

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000643.D
 Acq On : 04 Mar 2015 11:49
 Operator : TP/IZ
 Sample : MDL-BLK-W
 Misc : MDL-WATER-BLK-SBLK30
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 04 23:32:56 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 23:23:46 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	5036	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18056	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.31	164	7946	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	22067	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	14948	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	11300	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	7870	2.14	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	3	0.00	ng/ul	0.00
16) Fluoranthene-d10	19.11	212	17	0.00	ng/ul	0.02

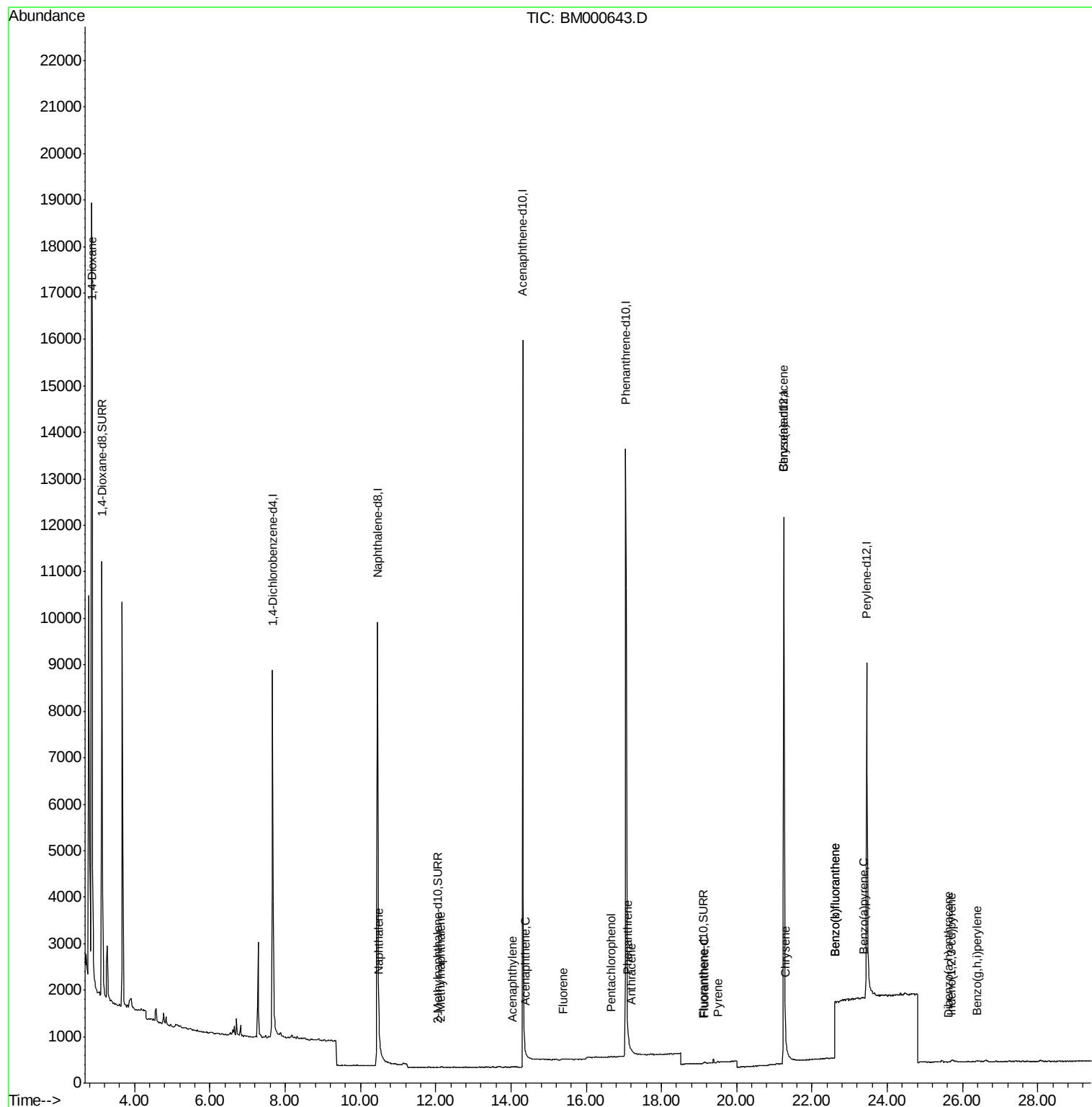
Target Compounds

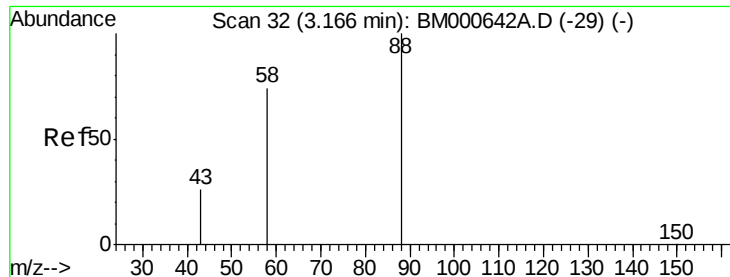
						Qvalue
3) 1,4-Dioxane	2.87	88	9854	1.73	ng/ul#	1
5) Naphthalene	10.49	128	37	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.14	142	7	0.00	ng/ul#	5
9) Acenaphthylene	14.03	152	20	0.00	ng/ul#	1
10) Acenaphthene	14.38	153	20	0.00	ng/ul#	73
11) Fluorene	15.38	166	31	0.00	ng/ul#	40
13) Pentachlorophenol	16.66	266	11	0.01	ng/ul#	57
14) Phenanthrene	17.10	178	54	0.00	ng/ul#	1
15) Anthracene	17.19	178	40	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	39	0.00	ng/ul#	1
19) Pyrene	19.50	202	38	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	81	0.00	ng/ul#	1
21) Chrysene	21.29	228	70	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.61	252	438	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	22.61	252	438	0.01	ng/ul#	1
25) Benzo(a)pyrene	23.36	252	41	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.69	276	32	0.00	ng/ul#	60
27) Dibenzo(a,h)anthracene	25.64	278	3	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.38	276	68	0.00	ng/ul#	1

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

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ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 04 23:32:56 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 23:23:46 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 1.73 ng/ul

