

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000647.D
 Acq On : 04 Mar 2015 14:12
 Operator : TP/IZ
 Sample : MDL-04-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 04 23:33:43 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	5050	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17931	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.31	164	8319	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	21177	0.40	ng/ul	0.00
18) Chrysene-d12	21.26	240	13078	0.40	ng/ul	0.01
22) Perylene-d12	23.46	264	9932	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	7260	1.97	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	1	0.00	ng/ul	0.05
16) Fluoranthene-d10	19.10	212	15	0.00	ng/ul	0.01

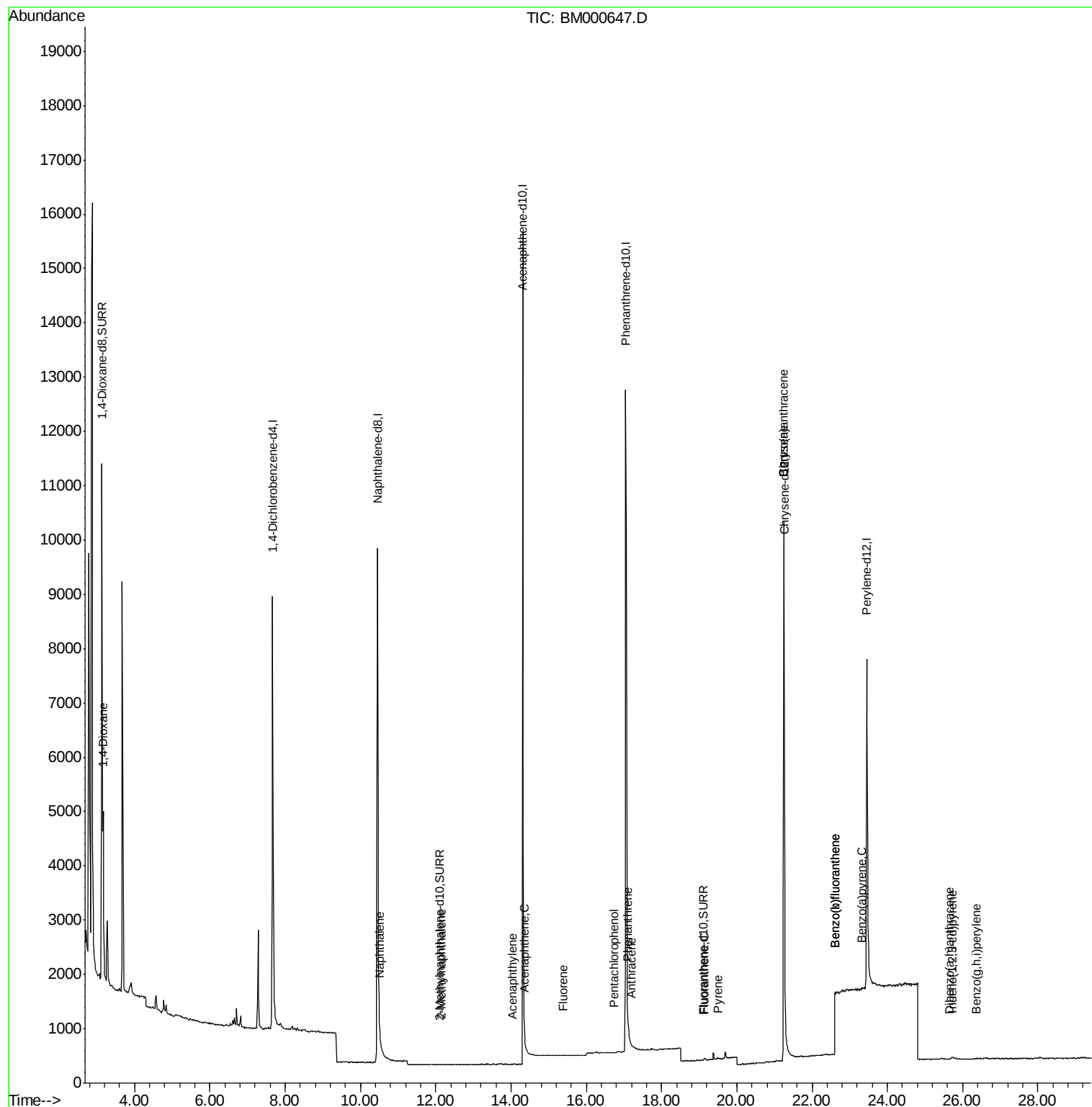
Target Compounds

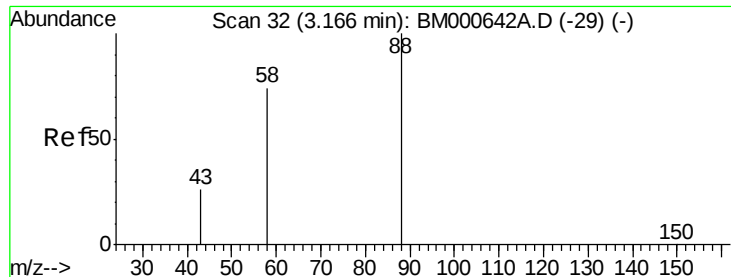
					Qvalue
3) 1,4-Dioxane	3.17	88	4157	0.73	ng/ul# 58
5) Naphthalene	10.50	128	28	0.00	ng/ul# 1
7) 2-Methylnaphthalene	12.15	142	11	0.00	ng/ul# 74
9) Acenaphthylene	14.03	152	3	0.00	ng/ul# 1
10) Acenaphthene	14.36	153	7	0.00	ng/ul# 69
11) Fluorene	15.38	166	10	0.00	ng/ul# 34
13) Pentachlorophenol	16.72	266	4	0.00	ng/ul# 1
14) Phenanthrene	17.10	178	38	0.00	ng/ul# 1
15) Anthracene	17.19	178	19	0.00	ng/ul# 1
17) Fluoranthene	19.14	202	38	0.00	ng/ul# 1
19) Pyrene	19.50	202	46	0.00	ng/ul# 1
20) Benzo(a)anthracene	21.25	228	63	0.00	ng/ul# 1
21) Chrysene	21.25	228	63	0.00	ng/ul# 6
23) Benzo(b)fluoranthene	22.61	252	414	0.01	ng/ul# 1
24) Benzo(k)fluoranthene	22.61	252	414	0.01	ng/ul# 1
25) Benzo(a)pyrene	23.33	252	29	0.00	ng/ul# 1
26) Indeno(1,2,3-cd)pyrene	25.73	276	44	0.00	ng/ul# 73
27) Dibenzo(a,h)anthracene	25.66	278	8	0.00	ng/ul# 1
28) Benzo(g,h,i)perylene	26.37	276	41	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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QLast Update : Wed Mar 04 23:23:51 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.73 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000647.D

