

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000660.D
 Acq On : 05 Mar 2015 00:19
 Operator : TP/IZ
 Sample : SSTD0.446
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 05 03:00:54 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 02:50:23 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4896	0.40	ng/ul	0.00
4) Naphthalene-d8	10.44	136	17792	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.31	164	6852	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	21223	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	15837	0.40	ng/ul	-0.01
22) Perylene-d12	23.46	264	11800	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	9372	2.62	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	10241	0.46	ng/ul	0.00
16) Fluoranthene-d10	19.09	212	20195	0.52	ng/ul	0.00

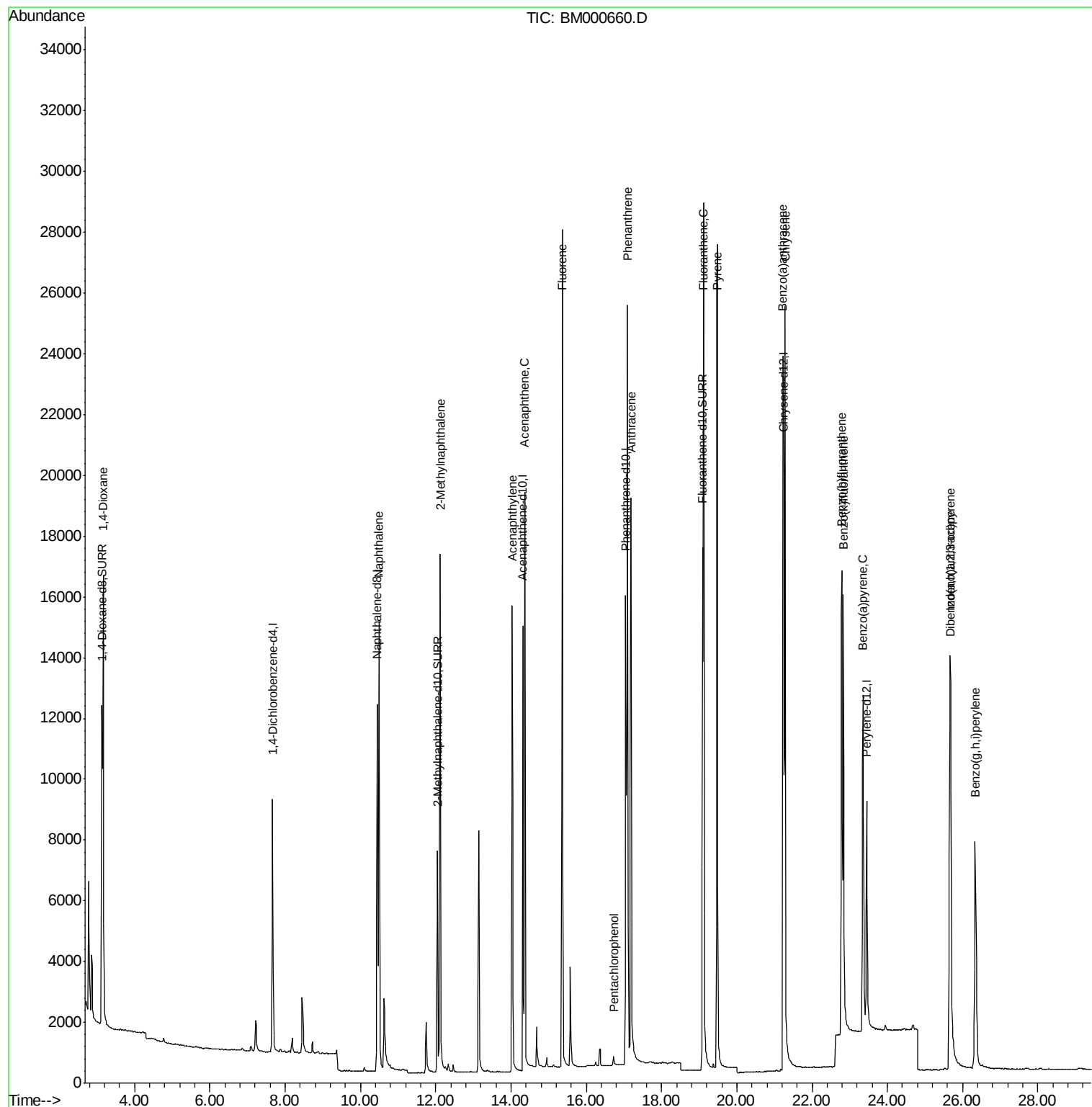
Target Compounds

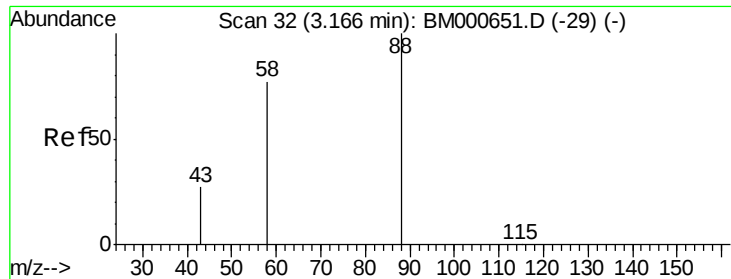
					Qvalue
3) 1,4-Dioxane	3.17	88	13747	2.48	ng/ul 98
5) Naphthalene	10.49	128	21143	0.46	ng/ul 99
7) 2-Methylnaphthalene	12.12	142	14257	0.47	ng/ul 99
9) Acenaphthylene	14.03	152	19118	0.56	ng/ul 98
10) Acenaphthene	14.36	153	15638	0.57	ng/ul# 81
11) Fluorene	15.36	166	18444	0.60	ng/ul 98
13) Pentachlorophenol	16.72	266	368	0.19	ng/ul 92
14) Phenanthrene	17.10	178	28996	0.46	ng/ul 98
15) Anthracene	17.19	178	25547	0.47	ng/ul 99
17) Fluoranthene	19.11	202	31964	0.51	ng/ul 89
19) Pyrene	19.49	202	32287	0.46	ng/ul 97
20) Benzo(a)anthracene	21.23	228	21878	0.48	ng/ul 95
21) Chrysene	21.28	228	25122	0.46	ng/ul 96
23) Benzo(b)fluoranthene	22.79	252	21480	0.54	ng/ul 98
24) Benzo(k)fluoranthene	22.83	252	20130	0.45	ng/ul 98
25) Benzo(a)pyrene	23.35	252	18217	0.46	ng/ul 97
26) Indeno(1,2,3-cd)pyrene	25.67	276	18367	0.43	ng/ul 97
27) Dibenzo(a,h)anthracene	25.68	278	14297	0.42	ng/ul 98
28) Benzo(g,h,i)perylene	26.33	276	16276	0.44	ng/ul 95

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
Data File : BM000660.D
Acq On : 05 Mar 2015 00:19
Operator : TP/IZ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

