

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000644.D
 Acq On : 04 Mar 2015 12:25
 Operator : TP/IZ
 Sample : MDL-01-W
 Misc : MDL-WATER-0.4PPM
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 04 23:33:07 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	4654	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	15643	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.31	164	6865	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	14881	0.40	ng/ul	0.02
18) Chrysene-d12	21.26	240	11087	0.40	ng/ul	0.01
22) Perylene-d12	23.46	264	9866	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	7200	2.12	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.11	152	4	0.00	ng/ul	0.06
16) Fluoranthene-d10	19.11	212	13	0.00	ng/ul	0.02

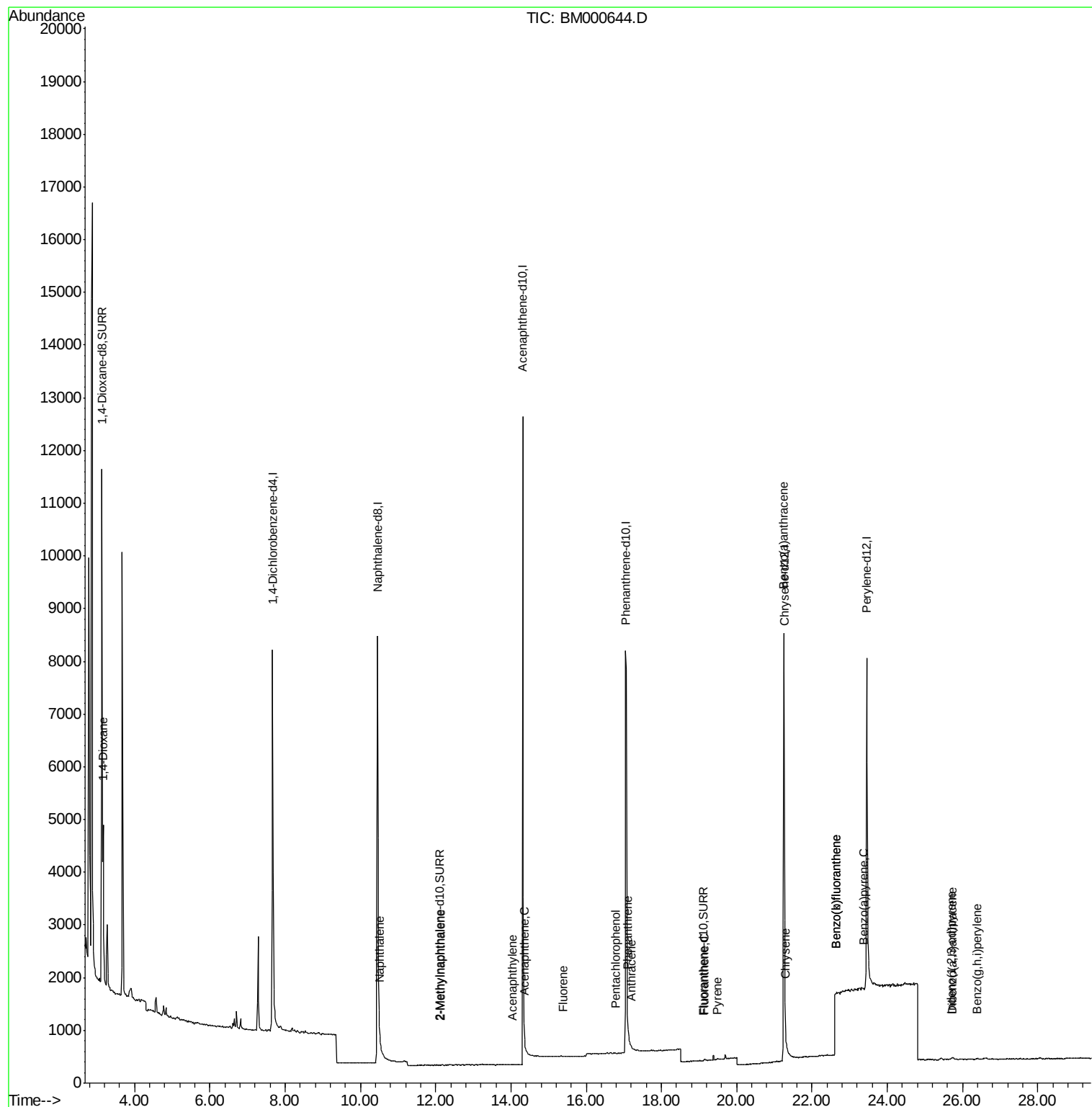
Target Compounds

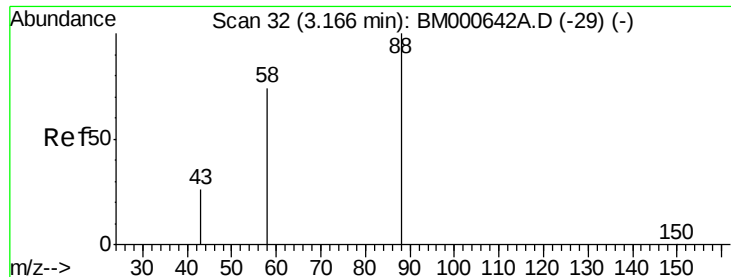
						Qvalue
3) 1,4-Dioxane	3.17	88	4292	0.82	ng/ul#	57
5) Naphthalene	10.50	128	25	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.14	142	7	0.00	ng/ul	97
9) Acenaphthylene	14.03	152	6	0.00	ng/ul#	1
10) Acenaphthene	14.36	153	13	0.00	ng/ul#	73
11) Fluorene	15.40	166	20	0.00	ng/ul#	36
13) Pentachlorophenol	16.77	266	3	0.00	ng/ul#	1
14) Phenanthrene	17.10	178	43	0.00	ng/ul#	1
15) Anthracene	17.19	178	20	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	33	0.00	ng/ul#	1
19) Pyrene	19.49	202	28	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.25	228	59	0.00	ng/ul#	1
21) Chrysene	21.29	228	29	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.63	252	749	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	22.63	252	749	0.02	ng/ul#	1
25) Benzo(a)pyrene	23.36	252	58	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.71	276	54	0.00	ng/ul#	47
27) Dibenzo(a,h)anthracene	25.72	278	19	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.39	276	44	0.00	ng/ul#	1

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

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Quant Time: Mar 04 23:33:07 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





