

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000649.D
 Acq On : 04 Mar 2015 15:23
 Operator : TP/IZ
 Sample : MDL-06-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 04 23:34:07 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	5211	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18630	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.31	164	8528	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	22648	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	15234	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	11495	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	6407	1.69	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	2	0.00	ng/ul	0.00
16) Fluoranthene-d10	19.10	212	16	0.00	ng/ul	0.01

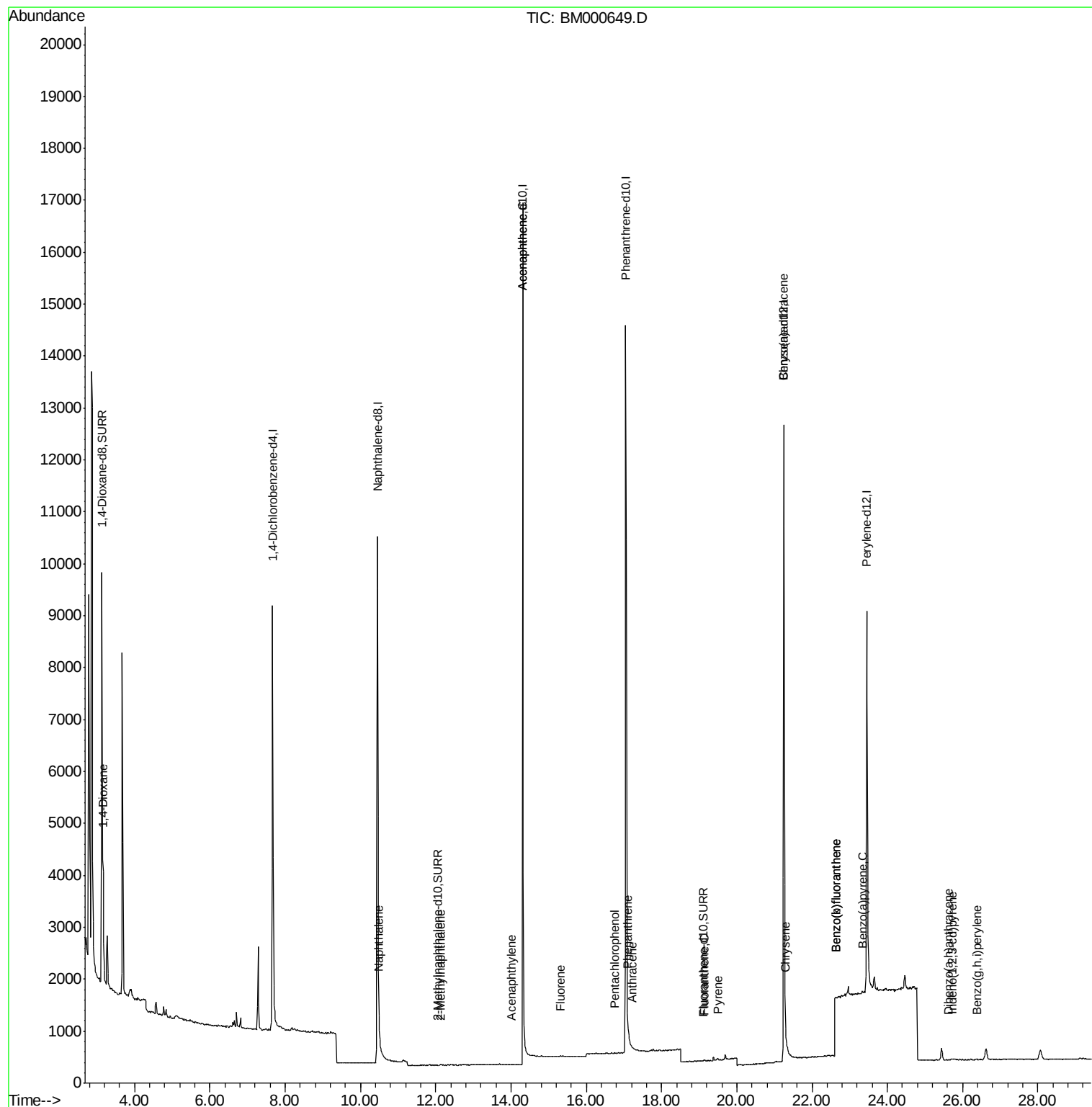
Target Compounds

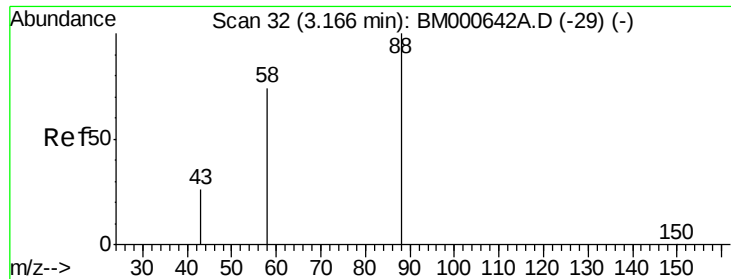
						Qvalue
3) 1,4-Dioxane	3.17	88	4037	0.69	ng/ul#	48
5) Naphthalene	10.49	128	34	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.14	142	11	0.00	ng/ul	87
9) Acenaphthylene	14.02	152	4	0.00	ng/ul#	1
10) Acenaphthene	14.31	153	6	0.00	ng/ul#	45
11) Fluorene	15.32	166	13	0.00	ng/ul#	35
13) Pentachlorophenol	16.76	266	14	0.01	ng/ul#	25
14) Phenanthrene	17.10	178	44	0.00	ng/ul#	1
15) Anthracene	17.22	178	31	0.00	ng/ul#	1
17) Fluoranthene	19.12	202	28	0.00	ng/ul#	1
19) Pyrene	19.50	202	37	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	67	0.00	ng/ul#	2
21) Chrysene	21.29	228	49	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.63	252	733	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	22.63	252	733	0.02	ng/ul#	1
25) Benzo(a)pyrene	23.35	252	54	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.73	276	34	0.00	ng/ul#	58
27) Dibenzo(a,h)anthracene	25.64	278	2	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.38	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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Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.69 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000649.D