RT: 2.87 min Scan# 13

Delta R.T. -0.29 min

Lab File: BM000643.D

Acq: 04 Mar 2015 11:49

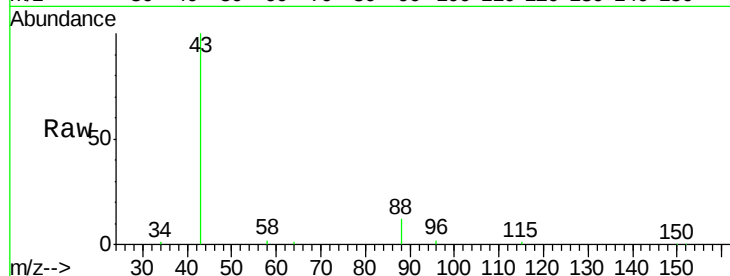
Tgt Ion: 88 Resp: 9854

Ion Ratio Lower Upper

88 100

58 3.9 55.4 83.2#

43 326.7 24.2 36.2#

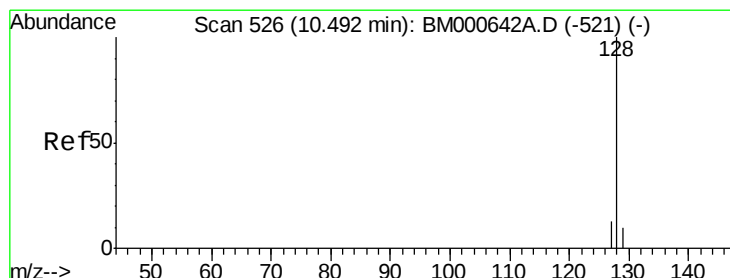
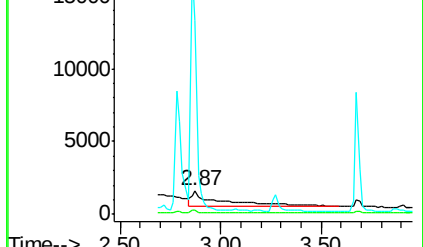
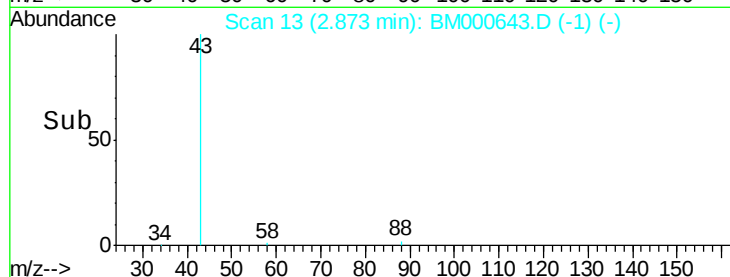


Abundance Ion 88.00 (87.70 to 88.70): BM000643.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM000643.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM000643.D (-1) (-)

Time-->



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM000643.D

Acq: 04 Mar 2015 11:49

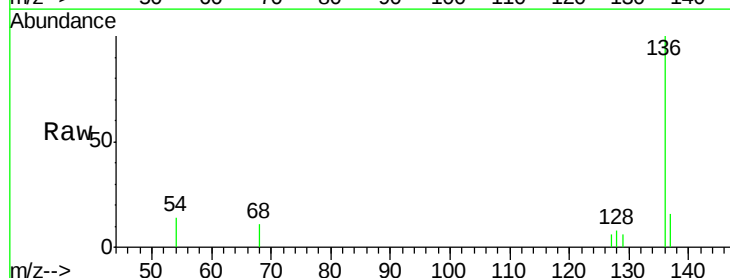
Tgt Ion: 128 Resp: 37

Ion Ratio Lower Upper

128 100

129 81.5 8.5 12.7#

127 81.5 11.0 16.6#

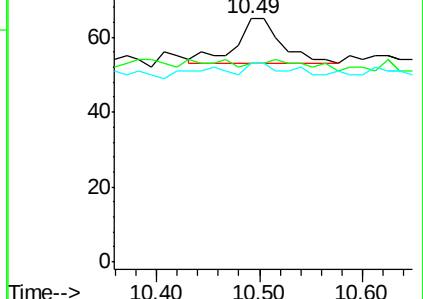
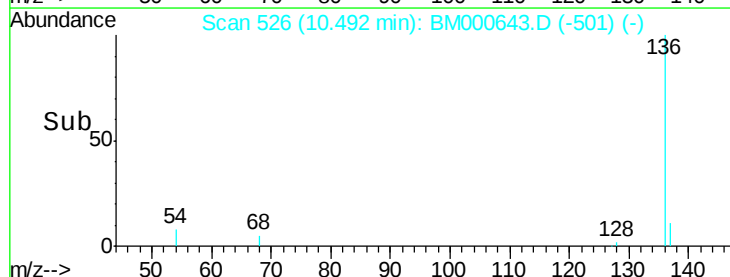


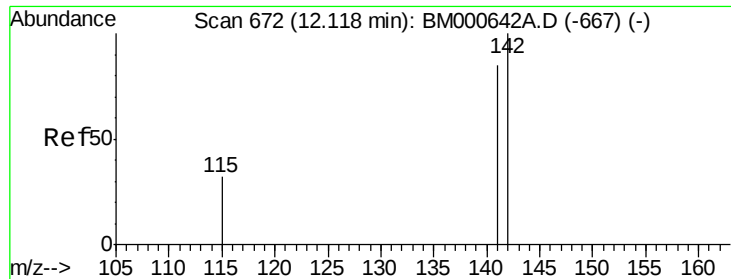
Abundance Ion 128.00 (127.70 to 128.70): BM000643.D (-501) (-)

Ion 129.00 (128.70 to 129.70): BM000643.D (-501) (-)

Ion 127.00 (126.70 to 127.70): BM000643.D (-501) (-)

Time-->





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.14 min Scan# 674

Delta R.T. 0.02 min

Lab File: BM000643.D

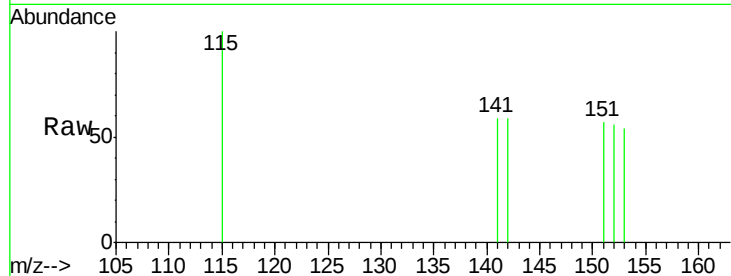
Acq: 04 Mar 2015 11:49

Tgt Ion:142 Resp: 7

Ion Ratio Lower Upper

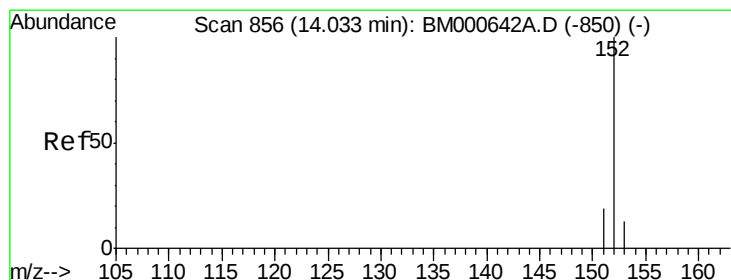
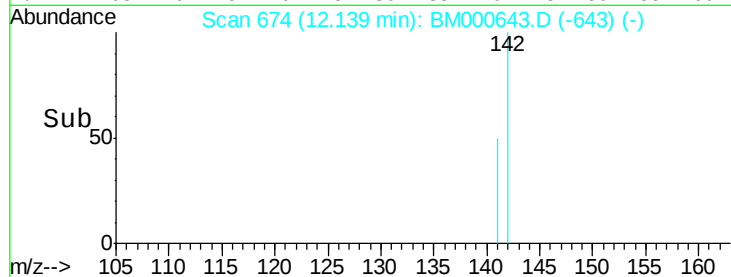
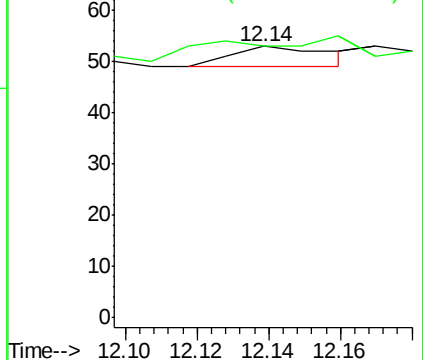
142 100

