

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
 Data File : BM000651.D
 Acq On : 04 Mar 2015 17:10
 Operator : TP/IZ
 Sample : SSTD0.445
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 04 23:34:31 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	5012	0.40	ng/ul	0.00
4) Naphthalene-d8	10.44	136	18620	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10286	0.40	ng/ul	-0.01
12) Phenanthrene-d10	17.05	188	21721	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	15407	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	11161	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	8810	2.41	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	10756	0.46	ng/ul	0.00
16) Fluoranthene-d10	19.09	212	19842	0.50	ng/ul	0.00

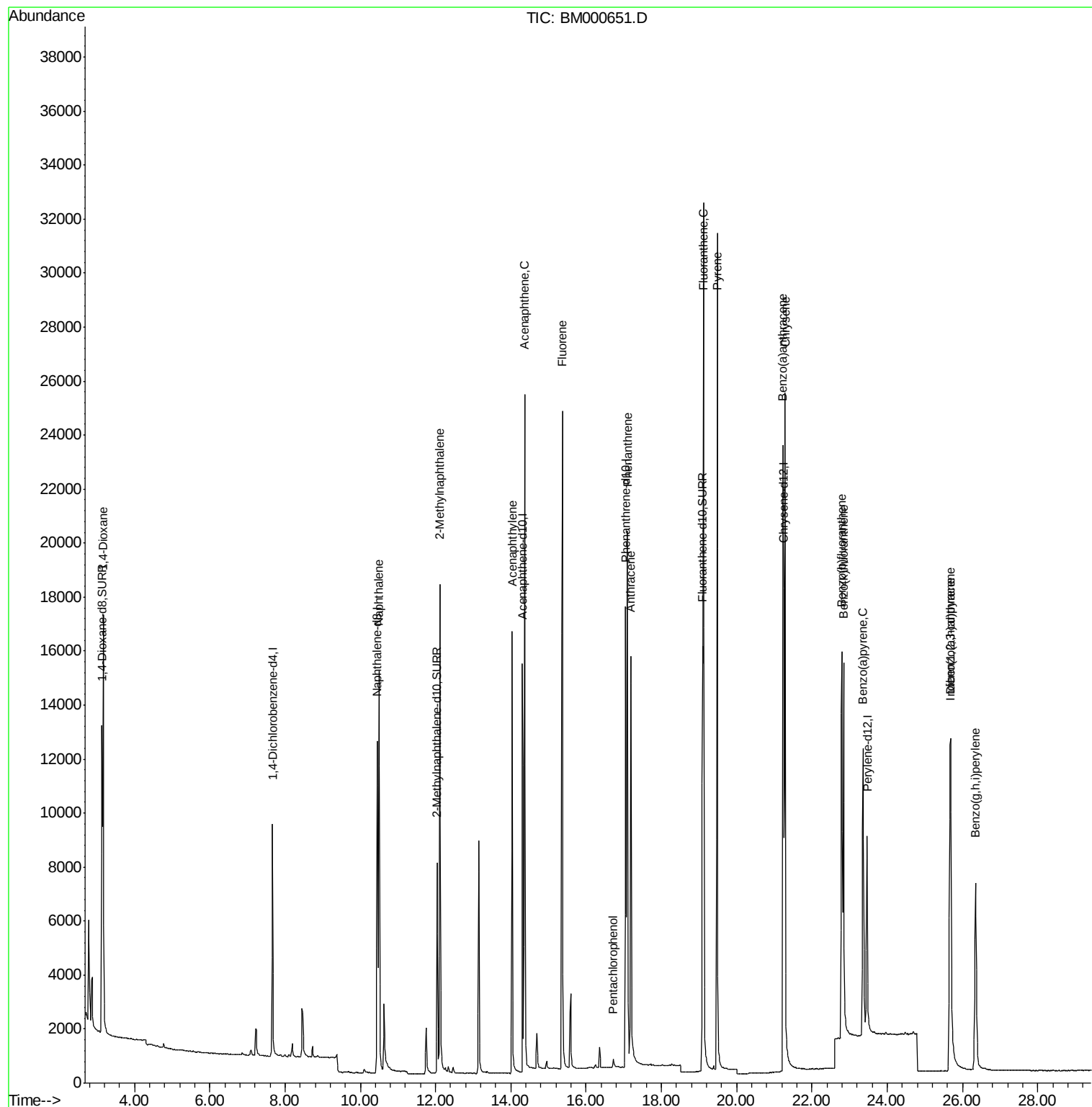
Target Compounds

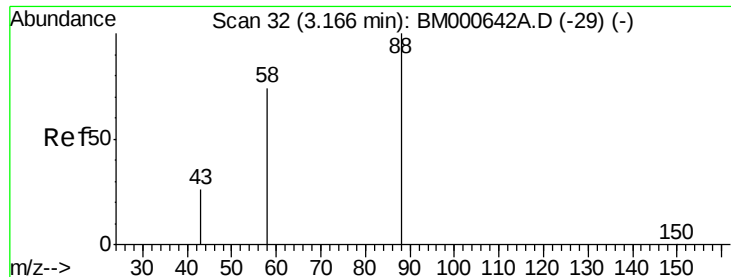
						Qvalue
3) 1,4-Dioxane	3.17	88	13600	2.40	ng/ul	100
5) Naphthalene	10.49	128	22015	0.46	ng/ul	99
7) 2-Methylnaphthalene	12.12	142	14867	0.46	ng/ul	100
9) Acenaphthylene	14.03	152	20022	0.39	ng/ul	99
10) Acenaphthene	14.37	153	15553	0.38	ng/ul	88
11) Fluorene	15.37	166	19041	0.41	ng/ul	91