Acq: 04 Mar 2015 15:23

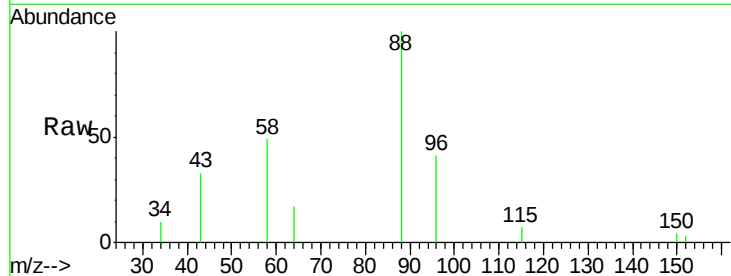
Tgt Ion: 88 Resp: 4037

Ion Ratio Lower Upper

88 100

58 27.8 55.4 83.2#

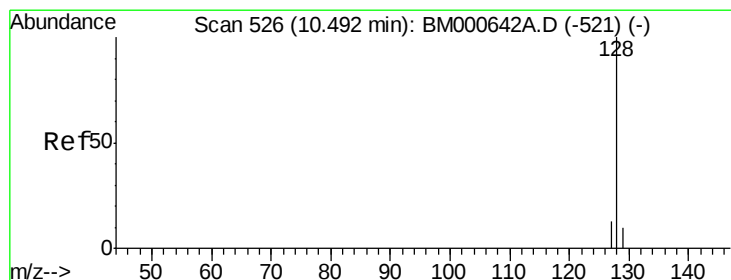
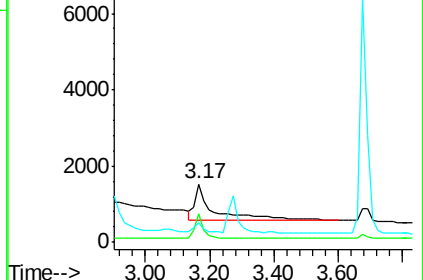
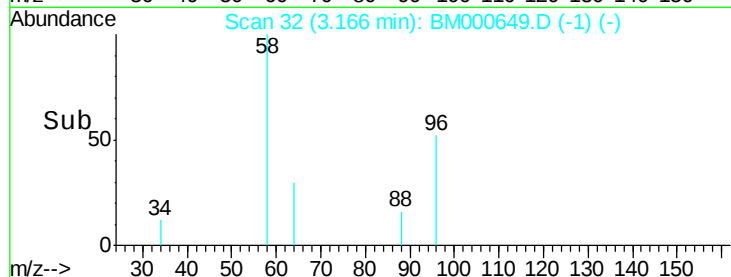
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000649.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM000649.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM000649.D (-1) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM000649.D

Acq: 04 Mar 2015 15:23

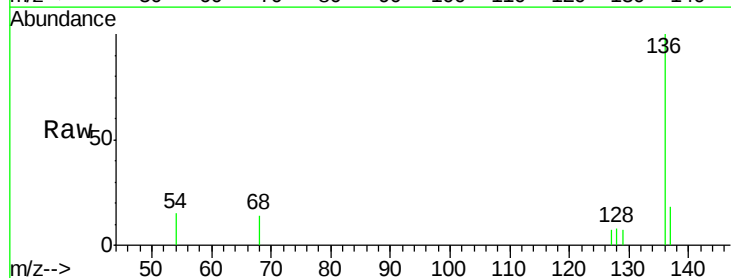
Tgt Ion: 128 Resp: 34

Ion Ratio Lower Upper

128 100

129 85.7 8.5 12.7#

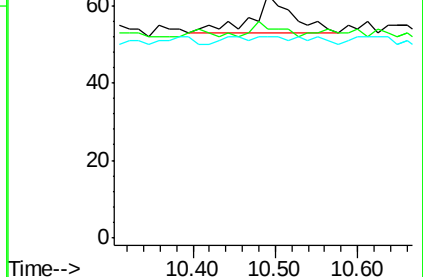
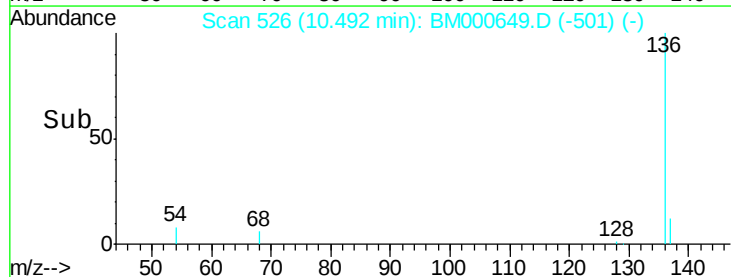
127 82.5 11.0 16.6#

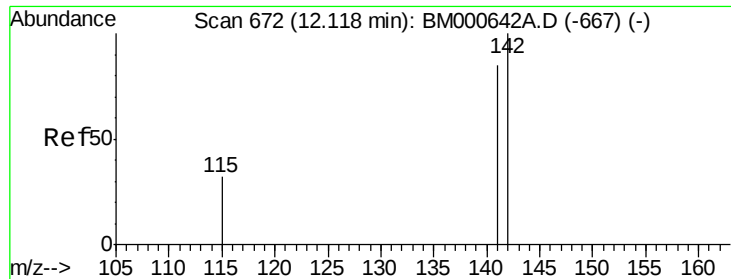


Abundance Ion 128.00 (127.70 to 128.70): BM000649.D (-501) (-)

Ion 129.00 (128.70 to 129.70): BM000649.D (-501) (-)

Ion 127.00 (126.70 to 127.70): BM000649.D (-501) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.14 min Scan# 674

Delta R.T. 0.02 min

Lab File: BM000649.D

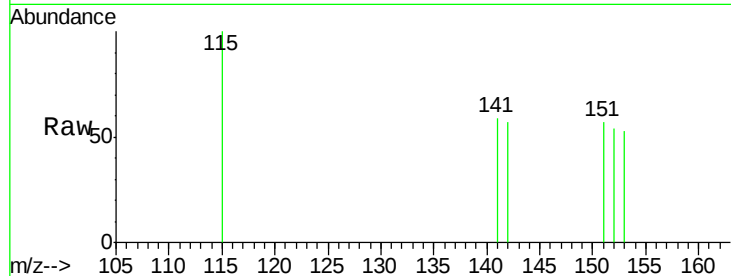
Acq: 04 Mar 2015 15:23

Tgt Ion:142 Resp: 11

Ion Ratio Lower Upper

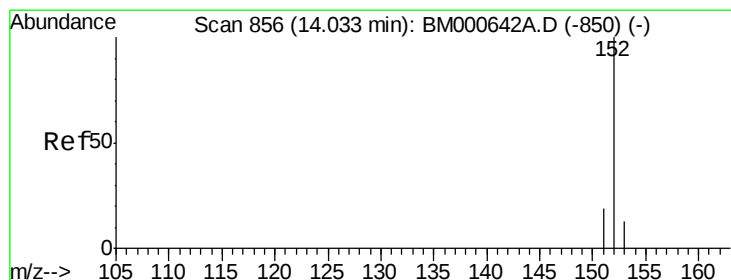
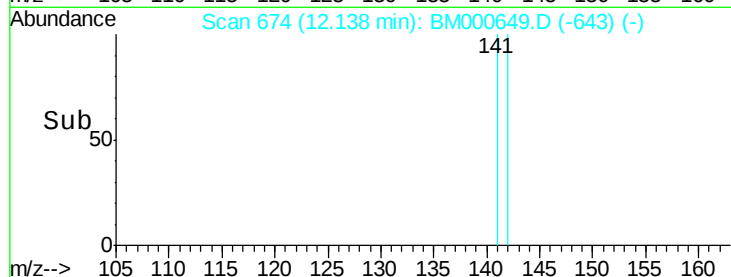
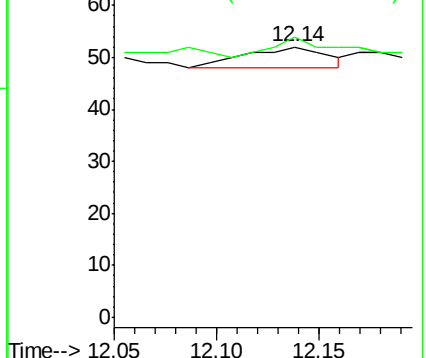
142 100