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: 14.03 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM000643.D

Acq: 04 Mar 2015 11:49

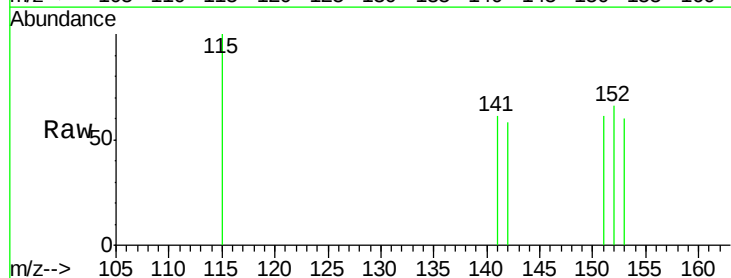
Tgt Ion:152 Resp: 20

Ion Ratio Lower Upper

152 100

151 92.9 16.0 24.0#

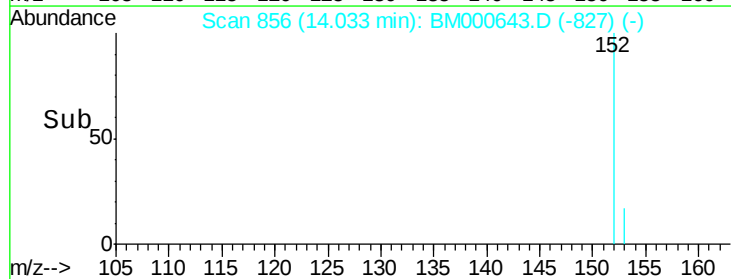
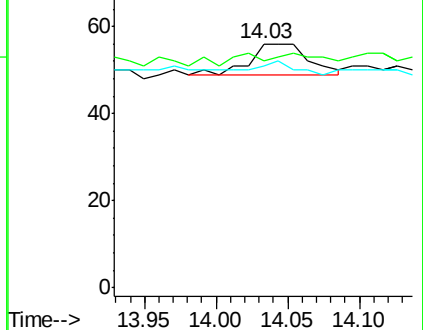
153 91.1 10.2 15.4#

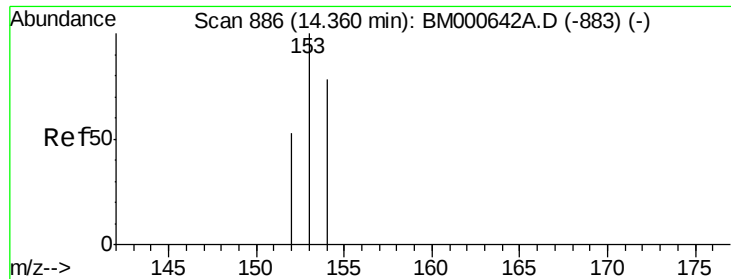


Abundance Ion 152.00 (151.70 to 152.70): E

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: BM000643.D

Acq: 04 Mar 2015 11:49

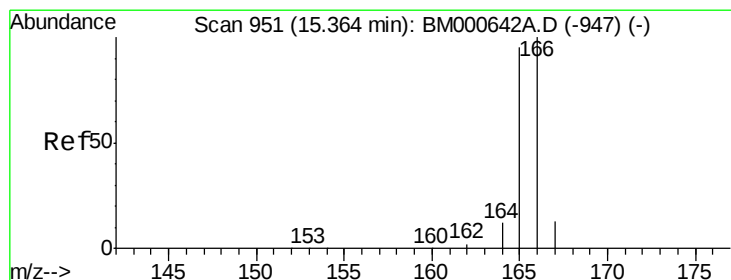
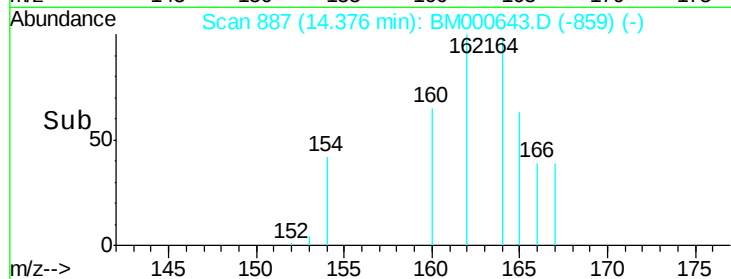
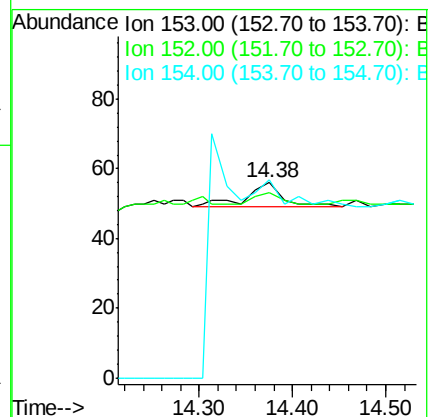
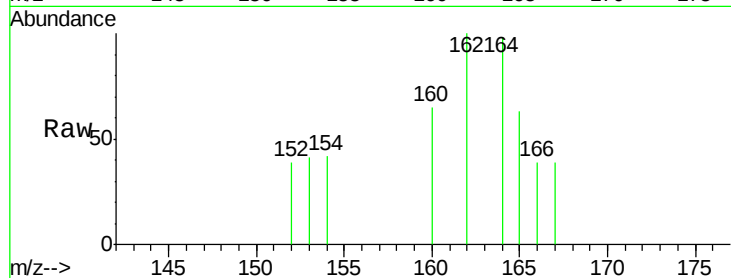
Tgt Ion:153 Resp: 20

Ion Ratio Lower Upper

153 100

152 94.6 34.2 51.2#

154 101.8 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: BM000643.D

Acq: 04 Mar 2015 11:49

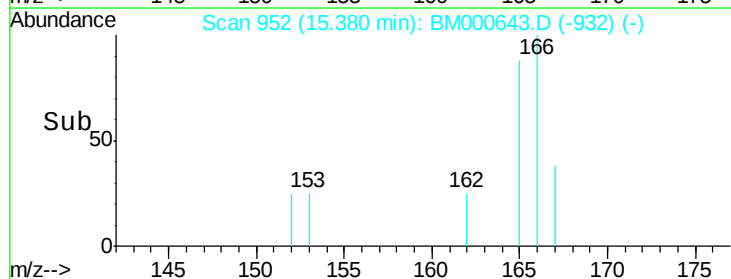
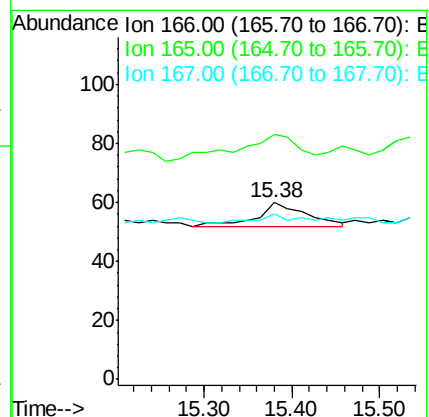
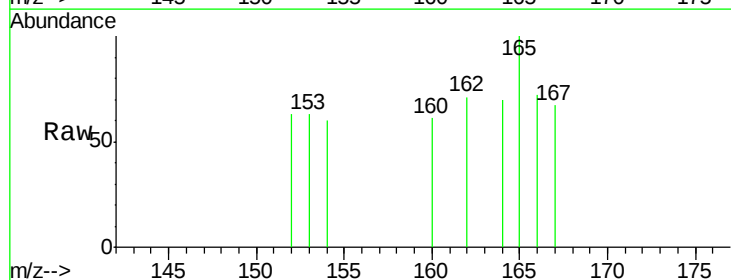
Tgt Ion:166 Resp: 31