Acq: 04 Mar 2015 14:12

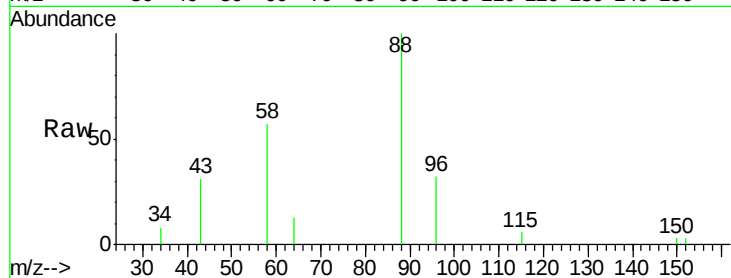
Tgt Ion: 88 Resp: 4157

Ion Ratio Lower Upper

88 100

58 39.5 55.4 83.2#

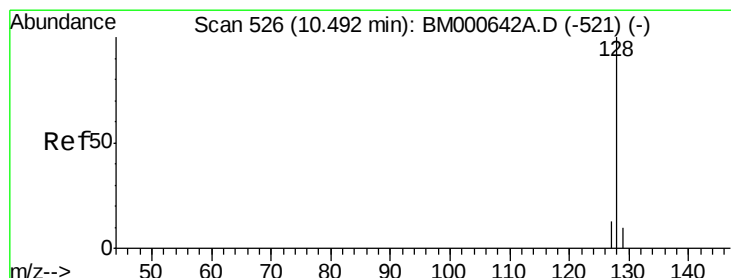
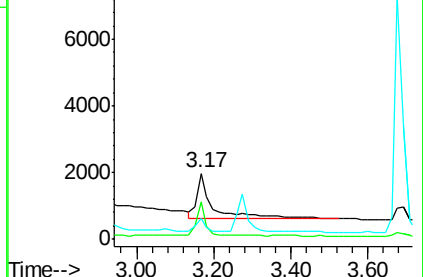
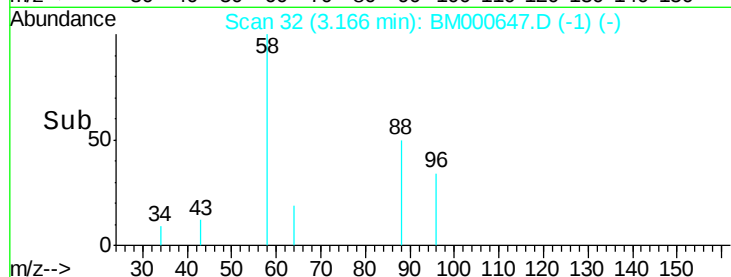
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000647.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM000647.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM000647.D (-1) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM000647.D

Acq: 04 Mar 2015 14:12

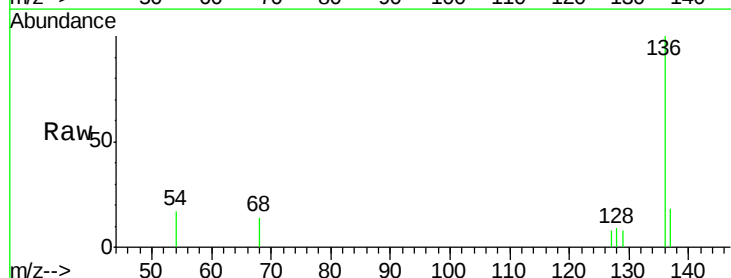
Tgt Ion: 128 Resp: 28

Ion Ratio Lower Upper

128 100

129 88.3 8.5 12.7#

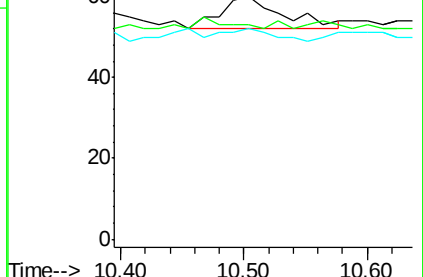
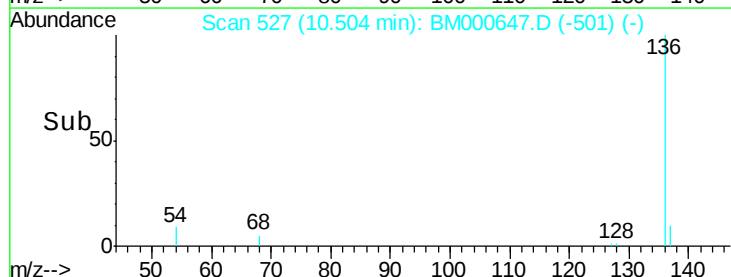
127 86.7 11.0 16.6#

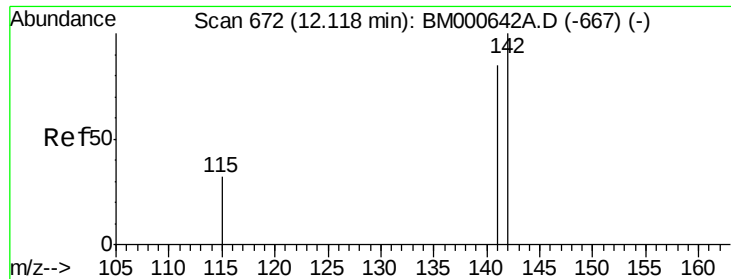


Abundance Ion 128.00 (127.70 to 128.70): BM000647.D (-501) (-)

Ion 129.00 (128.70 to 129.70): BM000647.D (-501) (-)

Ion 127.00 (126.70 to 127.70): BM000647.D (-501) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.15 min Scan# 675

Delta R.T. 0.03 min

Lab File: BM000647.D

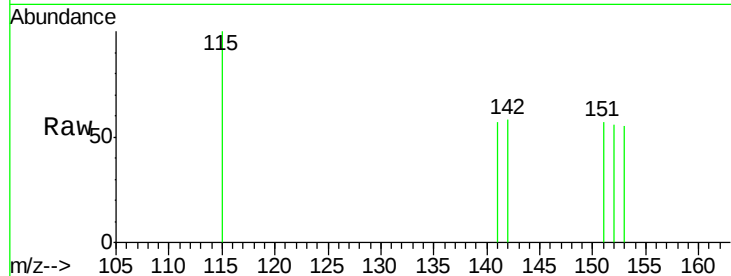
Acq: 04 Mar 2015 14:12

Tgt Ion:142 Resp: 11

Ion Ratio Lower Upper

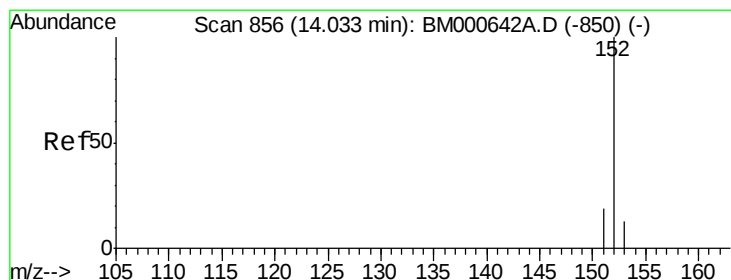
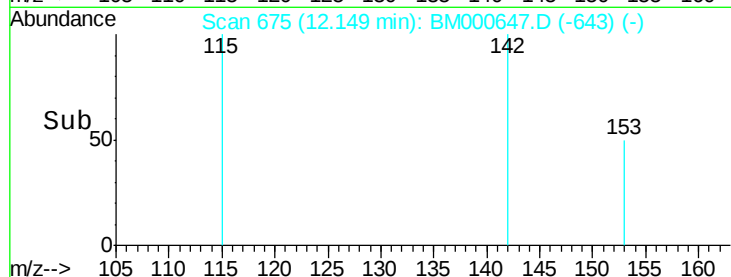
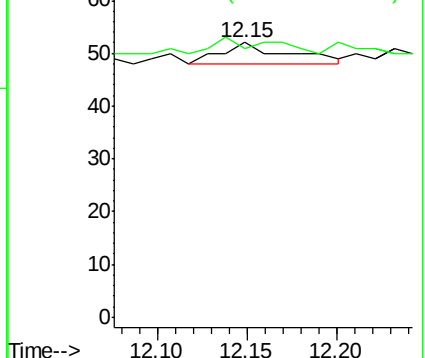
142 100

