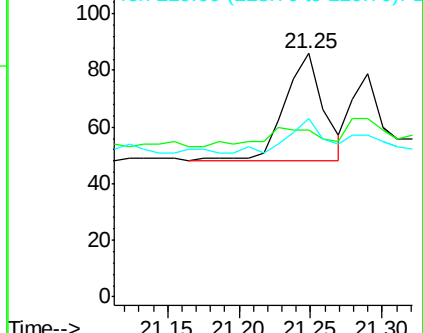
229 73.3 16.7 25.1#

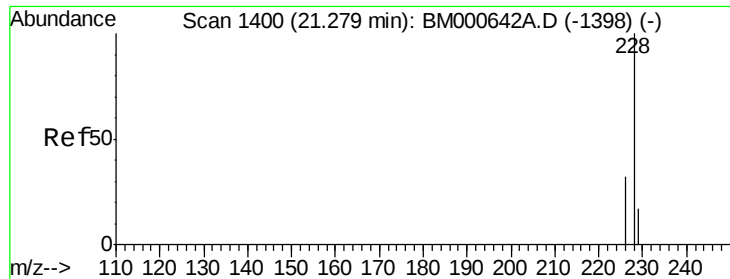


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

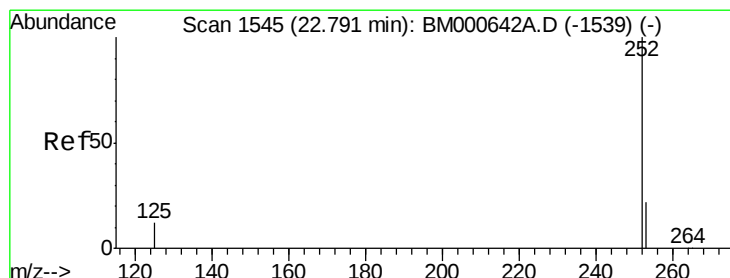
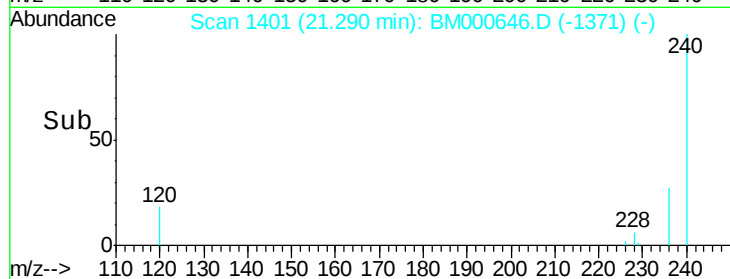
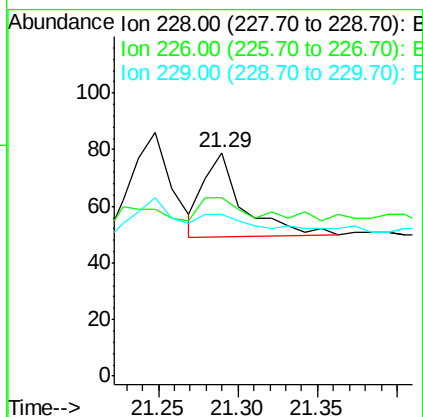
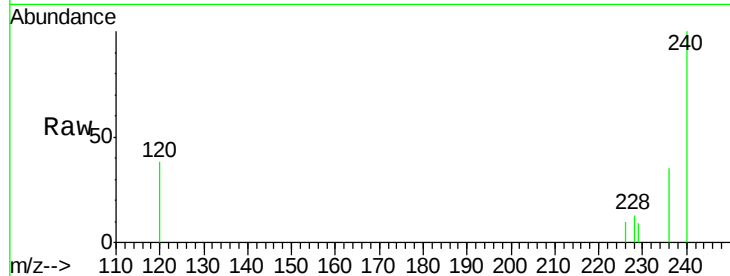
Ion 229.00 (228.70 to 229.70): E