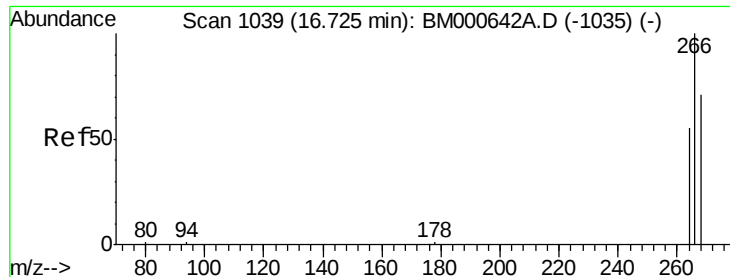
Ion Ratio Lower Upper

166 100

165 138.3 78.5 117.7#

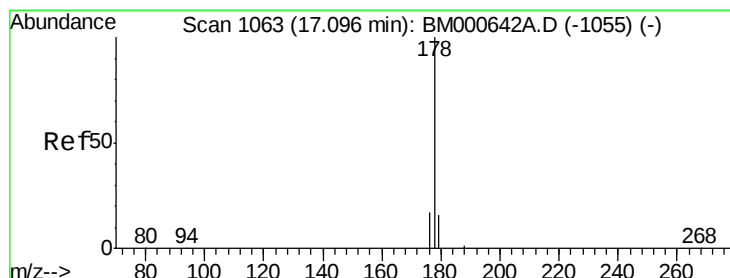
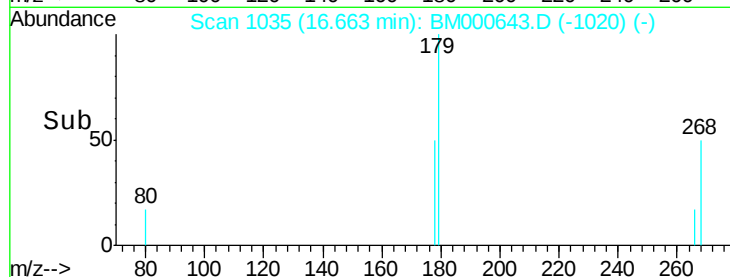
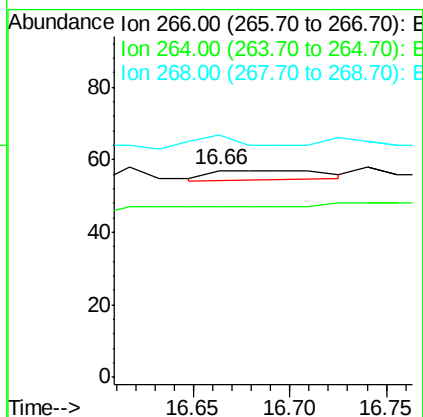
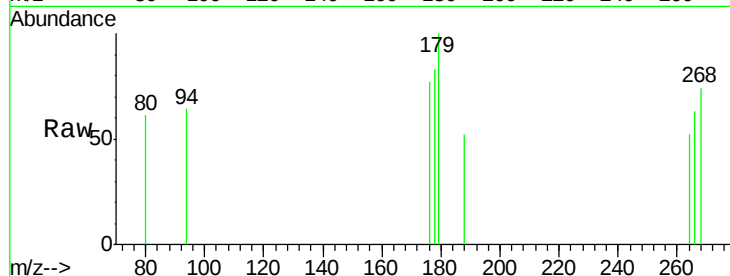
167 93.3 10.6 16.0#





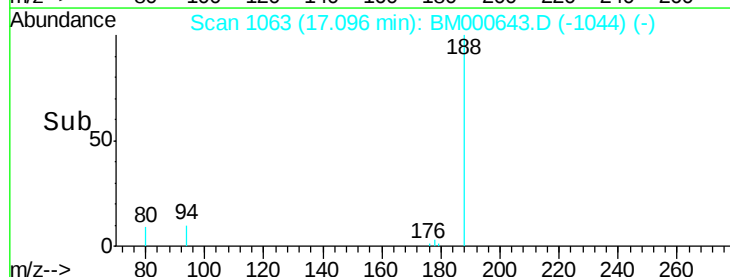
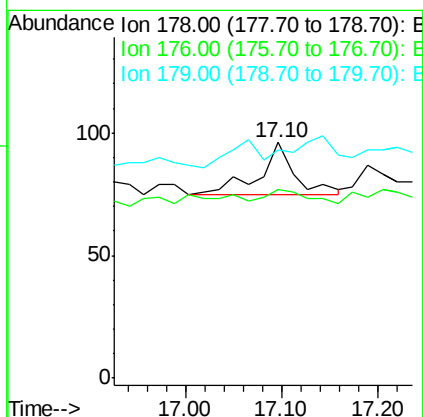
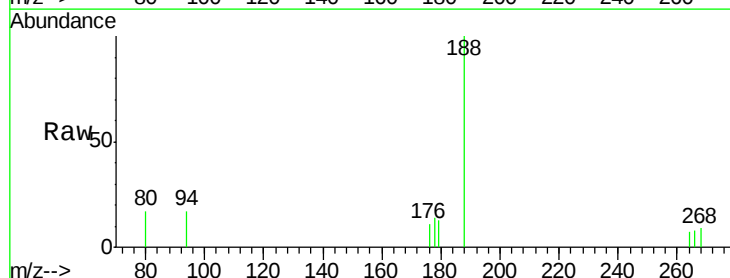
#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.66 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BM000643.D
 Acq: 04 Mar 2015 11:49

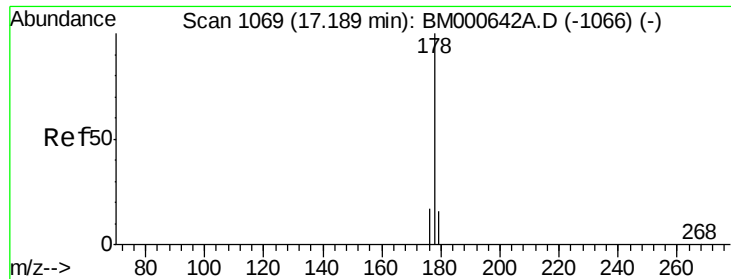
Tgt Ion: 266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.0 76.4#
 268 63.6 49.4 74.2



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000643.D
 Acq: 04 Mar 2015 11:49

Tgt Ion: 178 Resp: 54
 Ion Ratio Lower Upper
 178 100
 176 80.2 14.8 22.2#
 179 96.9 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: BM000643.D