141 63.6 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: BM000647.D

Acq: 04 Mar 2015 14:12

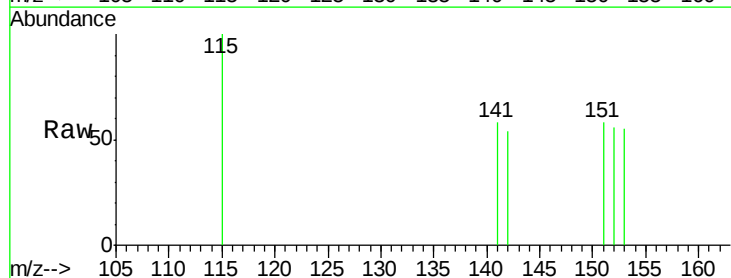
Tgt Ion:152 Resp: 3

Ion Ratio Lower Upper

152 100

151 103.9 16.0 24.0#

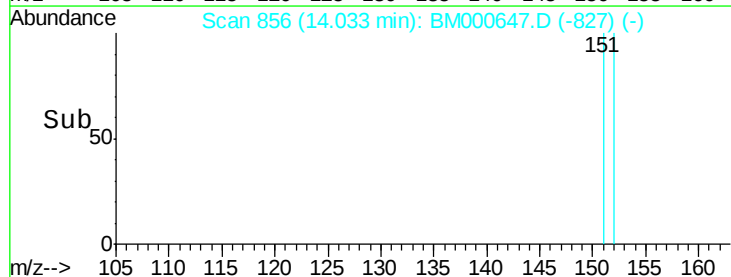
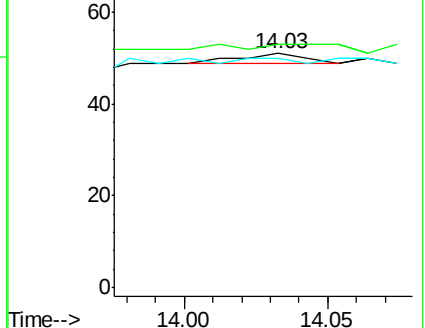
153 98.0 10.2 15.4#

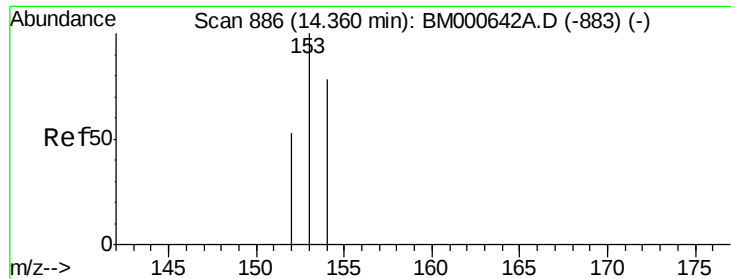


Abundance Ion 152.00 (151.70 to 152.70): E

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: 14.36 min Scan# 886

Delta R.T. 0.00 min

Lab File: BM000647.D

Acq: 04 Mar 2015 14:12

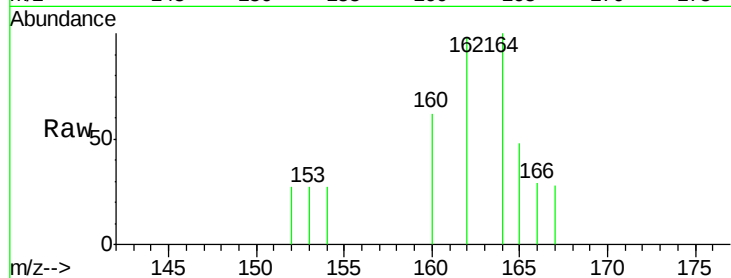
Tgt Ion:153 Resp: 7

Ion Ratio Lower Upper

153 100

152 102.0 34.2 51.2#

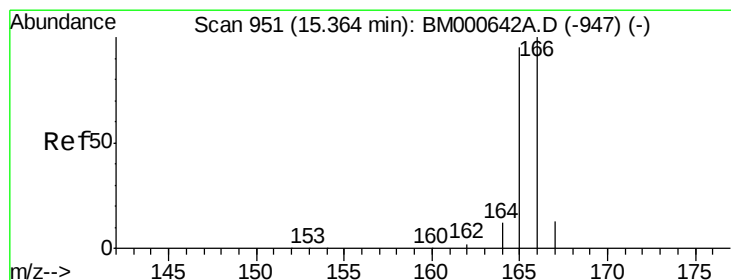
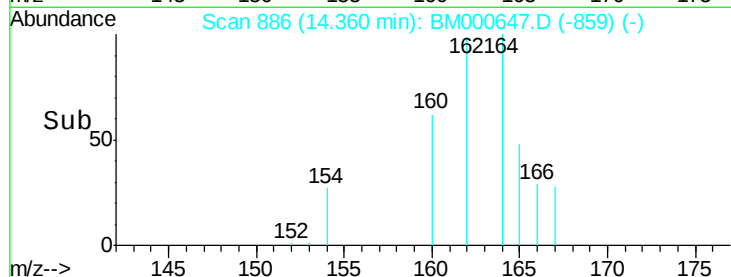
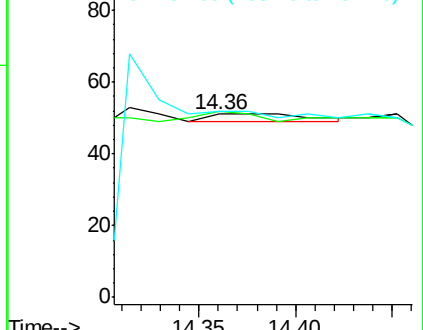
154 102.0 78.8 118.2



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: BM000647.D

Acq: 04 Mar 2015 14:12

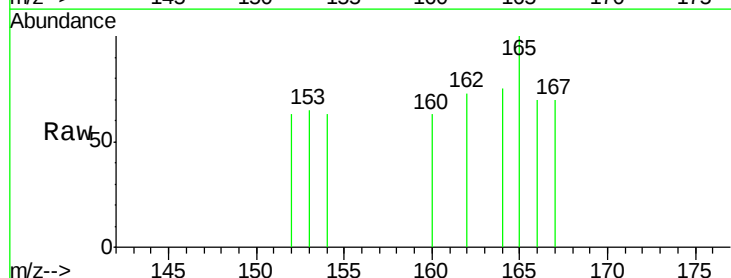
Tgt Ion:166 Resp: 10

Ion Ratio Lower Upper

166 100

165 143.6 78.5 117.7#

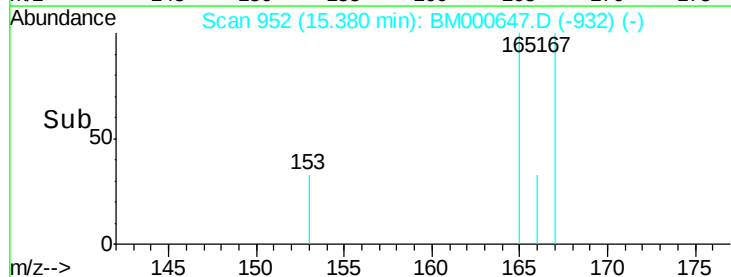
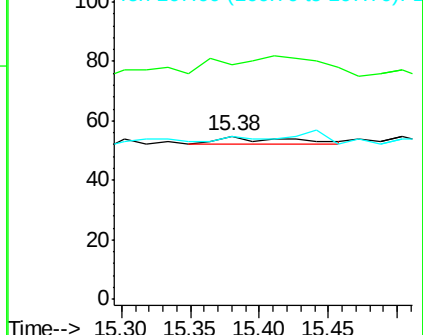
167 100.0 10.6 16.0#