#3

1,4-Dioxane

Concen: 0.82 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000644.D

Acq: 04 Mar 2015 12:25

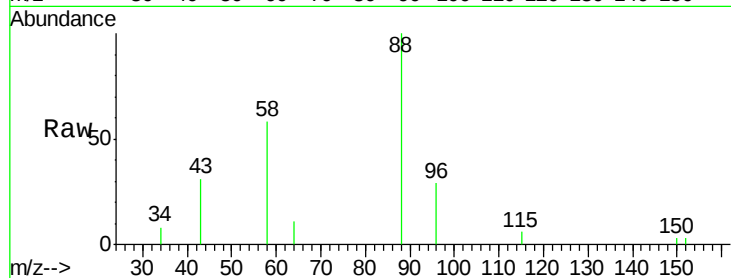
Tgt Ion: 88 Resp: 4292

Ion Ratio Lower Upper

88 100

58 38.8 55.4 83.2#

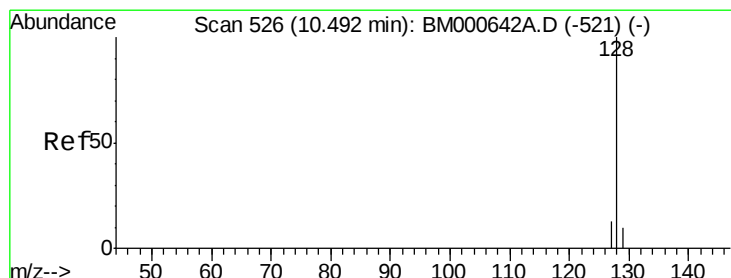
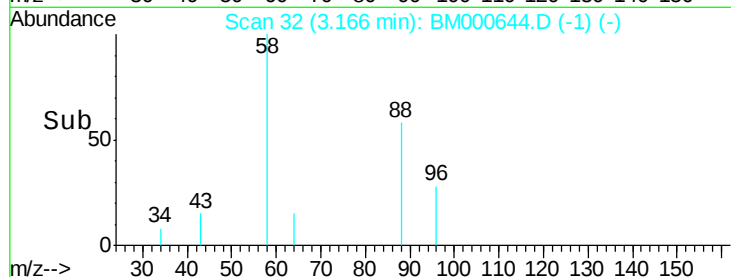
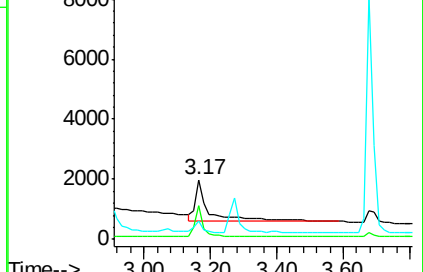
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000644.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000644.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000644.D (-29) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM000644.D

Acq: 04 Mar 2015 12:25

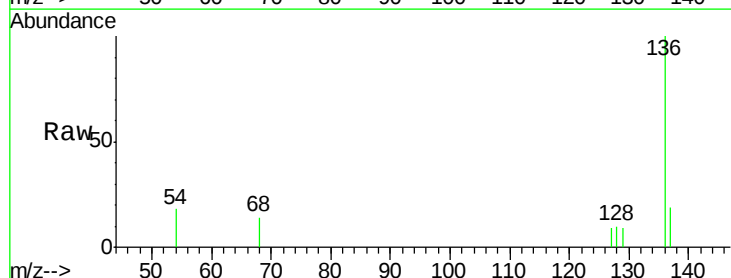
Tgt Ion: 128 Resp: 25

Ion Ratio Lower Upper

128 100

129 90.0 8.5 12.7#

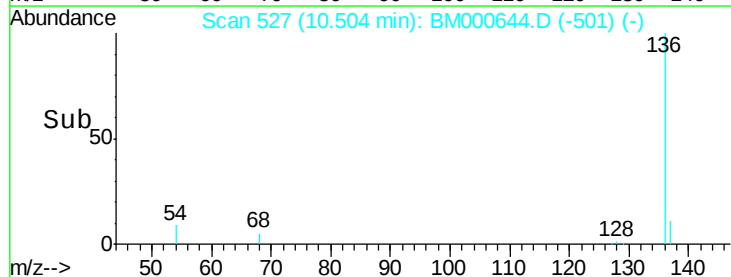
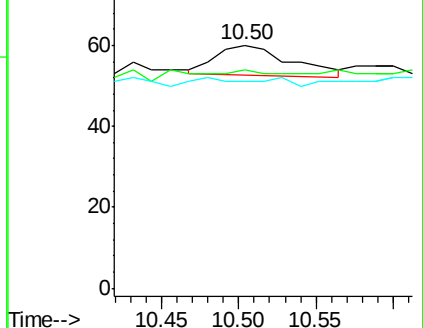
127 85.0 11.0 16.6#

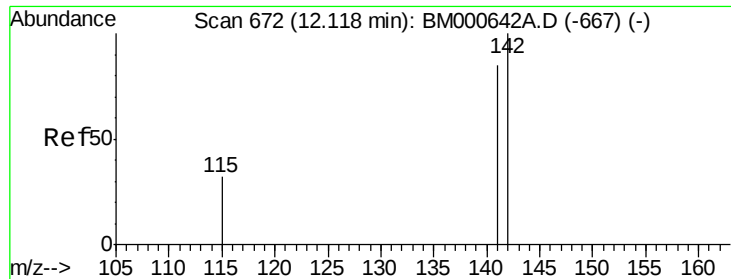


Abundance Ion 128.00 (127.70 to 128.70): BM000644.D (-521) (-)

Ion 129.00 (128.70 to 129.70): BM000644.D (-521) (-)

Ion 127.00 (126.70 to 127.70): BM000644.D (-521) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.14 min Scan# 674

Delta R.T. 0.02 min

Lab File: BM000644.D

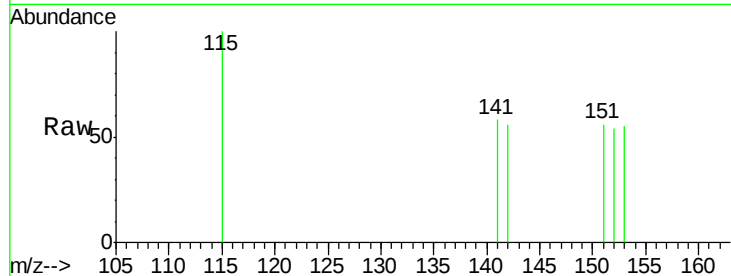
Acq: 04 Mar 2015 12:25

Tgt Ion:142 Resp: 7

Ion Ratio Lower Upper

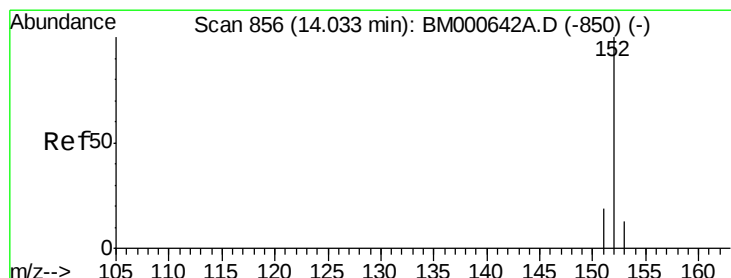
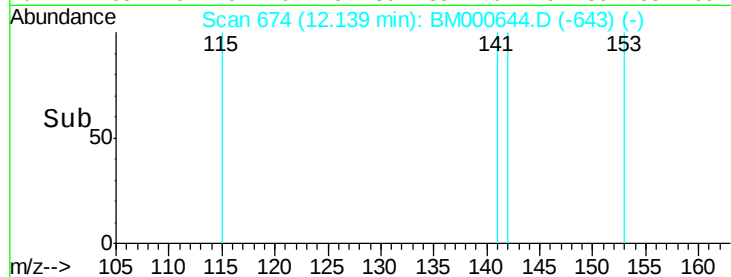
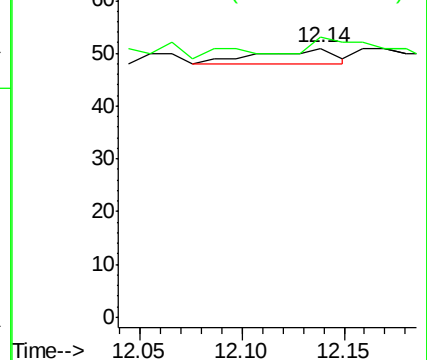
142 100