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



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM000649.D

Acq: 04 Mar 2015 15:23

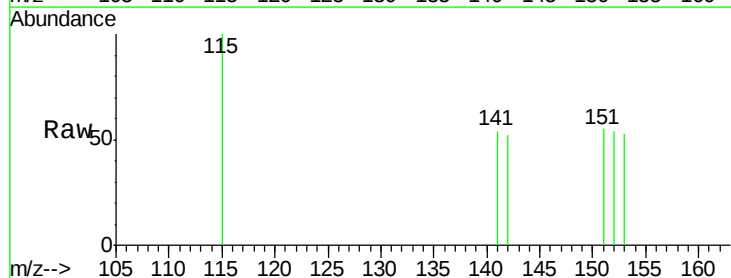
Tgt Ion:152 Resp: 4

Ion Ratio Lower Upper

152 100

151 101.9 16.0 24.0#

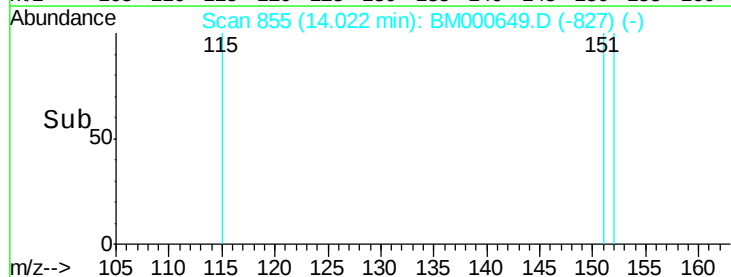
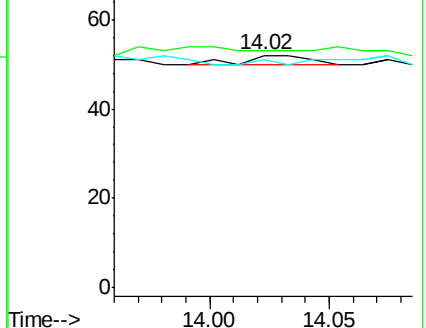
153 98.1 10.2 15.4#

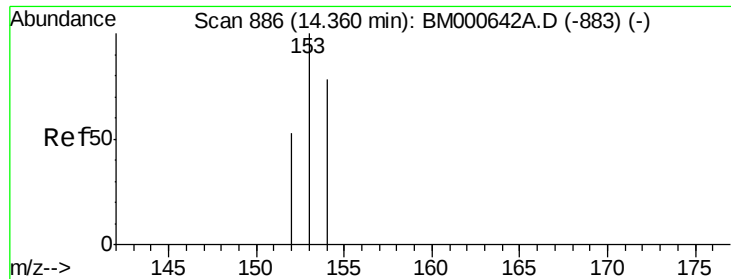


Abundance Ion 152.00 (151.70 to 152.70): E

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: 14.31 min Scan# 883

Delta R.T. -0.05 min

Lab File: BM000649.D

Acq: 04 Mar 2015 15:23

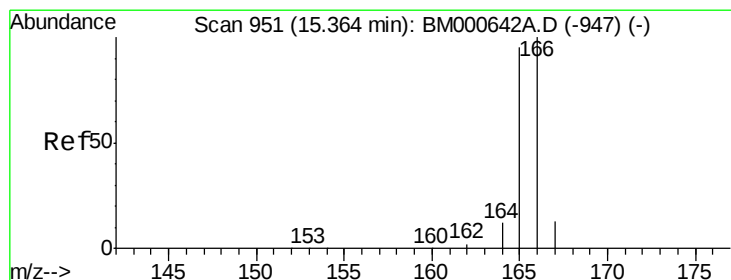
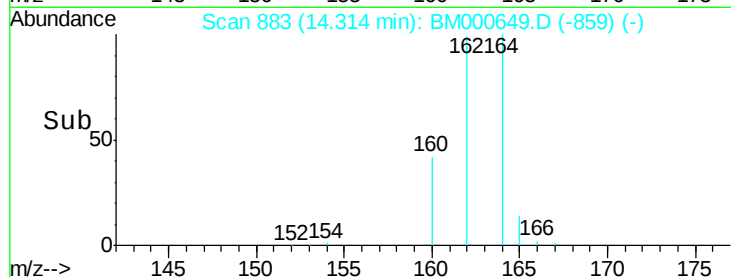
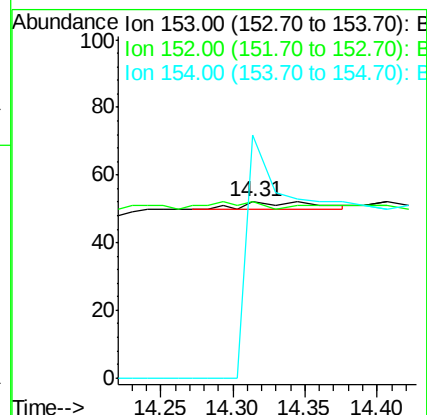
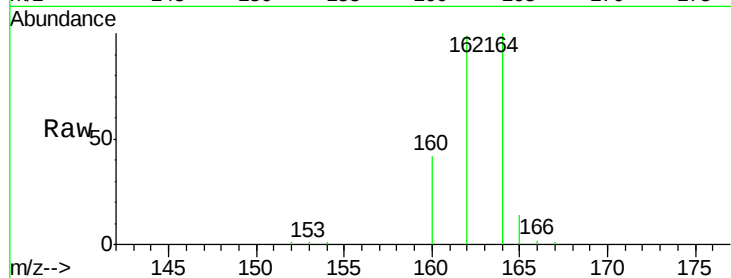
Tgt Ion:153 Resp: 6

Ion Ratio Lower Upper

153 100

152 100.0 34.2 51.2#

154 138.5 78.8 118.2#



#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.32 min Scan# 948

Delta R.T. -0.05 min

Lab File: BM000649.D

Acq: 04 Mar 2015 15:23

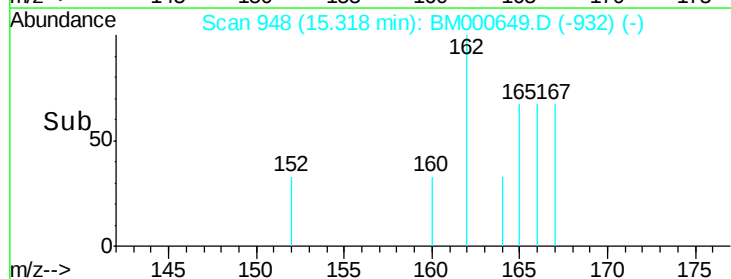
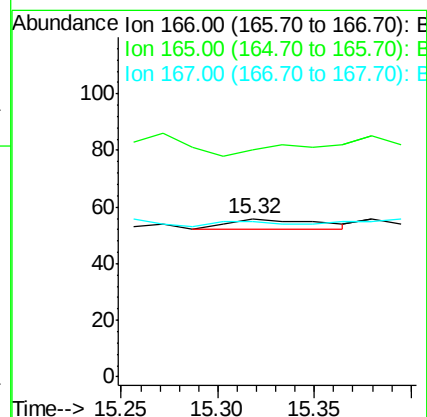
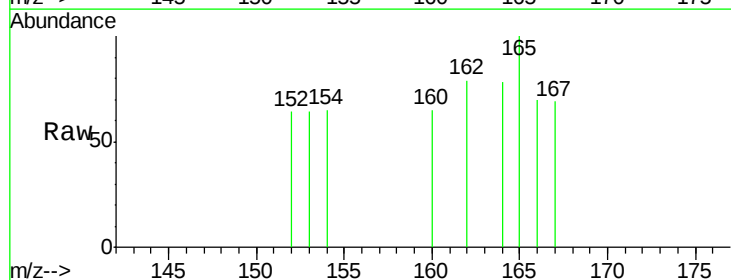
Tgt Ion:166 Resp: 13