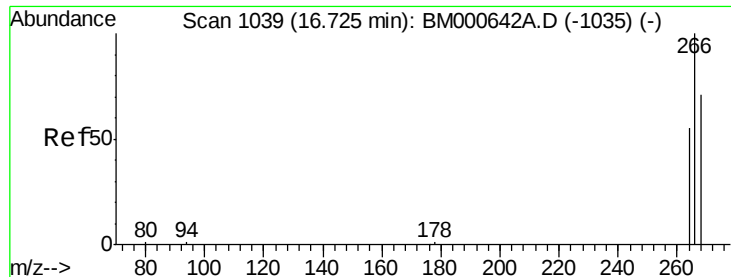


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

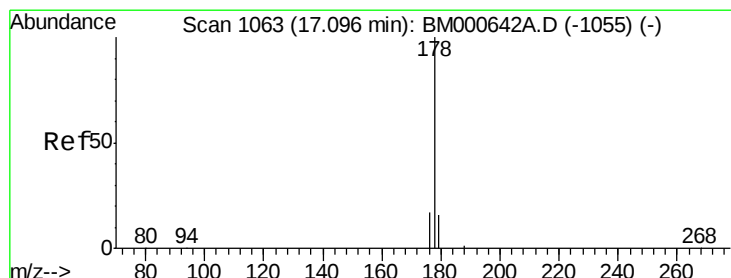
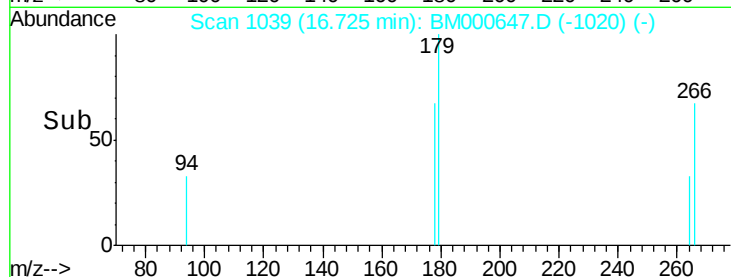
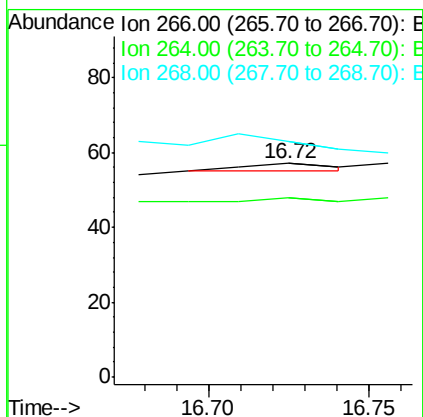
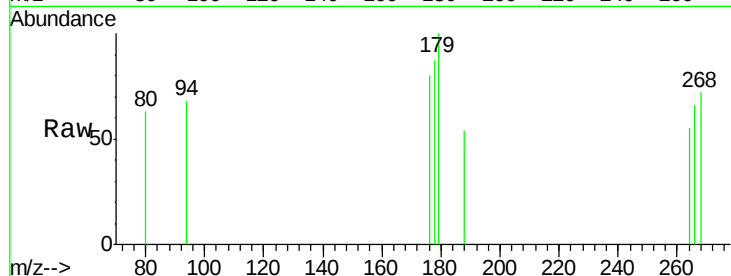
Ion 167.00 (166.70 to 167.70): E





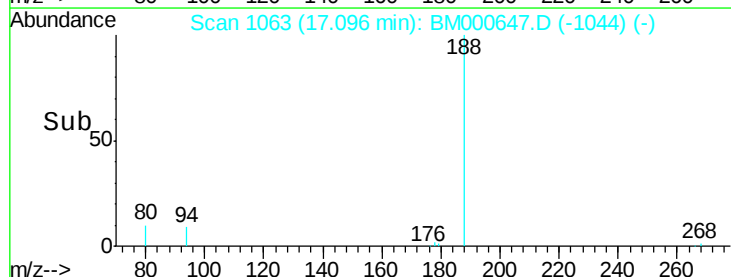
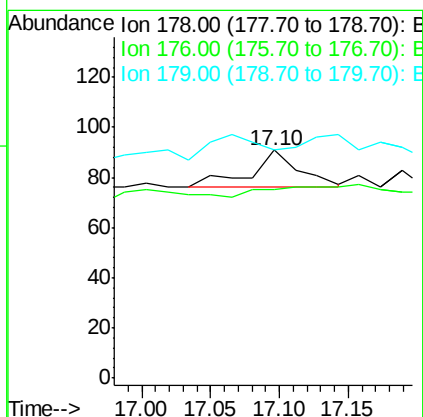
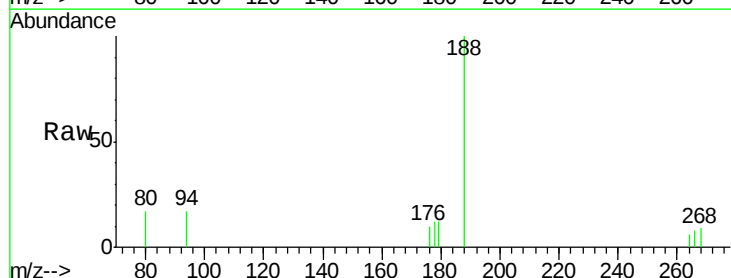
#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.72 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM000647.D
 Acq: 04 Mar 2015 14:12

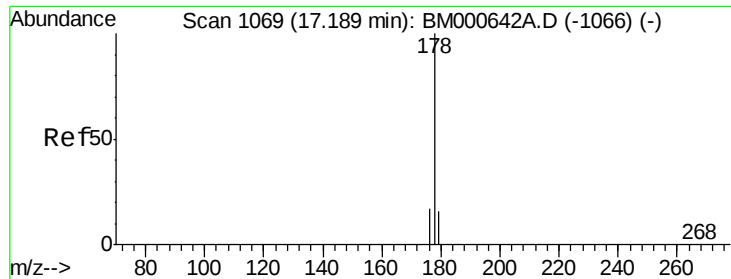
Tgt Ion: 266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 125.0 51.0 76.4#
 268 200.0 49.4 74.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000647.D
 Acq: 04 Mar 2015 14:12

Tgt Ion: 178 Resp: 38
 Ion Ratio Lower Upper
 178 100
 176 82.4 14.8 22.2#
 179 100.0 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: BM000647.D