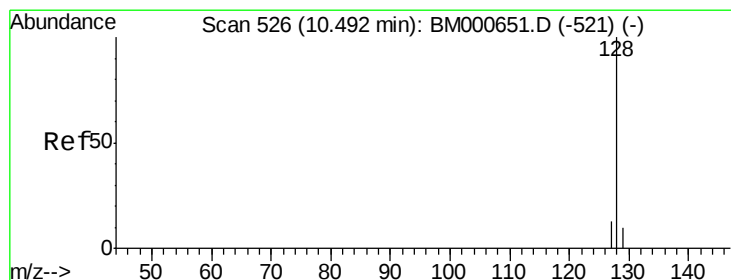
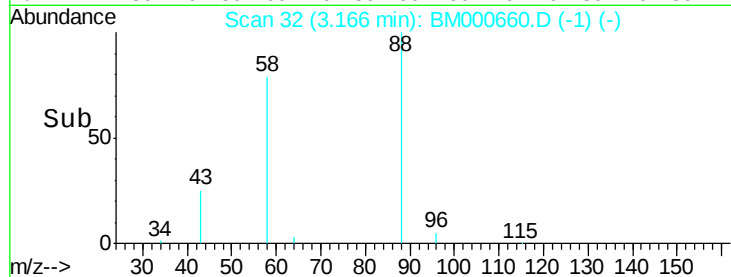
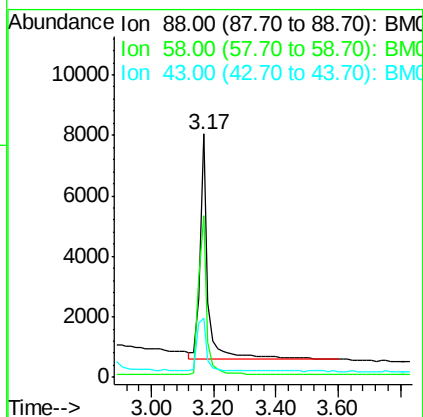
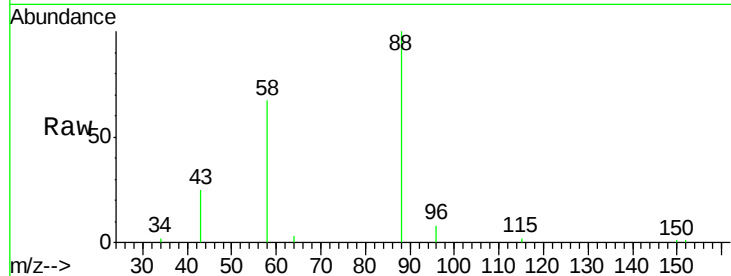
Quant Time: Mar 05 03:00:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 02:50:23 2015
Response via : Initial Calibration





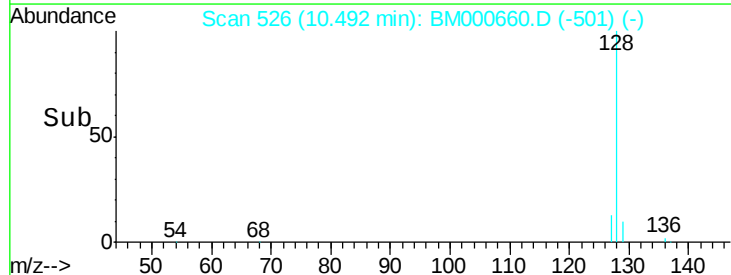
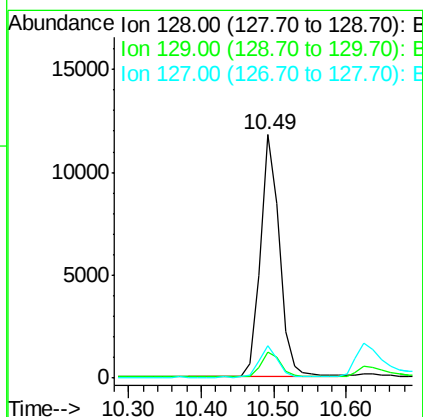
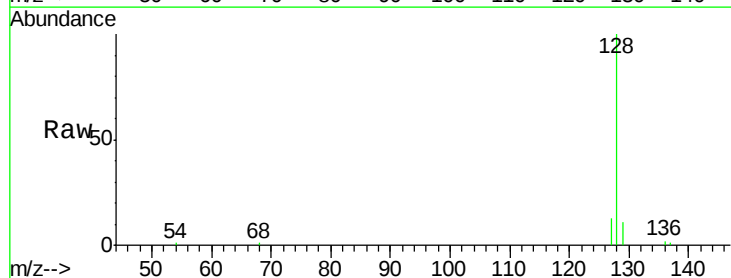
#3
1,4-Dioxane
Concen: 2.48 ng/ul
RT: 3.17 min Scan# 32
Delta R.T. -0.00 min
Lab File: BM000660.D
Acq: 05 Mar 2015 00:19

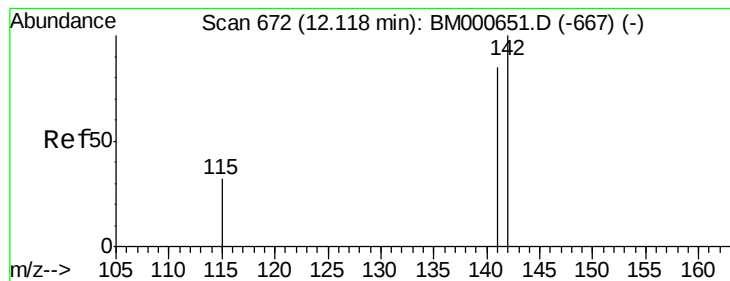
Tgt Ion: 88 Resp: 13747
Ion Ratio Lower Upper
88 100
58 68.4 55.4 83.2
43 27.7 24.2 36.2



#5
Naphthalene
Concen: 0.46 ng/ul
RT: 10.49 min Scan# 526
Delta R.T. -0.00 min
Lab File: BM000660.D
Acq: 05 Mar 2015 00:19

Tgt Ion: 128 Resp: 21143
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.3 11.0 16.6





#7

2-Methylnaphthalene

Concen: 0.47 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM000660.D

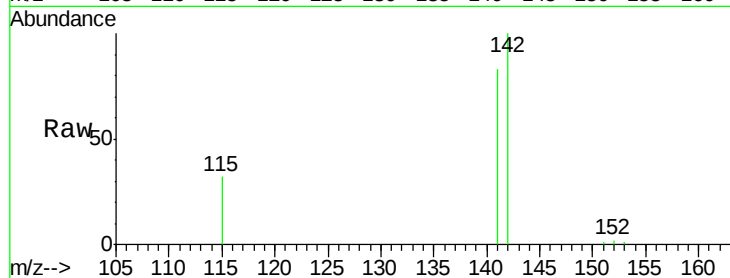
Acq: 05 Mar 2015 00:19

Tgt Ion:142 Resp: 14257

Ion Ratio Lower Upper

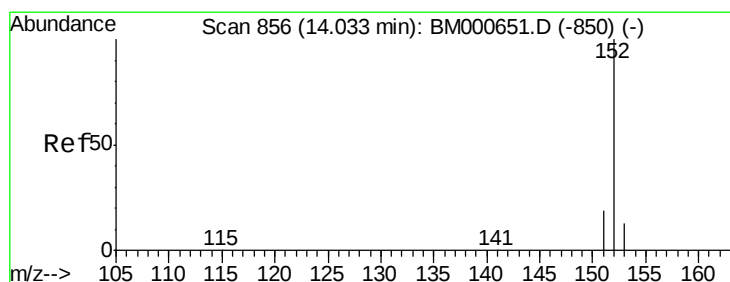
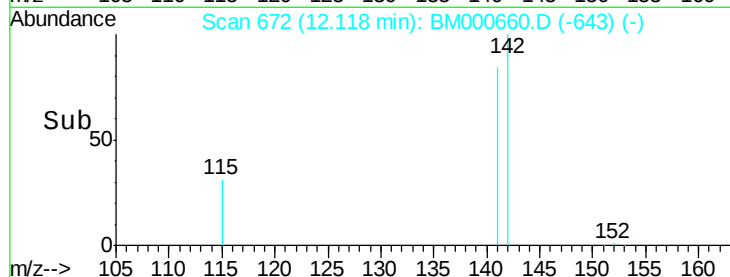
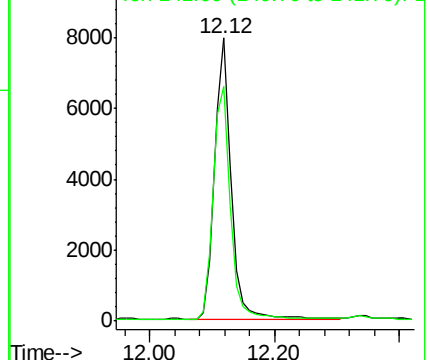
142 100