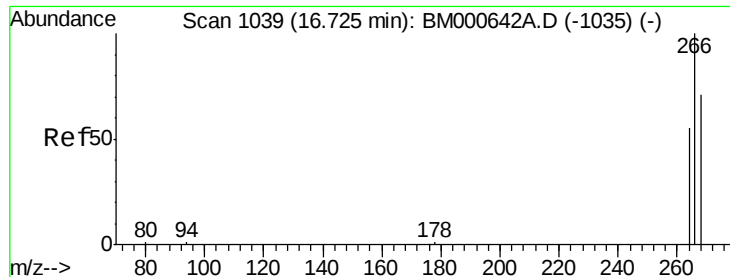
Ion Ratio Lower Upper

166 100

165 142.9 78.5 117.7#

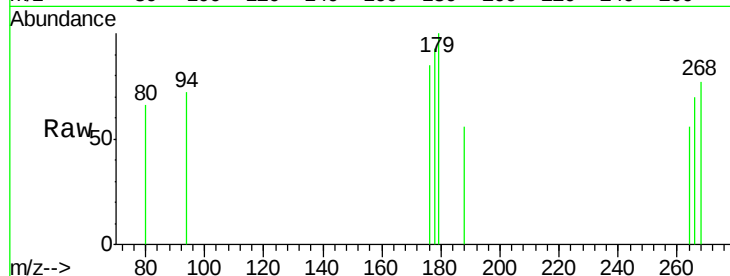
167 98.2 10.6 16.0#



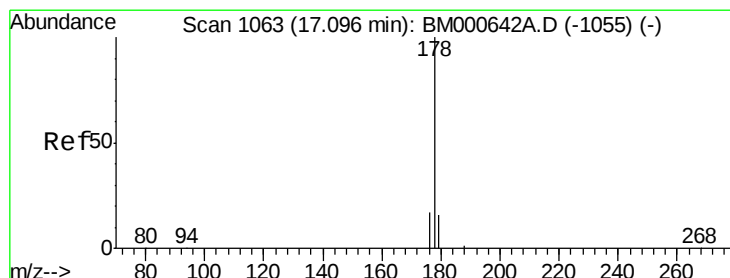
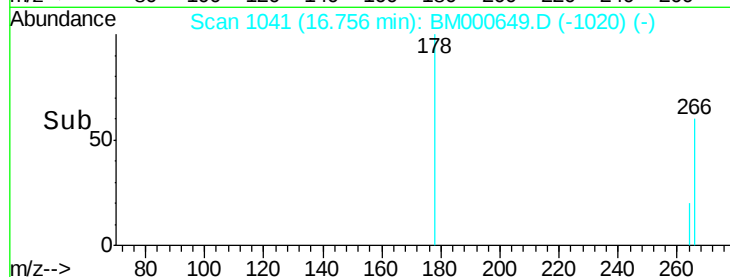
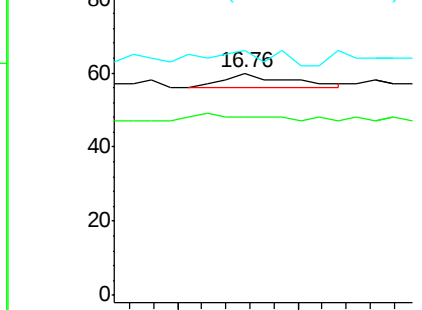


#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.76 min Scan# 1041
 Delta R.T. 0.03 min
 Lab File: BM000649.D
 Acq: 04 Mar 2015 15:23

Tgt Ion: 266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.0 76.4#
 268 114.3 49.4 74.2#

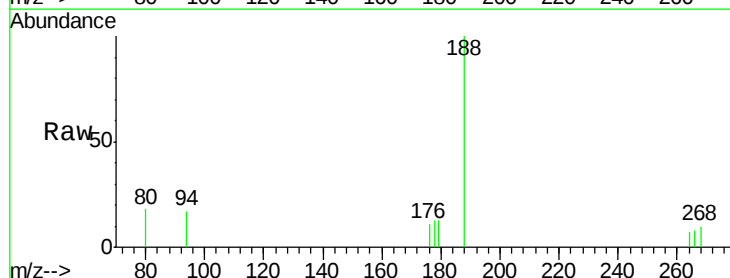


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

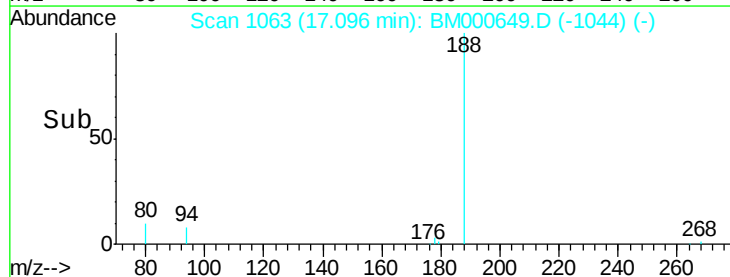
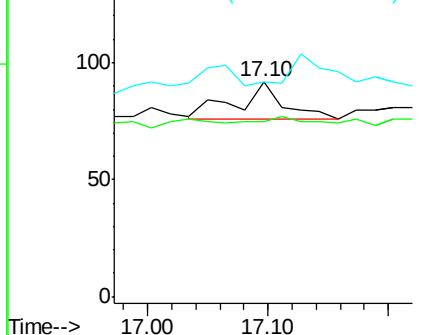


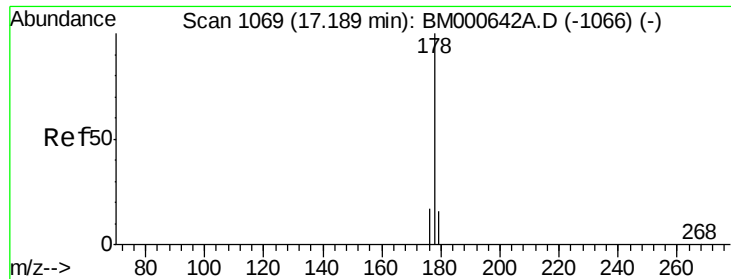
#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000649.D
 Acq: 04 Mar 2015 15:23

Tgt Ion: 178 Resp: 44
 Ion Ratio Lower Upper
 178 100
 176 81.5 14.8 22.2#
 179 100.0 12.7 19.1#