Acq: 04 Mar 2015 14:12

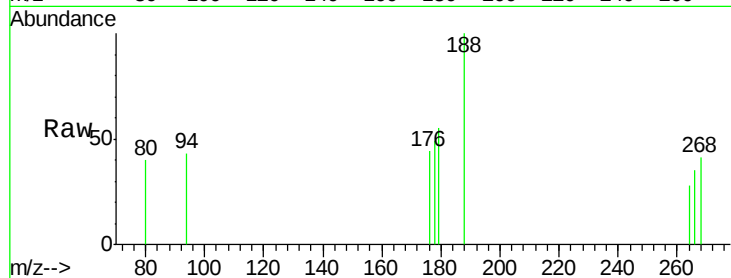
Tgt Ion:178 Resp: 19

Ion Ratio Lower Upper

178 100

176 89.2 14.2 21.4#

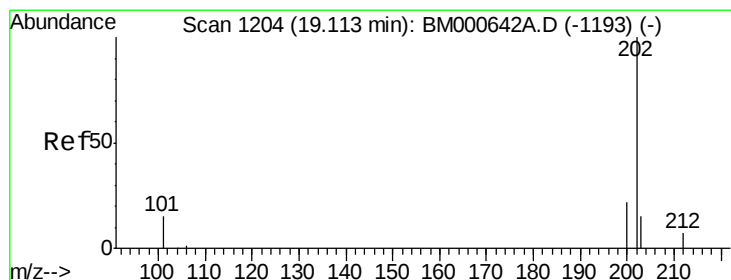
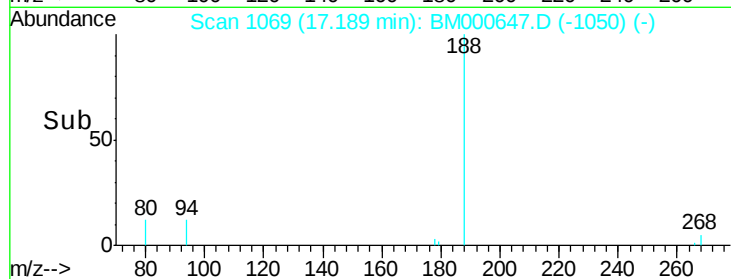
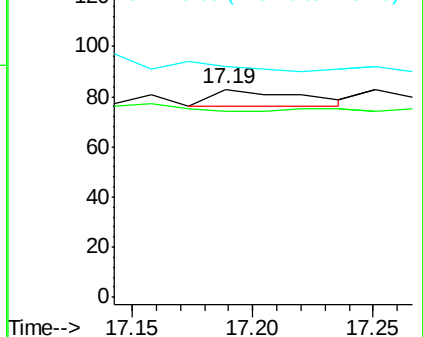
179 110.8 12.8 19.2#



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: BM000647.D

Acq: 04 Mar 2015 14:12

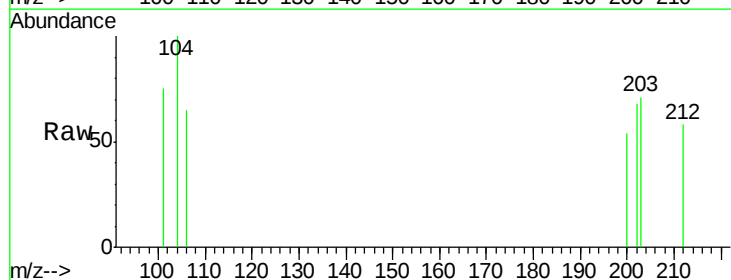
Tgt Ion:202 Resp: 38

Ion Ratio Lower Upper

202 100

101 109.5 0.0 27.0#

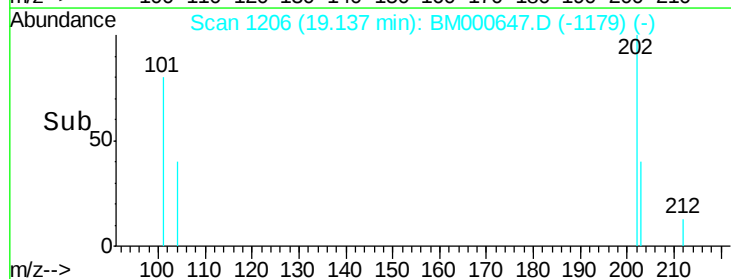
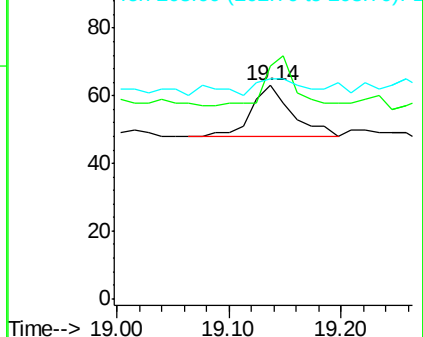
203 103.2 0.0 38.5#

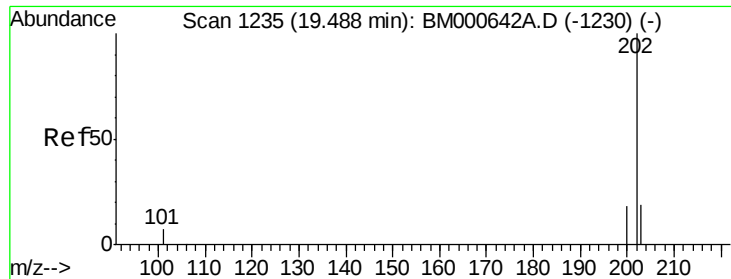


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM000647.D

Acq: 04 Mar 2015 14:12

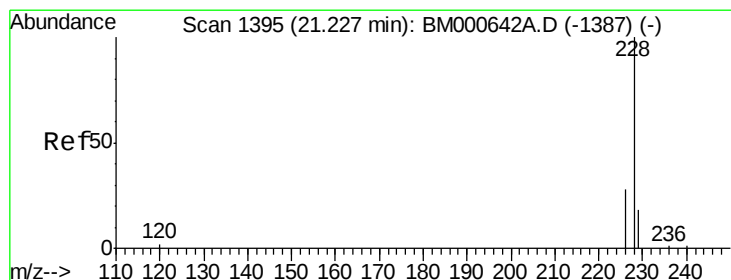
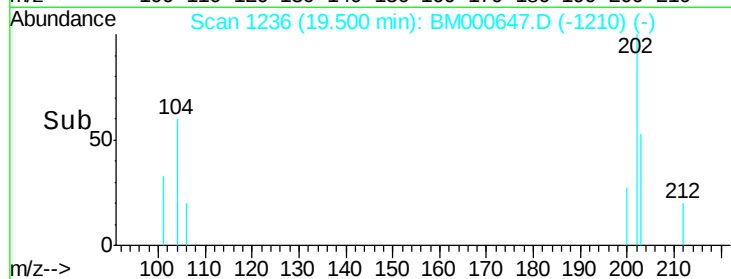
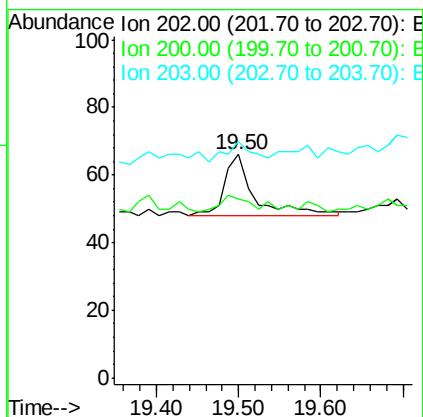
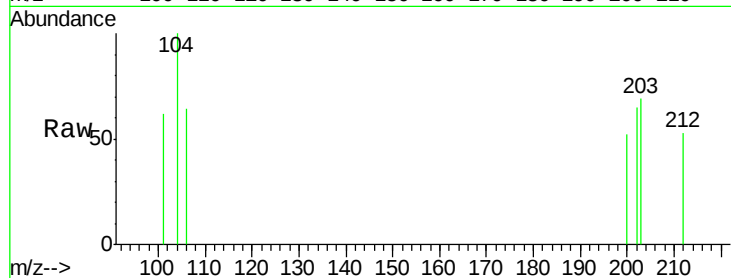
Tgt Ion: 202 Resp: 46