13) Pentachlorophenol	16.71	266	399	0.20	ng/ul	93
14) Phenanthrene	17.10	178	29484	0.46	ng/ul	96
15) Anthracene	17.18	178	25623	0.46	ng/ul	95
17) Fluoranthene	19.12	202	31621	0.49	ng/ul	94
19) Pyrene	19.48	202	31693	0.47	ng/ul	96
20) Benzo(a)anthracene	21.23	228	21091	0.47	ng/ul	96
21) Chrysene	21.28	228	24178	0.46	ng/ul	97
23) Benzo(b)fluoranthene	22.80	252	20102	0.53	ng/ul	98
24) Benzo(k)fluoranthene	22.84	252	19207	0.46	ng/ul	99
25) Benzo(a)pyrene	23.36	252	17196	0.46	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.67	276	17218	0.43	ng/ul	97
27) Dibenzo(a,h)anthracene	25.68	278	13459	0.42	ng/ul	96
28) Benzo(g,h,i)perylene	26.35	276	15175	0.43	ng/ul	98

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
Data File : BM000651.D
Acq On : 04 Mar 2015 17:10
Operator : TP/IZ
Sample : SST0.445
Misc :
ALS Vial : 4 Sample Multiplier: 1

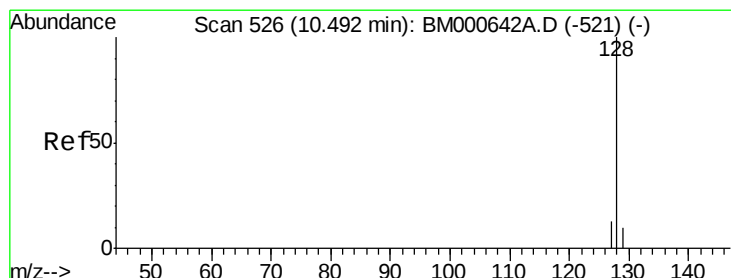
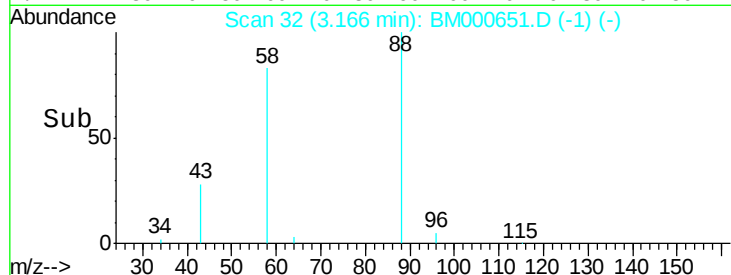
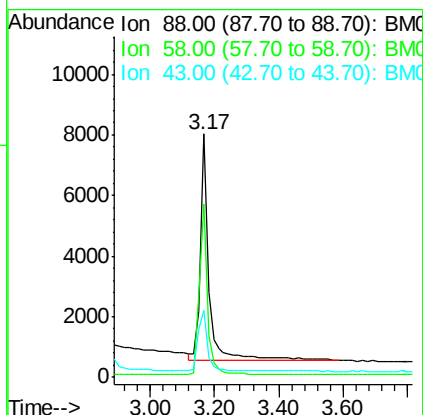
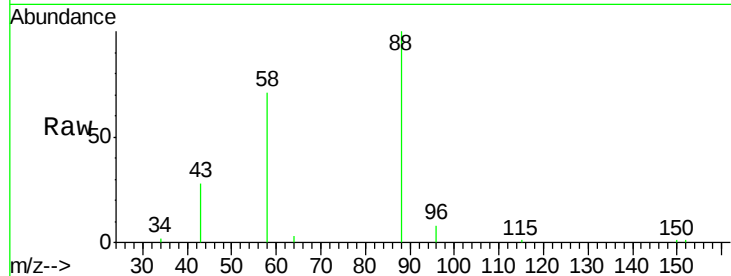
Quant Time: Mar 04 23:34:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 23:23:51 2015
Response via : Initial Calibration