141 87.6 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: 0.56 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM000660.D

Acq: 05 Mar 2015 00:19

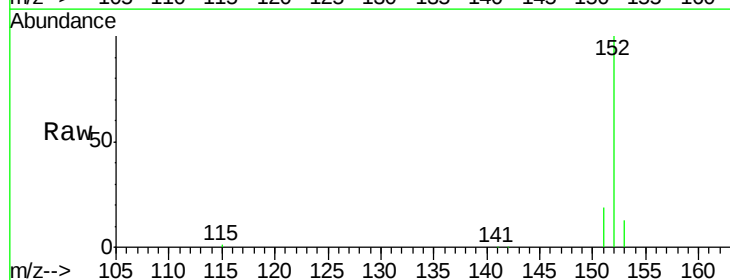
Tgt Ion:152 Resp: 19118

Ion Ratio Lower Upper

152 100

151 19.1 16.0 24.0

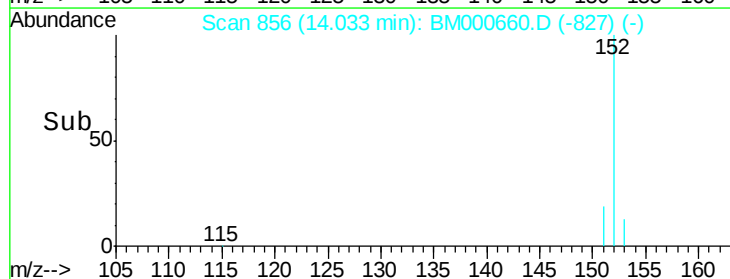
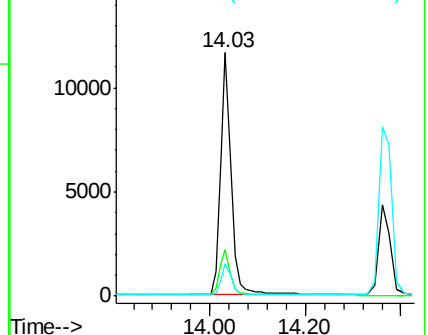
153 13.4 10.2 15.4

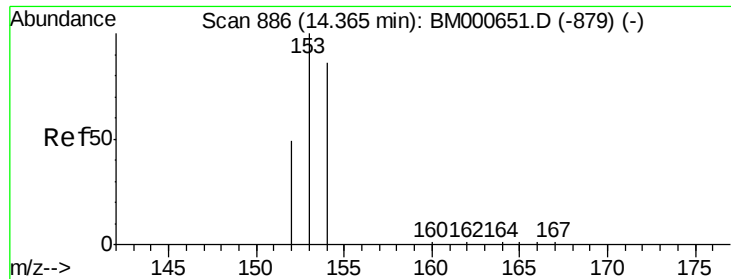


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.57 ng/ul

RT: 14.36 min Scan# 886

Delta R.T. -0.02 min

Lab File: BM000660.D

Acq: 05 Mar 2015 00:19

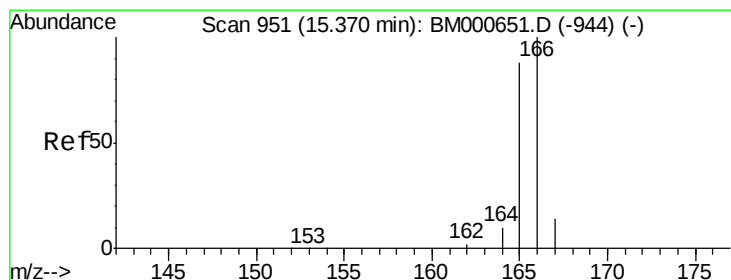
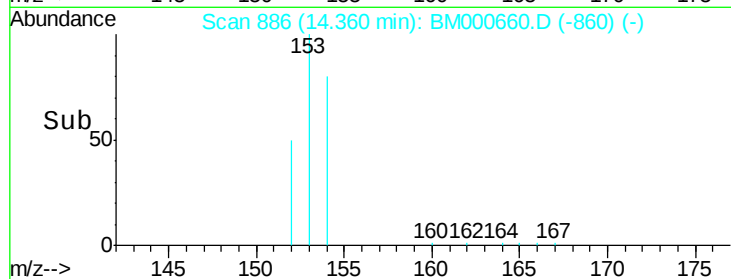
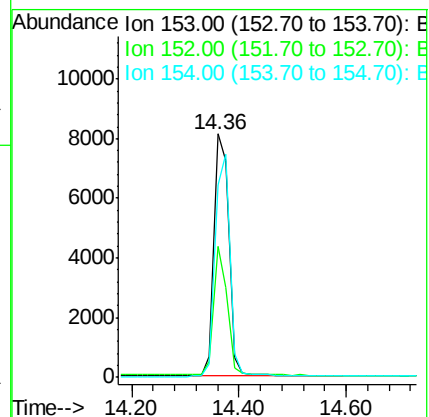
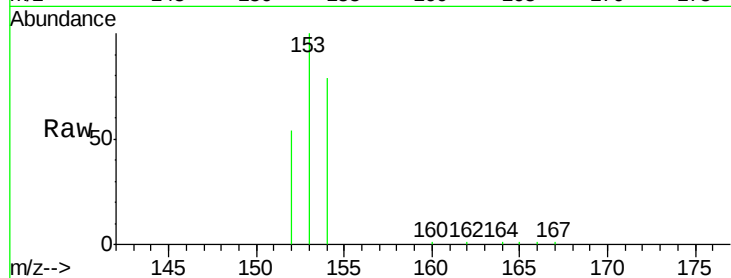
Tgt Ion:153 Resp: 15638