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





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.22 min Scan# 1071

Delta R.T. 0.03 min

Lab File: BM000649.D

Acq: 04 Mar 2015 15:23

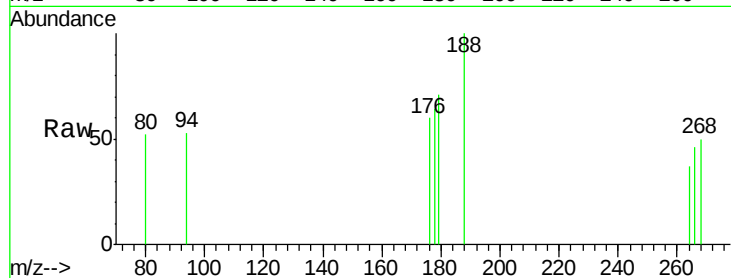
Tgt Ion:178 Resp: 31

Ion Ratio Lower Upper

178 100

176 92.8 14.2 21.4#

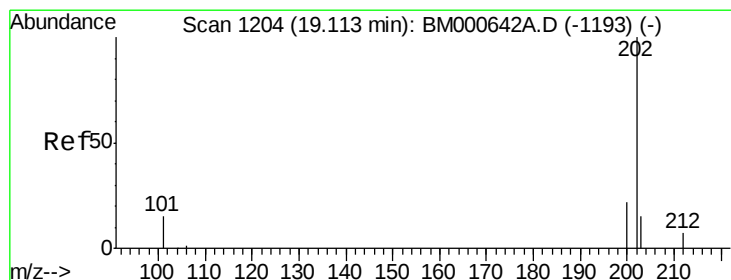
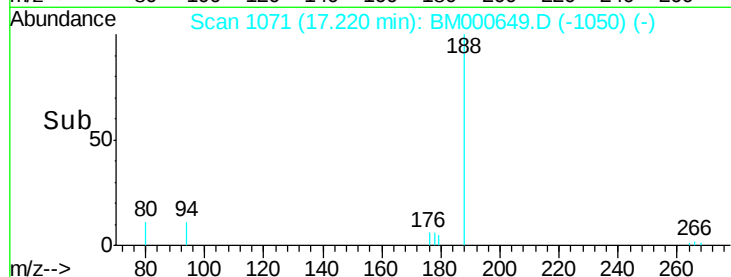
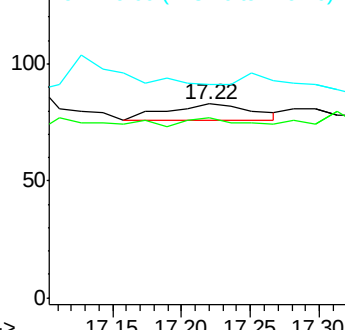
179 109.6 12.8 19.2#



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: 19.12 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BM000649.D

Acq: 04 Mar 2015 15:23

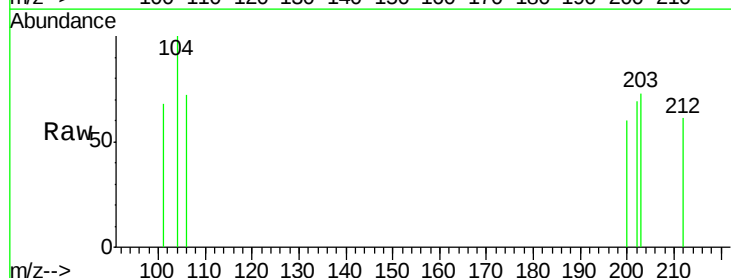
Tgt Ion:202 Resp: 28

Ion Ratio Lower Upper

202 100

101 98.4 0.0 27.0#

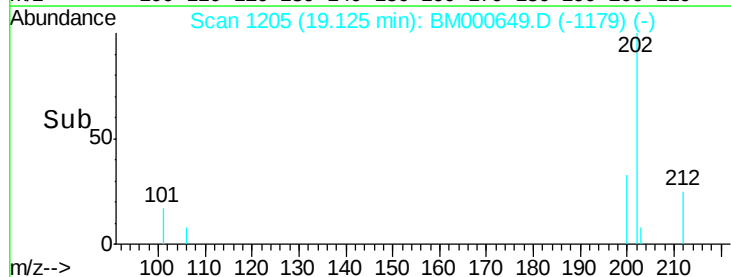
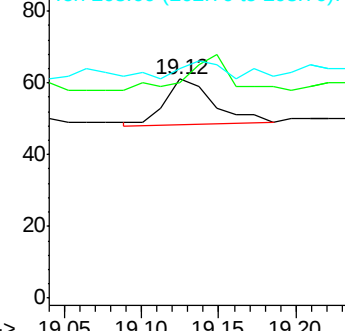
203 104.9 0.0 38.5#

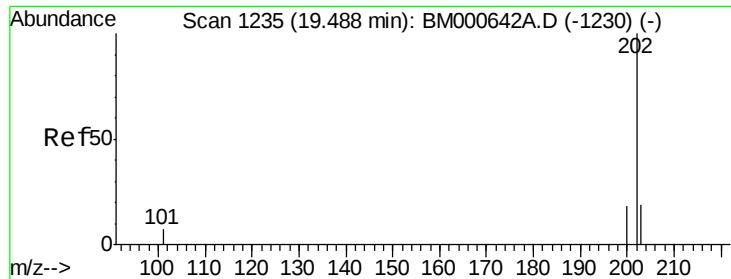


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM000649.D

Acq: 04 Mar 2015 15:23

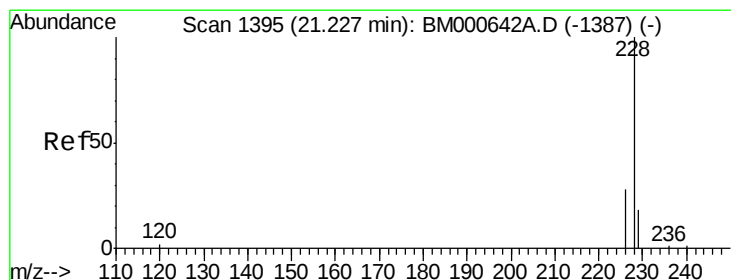
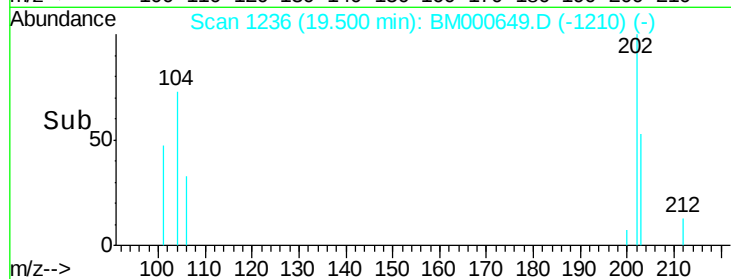
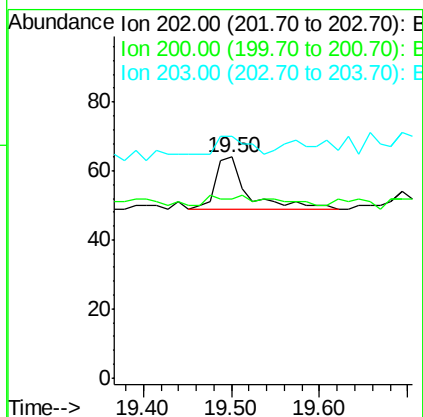
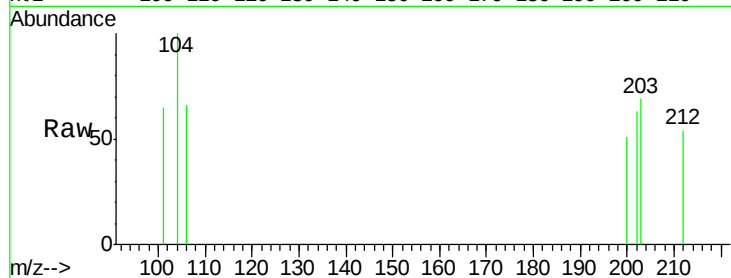
Tgt Ion: 202 Resp: 37

