

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000655.D
 Acq On : 04 Mar 2015 20:45
 Operator : TP/IZ
 Sample : MDL-03-S
 Misc : MDL-SOIL-0.4PPM
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 05 02:34:24 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 : Thu Mar 05 02:24:03 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4870	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17275	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.31	164	7432	0.40	ng/ul	0.01
12) Phenanthrene-d10	17.05	188	20385	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	13019	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	9955	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	7007	1.97	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	6	0.00	ng/ul	0.04
16) Fluoranthene-d10	19.10	212	10	0.00	ng/ul	0.00

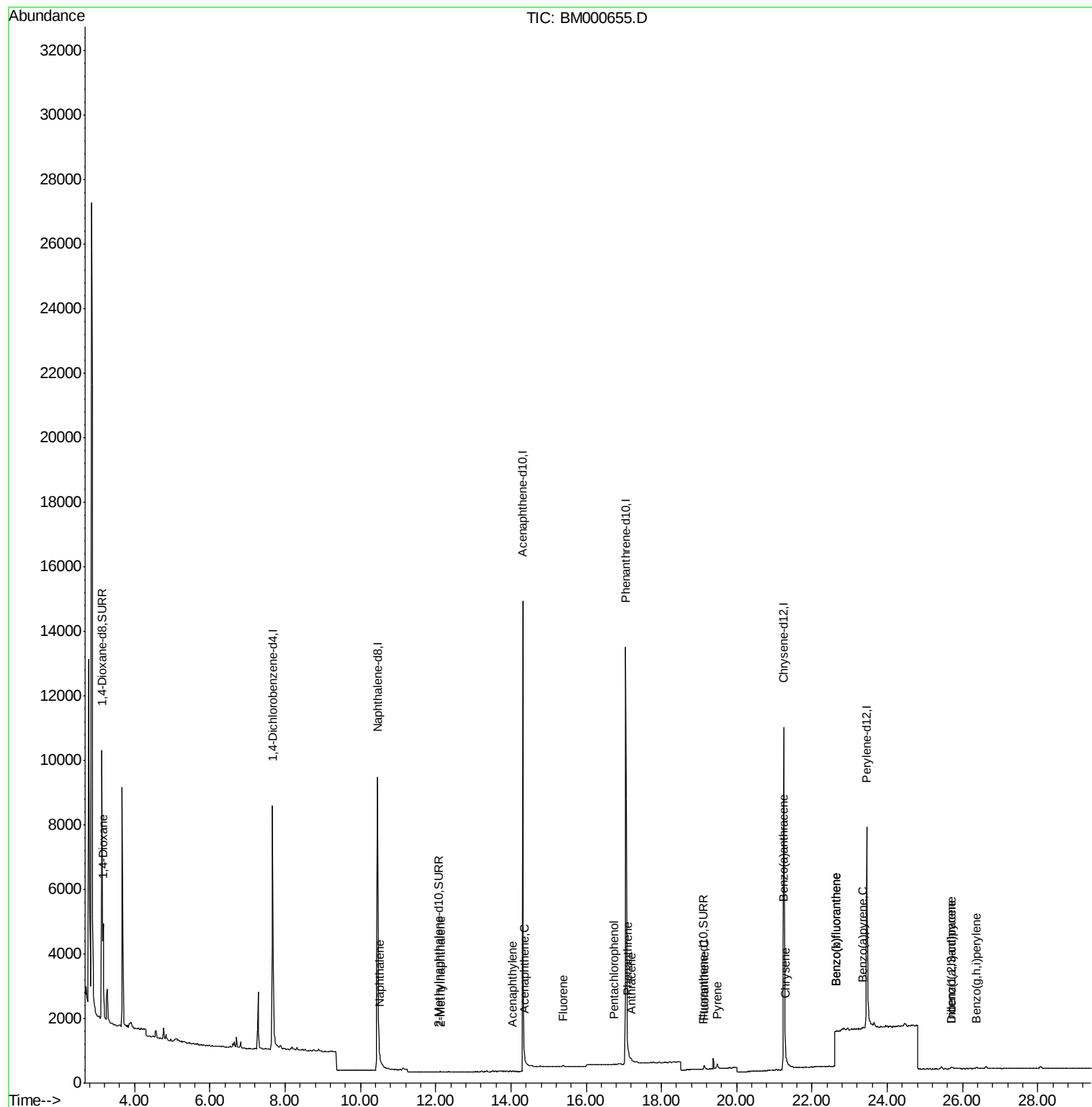
Target Compounds

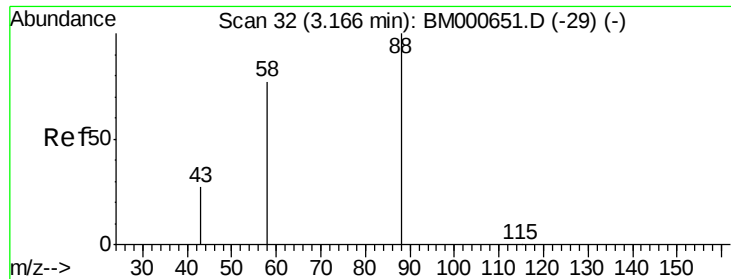
						Qvalue
3) 1,4-Dioxane	3.17	88	4923	0.89	ng/ul#	53
5) Naphthalene	10.50	128	30	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.14	142	16	0.00	ng/ul#	41
9) Acenaphthylene	14.04	152	15	0.00	ng/ul#	1
10) Acenaphthene	14.36	153	13	0.00	ng/ul#	74
11) Fluorene	15.38	166	67	0.00	ng/ul#	48
13) Pentachlorophenol	16.72	266	5	0.00	ng/ul#	45
14) Phenanthrene	17.10	178	150	0.00	ng/ul#	1
15) Anthracene	17.19	178	71	0.00	ng/ul#	1
17) Fluoranthene	19.12	202	174	0.00	ng/ul#	1
19) Pyrene	19.49	202	177	0.00	ng/ul#	22
20) Benzo(a)anthracene	21.24	228	158	0.00	ng/ul#	31
21) Chrysene	21.29	228	119	0.00	ng/ul#	34
23) Benzo(b)fluoranthene	22.64	252	716	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	22.64	252	716	0.02	ng/ul#	1
25) Benzo(a)pyrene	23.35	252	112	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.71	276	103	0.00	ng/ul#	47
27) Dibenzo(a,h)anthracene	25.71	278	74	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.37	276	103	0.00	ng/ul#	1

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
Data File : BM000655.D
Acq On : 04 Mar 2015 20:45
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SOIL-0.4PPM
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 05 02:34:24 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 : Thu Mar 05 02:24:03 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.89 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM000655.D