141 85.7 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: BM000644.D

Acq: 04 Mar 2015 12:25

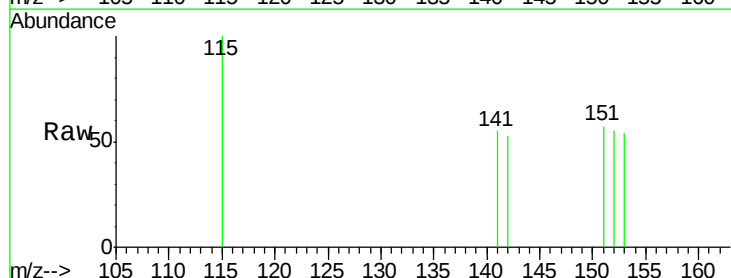
Tgt Ion:152 Resp: 6

Ion Ratio Lower Upper

152 100

151 102.0 16.0 24.0#

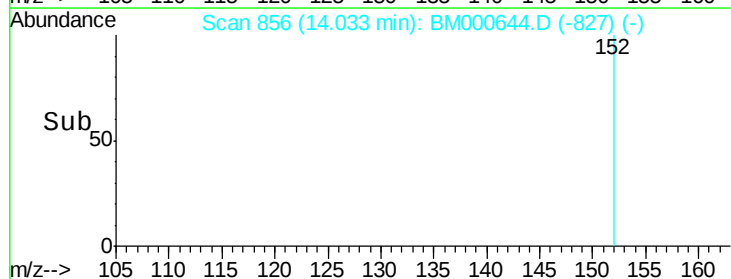
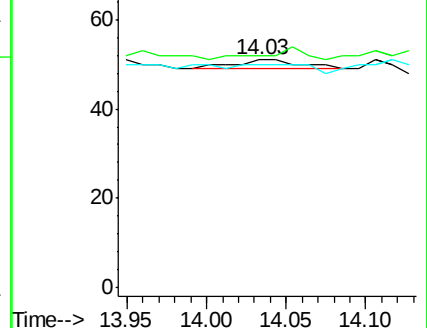
153 98.0 10.2 15.4#

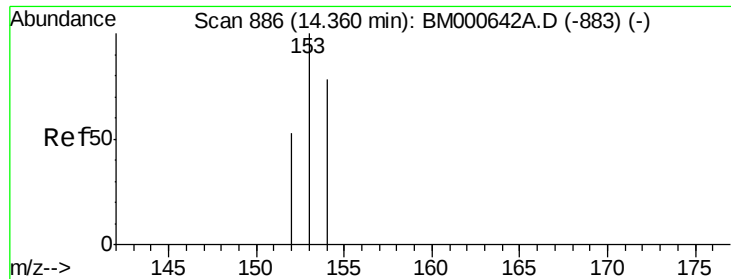


Abundance Ion 152.00 (151.70 to 152.70): E

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: BM000644.D

Acq: 04 Mar 2015 12:25

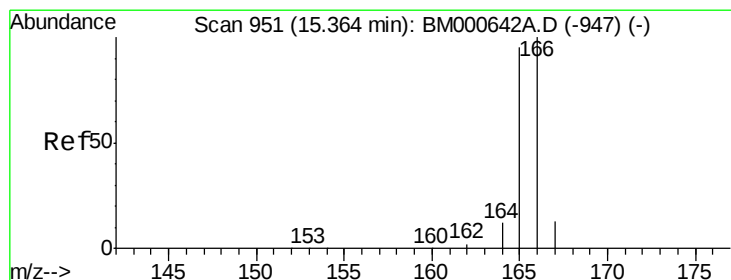
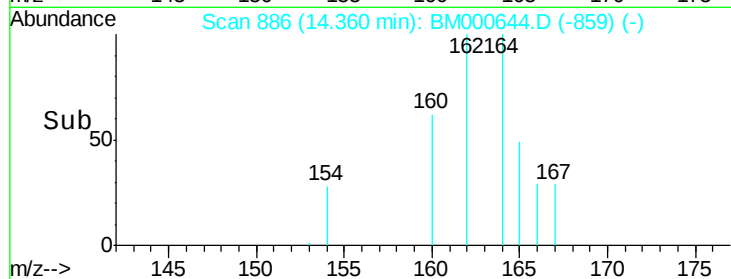
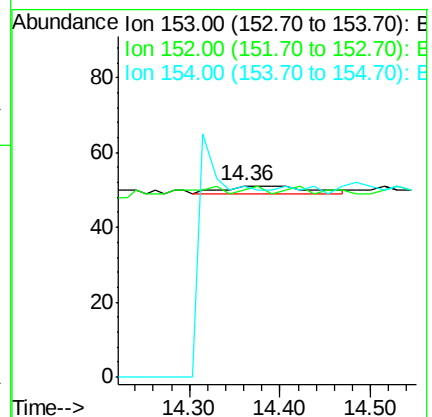
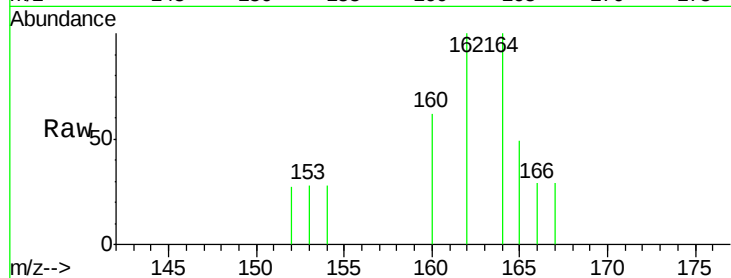
Tgt Ion:153 Resp: 13