Ion Ratio Lower Upper

202 100

200 81.3 15.5 23.3#

203 109.4 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: BM000649.D

Acq: 04 Mar 2015 15:23

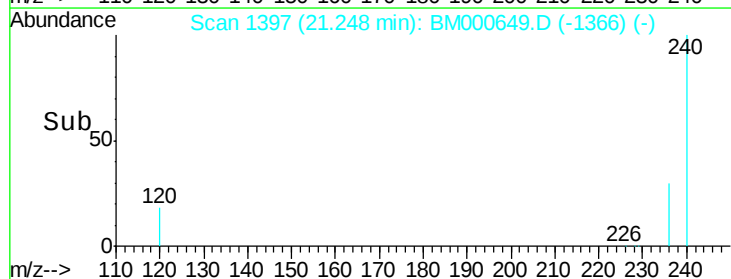
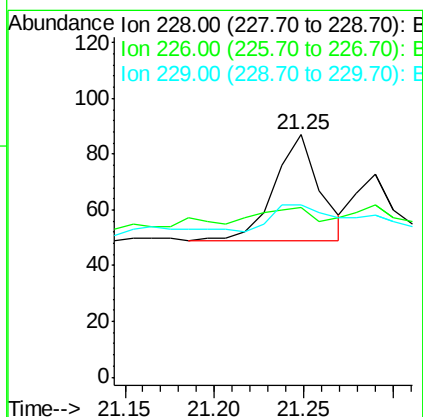
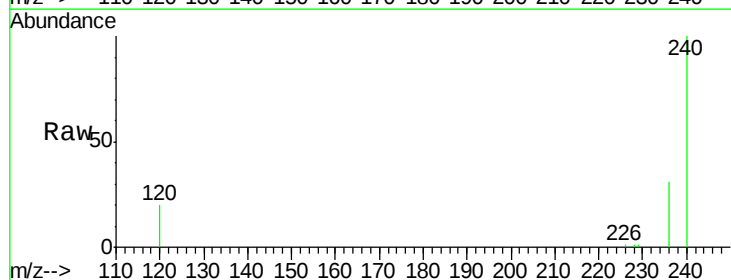
Tgt Ion: 228 Resp: 67

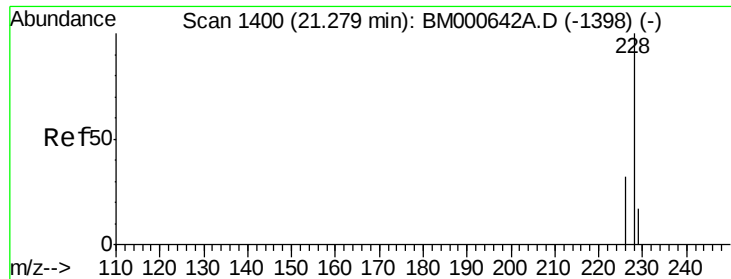
Ion Ratio Lower Upper

228 100

226 70.1 20.0 30.0#

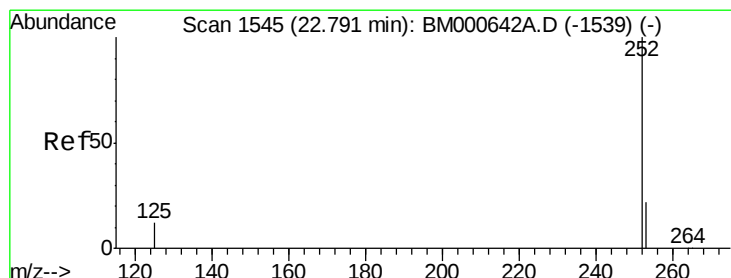
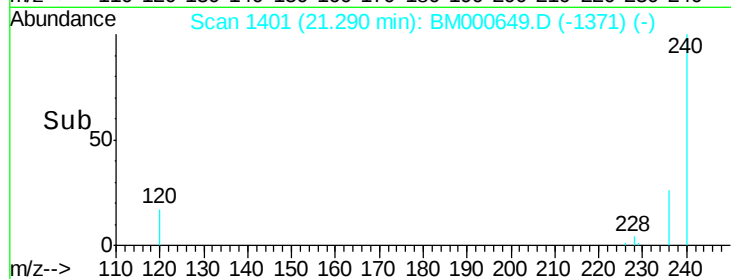
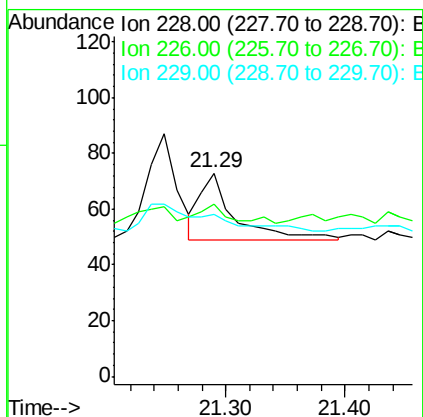
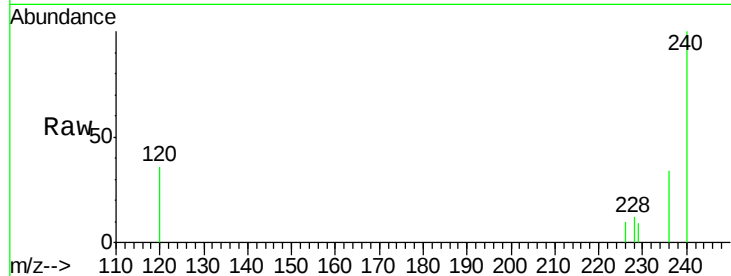
229 71.3 16.7 25.1#