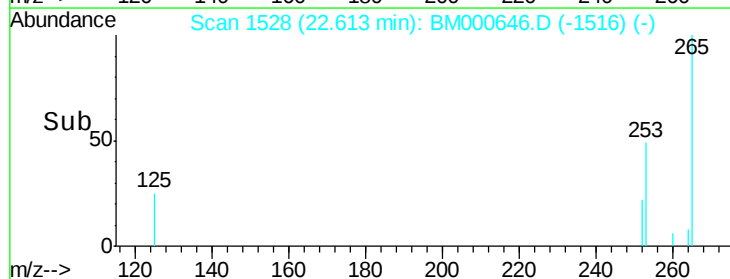
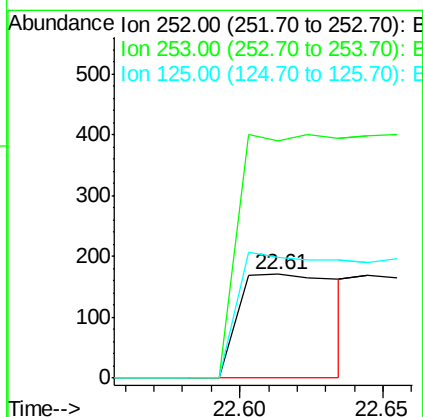
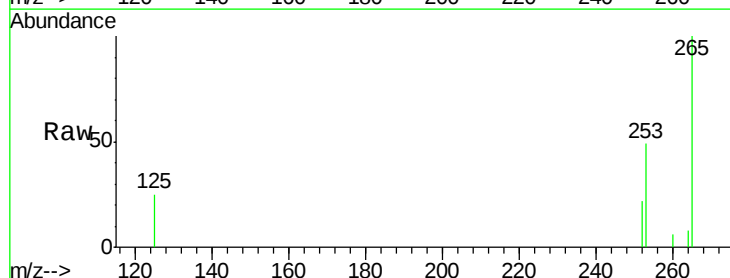
#21
Chrysene
Concen: 0.00 ng/ul
RT: 21.29 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BM000646.D
Acq: 04 Mar 2015 13:36

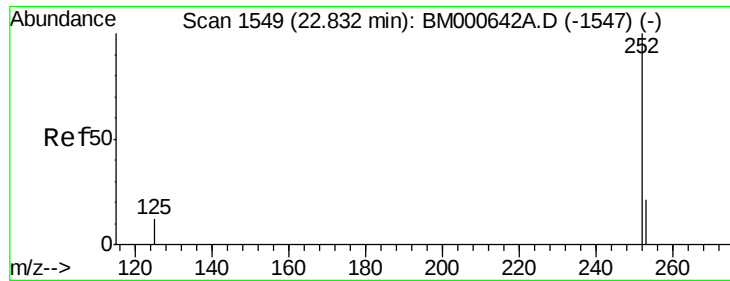
Tgt Ion: 228 Resp: 51
Ion Ratio Lower Upper
228 100
226 79.7 22.6 33.8#
229 72.2 16.4 24.6#



#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 22.61 min Scan# 1528
Delta R.T. -0.18 min
Lab File: BM000646.D
Acq: 04 Mar 2015 13:36