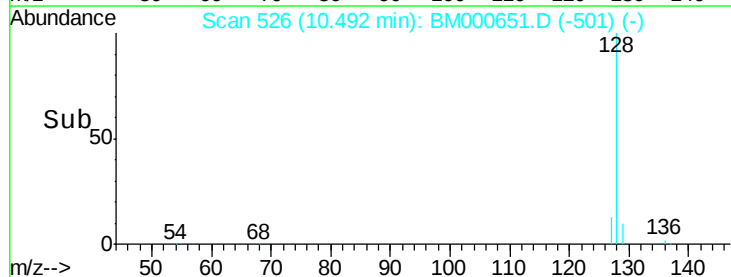
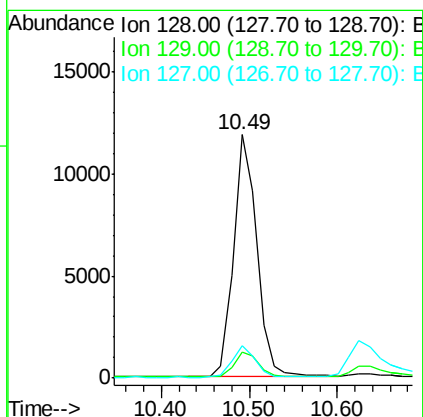
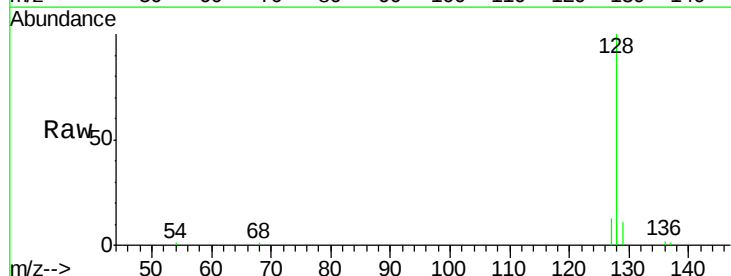
#3
1,4-Dioxane
Concen: 2.40 ng/ul
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM000651.D
Acq: 04 Mar 2015 17:10

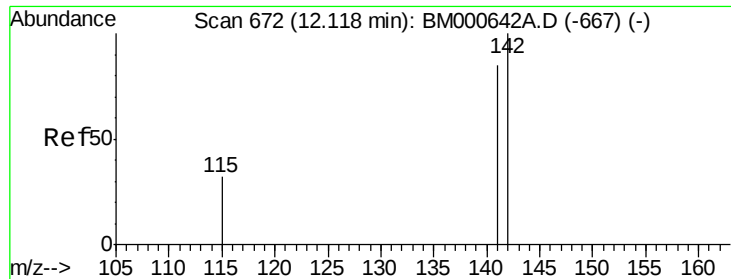
Tgt Ion: 88 Resp: 13600
Ion Ratio Lower Upper
88 100
58 69.5 55.4 83.2
43 29.8 24.2 36.2



#5
Naphthalene
Concen: 0.46 ng/ul
RT: 10.49 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM000651.D
Acq: 04 Mar 2015 17:10

Tgt Ion: 128 Resp: 22015
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.3 11.0 16.6