Acq: 04 Mar 2015 11:49

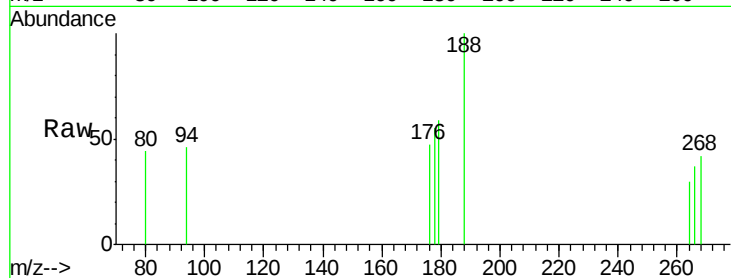
Tgt Ion:178 Resp: 40

Ion Ratio Lower Upper

178 100

176 85.1 14.2 21.4#

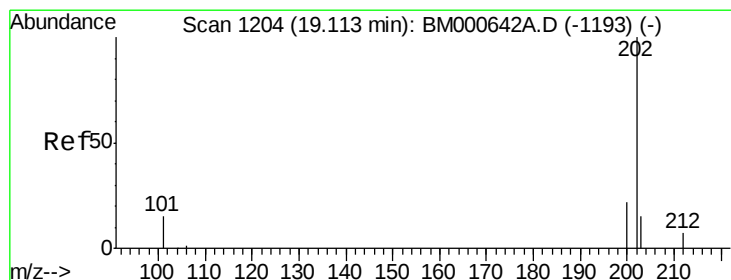
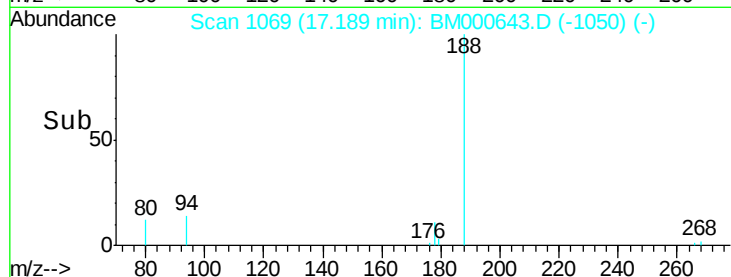
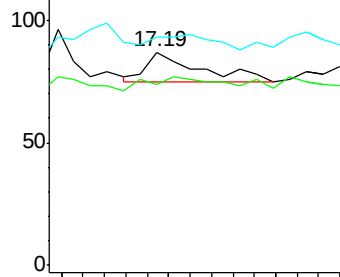
179 106.9 12.8 19.2#



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: BM000643.D

Acq: 04 Mar 2015 11:49

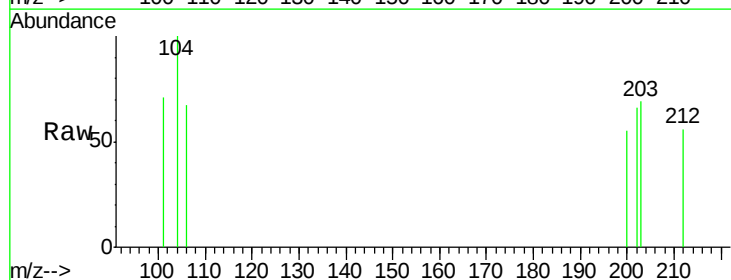
Tgt Ion:202 Resp: 39

Ion Ratio Lower Upper

202 100

101 108.1 0.0 27.0#

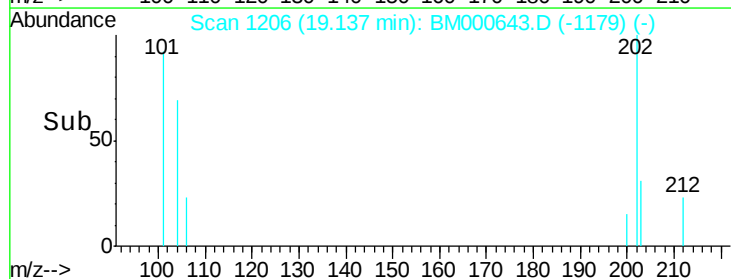
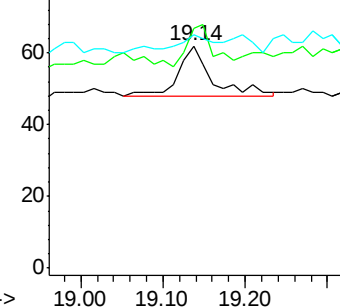
203 104.8 0.0 38.5#

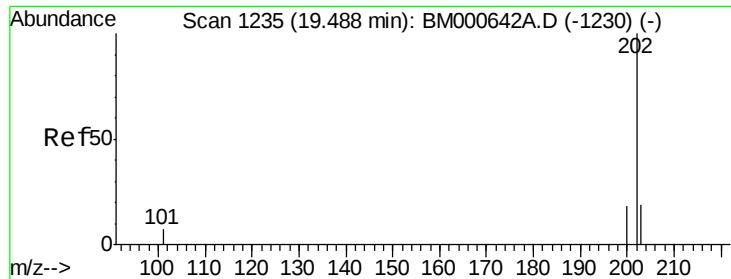


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM000643.D

Acq: 04 Mar 2015 11:49

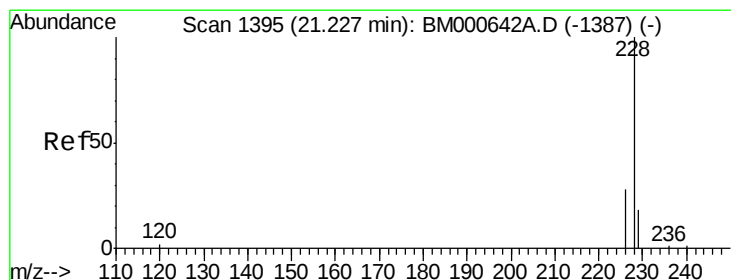
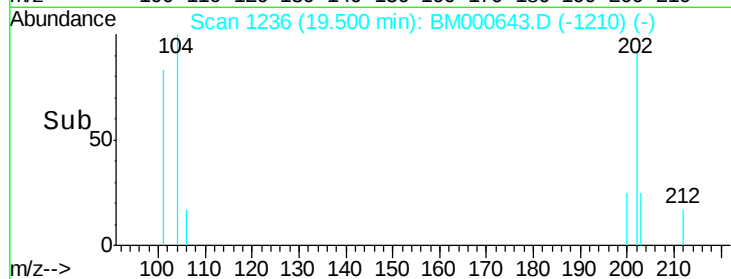
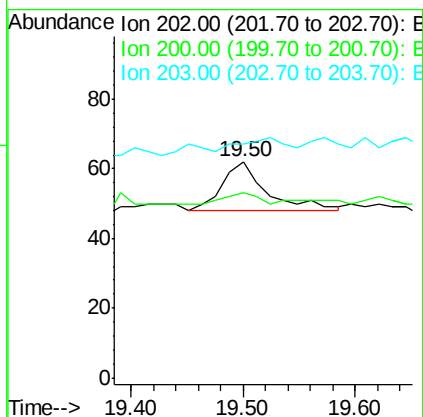
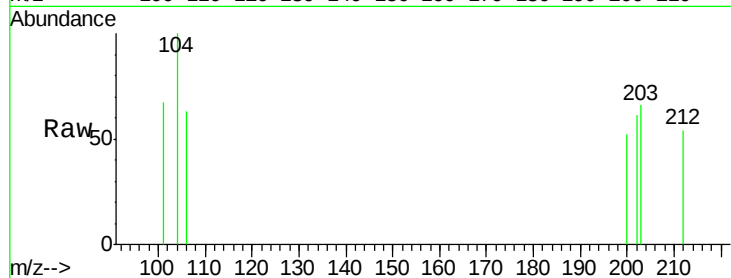
Tgt Ion: 202 Resp: 38