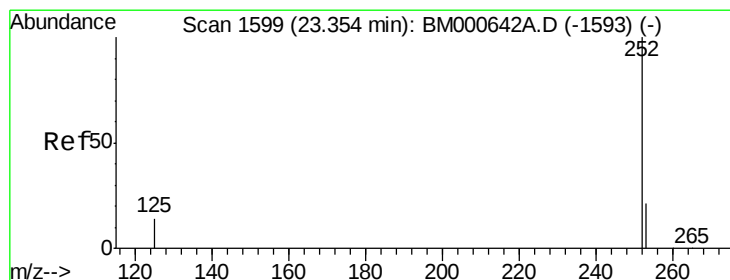
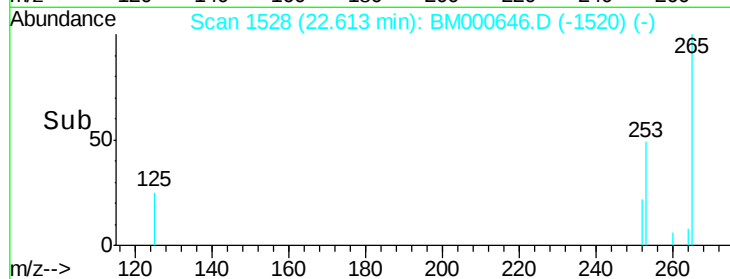
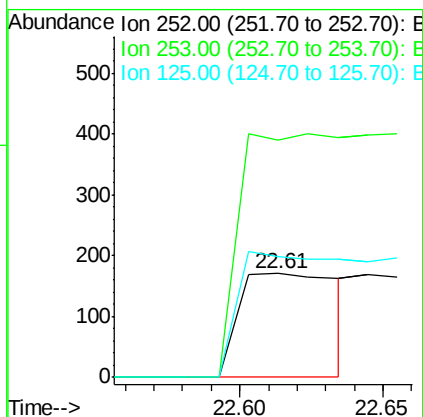
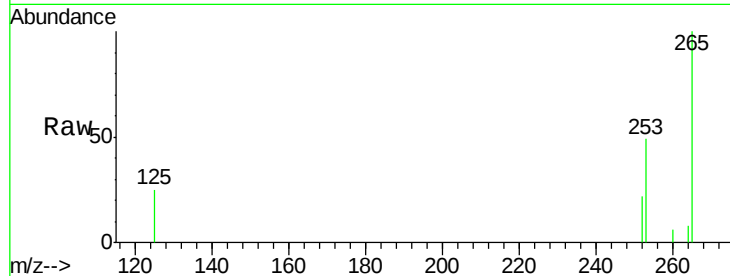
Tgt Ion: 252 Resp: 419
Ion Ratio Lower Upper
252 100
253 228.7 0.0 51.2#
125 115.8 0.0 30.0#





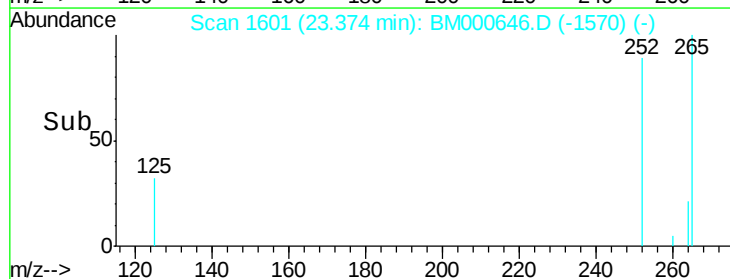
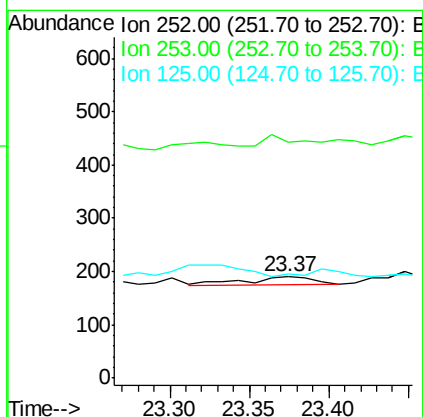
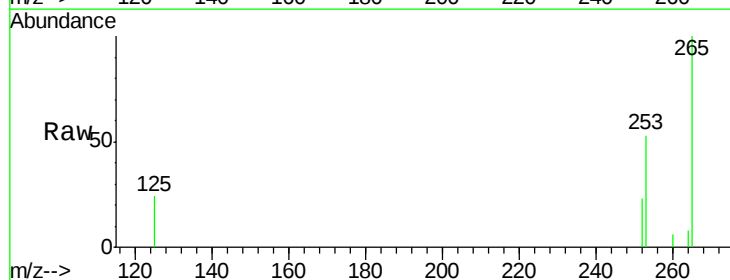
#24
Benzo(k)fluoranthene
Concen: 0.01 ng/u1
RT: 22.61 min Scan# 1528
Delta R.T. -0.22 min
Lab File: BM000646.D
Acq: 04 Mar 2015 13:36