#7

2-Methylnaphthalene

Concen: 0.46 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM000651.D

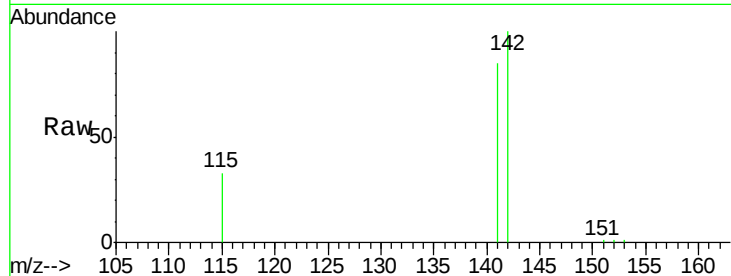
Acq: 04 Mar 2015 17:10

Tgt Ion:142 Resp: 14867

Ion Ratio Lower Upper

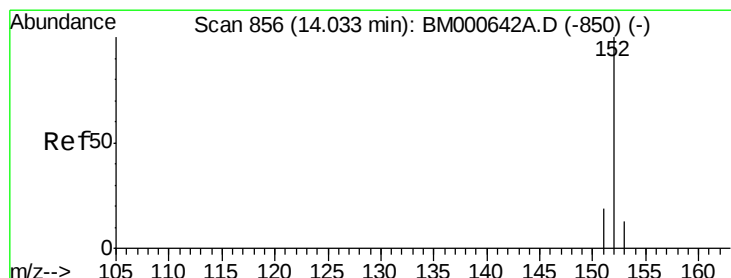
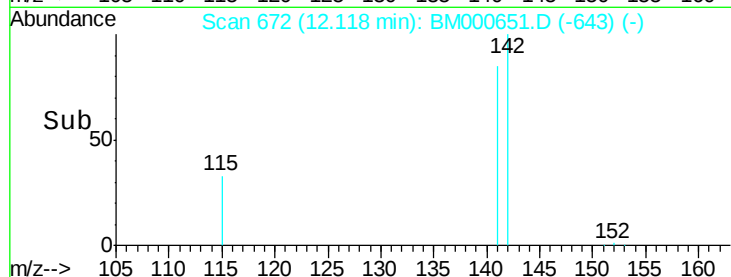
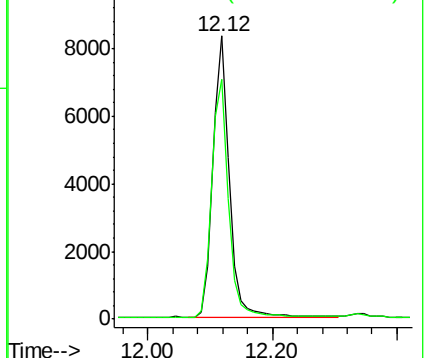
142 100

141 88.2 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: 0.39 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM000651.D

Acq: 04 Mar 2015 17:10

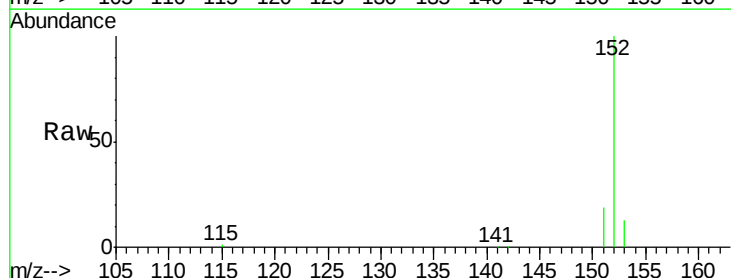
Tgt Ion:152 Resp: 20022

Ion Ratio Lower Upper

152 100

151 19.1 16.0 24.0

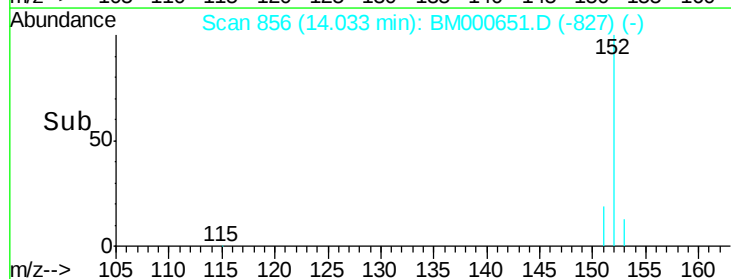
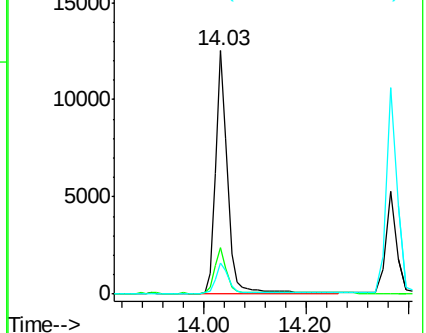
153 12.9 10.2 15.4