Ion Ratio Lower Upper

202 100

200 85.5 15.5 23.3#

203 108.1 14.2 21.2#



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.25 min Scan# 1397

Delta R.T. 0.02 min

Lab File: BM000643.D

Acq: 04 Mar 2015 11:49

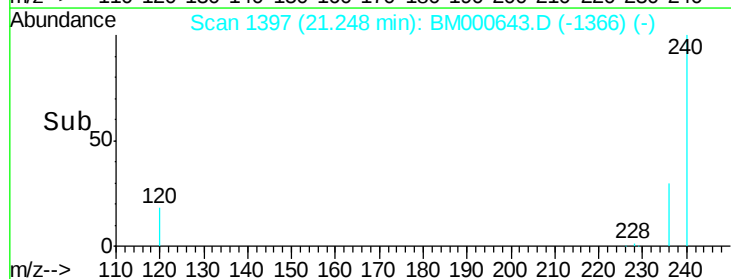
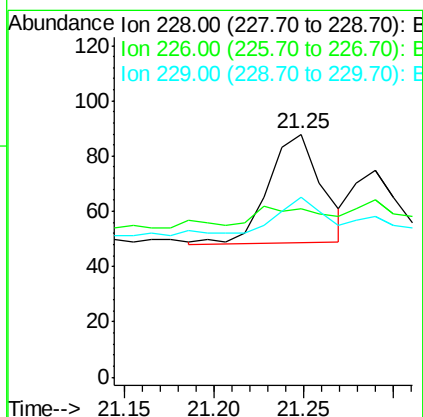
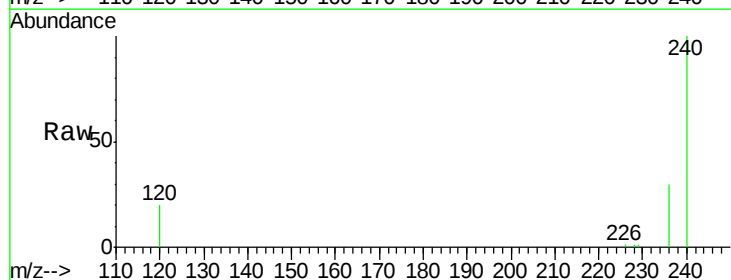
Tgt Ion: 228 Resp: 81

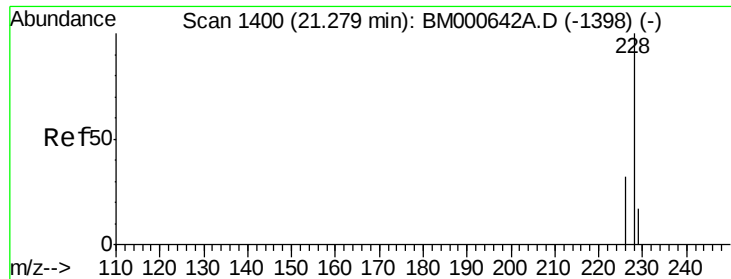
Ion Ratio Lower Upper

228 100

226 69.3 20.0 30.0#

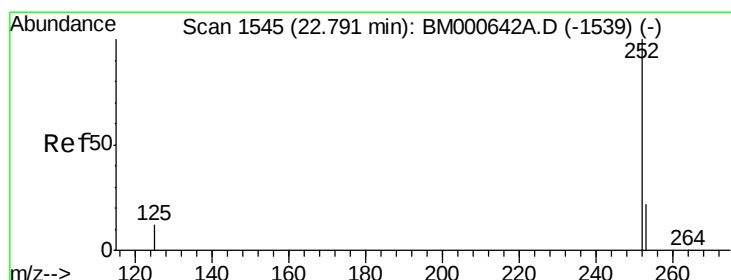
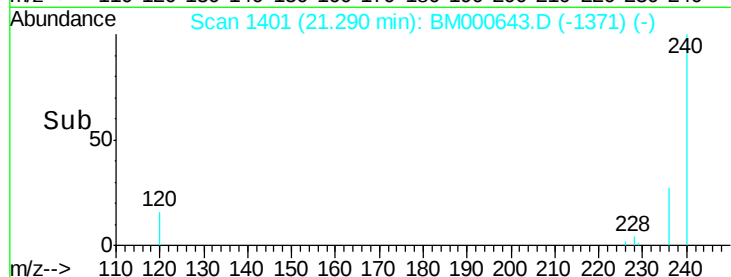
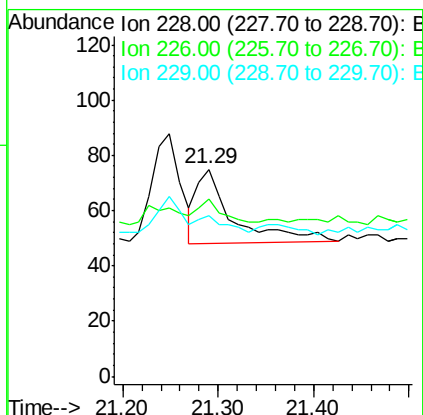
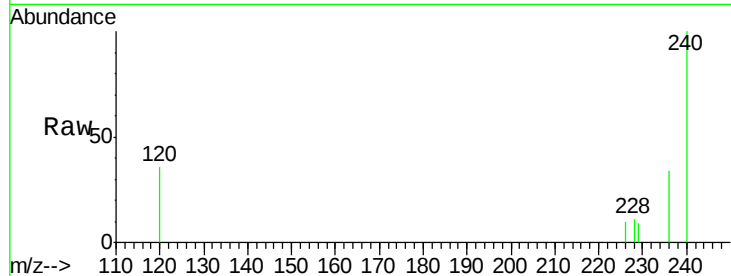
229 73.9 16.7 25.1#





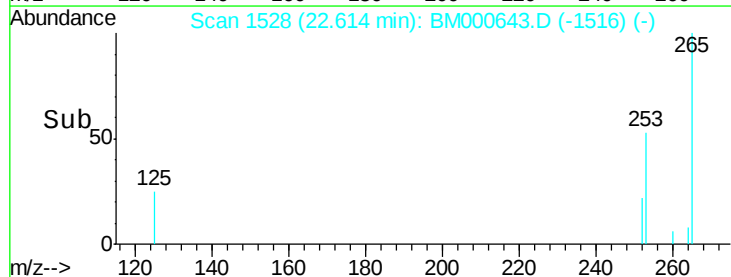
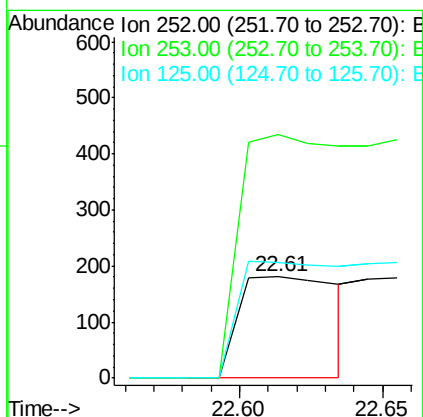
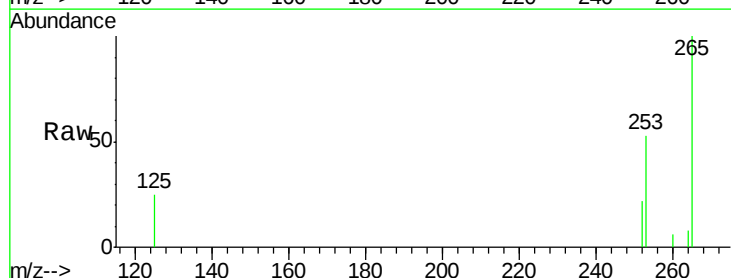
#21
Chrysene
Concen: 0.00 ng/ul
RT: 21.29 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BM000643.D
Acq: 04 Mar 2015 11:49