Ion Ratio Lower Upper

153 100

152 98.0 34.2 51.2#

154 100.0 78.8 118.2



#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.40 min Scan# 953

Delta R.T. 0.03 min

Lab File: BM000644.D

Acq: 04 Mar 2015 12:25

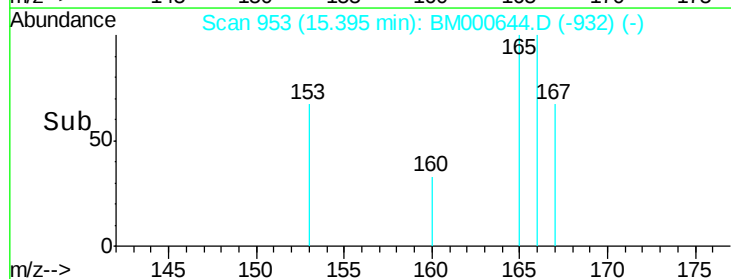
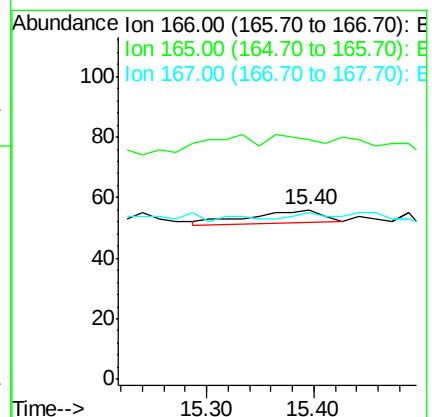
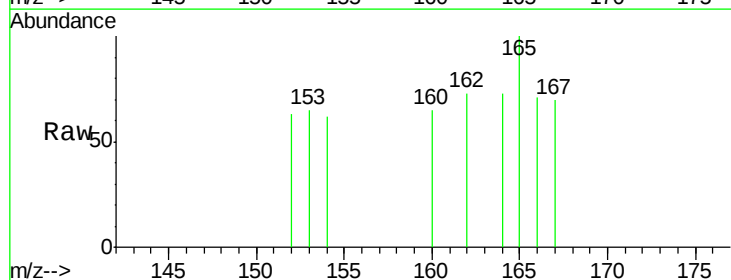
Tgt Ion:166 Resp: 20

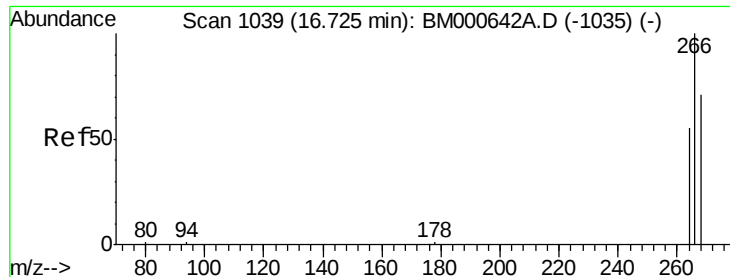
Ion Ratio Lower Upper

166 100

165 141.1 78.5 117.7#

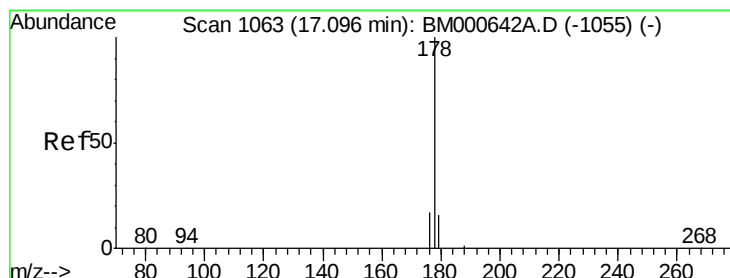
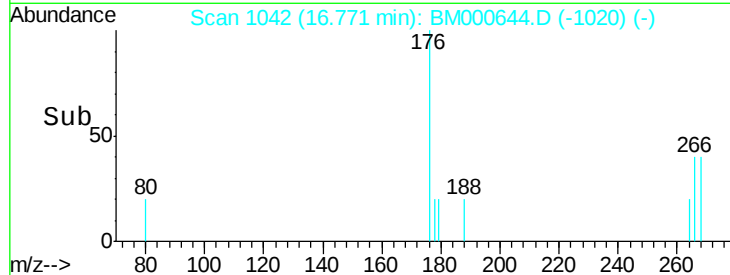
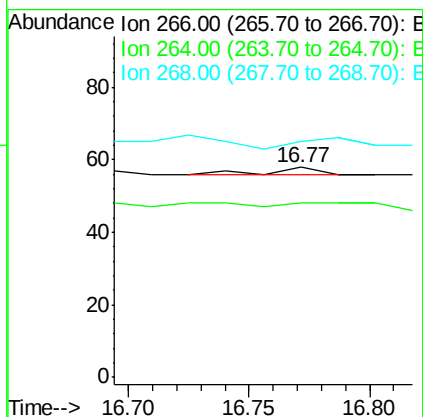
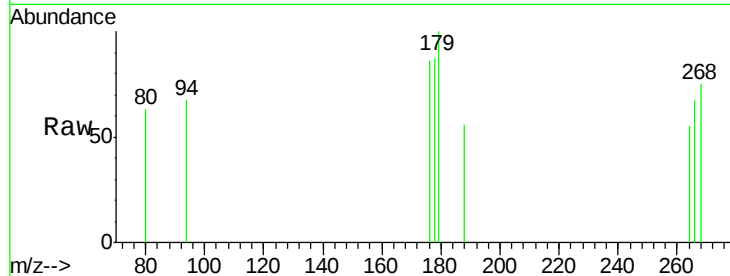
167 98.2 10.6 16.0#





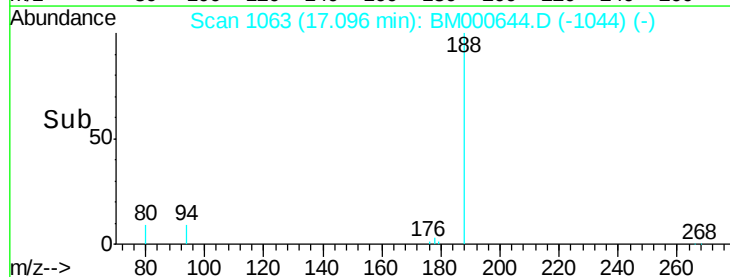
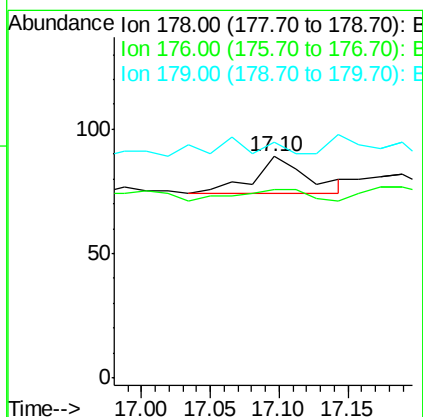
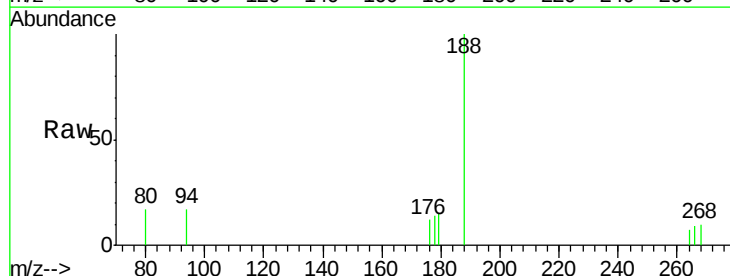
#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.77 min Scan# 1042
 Delta R.T. 0.05 min
 Lab File: BM000644.D
 Acq: 04 Mar 2015 12:25