Acq: 04 Mar 2015 20:45

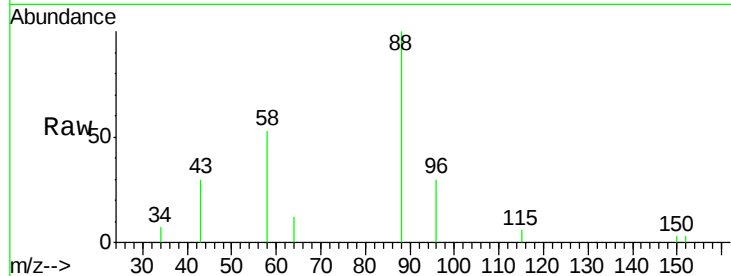
Tgt Ion: 88 Resp: 4923

Ion Ratio Lower Upper

88 100

58 33.7 55.4 83.2#

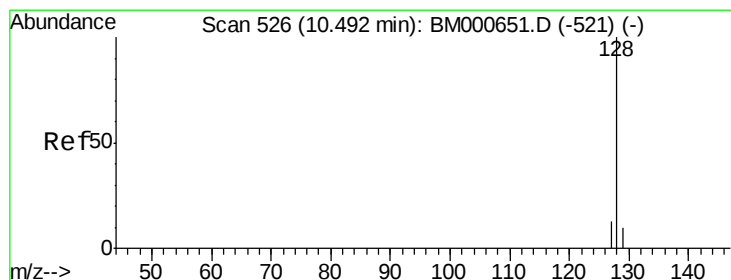
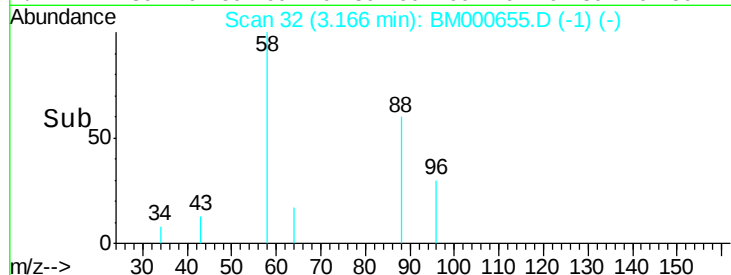
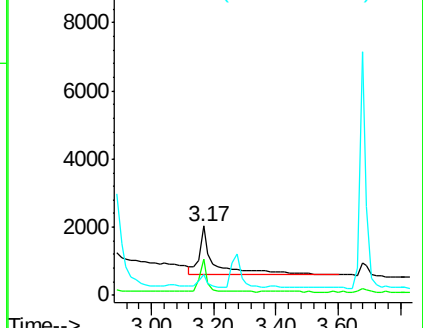
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BM000655.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000655.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000655.D (-29) (-)



#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.01 min

Lab File: BM000655.D

Acq: 04 Mar 2015 20:45

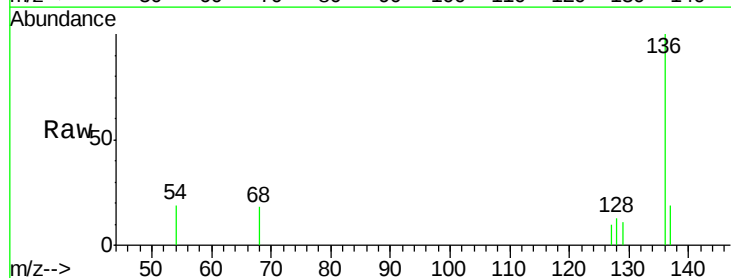
Tgt Ion: 128 Resp: 30

Ion Ratio Lower Upper

128 100

129 86.2 8.5 12.7#

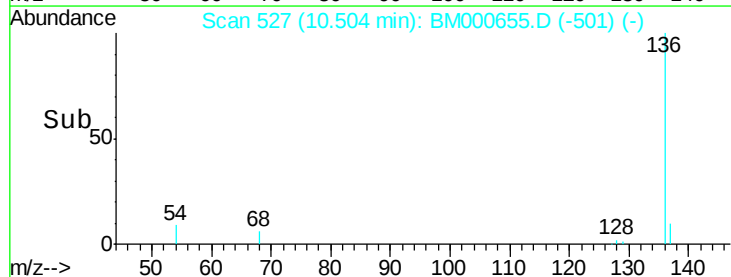
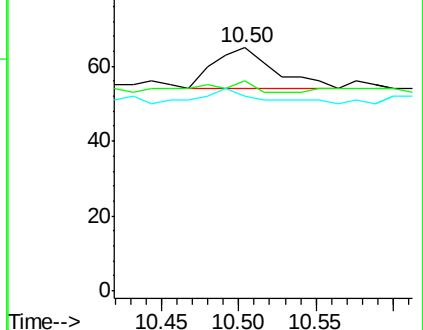
127 80.0 11.0 16.6#

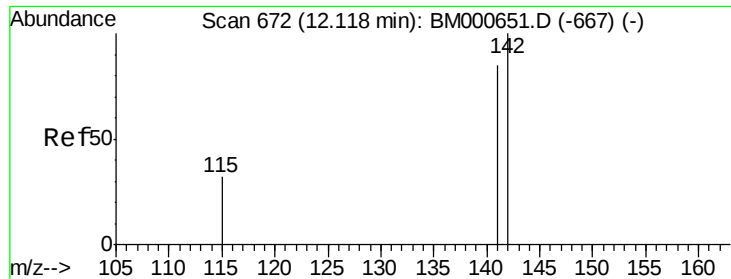


Abundance Ion 128.00 (127.70 to 128.70): BM000655.D (-521) (-)

Ion 129.00 (128.70 to 129.70): BM000655.D (-521) (-)

Ion 127.00 (126.70 to 127.70): BM000655.D (-521) (-)





#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.14 min Scan# 674

Delta R.T. 0.02 min

Lab File: BM000655.D

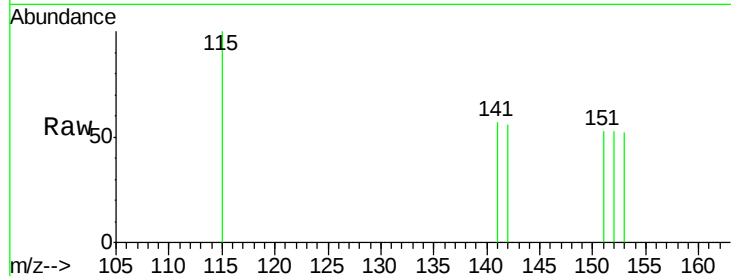
Acq: 04 Mar 2015 20:45

Tgt Ion:142 Resp: 16

Ion Ratio Lower Upper

142 100

141 143.8 70.6 106.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.14

60

50

40

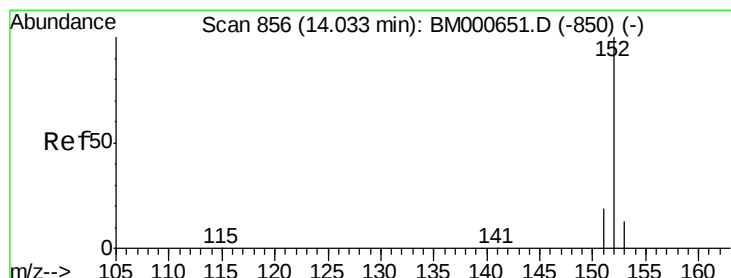
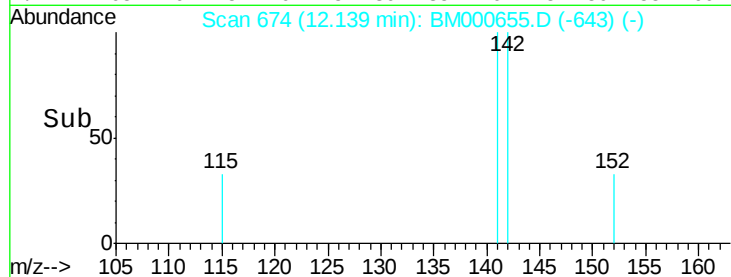
30