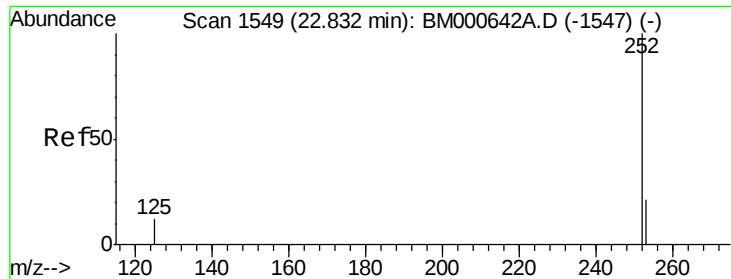
Tgt Ion: 228 Resp: 70
Ion Ratio Lower Upper
228 100
226 85.3 22.6 33.8#
229 77.3 16.4 24.6#



#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 22.61 min Scan# 1528
Delta R.T. -0.18 min
Lab File: BM000643.D
Acq: 04 Mar 2015 11:49

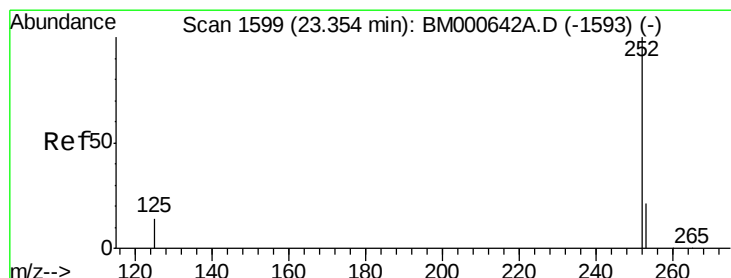
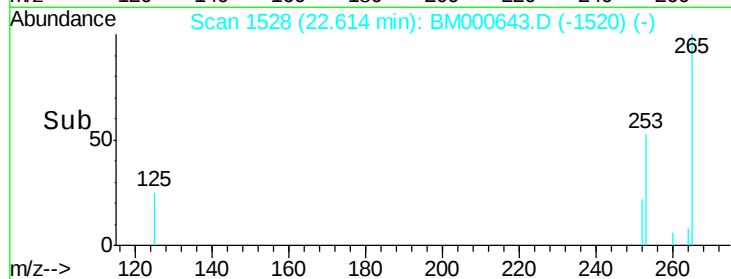
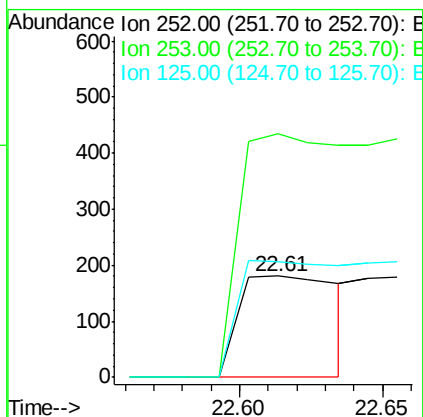
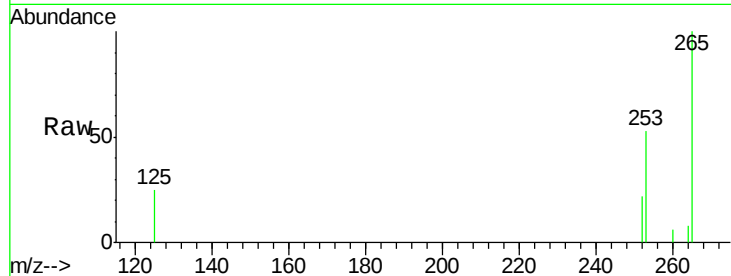
Tgt Ion: 252 Resp: 438
Ion Ratio Lower Upper
252 100
253 241.1 0.0 51.2#
125 114.4 0.0 30.0#





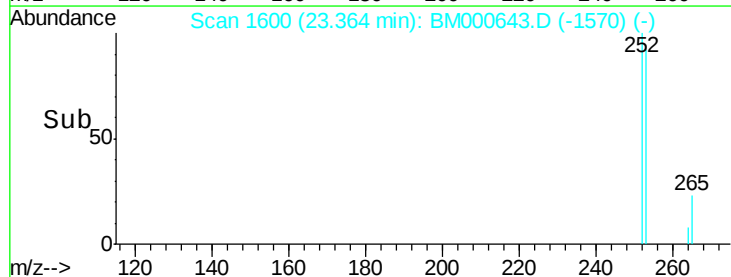
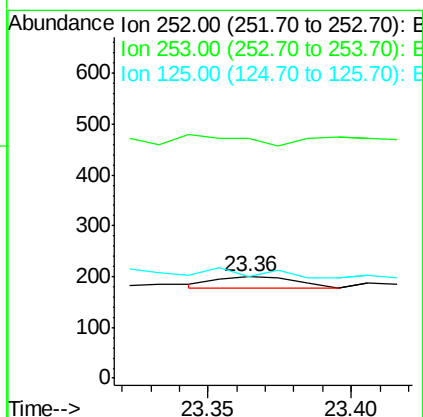
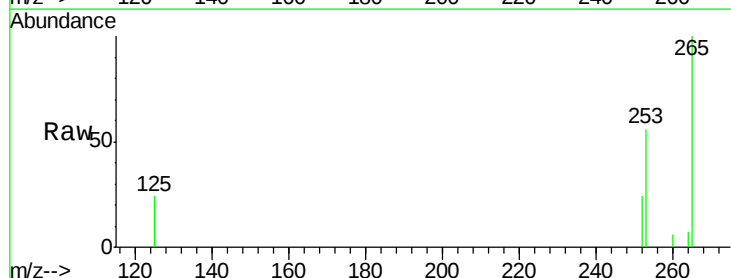
#24
Benzo(k)fluoranthene
Concen: 0.01 ng/u1
RT: 22.61 min Scan# 1528
Delta R.T. -0.22 min
Lab File: BM000643.D
Acq: 04 Mar 2015 11:49

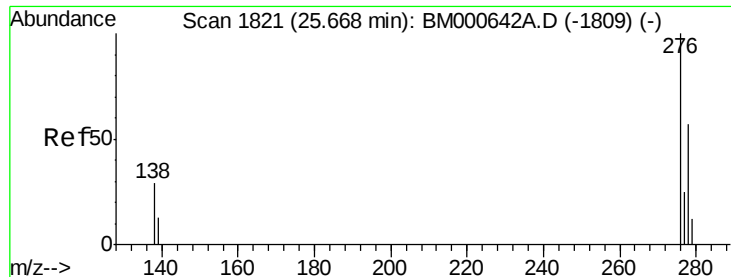
Tgt Ion: 252 Resp: 438
Ion Ratio Lower Upper
252 100
253 241.1 20.5 30.7#
125 114.4 11.8 17.6#