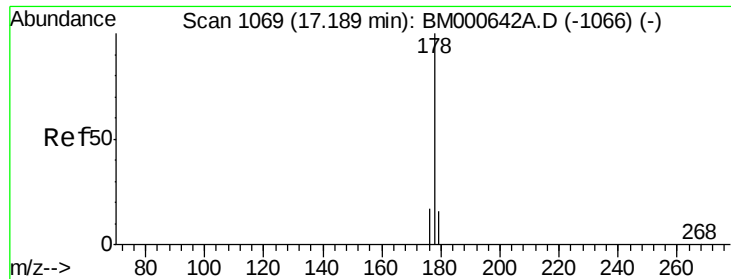
Tgt Ion: 266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 400.0 51.0 76.4#
 268 500.0 49.4 74.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000644.D
 Acq: 04 Mar 2015 12:25

Tgt Ion: 178 Resp: 43
 Ion Ratio Lower Upper
 178 100
 176 85.4 14.8 22.2#
 179 106.7 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: BM000644.D

Acq: 04 Mar 2015 12:25

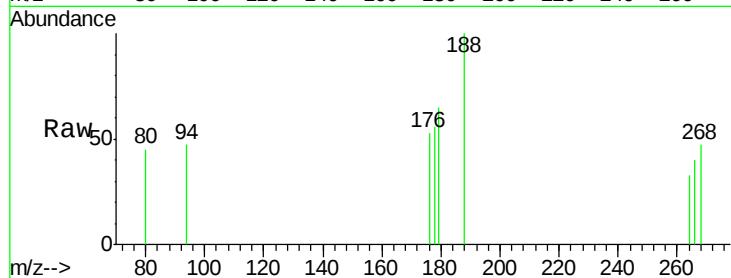
Tgt Ion:178 Resp: 20

Ion Ratio Lower Upper

178 100

176 93.9 14.2 21.4#

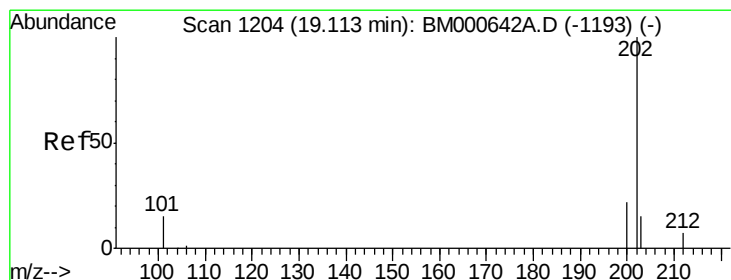
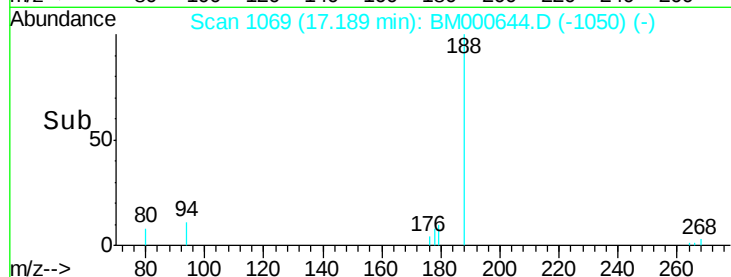
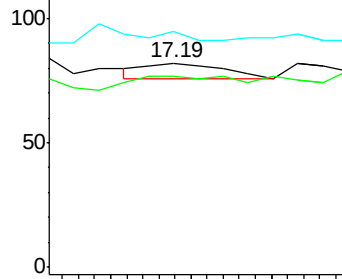
179 115.9 12.8 19.2#



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: BM000644.D

Acq: 04 Mar 2015 12:25

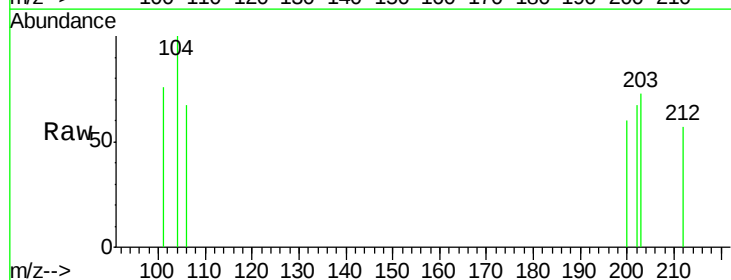
Tgt Ion:202 Resp: 33

Ion Ratio Lower Upper

202 100

101 113.3 0.0 27.0#

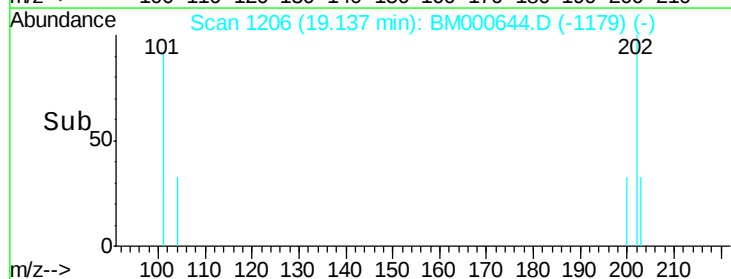
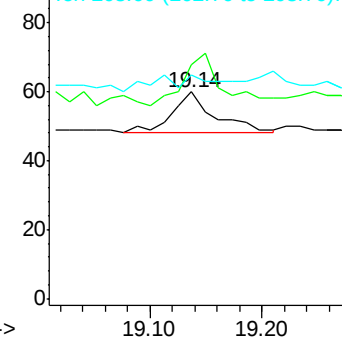
203 108.3 0.0 38.5#

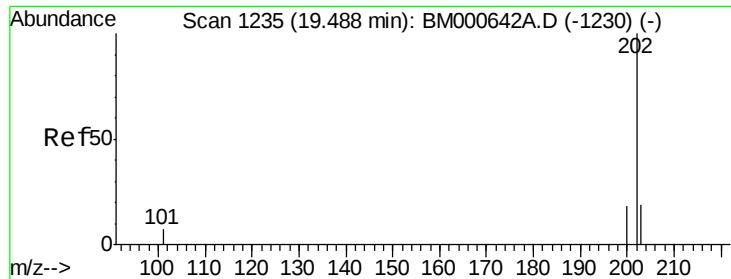


Abundance Ion 202.00 (201.70 to 202.70): E

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: 19.49 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM000644.D