Ion Ratio Lower Upper

202 100

200 80.3 15.5 23.3#

203 106.1 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: BM000647.D

Acq: 04 Mar 2015 14:12

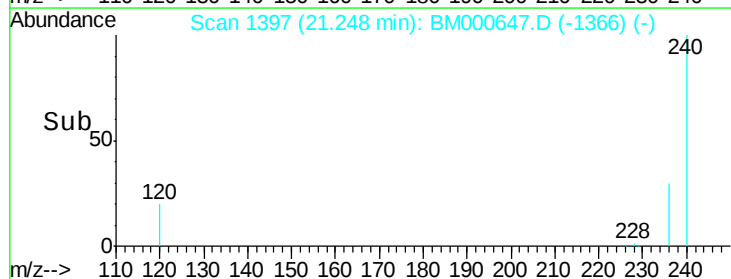
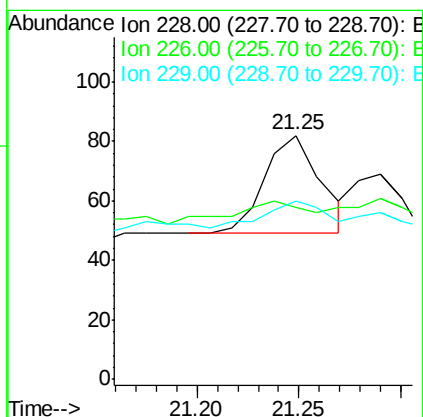
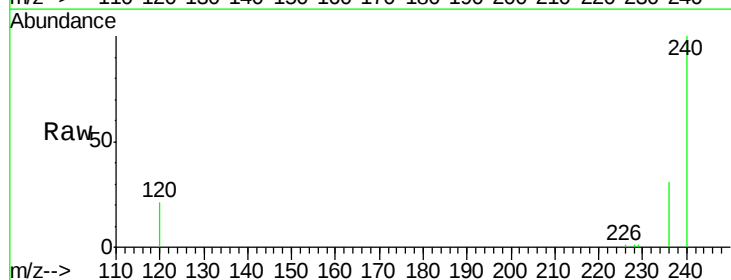
Tgt Ion: 228 Resp: 63

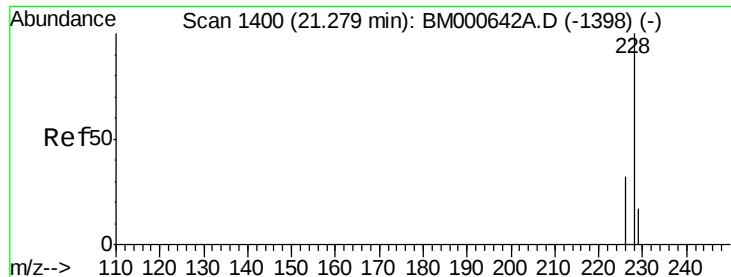
Ion Ratio Lower Upper

228 100

226 70.7 20.0 30.0#

229 73.2 16.7 25.1#





#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.25 min Scan# 1397

Delta R.T. -0.03 min

Lab File: BM000647.D

Acq: 04 Mar 2015 14:12

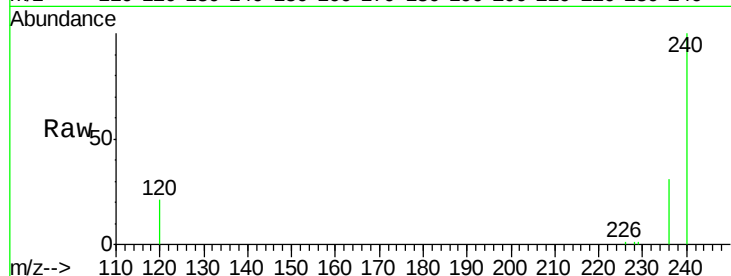
Tgt Ion: 228 Resp: 63

Ion Ratio Lower Upper

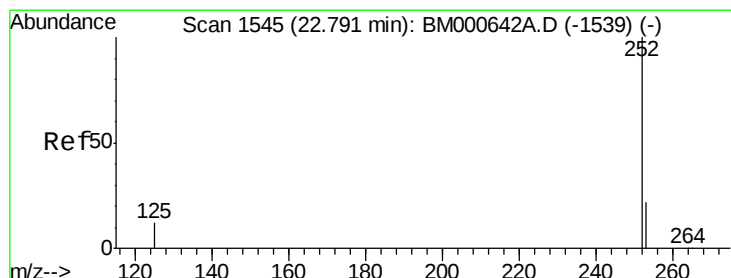
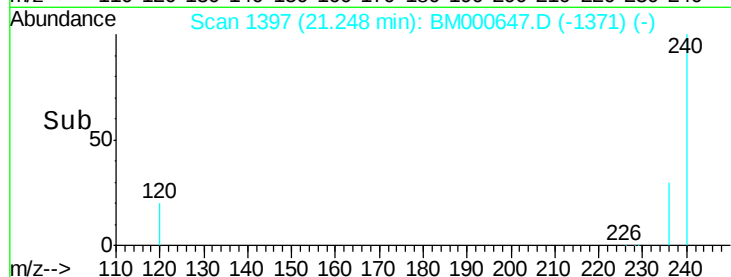
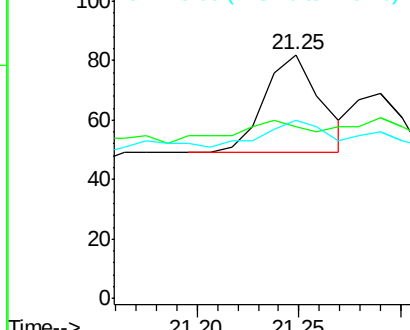
228 100