Ion Ratio Lower Upper

153 100

152 53.6 34.2 51.2#

154 79.2 78.8 118.2



#11

Fluorene

Concen: 0.60 ng/ul

RT: 15.36 min Scan# 951

Delta R.T. -0.00 min

Lab File: BM000660.D

Acq: 05 Mar 2015 00:19

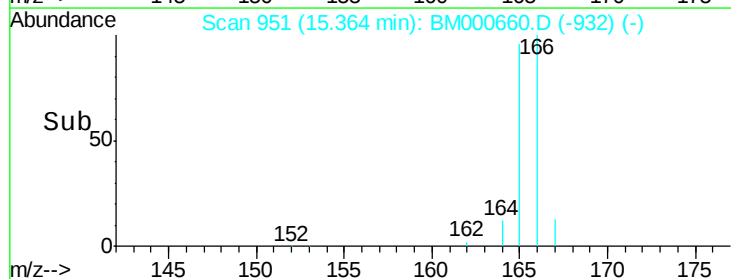
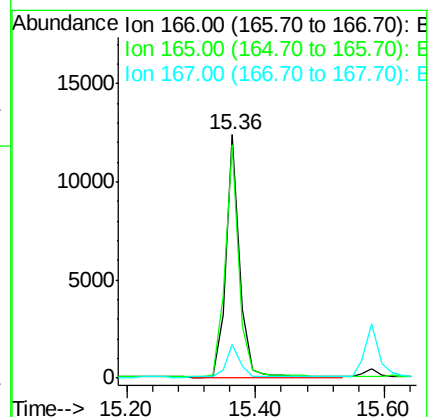
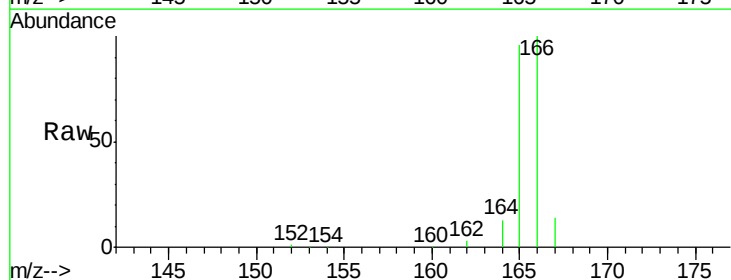
Tgt Ion:166 Resp: 18444

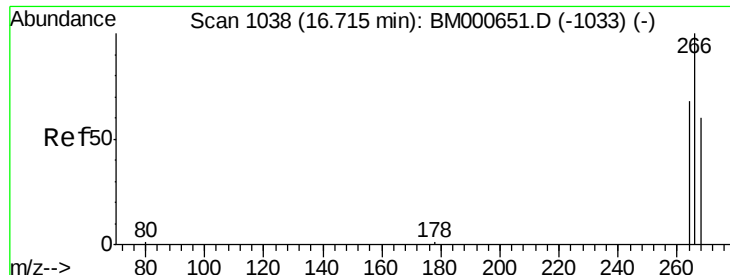
Ion Ratio Lower Upper

166 100

165 95.8 78.5 117.7

167 13.6 10.6 16.0





#13

Pentachlorophenol

Concen: 0.19 ng/ul

RT: 16.72 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM000660.D

Acq: 05 Mar 2015 00:19

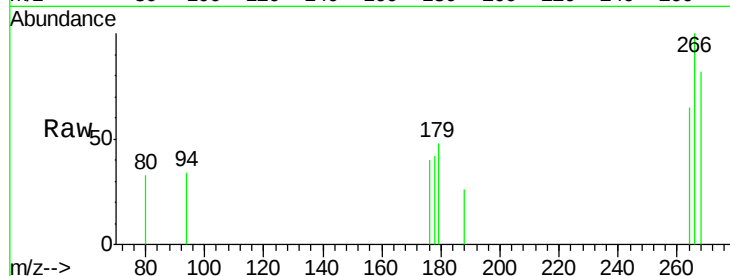
Tgt Ion: 266 Resp: 368

Ion Ratio Lower Upper

266 100

264 64.7 51.0 76.4

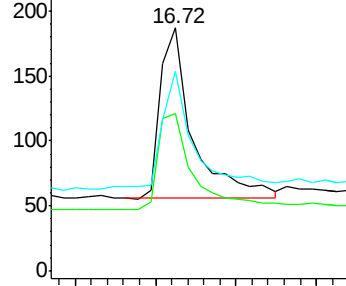
268 72.8 49.4 74.2



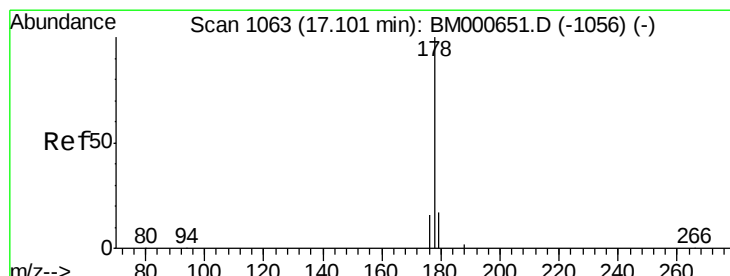
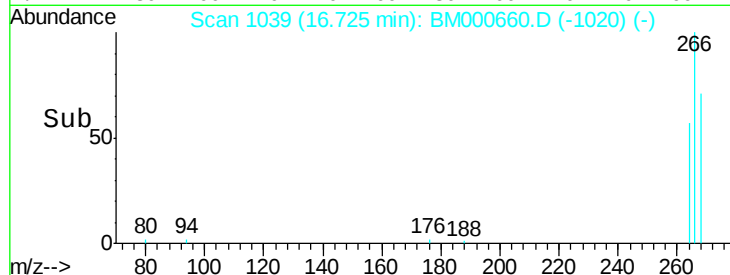
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#14

Phenanthrene

Concen: 0.46 ng/ul

RT: 17.10 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BM000660.D

Acq: 05 Mar 2015 00:19

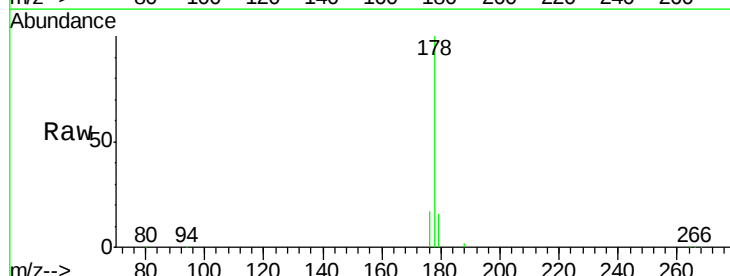
Tgt Ion: 178 Resp: 28996

Ion Ratio Lower Upper

178 100

176 17.4 14.8 22.2

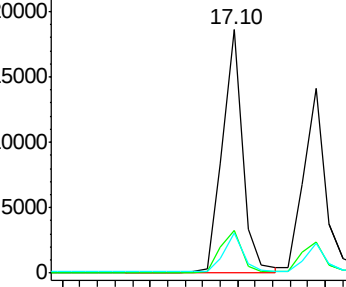
179 16.4 12.7 19.1



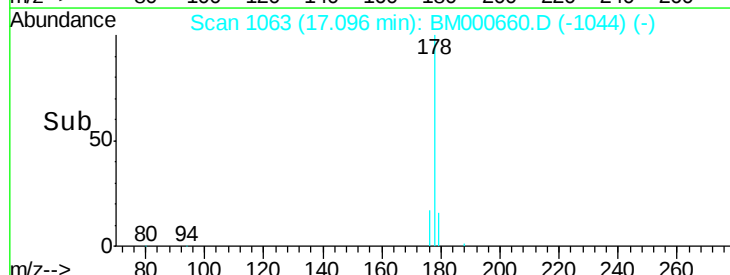
Abundance Ion 178.00 (177.70 to 178.70): E

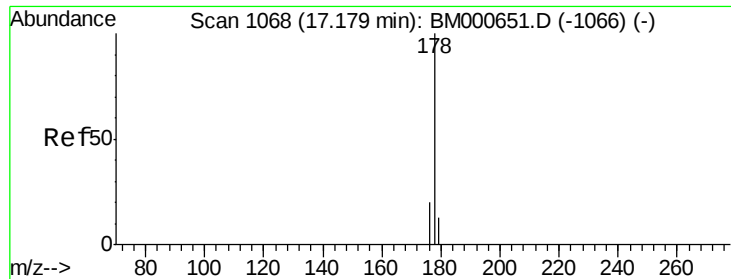
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