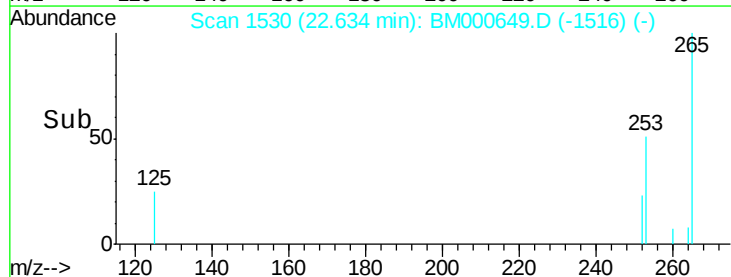
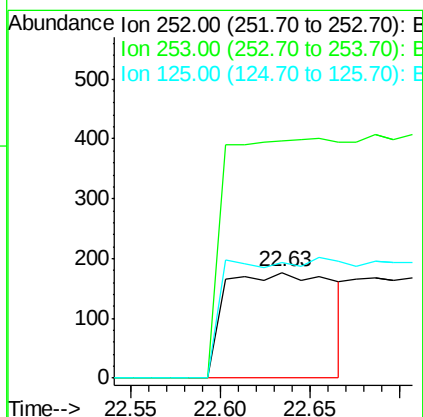
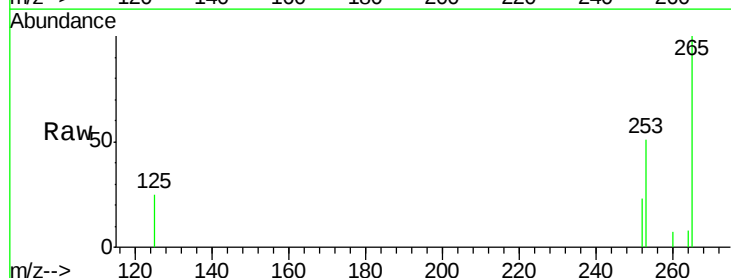
#21
Chrysene
Concen: 0.00 ng/ul
RT: 21.29 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BM000649.D
Acq: 04 Mar 2015 15:23

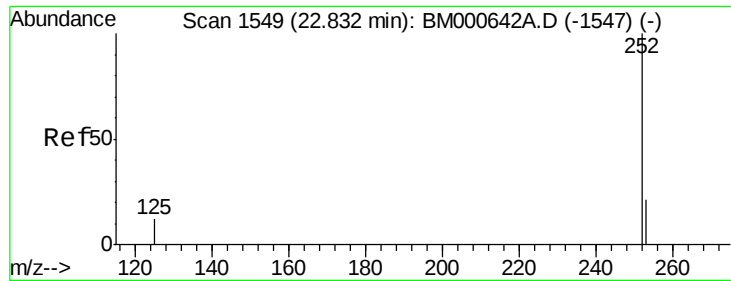
Tgt Ion: 228 Resp: 49
Ion Ratio Lower Upper
228 100
226 84.9 22.6 33.8#
229 79.5 16.4 24.6#



#23
Benzo(b)fluoranthene
Concen: 0.02 ng/ul
RT: 22.63 min Scan# 1530
Delta R.T. -0.16 min
Lab File: BM000649.D
Acq: 04 Mar 2015 15:23

Tgt Ion: 252 Resp: 733
Ion Ratio Lower Upper
252 100
253 223.7 0.0 51.2#
125 109.0 0.0 30.0#





#24

Benzo(k)fluoranthene

Concen: 0.02 ng/u1

RT: 22.63 min Scan# 1530

Delta R.T. -0.20 min

Lab File: BM000649.D

Acq: 04 Mar 2015 15:23

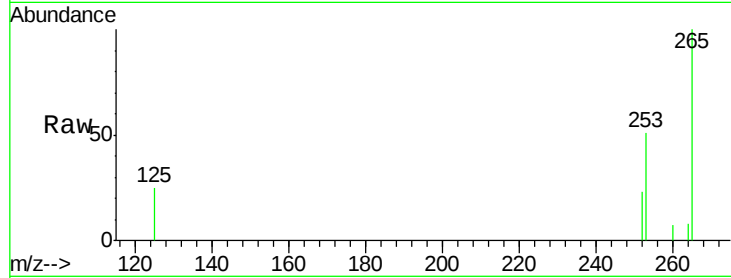
Tgt Ion: 252 Resp: 733

Ion Ratio Lower Upper

252 100

253 223.7 20.5 30.7#

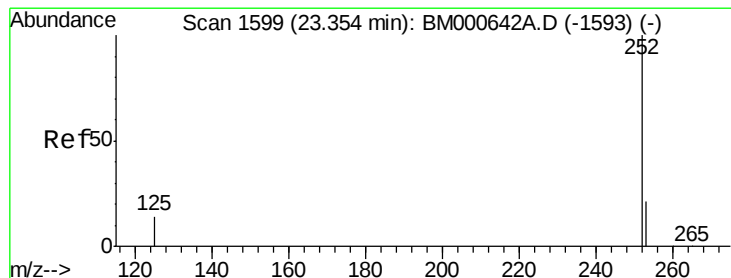
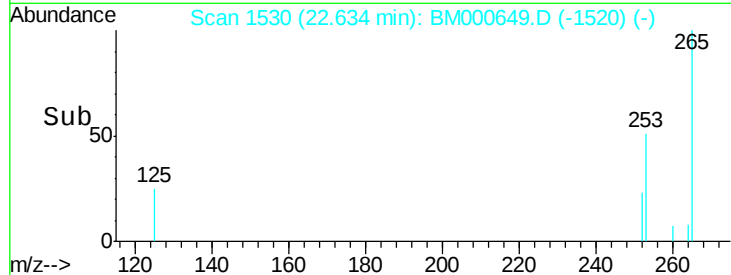
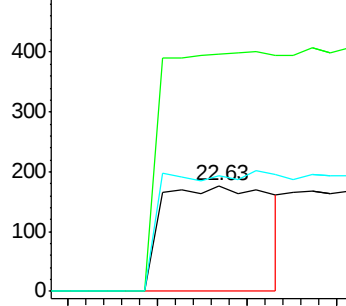
125 109.0 11.8 17.6#



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: 23.35 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BM000649.D

Acq: 04 Mar 2015 15:23

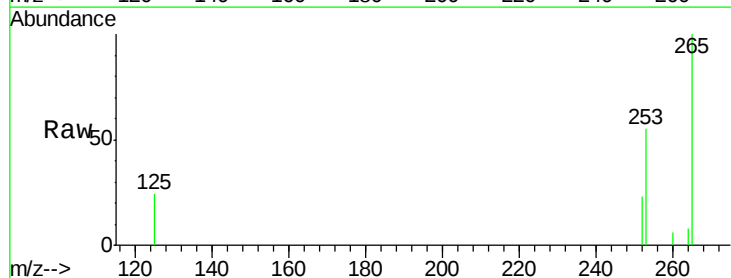
Tgt Ion: 252 Resp: 54

Ion Ratio Lower Upper

252 100

253 240.0 23.4 35.0#

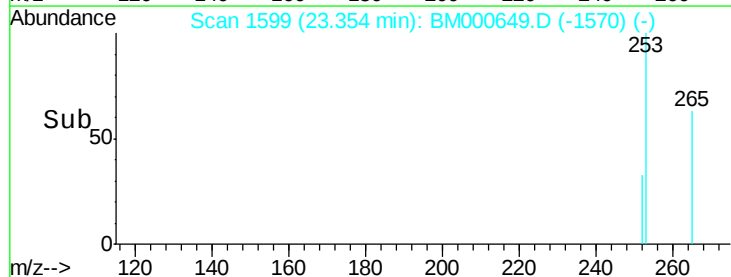
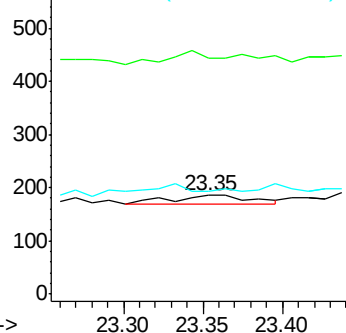
125 103.8 12.2 18.4#