20

10

0

Time--> 12.10 12.20



#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 857

Delta R.T. 0.01 min

Lab File: BM000655.D

Acq: 04 Mar 2015 20:45

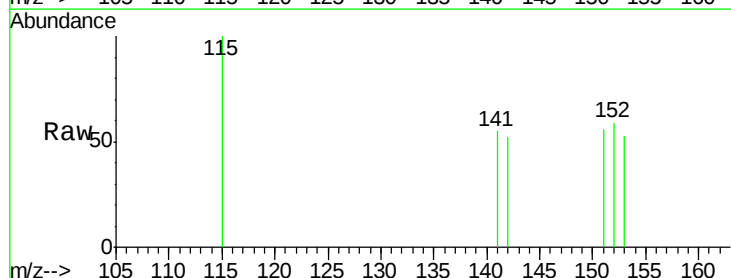
Tgt Ion:152 Resp: 15

Ion Ratio Lower Upper

152 100

151 94.7 16.0 24.0#

153 89.5 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

14.04

60

50

40

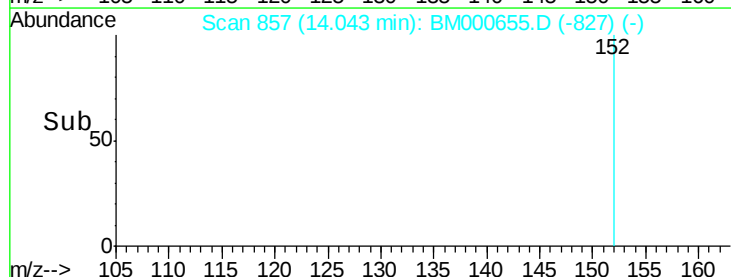
30

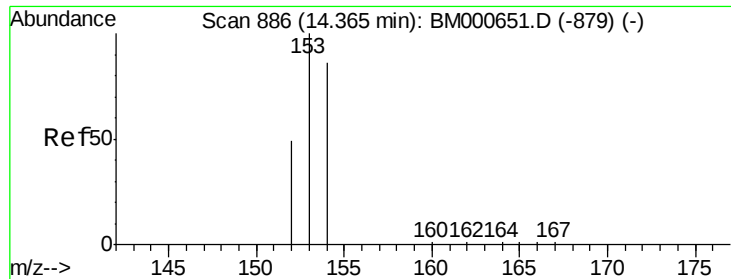
20

10

0

Time--> 14.00 14.10





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.36 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM000655.D

Acq: 04 Mar 2015 20:45

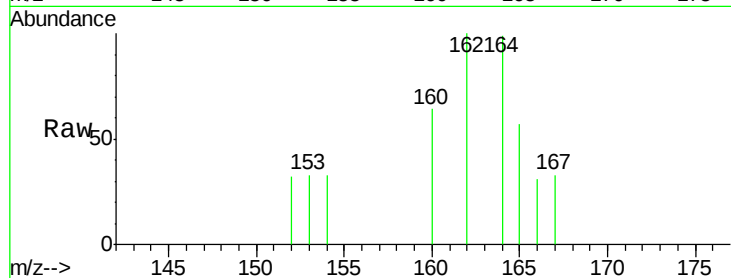
Tgt Ion: 153 Resp: 13

Ion Ratio Lower Upper

153 100

152 96.4 34.2 51.2#

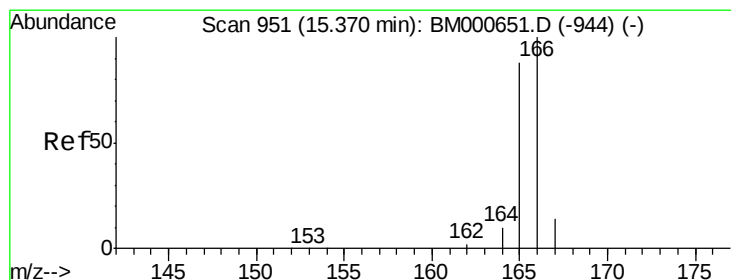
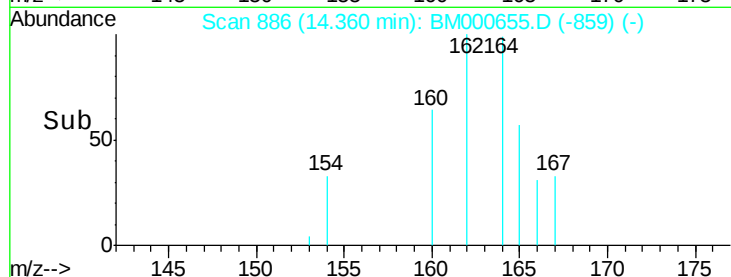
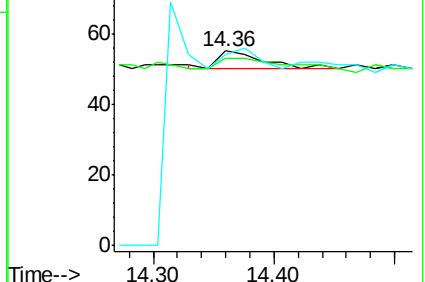
154 98.2 78.8 118.2



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. 0.01 min

Lab File: BM000655.D

Acq: 04 Mar 2015 20:45

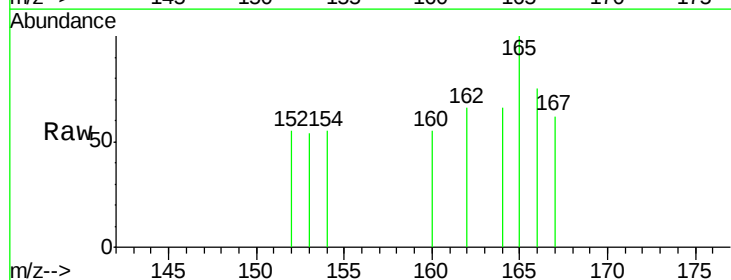
Tgt Ion: 166 Resp: 67

Ion Ratio Lower Upper

166 100

165 133.3 78.5 117.7#

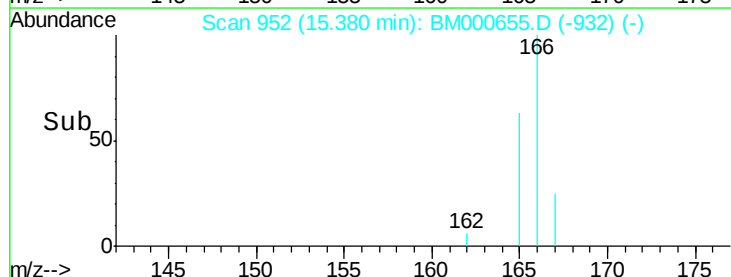
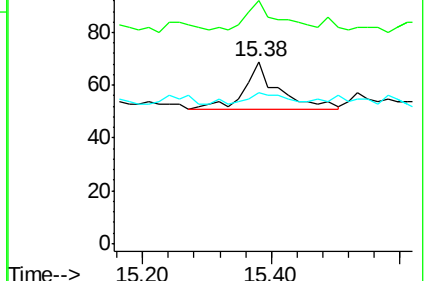
167 82.6 10.6 16.0#