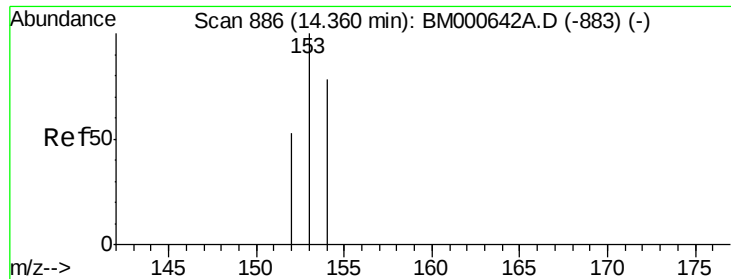


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.38 ng/ul

RT: 14.37 min Scan# 886

Delta R.T. 0.01 min

Lab File: BM000651.D

Acq: 04 Mar 2015 17:10

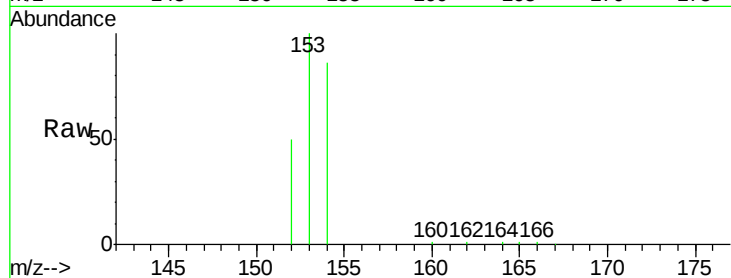
Tgt Ion:153 Resp: 15553

Ion Ratio Lower Upper

153 100

152 49.8 34.2 51.2

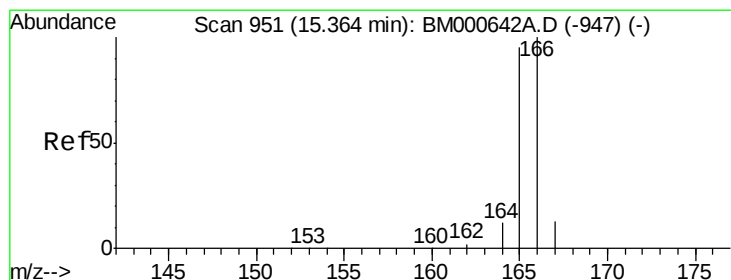
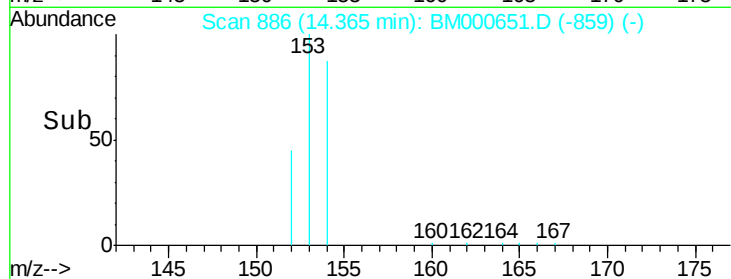
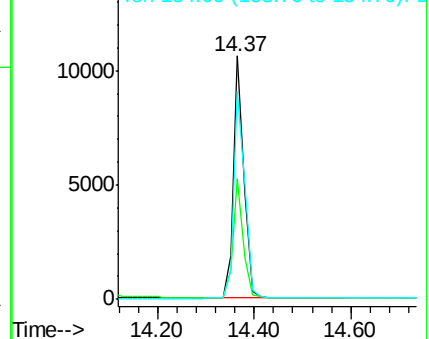
154 85.6 78.8 118.2