226 70.7 22.6 33.8#

229 73.2 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: 0.01 ng/ul

RT: 22.61 min Scan# 1528

Delta R.T. -0.18 min

Lab File: BM000647.D

Acq: 04 Mar 2015 14:12

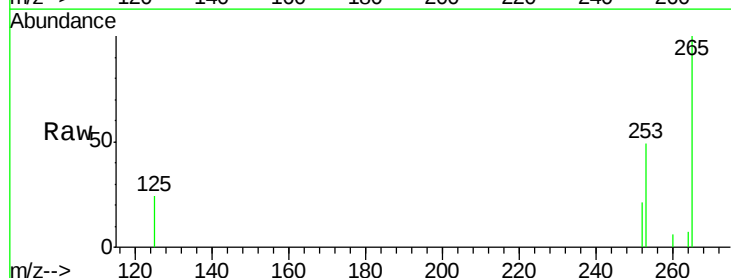
Tgt Ion: 252 Resp: 414

Ion Ratio Lower Upper

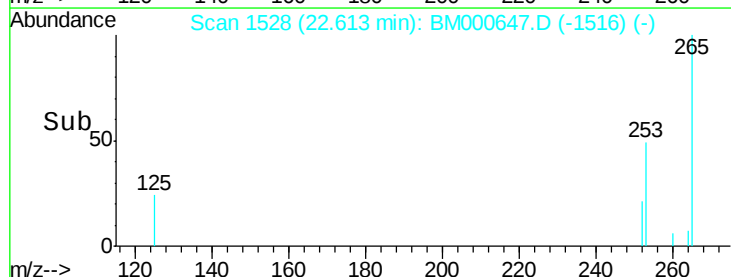
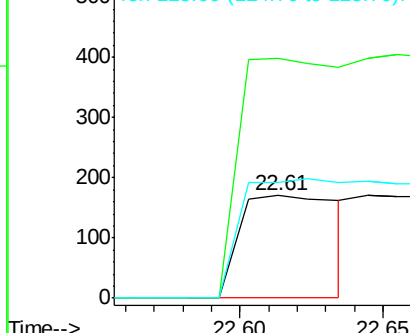
252 100

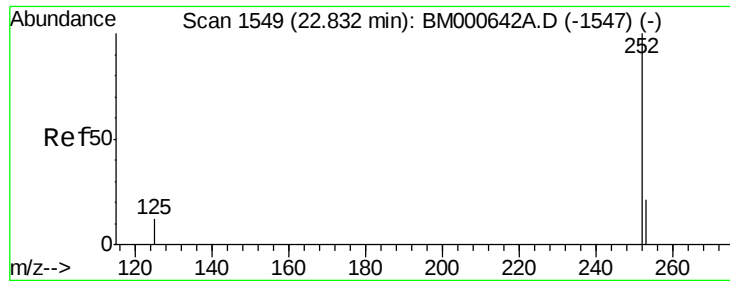
253 234.7 0.0 51.2#

125 112.9 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: 0.01 ng/u1

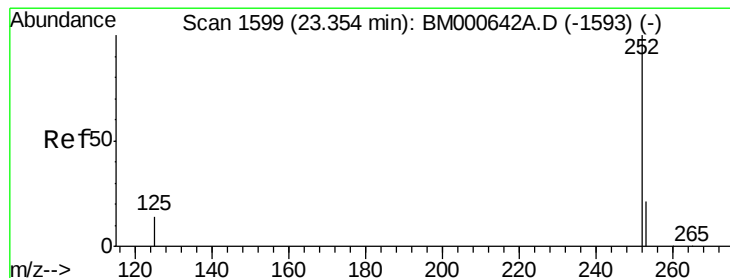
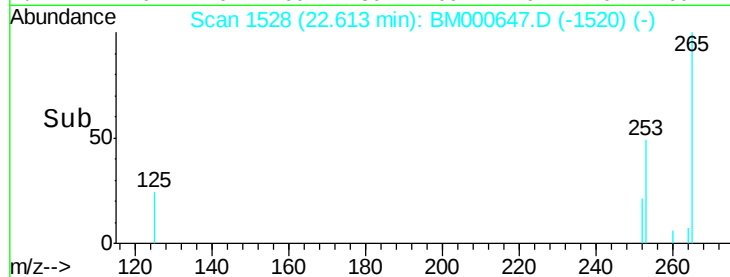
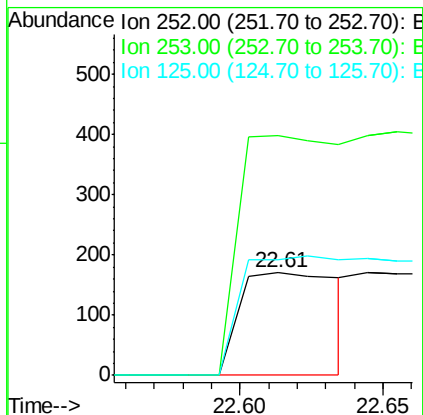
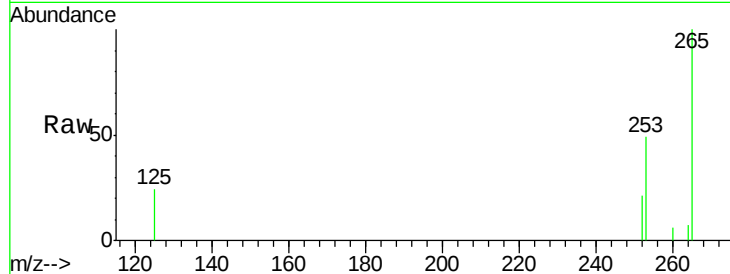
RT: 22.61 min Scan# 1528

Delta R.T. -0.22 min

Lab File: BM000647.D

Acq: 04 Mar 2015 14:12

Tgt Ion:	252	Resp:	414
Ion	Ratio	Lower	Upper
252	100		
253	234.7	20.5	30.7#
125	112.9	11.8	17.6#



#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

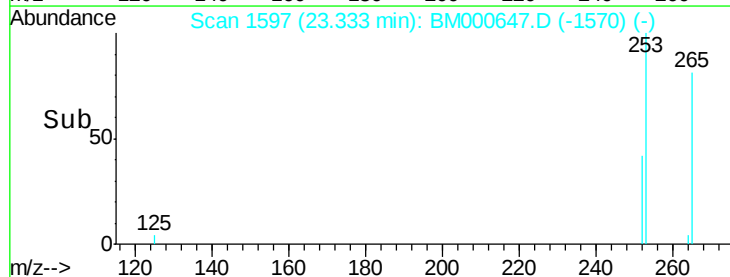
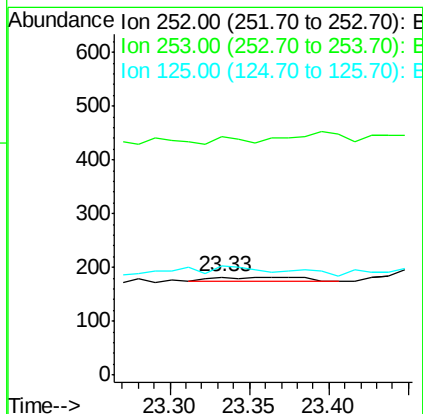
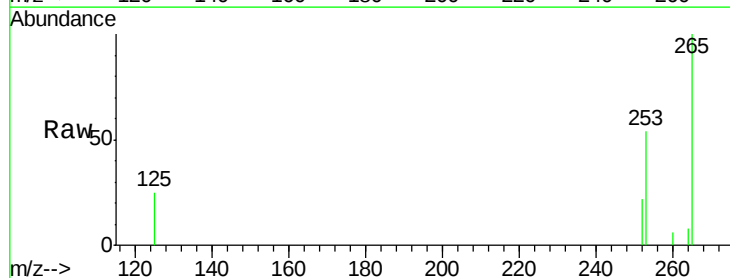
RT: 23.33 min Scan# 1597