Acq: 04 Mar 2015 12:25

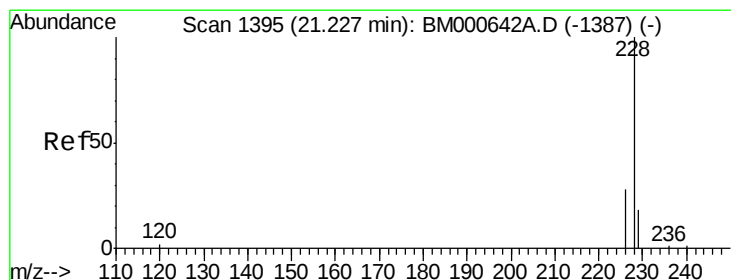
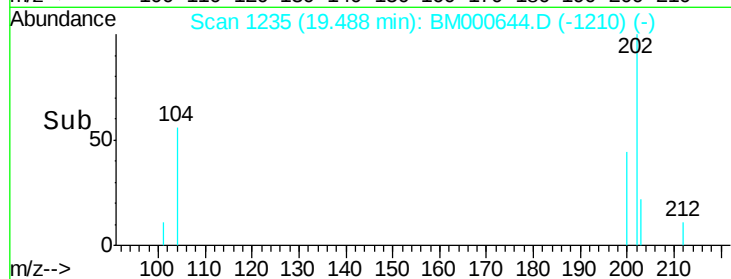
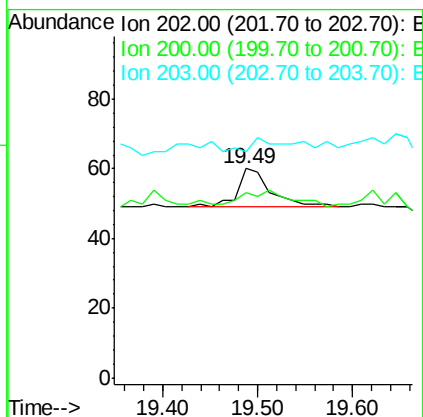
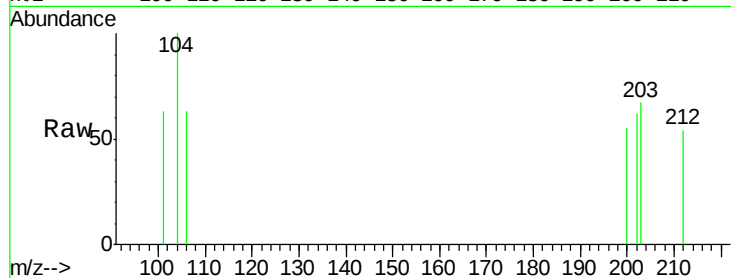
Tgt Ion: 202 Resp: 28

Ion Ratio Lower Upper

202 100

200 88.3 15.5 23.3#

203 108.3 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: BM000644.D

Acq: 04 Mar 2015 12:25

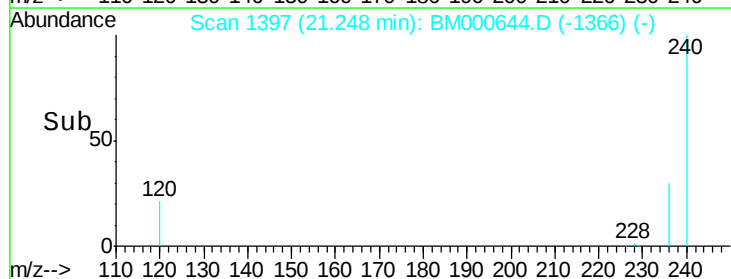
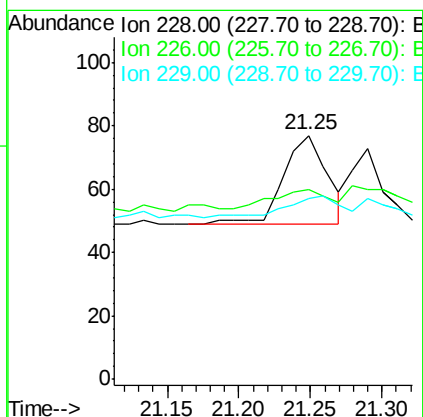
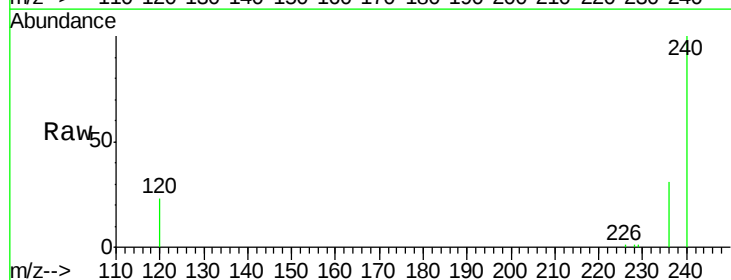
Tgt Ion: 228 Resp: 59

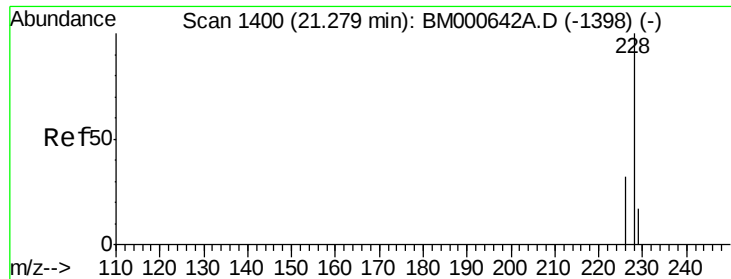
Ion Ratio Lower Upper

228 100

226 77.9 20.0 30.0#

229 74.0 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: BM000644.D

Acq: 04 Mar 2015 12:25

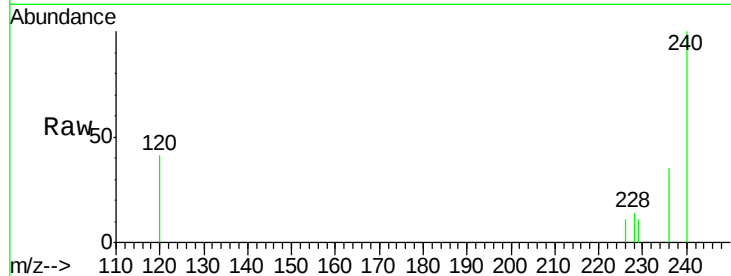
Tgt Ion: 228 Resp: 29

Ion Ratio Lower Upper

228 100

226 82.2 22.6 33.8#

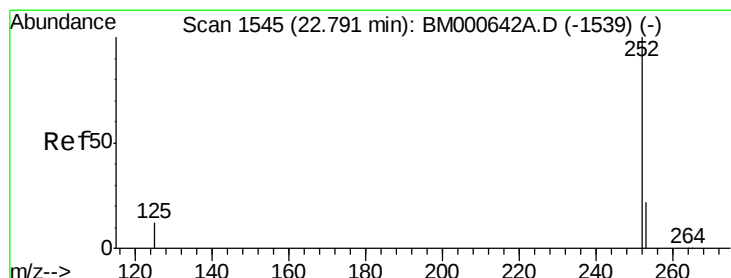
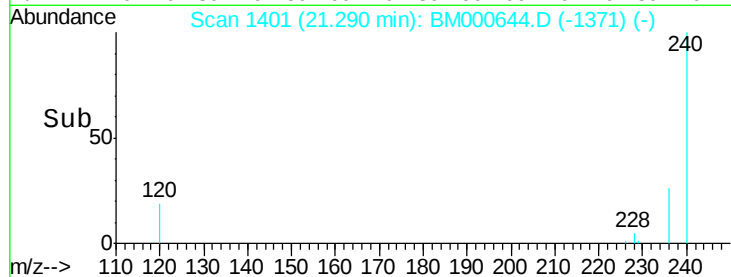
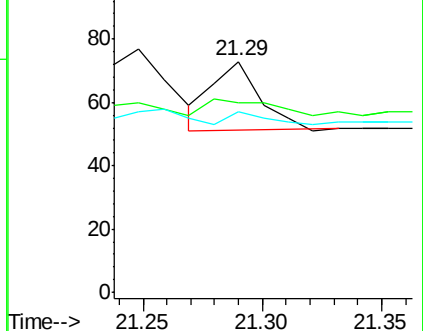
229 78.1 16.4 24.6#