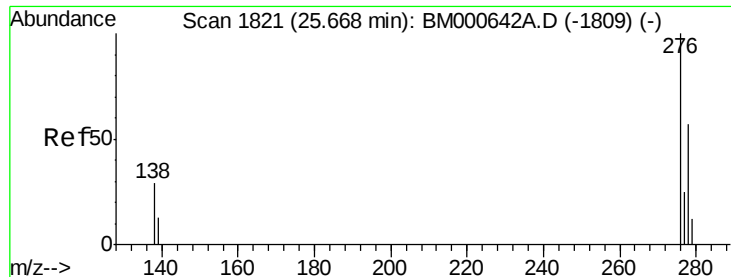
Tgt Ion: 252 Resp: 419
Ion Ratio Lower Upper
252 100
253 228.7 20.5 30.7#
125 115.8 11.8 17.6#



#25
Benzo(a)pyrene
Concen: 0.00 ng/u1
RT: 23.37 min Scan# 1601
Delta R.T. 0.02 min
Lab File: BM000646.D
Acq: 04 Mar 2015 13:36

Tgt Ion: 252 Resp: 49
Ion Ratio Lower Upper
252 100
253 233.2 23.4 35.0#
125 103.2 12.2 18.4#

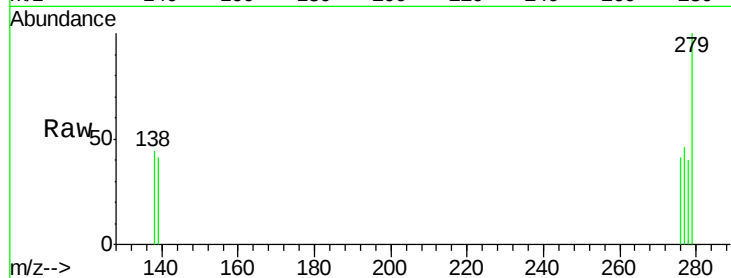




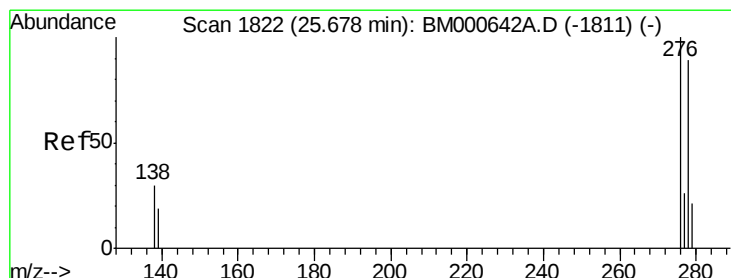
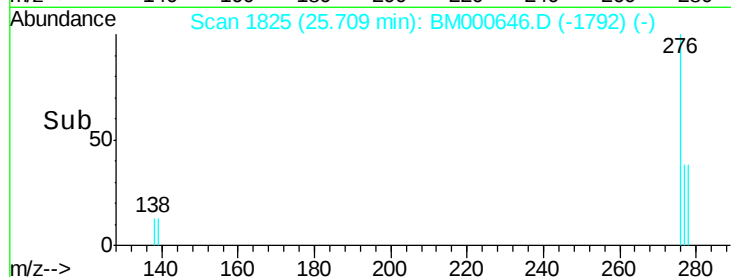
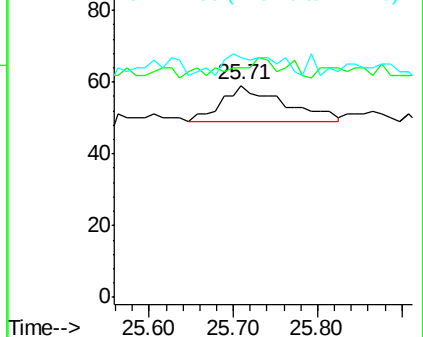
#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.71 min Scan# 1825
Delta R.T. 0.04 min
Lab File: BM000646.D
Acq: 04 Mar 2015 13:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.8	35.8#
277	17.6	19.7	29.5#