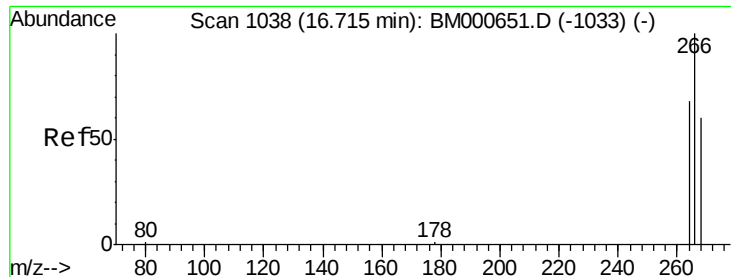


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

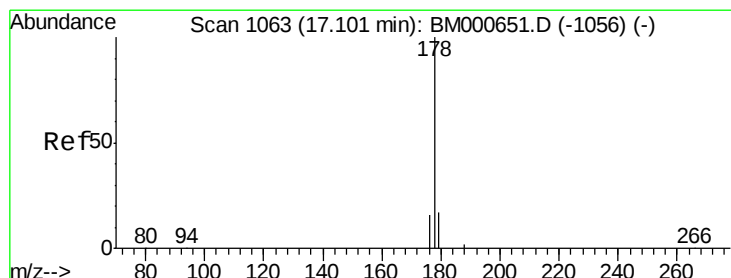
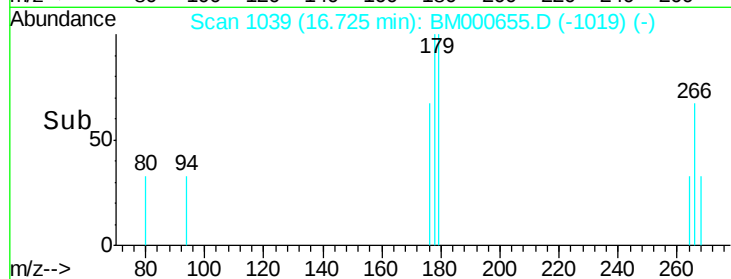
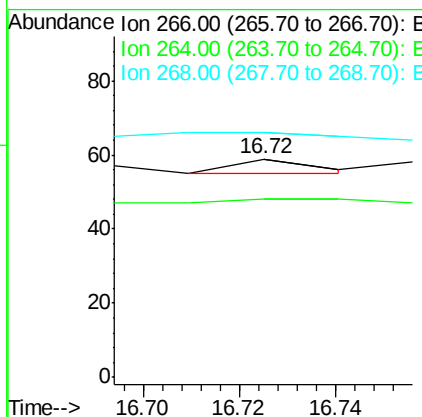
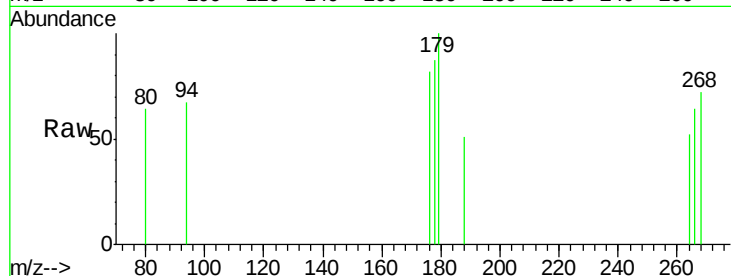
Ion 167.00 (166.70 to 167.70): E





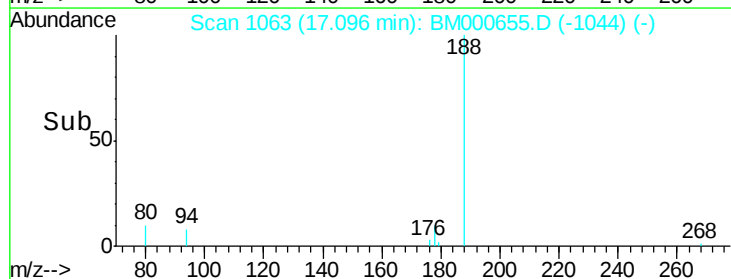
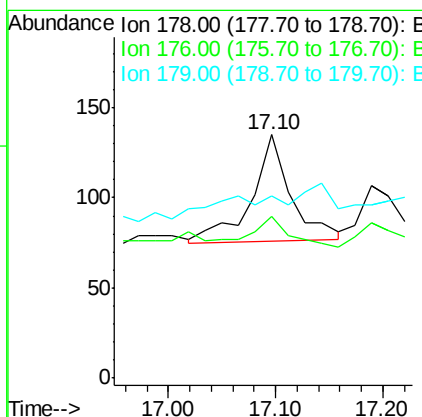
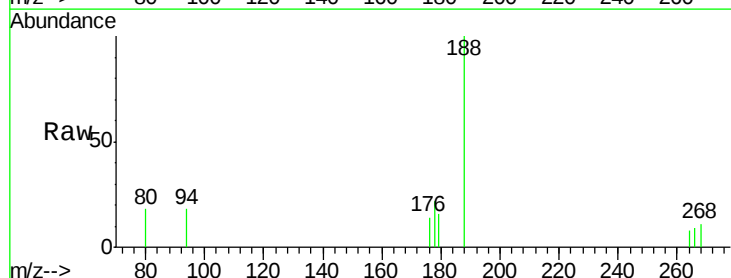
#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.72 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BM000655.D
 Acq: 04 Mar 2015 20:45

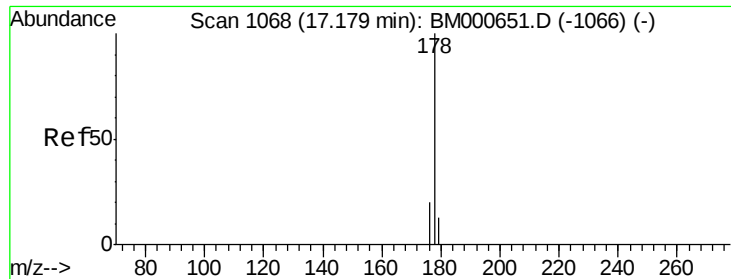
Tgt Ion: 266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 40.0 51.0 76.4#
 268 0.0 49.4 74.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM000655.D
 Acq: 04 Mar 2015 20:45