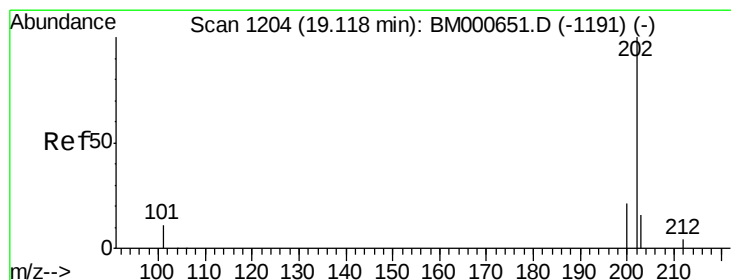
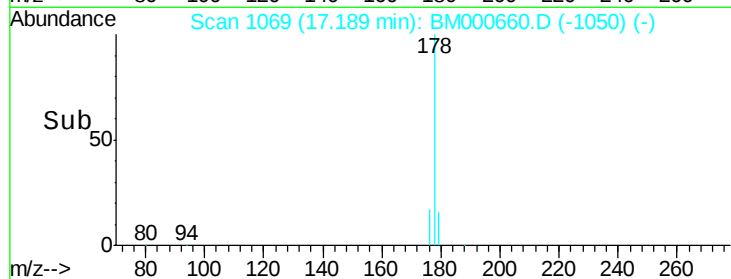
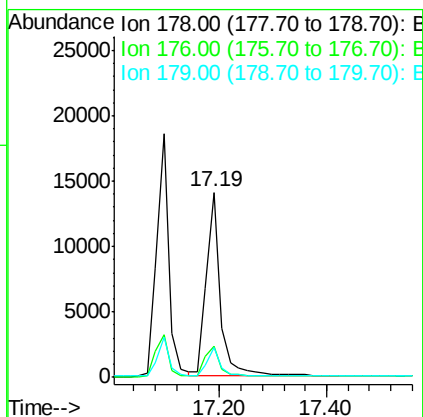
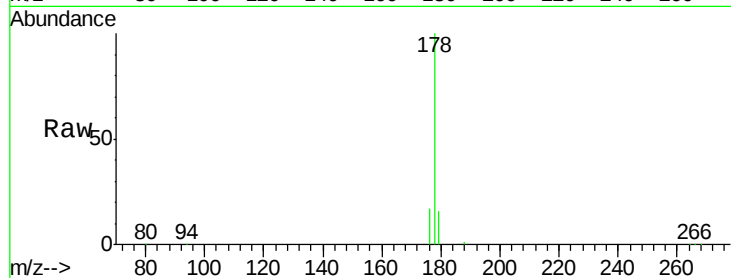
Time-->





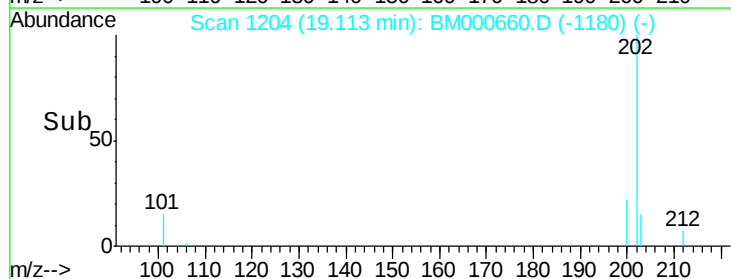
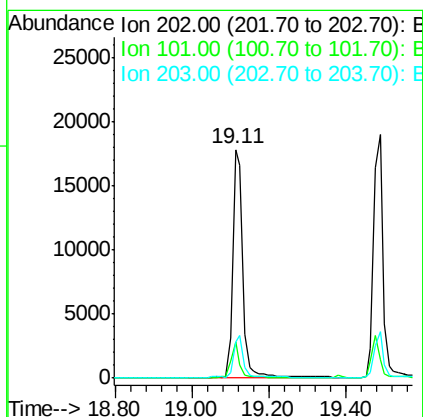
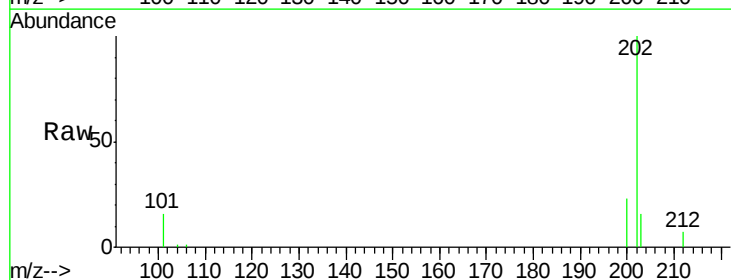
#15
 Anthracene
 Concen: 0.47 ng/ul
 RT: 17.19 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BM000660.D
 Acq: 05 Mar 2015 00:19

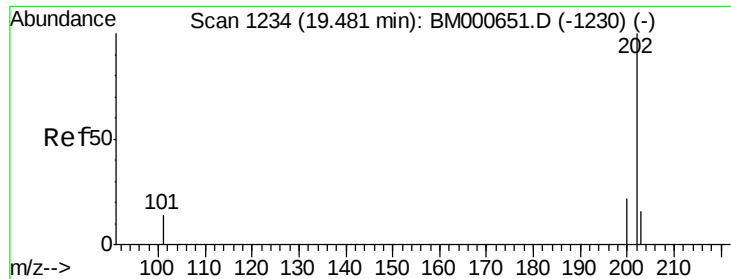
Tgt Ion:178 Resp: 25547
 Ion Ratio Lower Upper
 178 100
 176 17.1 14.2 21.4
 179 16.3 12.8 19.2



#17
 Fluoranthene
 Concen: 0.51 ng/ul
 RT: 19.11 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM000660.D
 Acq: 05 Mar 2015 00:19

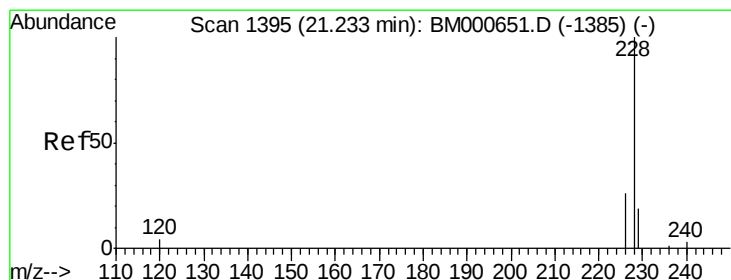
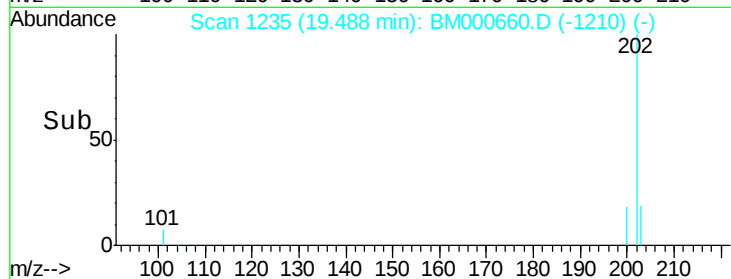
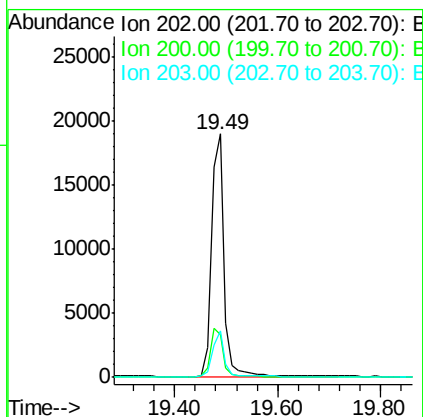
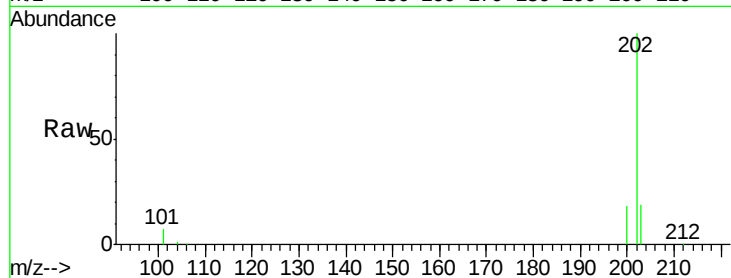
Tgt Ion:202 Resp: 31964
 Ion Ratio Lower Upper
 202 100
 101 15.6 0.0 27.0
 203 15.7 0.0 38.5