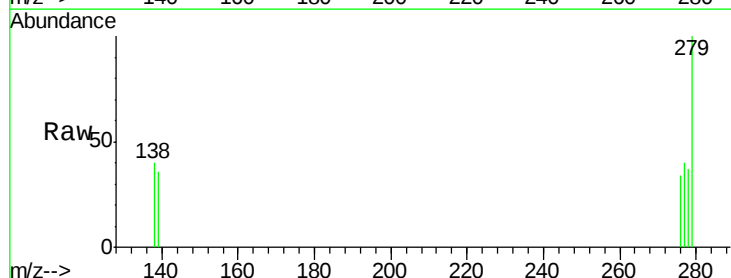
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



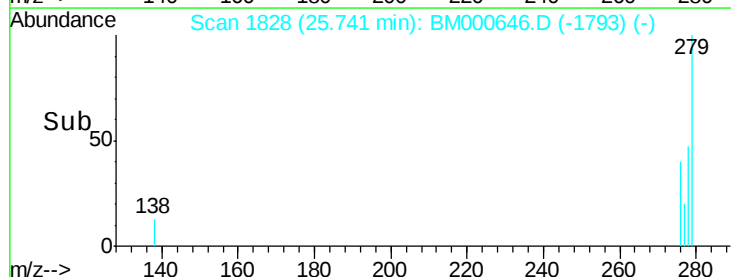
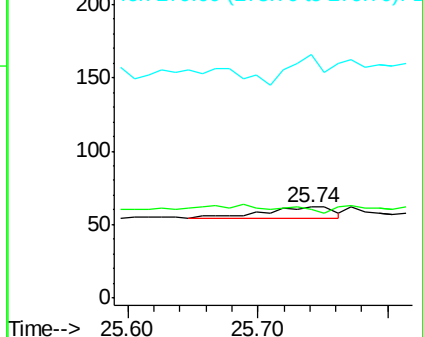
#27

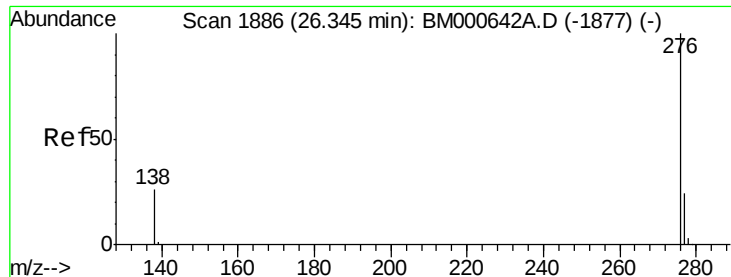
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.74 min Scan# 1828
Delta R.T. 0.06 min
Lab File: BM000646.D
Acq: 04 Mar 2015 13:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	96.8	17.0	25.6#
279	267.7	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: 26.38 min Scan# 1889

Delta R.T. 0.03 min

Lab File: BM000646.D

Acq: 04 Mar 2015 13:36

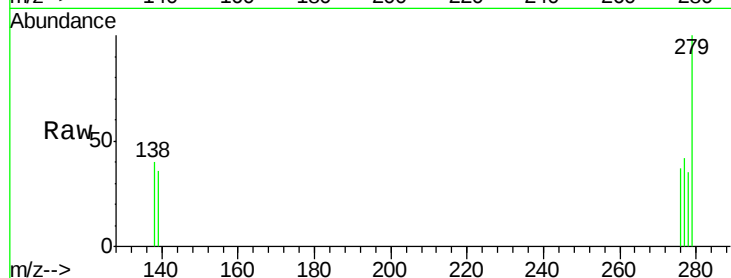
Tgt Ion: 276 Resp: 49

Ion Ratio Lower Upper

276 100

277 111.9 19.9 29.9#

138 108.5 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