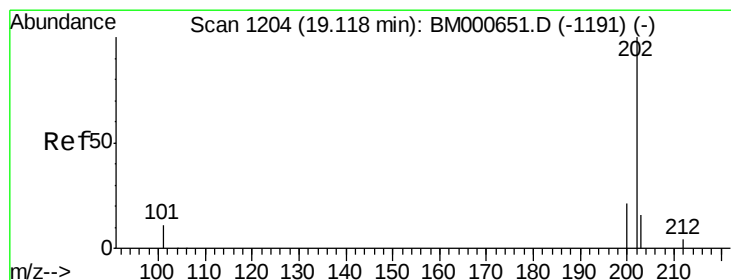
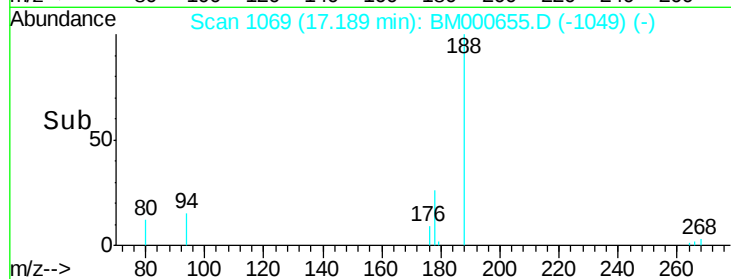
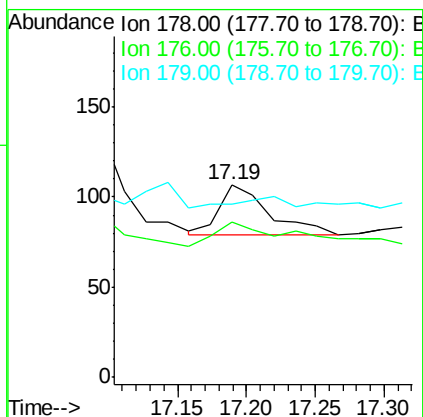
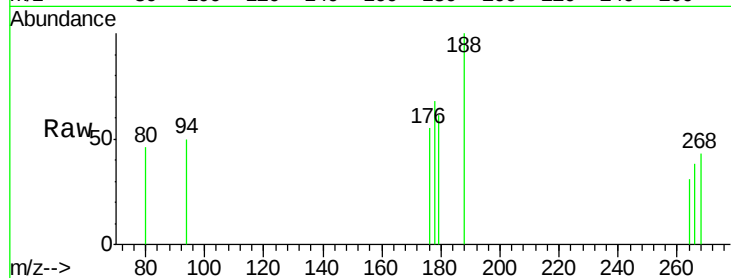
Tgt Ion: 178 Resp: 150
 Ion Ratio Lower Upper
 178 100
 176 66.7 14.8 22.2#
 179 74.8 12.7 19.1#





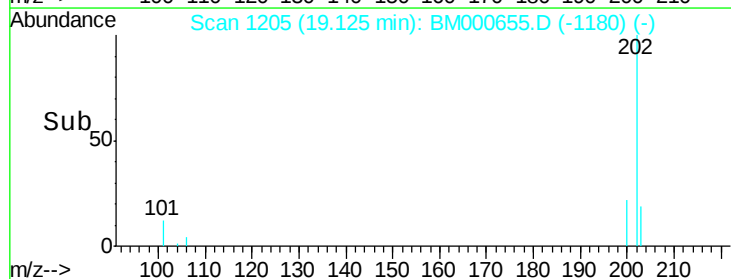
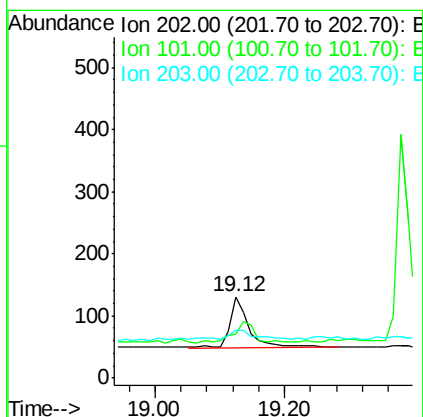
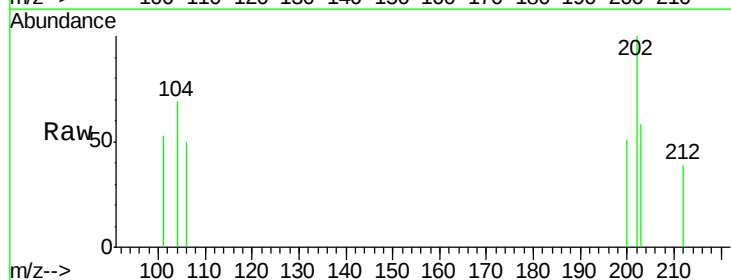
#15
 Anthracene
 Concen: 0.00 ng/ul
 RT: 17.19 min Scan# 1069
 Delta R.T. 0.01 min
 Lab File: BM000655.D
 Acq: 04 Mar 2015 20:45

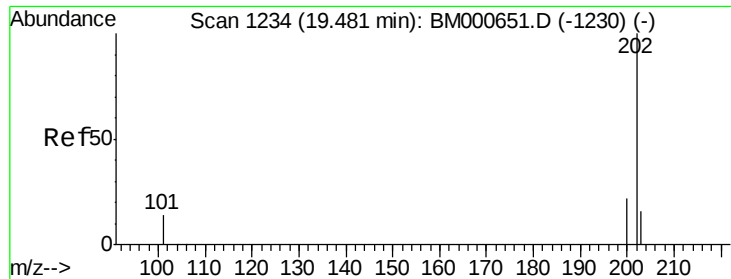
Tgt Ion:178 Resp: 71
 Ion Ratio Lower Upper
 178 100
 176 80.4 14.2 21.4#
 179 89.7 12.8 19.2#



#17
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.12 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BM000655.D
 Acq: 04 Mar 2015 20:45

Tgt Ion:202 Resp: 174
 Ion Ratio Lower Upper
 202 100
 101 53.4 0.0 27.0#
 203 58.0 0.0 38.5#





#19

Pyrene

Concen: 0.00 ng/ul

RT: 19.49 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BM000655.D

Acq: 04 Mar 2015 20:45

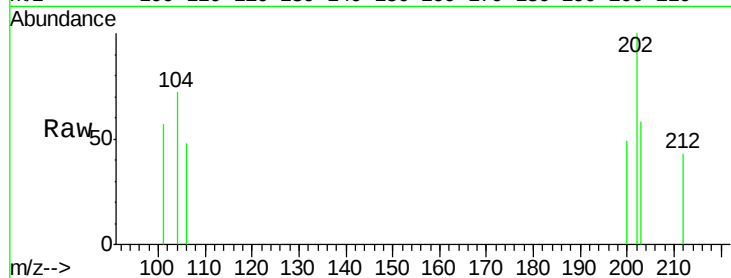
Tgt Ion: 202 Resp: 177

Ion Ratio Lower Upper

202 100

200 48.9 15.5 23.3#

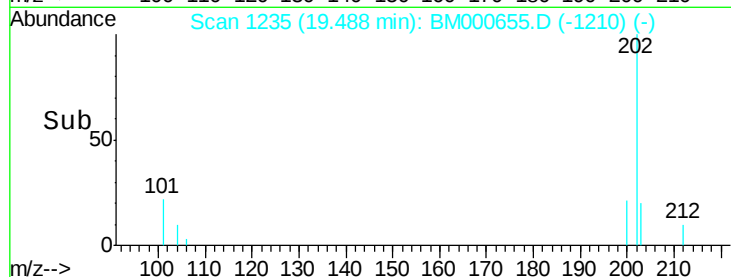
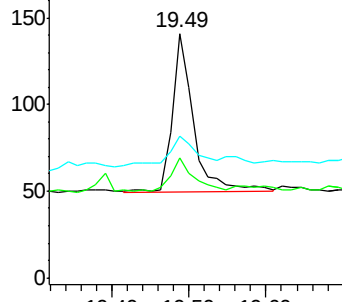
203 58.2 14.2 21.2#