#25
Benzo(a)pyrene
Concen: 0.00 ng/u1
RT: 23.36 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BM000643.D
Acq: 04 Mar 2015 11:49

Tgt Ion: 252 Resp: 41
Ion Ratio Lower Upper
252 100
253 236.7 23.4 35.0#
125 101.0 12.2 18.4#

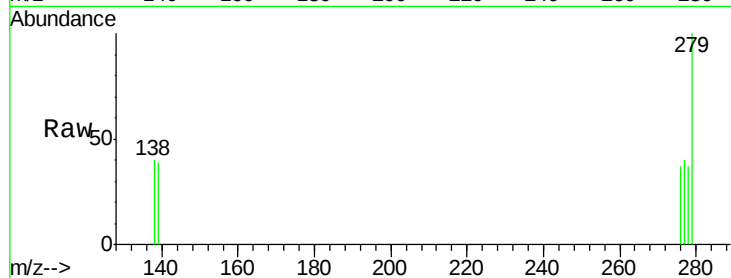




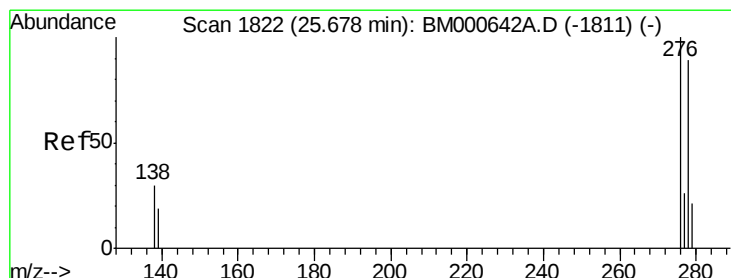
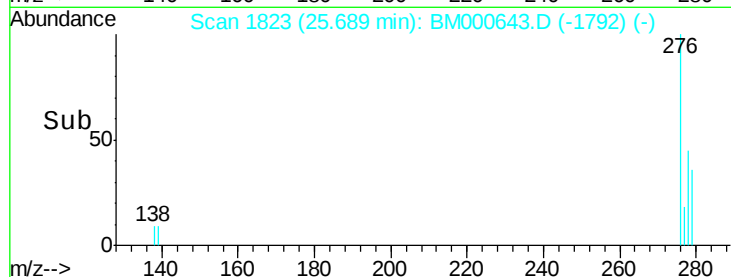
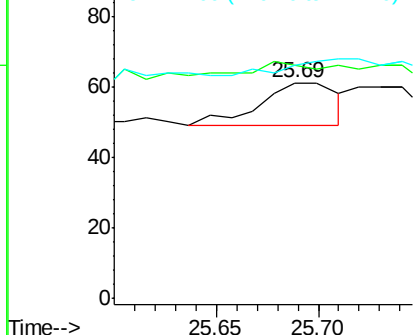
#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.69 min Scan# 1823
Delta R.T. 0.02 min
Lab File: BM000643.D
Acq: 04 Mar 2015 11:49

Tgt Ion: 276 Resp: 32
Ion Ratio Lower Upper
276 100
138 12.5 23.8 35.8#
277 0.0 19.7 29.5#



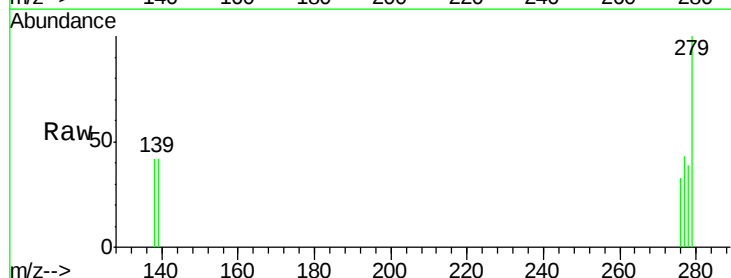
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



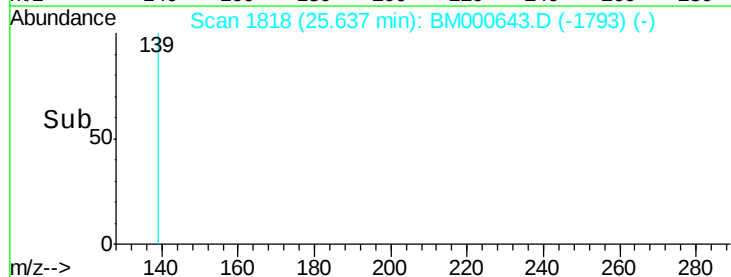
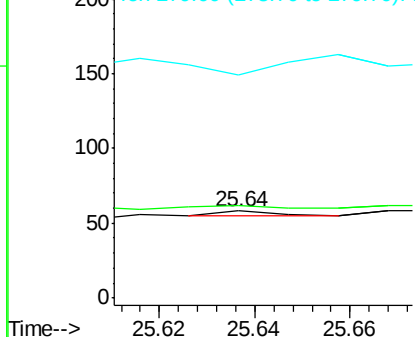
#27

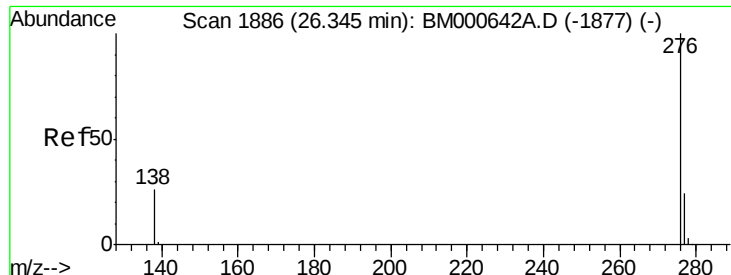
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.64 min Scan# 1818
Delta R.T. -0.04 min
Lab File: BM000643.D
Acq: 04 Mar 2015 11:49

Tgt Ion: 278 Resp: 3
Ion Ratio Lower Upper
278 100
139 106.9 17.0 25.6#
279 256.9 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: 26.38 min Scan# 1889

Delta R.T. 0.03 min

Lab File: BM000643.D

Acq: 04 Mar 2015 11:49

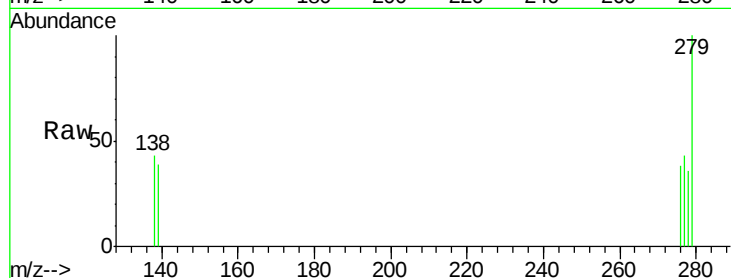
Tgt Ion: 276 Resp: 68

Ion Ratio Lower Upper

276 100

277 113.1 19.9 29.9#

138 113.1 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