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: 0.02 ng/ul

RT: 22.63 min Scan# 1530

Delta R.T. -0.16 min

Lab File: BM000644.D

Acq: 04 Mar 2015 12:25

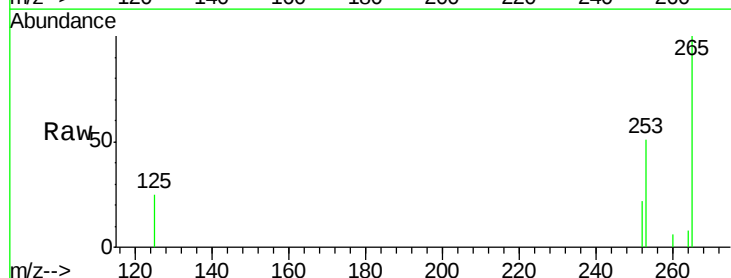
Tgt Ion: 252 Resp: 749

Ion Ratio Lower Upper

252 100

253 232.8 0.0 51.2#

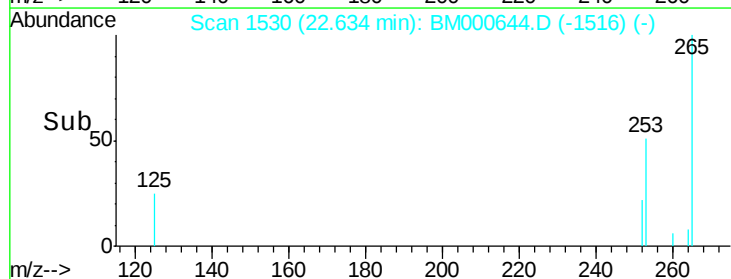
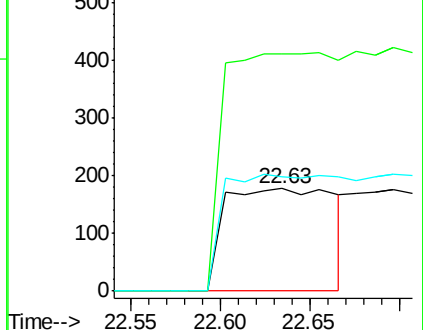
125 112.4 0.0 30.0#

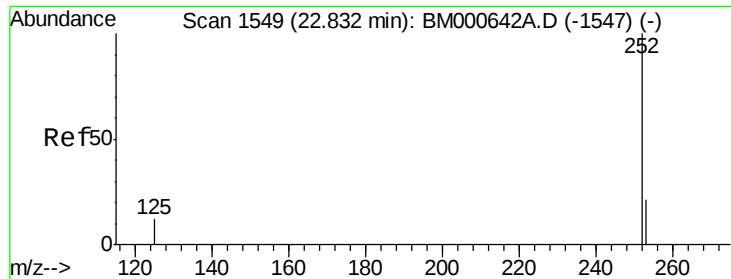


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.02 ng/u1

RT: 22.63 min Scan# 1530

Delta R.T. -0.20 min

Lab File: BM000644.D

Acq: 04 Mar 2015 12:25

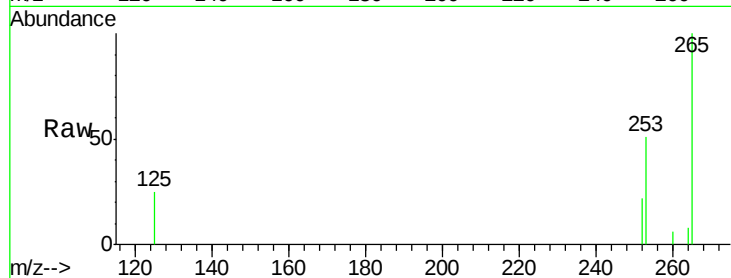
Tgt Ion: 252 Resp: 749

Ion Ratio Lower Upper

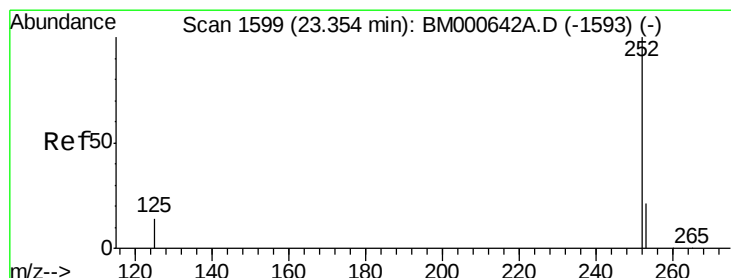
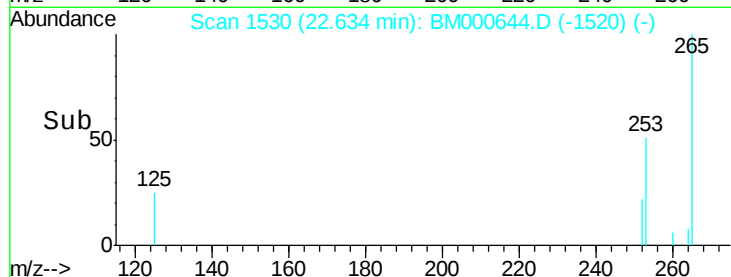
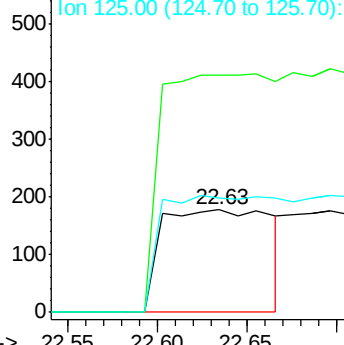
252 100

253 232.8 20.5 30.7#

125 112.4 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: 23.36 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BM000644.D

Acq: 04 Mar 2015 12:25

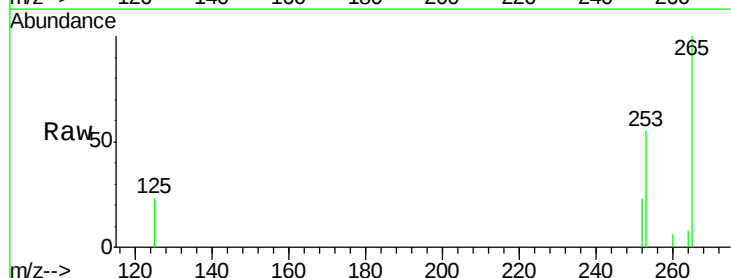
Tgt Ion: 252 Resp: 58

Ion Ratio Lower Upper

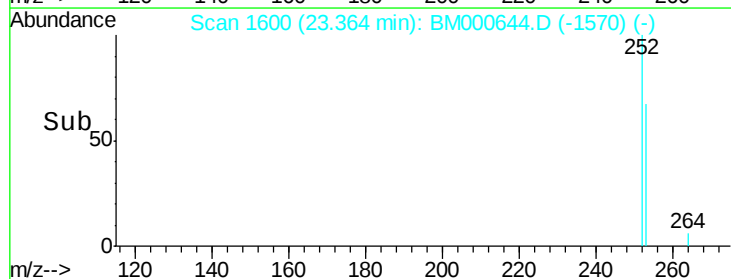
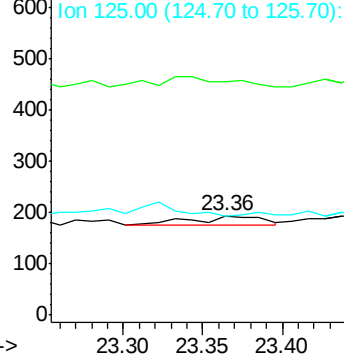
252 100