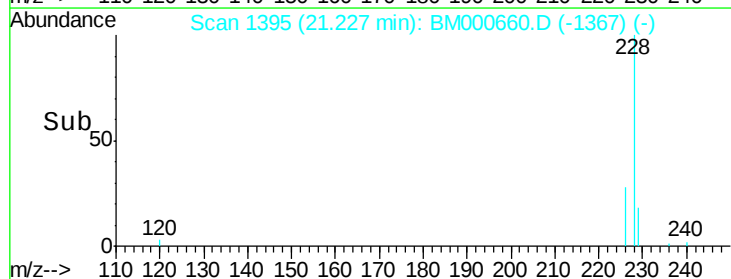
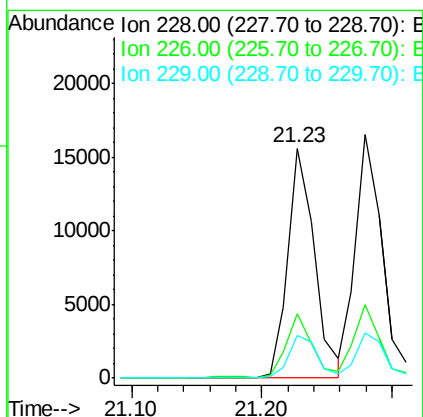
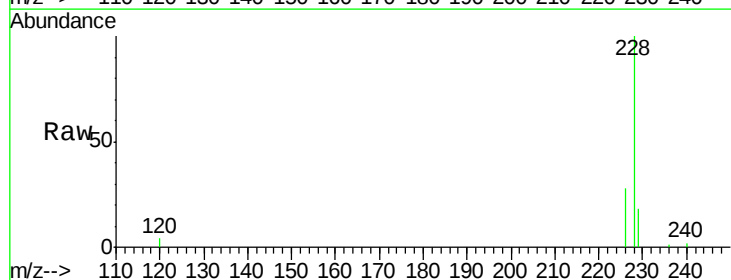
#19
 Pyrene
 Concen: 0.46 ng/ul
 RT: 19.49 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BM000660.D
 Acq: 05 Mar 2015 00:19

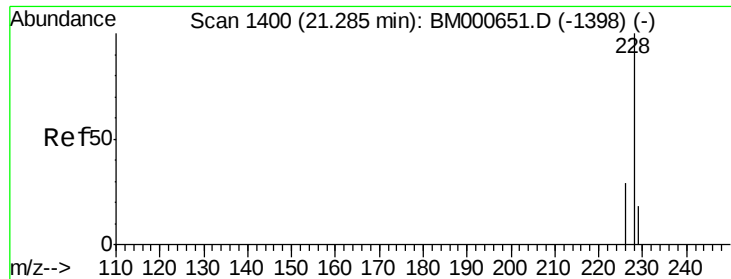
Tgt Ion:	202	Resp:	32287
Ion	Ratio	Lower	Upper
202	100		
200	17.8	15.5	23.3
203	19.0	14.2	21.2



#20
 Benzo(a)anthracene
 Concen: 0.48 ng/ul
 RT: 21.23 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BM000660.D
 Acq: 05 Mar 2015 00:19

Tgt Ion:	228	Resp:	21878
Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.0	30.0
229	18.5	16.7	25.1

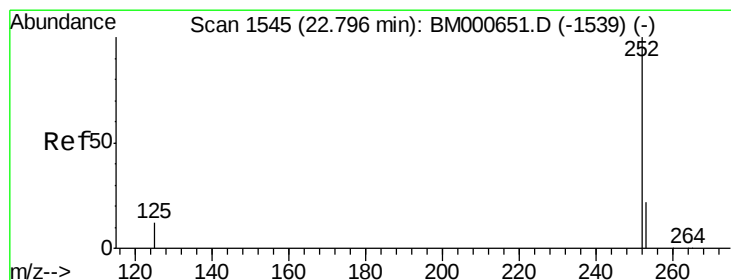
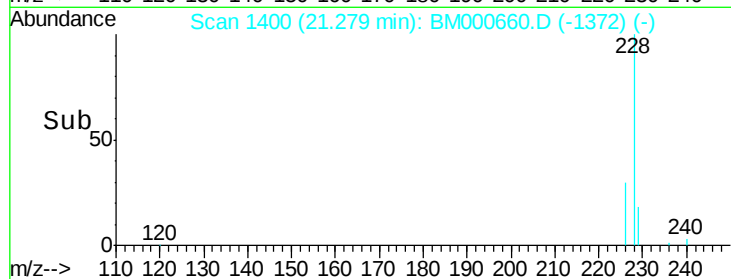
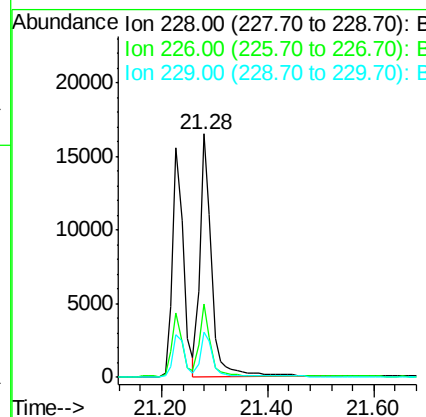
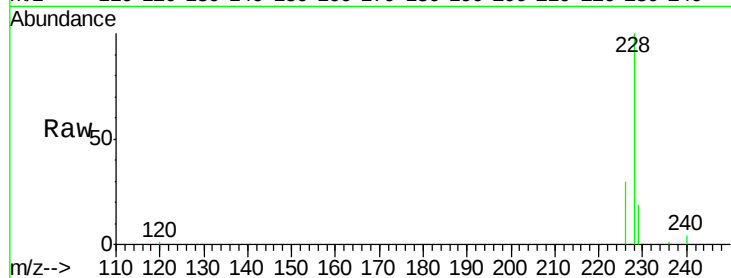




#21
Chrysene
Concen: 0.46 ng/ul
RT: 21.28 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BM000660.D
Acq: 05 Mar 2015 00:19