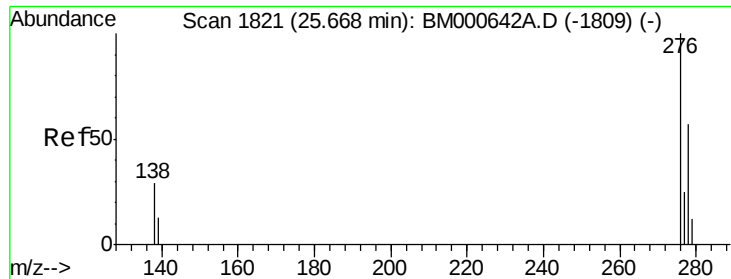
Delta R.T. -0.02 min

Lab File: BM000647.D

Acq: 04 Mar 2015 14:12

Tgt Ion:	252	Resp:	29
Ion	Ratio	Lower	Upper
252	100		
253	244.0	23.4	35.0#
125	111.5	12.2	18.4#

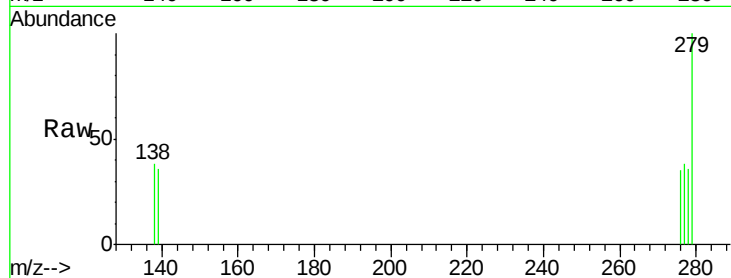




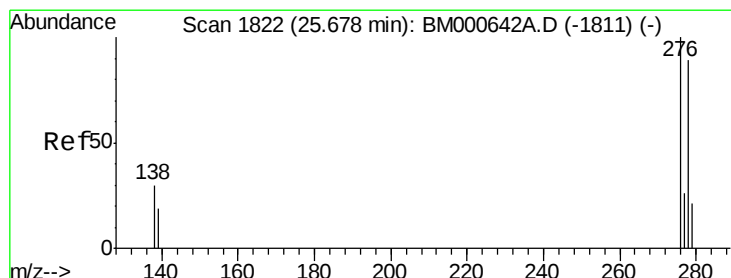
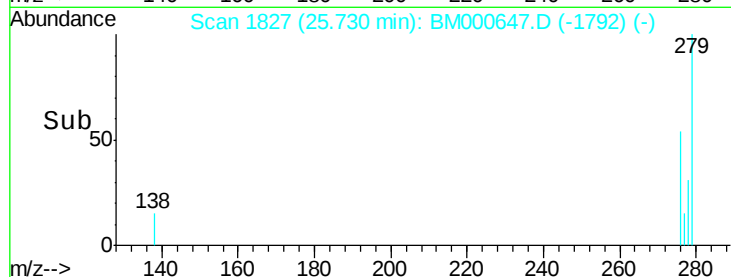
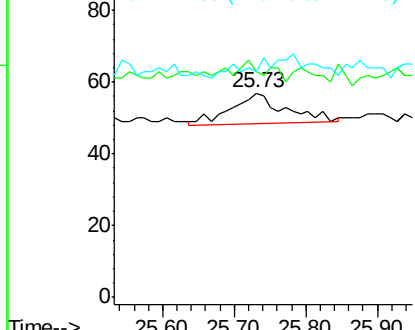
#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.73 min Scan# 1827
Delta R.T. 0.06 min
Lab File: BM000647.D
Acq: 04 Mar 2015 14:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.1	23.8	35.8
277	0.0	19.7	29.5#



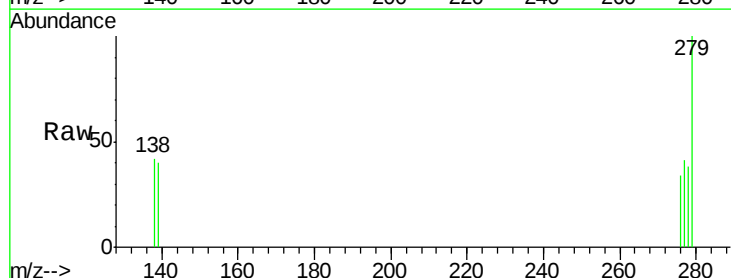
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



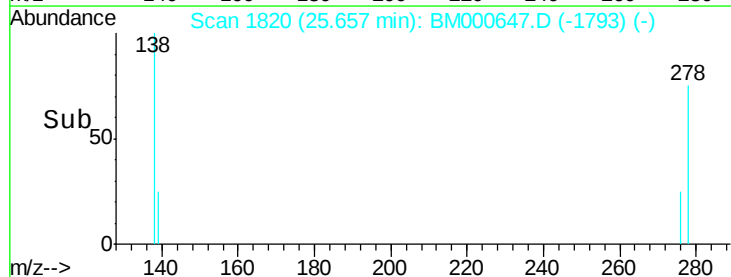
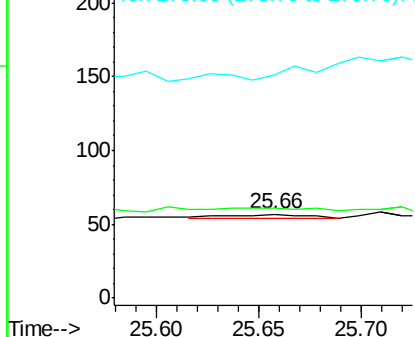
#27

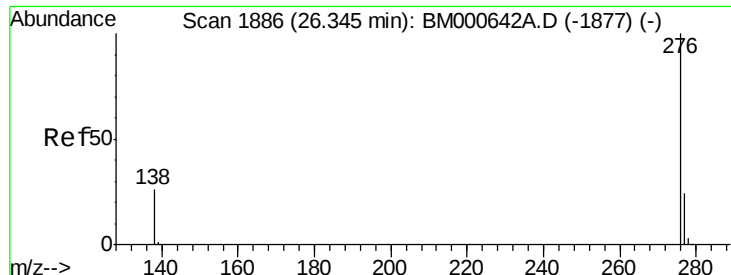
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.66 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BM000647.D
Acq: 04 Mar 2015 14:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	107.0	17.0	25.6#
279	264.9	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: BM000647.D

Acq: 04 Mar 2015 14:12

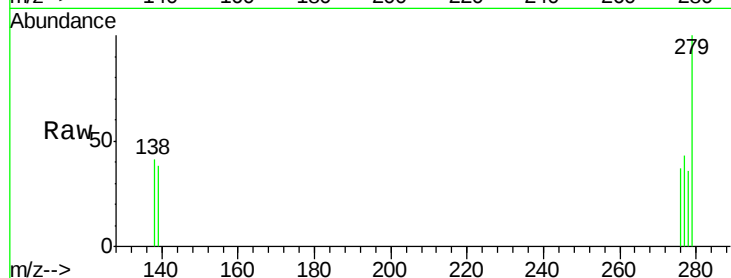
Tgt Ion: 276 Resp: 41

Ion Ratio Lower Upper

276 100

277 116.1 19.9 29.9#

138 110.7 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