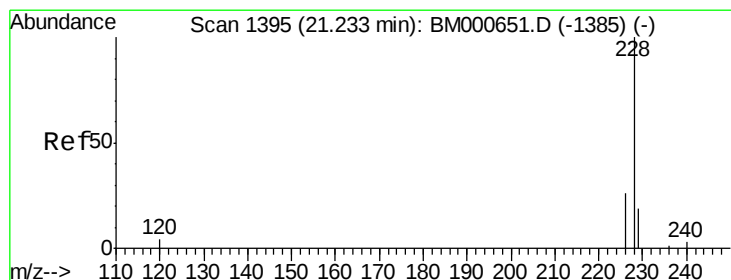
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.24 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BM000655.D

Acq: 04 Mar 2015 20:45

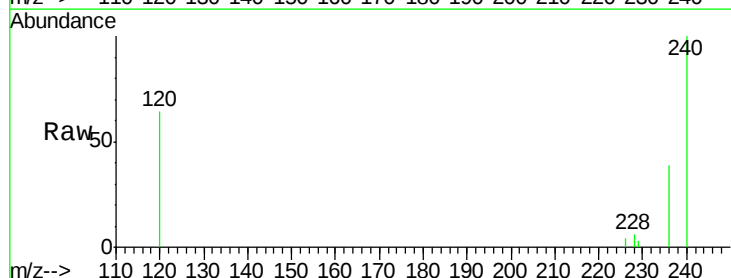
Tgt Ion: 228 Resp: 158

Ion Ratio Lower Upper

228 100

226 58.5 20.0 30.0#

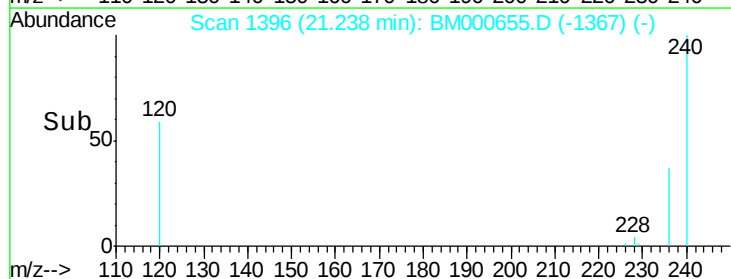
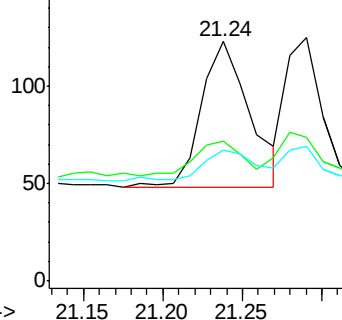
229 54.5 16.7 25.1#



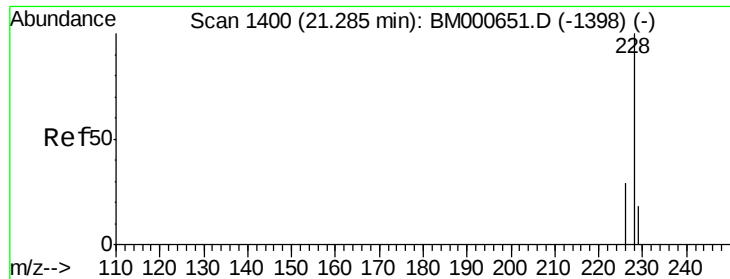
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

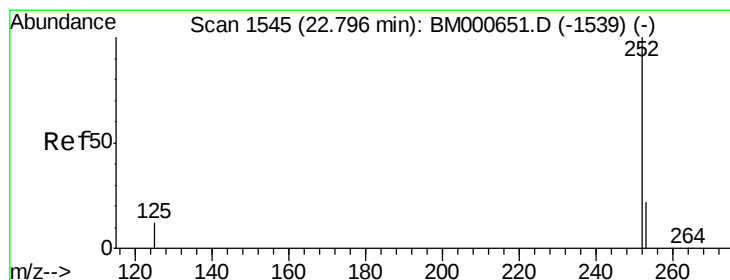
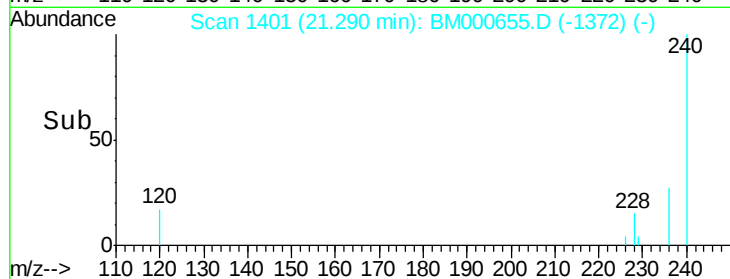
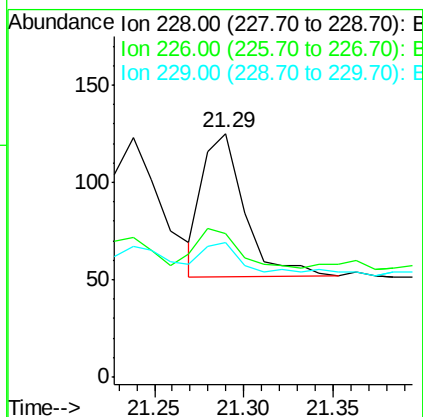
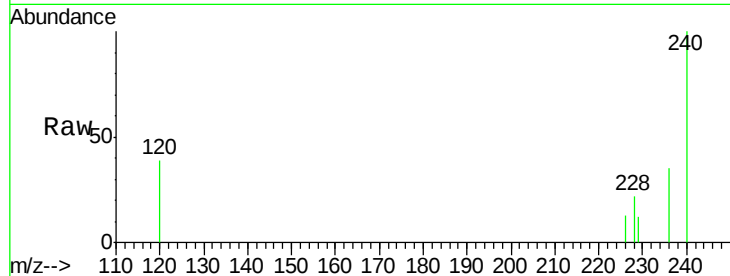


Time-->



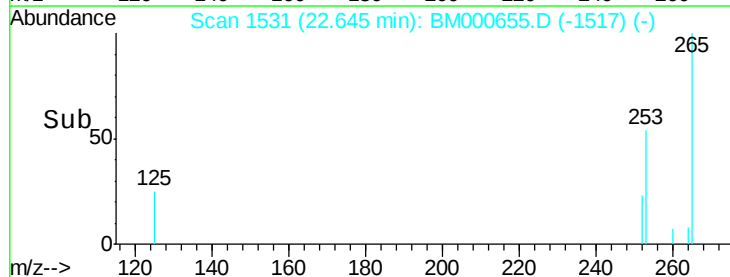
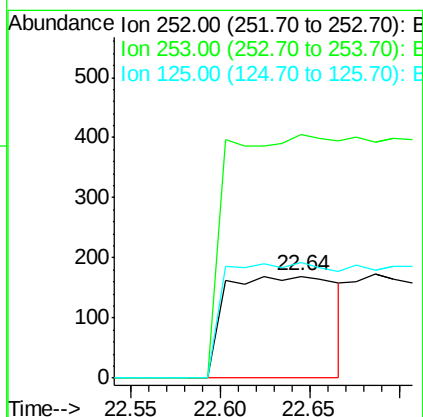
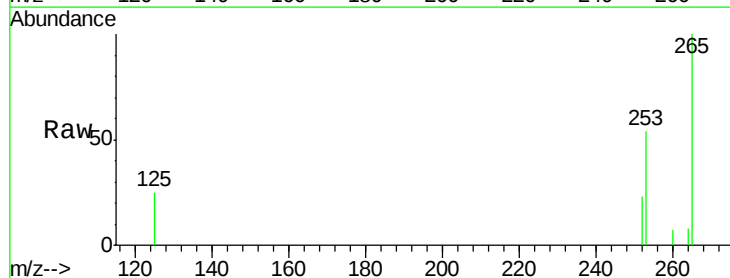
#21
Chrysene
Concen: 0.00 ng/ul
RT: 21.29 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BM000655.D
Acq: 04 Mar 2015 20:45