Tgt Ion: 228 Resp: 25122

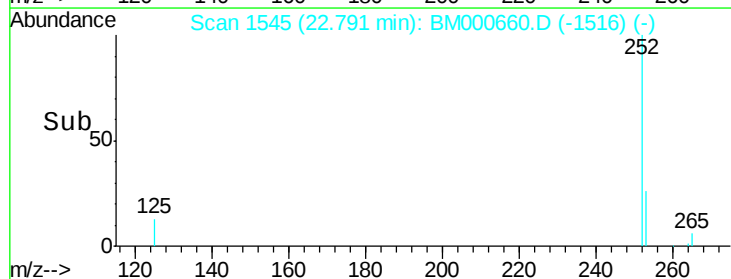
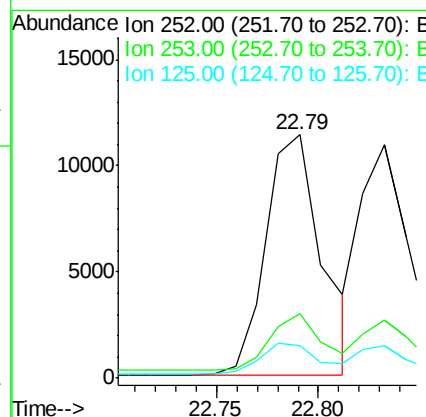
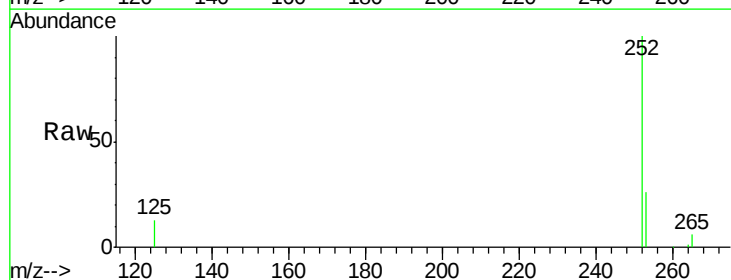
Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	18.7	16.4	24.6

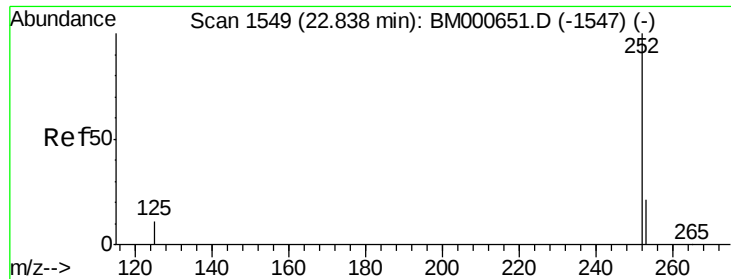


#23
Benzo(b)fluoranthene
Concen: 0.54 ng/ul
RT: 22.79 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BM000660.D
Acq: 05 Mar 2015 00:19

Tgt Ion: 252 Resp: 21480

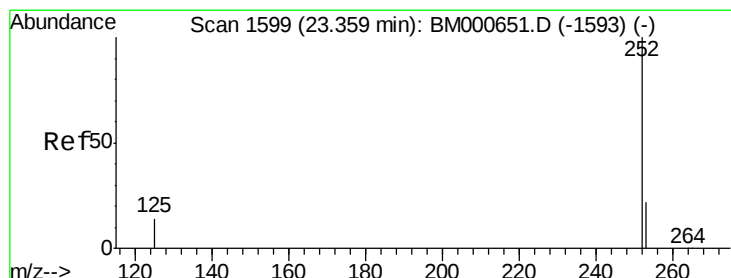
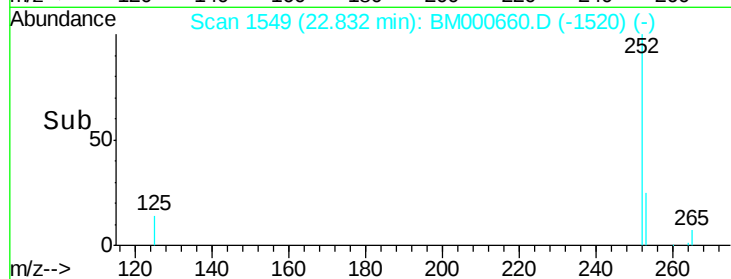
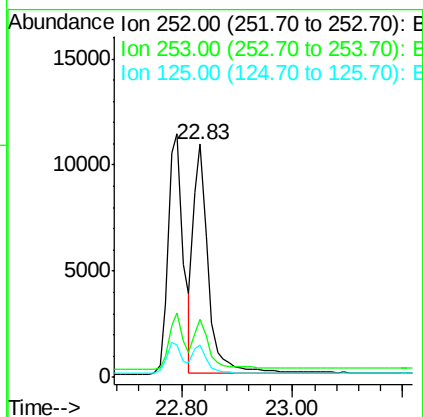
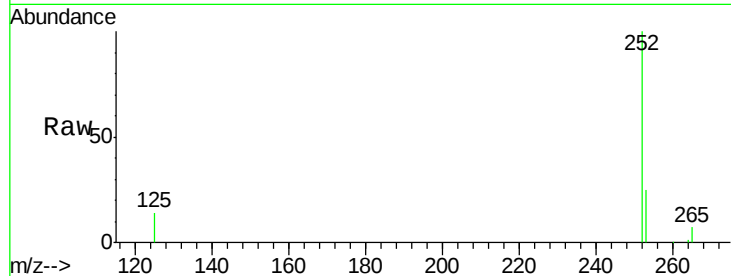
Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	51.2
125	13.4	0.0	30.0





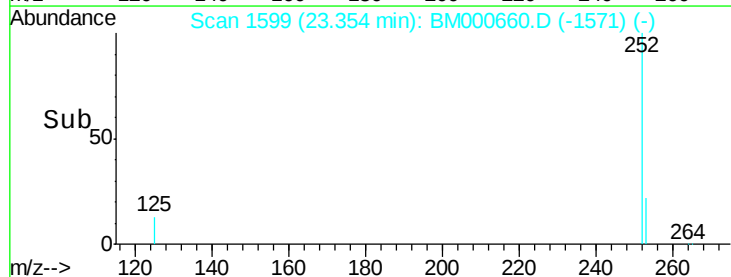
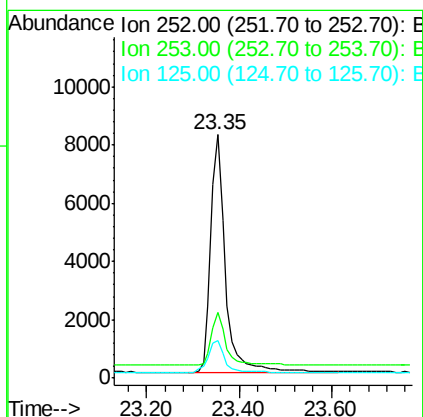
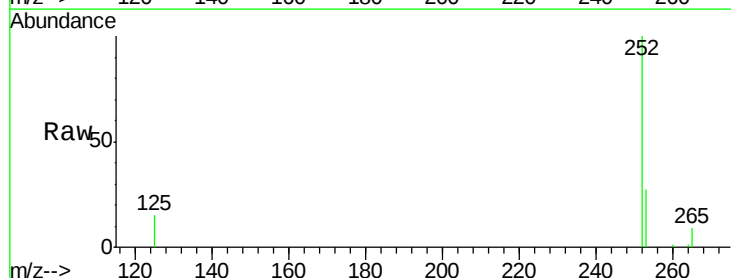
#24
Benzo(k)fluoranthene
Concen: 0.45 ng/u1
RT: 22.83 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BM000660.D
Acq: 05 Mar 2015 00:19