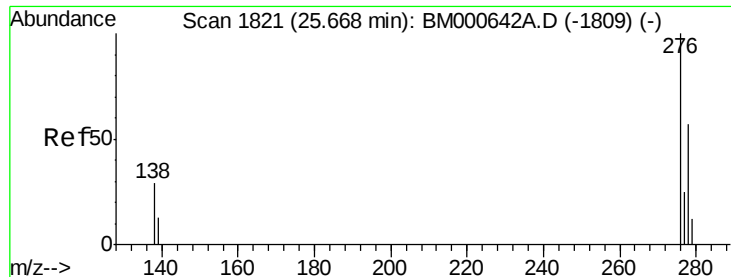


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

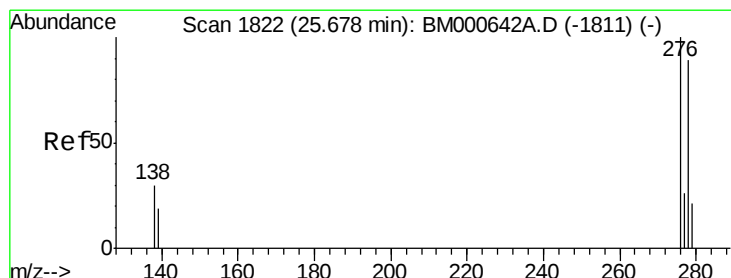
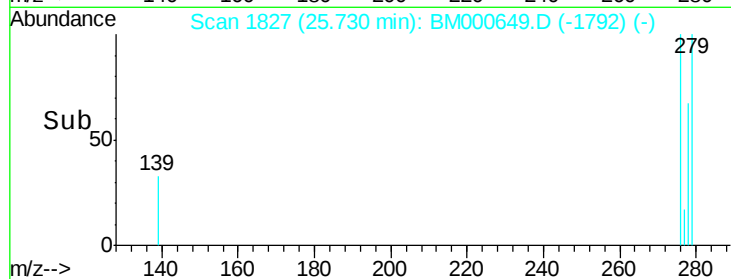
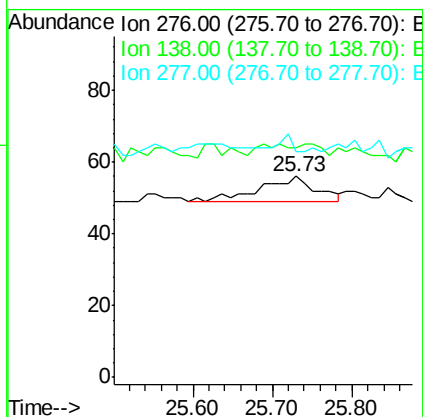
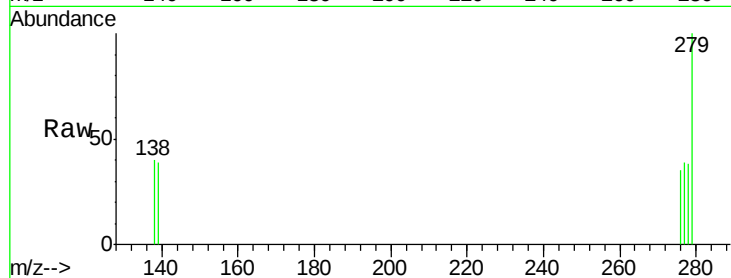




#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.73 min Scan# 1827
Delta R.T. 0.06 min
Lab File: BM000649.D
Acq: 04 Mar 2015 15:23

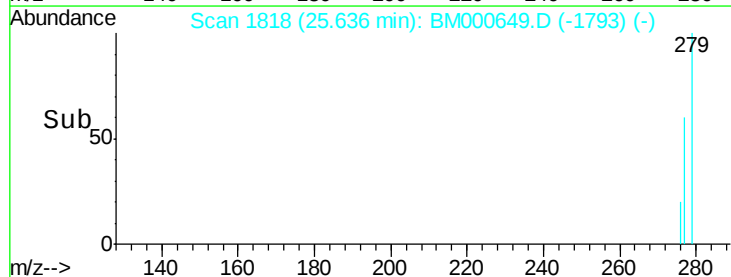
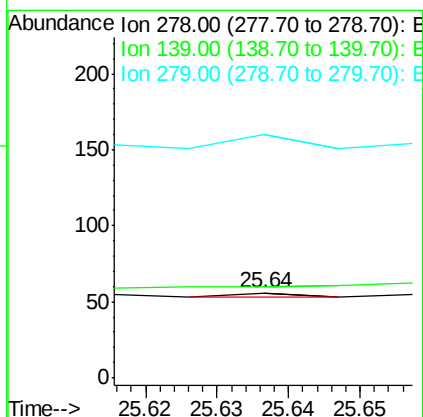
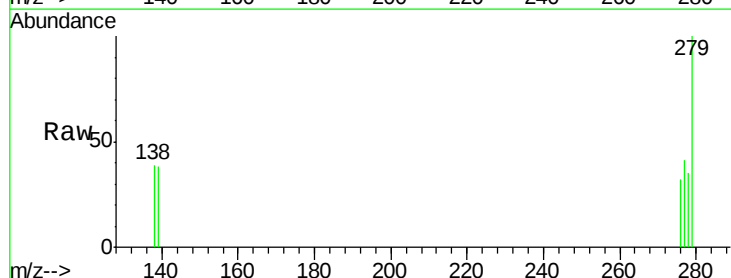
Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.8	35.8#
277	11.8	19.7	29.5#

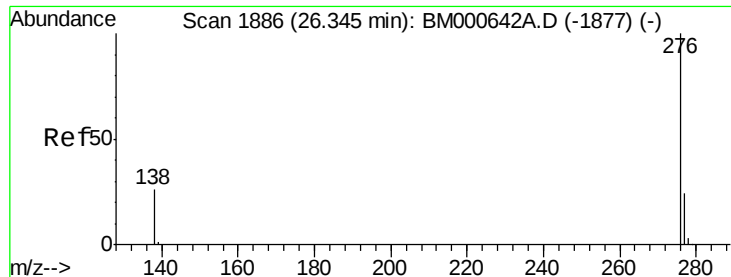


#27

Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.64 min Scan# 1818
Delta R.T. -0.04 min
Lab File: BM000649.D
Acq: 04 Mar 2015 15:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	107.1	17.0	25.6#
279	285.7	22.3	33.5#





#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: BM000649.D

Acq: 04 Mar 2015 15:23

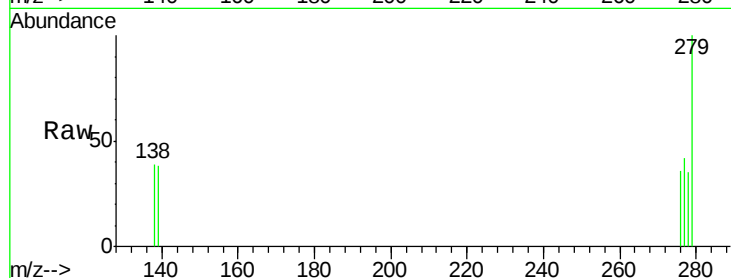
Tgt Ion: 276 Resp: 41

Ion Ratio Lower Upper

276 100

277 115.5 19.9 29.9#

138 106.9 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