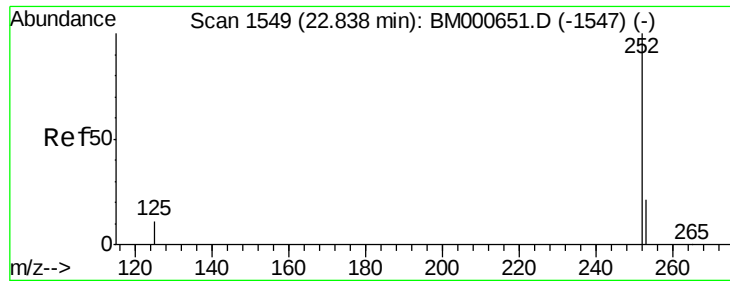
Tgt Ion: 228 Resp: 119
Ion Ratio Lower Upper
228 100
226 59.2 22.6 33.8#
229 55.2 16.4 24.6#



#23
Benzo(b)fluoranthene
Concen: 0.02 ng/ul
RT: 22.64 min Scan# 1531
Delta R.T. -0.15 min
Lab File: BM000655.D
Acq: 04 Mar 2015 20:45

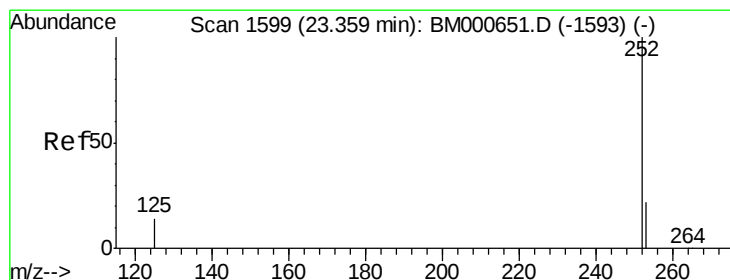
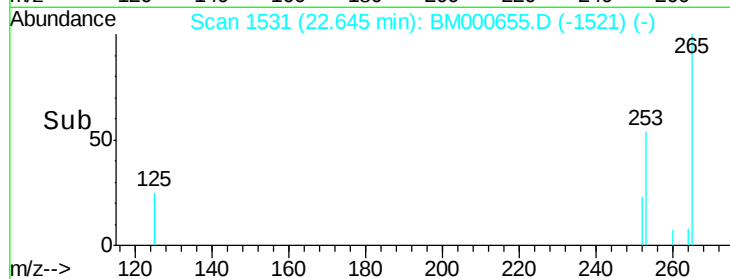
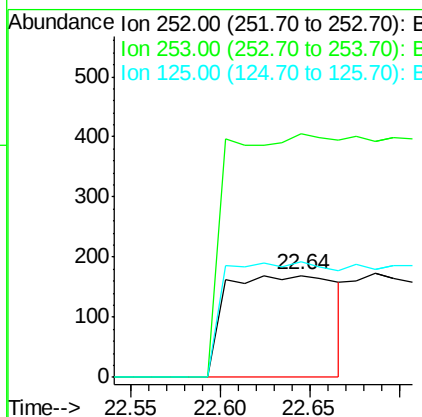
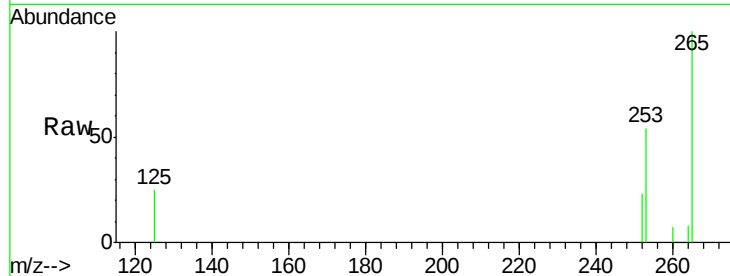
Tgt Ion: 252 Resp: 716
Ion Ratio Lower Upper
252 100
253 238.2 0.0 51.2#
125 112.9 0.0 30.0#





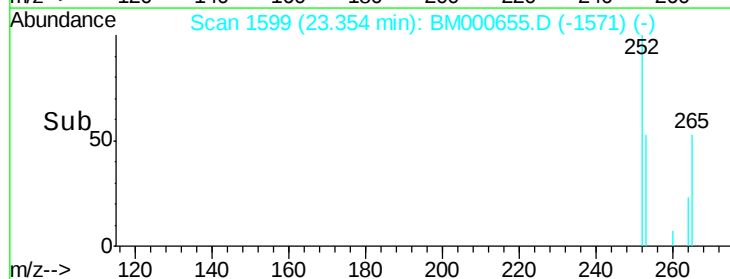
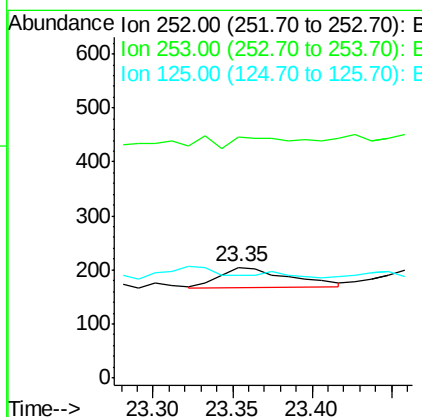
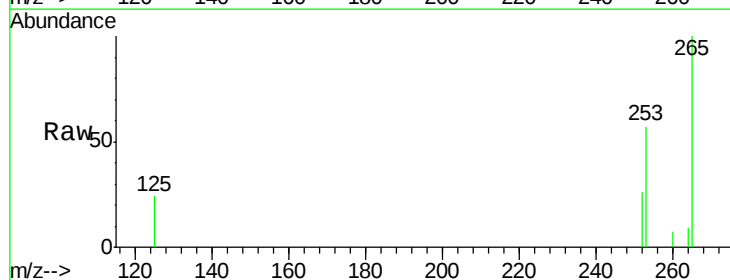
#24
Benzo(k)fluoranthene
Concen: 0.02 ng/u1
RT: 22.64 min Scan# 1531
Delta R.T. -0.19 min
Lab File: BM000655.D
Acq: 04 Mar 2015 20:45

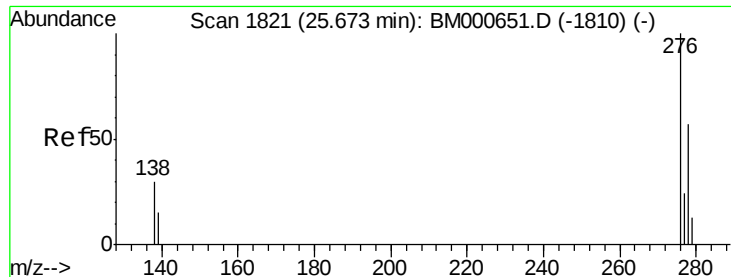
Tgt Ion:252 Resp: 716
Ion Ratio Lower Upper
252 100
253 238.2 20.5 30.7#
125 112.9 11.8 17.6#