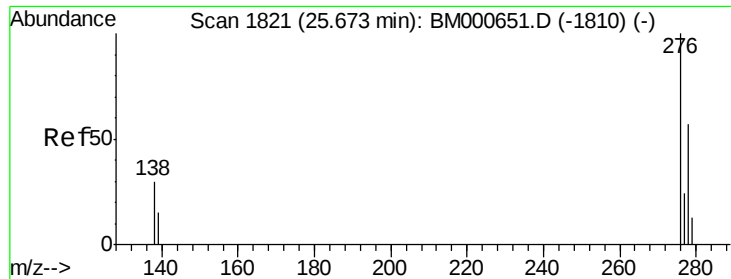
Tgt Ion:252 Resp: 20130
Ion Ratio Lower Upper
252 100
253 25.0 20.5 30.7
125 13.6 11.8 17.6



#25
Benzo(a)pyrene
Concen: 0.46 ng/u1
RT: 23.35 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BM000660.D
Acq: 05 Mar 2015 00:19

Tgt Ion:252 Resp: 18217
Ion Ratio Lower Upper
252 100
253 27.0 23.4 35.0
125 15.4 12.2 18.4





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.43 ng/ul

RT: 25.67 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BM000660.D

Acq: 05 Mar 2015 00:19

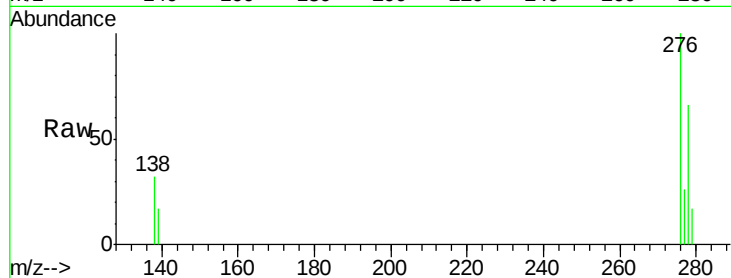
Tgt Ion: 276 Resp: 18367

Ion Ratio Lower Upper

276 100

138 32.7 23.8 35.8

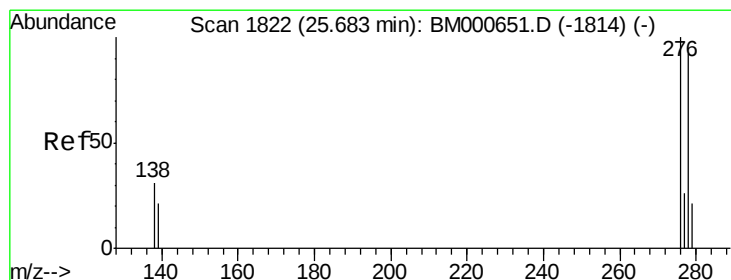
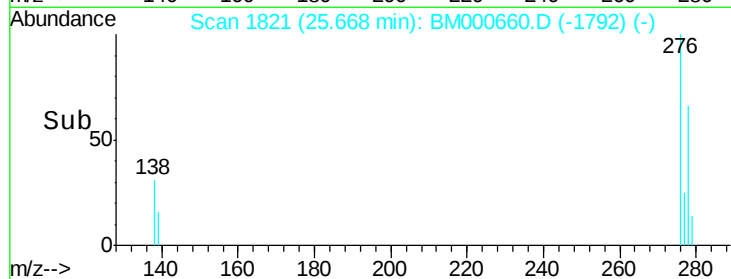
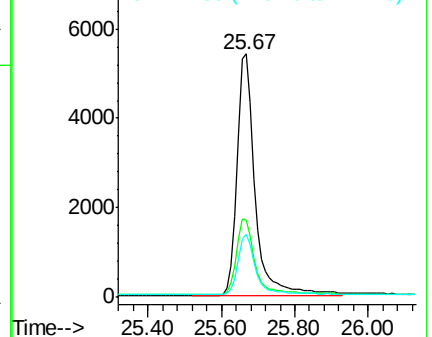
277 24.6 19.7 29.5



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: 0.42 ng/ul

RT: 25.68 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM000660.D

Acq: 05 Mar 2015 00:19

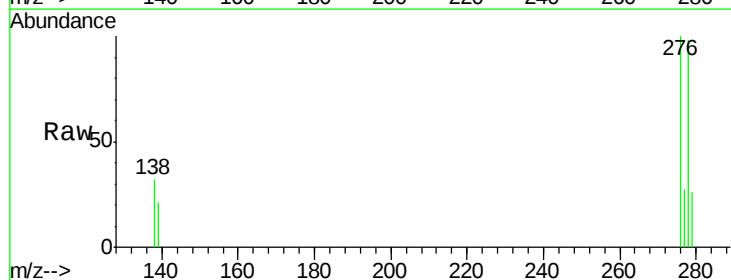
Tgt Ion: 278 Resp: 14297

Ion Ratio Lower Upper

278 100

139 22.0 17.0 25.6

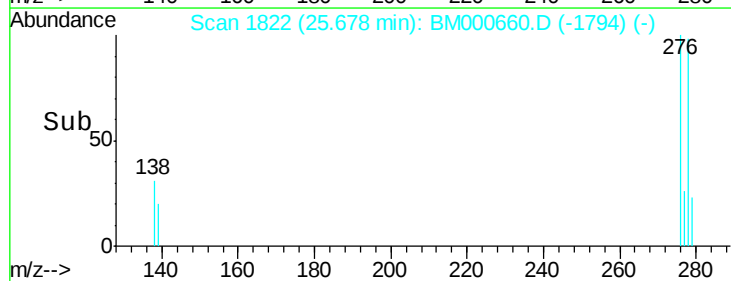
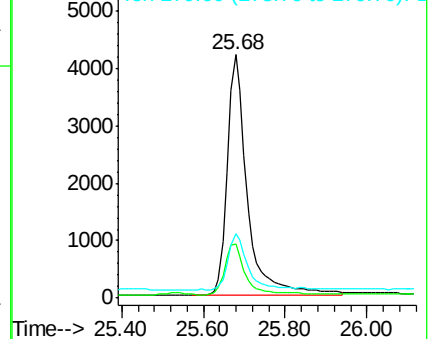
279 26.4 22.3 33.5

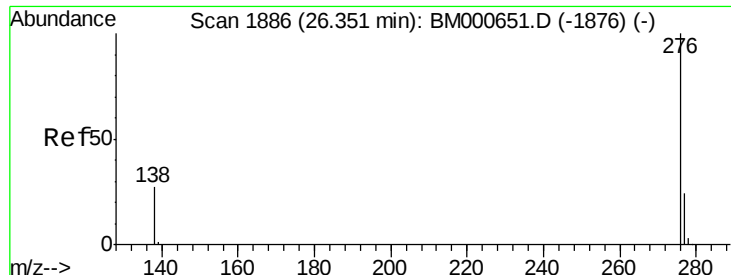


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.44 ng/ul

RT: 26.33 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BM000660.D

Acq: 05 Mar 2015 00:19

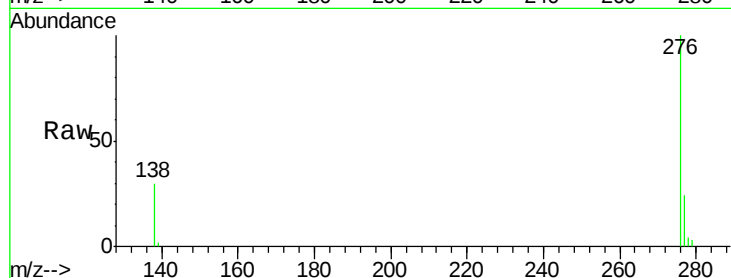
Tgt Ion: 276 Resp: 16276

Ion Ratio Lower Upper

276 100

277 23.7 19.9 29.9

138 29.7 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