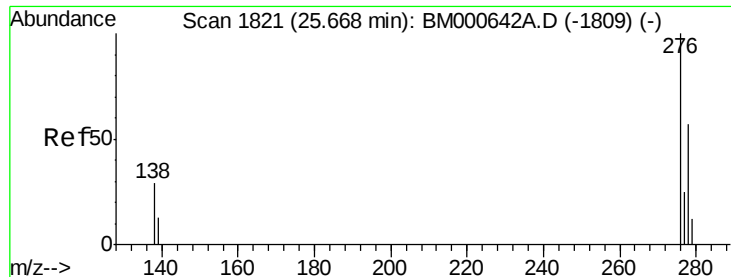
253 235.2 23.4 35.0#

125 100.5 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

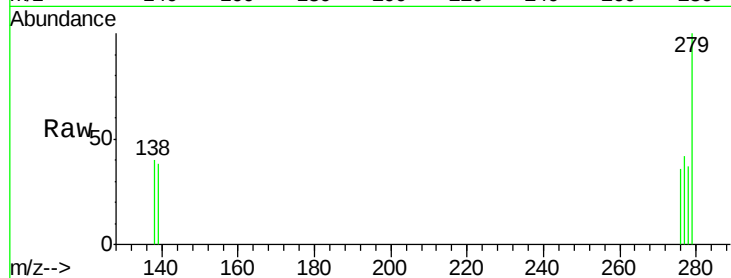




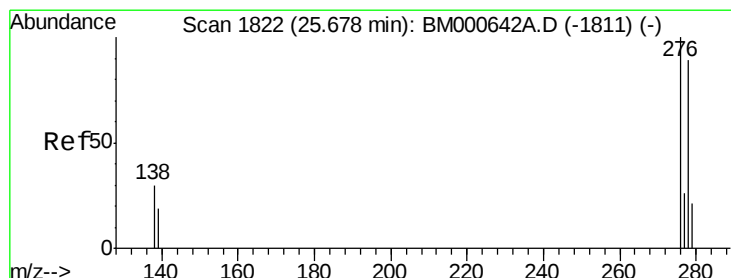
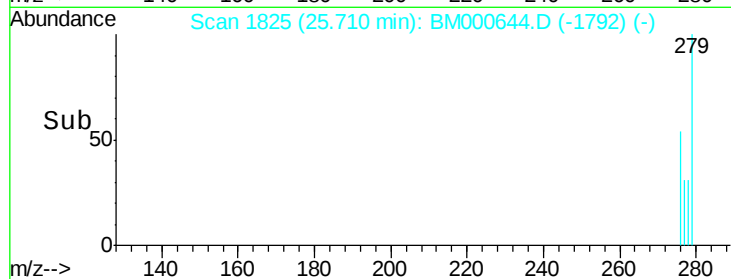
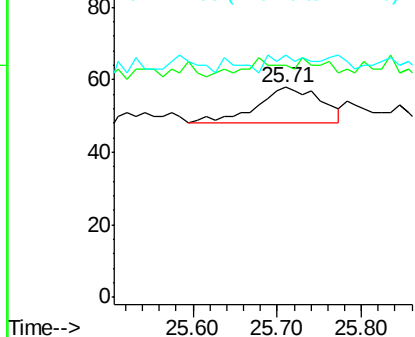
#26

Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.71 min Scan# 1825
Delta R.T. 0.04 min
Lab File: BM000644.D
Acq: 04 Mar 2015 12:25

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



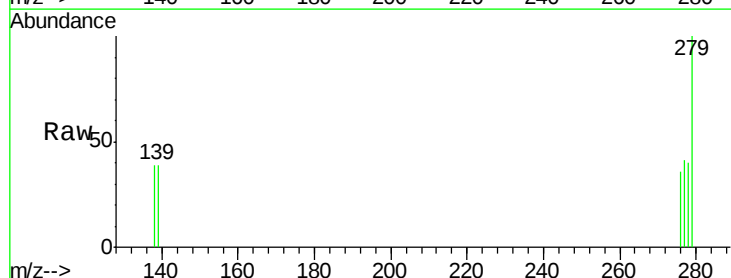
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



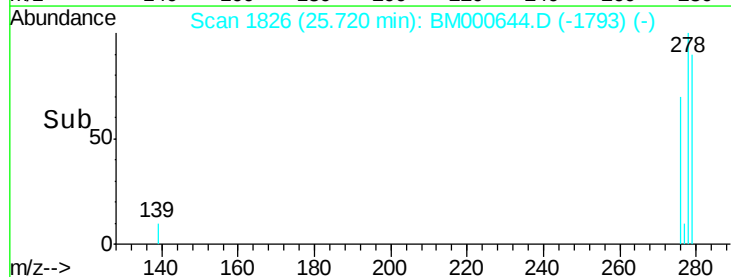
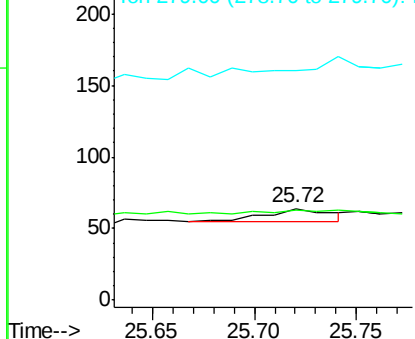
#27

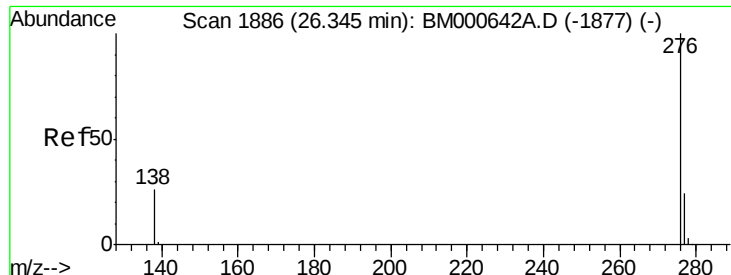
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.72 min Scan# 1826
Delta R.T. 0.04 min
Lab File: BM000644.D
Acq: 04 Mar 2015 12:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	98.4	17.0	25.6#
279	250.0	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: 26.39 min Scan# 1890

Delta R.T. 0.04 min

Lab File: BM000644.D

Acq: 04 Mar 2015 12:25

Tgt Ion: 276 Resp: 44

Ion Ratio Lower Upper

276 100

277 116.9 19.9 29.9#

138 105.1 20.6 30.8#