#25
Benzo(a)pyrene
Concen: 0.00 ng/u1
RT: 23.35 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BM000655.D
Acq: 04 Mar 2015 20:45

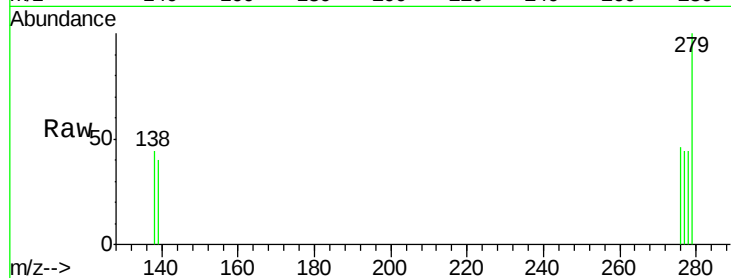
Tgt Ion:252 Resp: 112
Ion Ratio Lower Upper
252 100
253 217.6 23.4 35.0#
125 92.7 12.2 18.4#



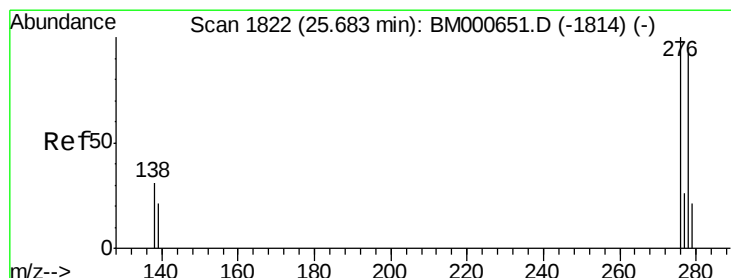
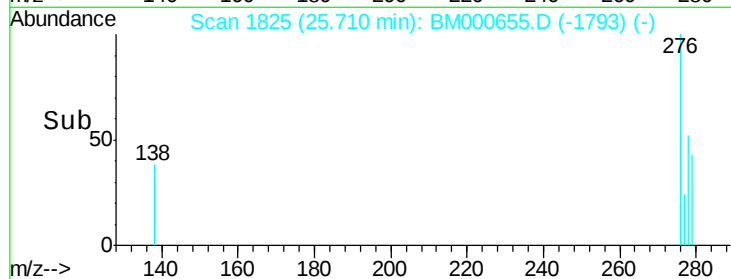
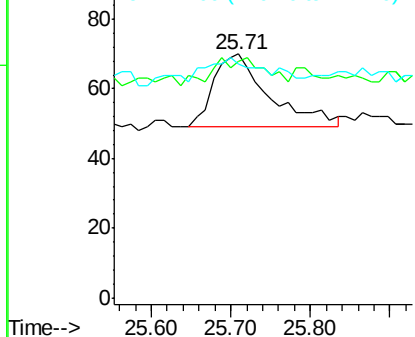


#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng/ul
 RT: 25.71 min Scan# 1825
 Delta R.T. 0.04 min
 Lab File: BM000655.D
 Acq: 04 Mar 2015 20:45

Tgt Ion: 276 Resp: 103
 Ion Ratio Lower Upper
 276 100
 138 0.0 23.8 35.8#
 277 0.0 19.7 29.5#

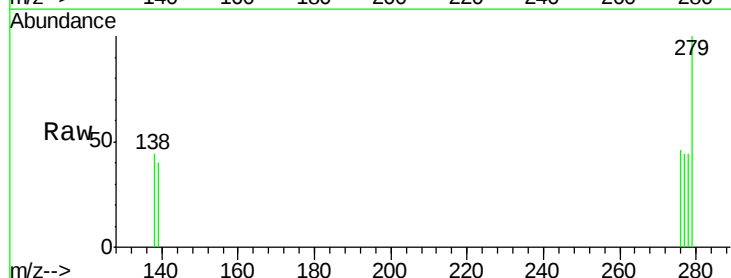


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

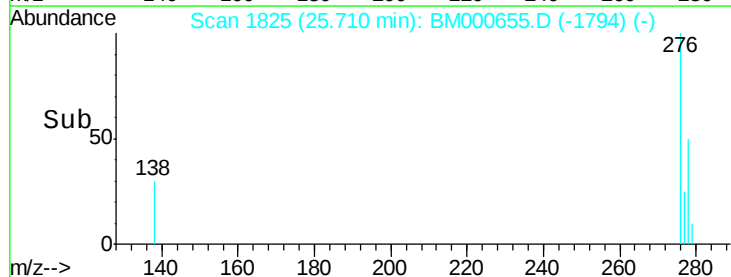
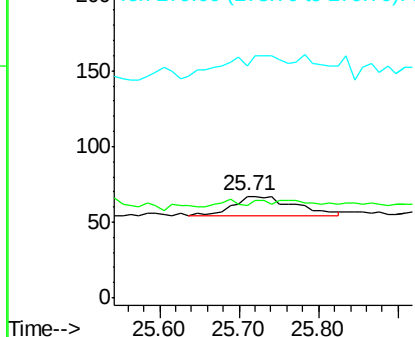


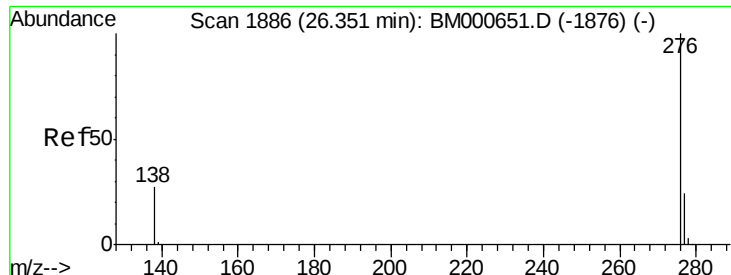
#27
 Dibenzo(a,h)anthracene
 Concen: 0.00 ng/ul
 RT: 25.71 min Scan# 1825
 Delta R.T. 0.03 min
 Lab File: BM000655.D
 Acq: 04 Mar 2015 20:45

Tgt Ion: 278 Resp: 74
 Ion Ratio Lower Upper
 278 100
 139 91.0 17.0 25.6#
 279 228.4 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: BM000655.D

Acq: 04 Mar 2015 20:45

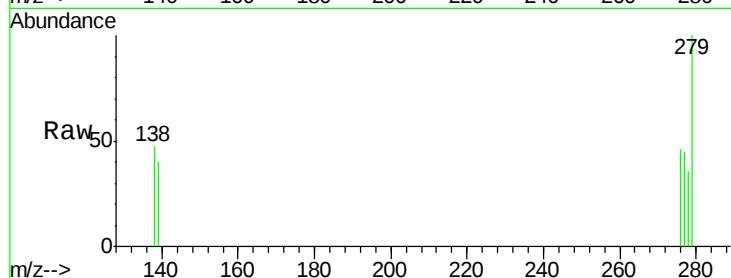
Tgt Ion: 276 Resp: 103

Ion Ratio Lower Upper

276 100

277 98.6 19.9 29.9#

138 101.4 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