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: 0.41 ng/ul

RT: 15.37 min Scan# 951

Delta R.T. 0.01 min

Lab File: BM000651.D

Acq: 04 Mar 2015 17:10

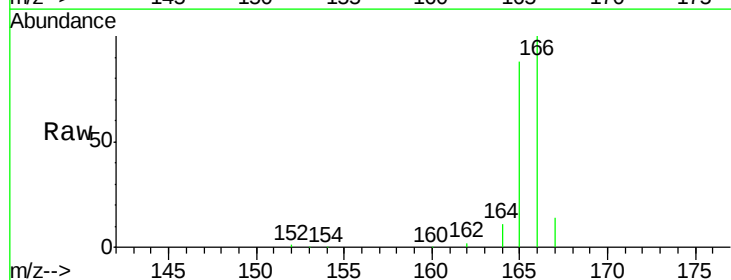
Tgt Ion:166 Resp: 19041

Ion Ratio Lower Upper

166 100

165 88.3 78.5 117.7

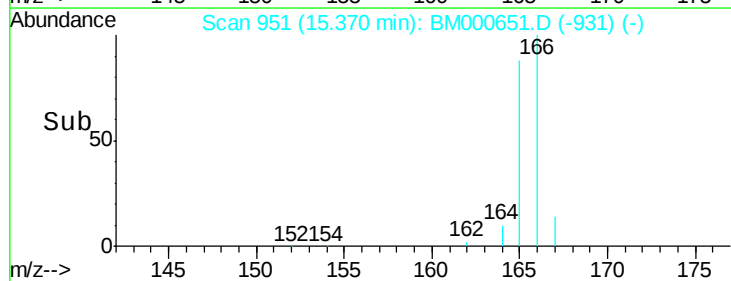
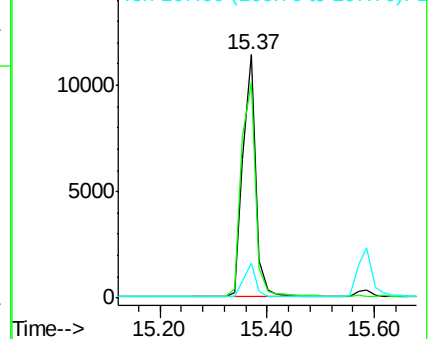
167 14.5 10.6 16.0

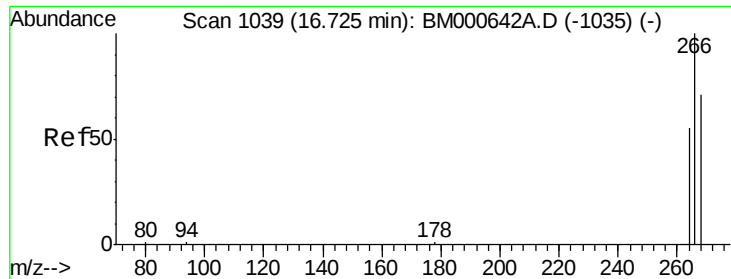


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

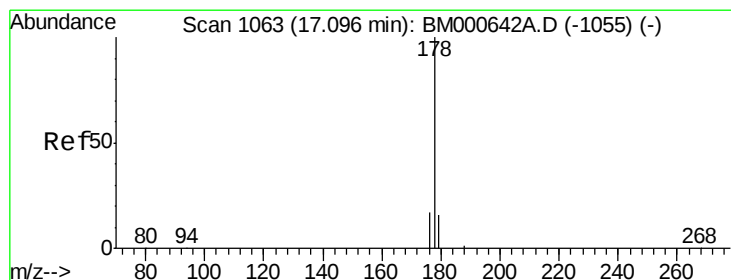
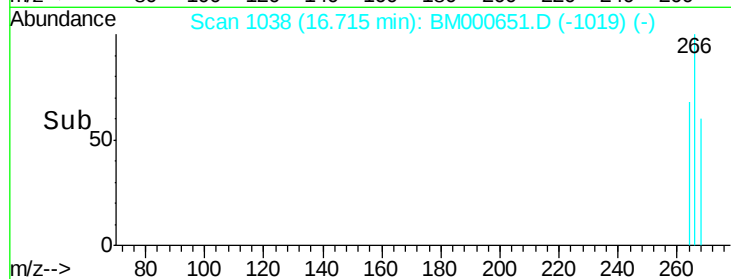
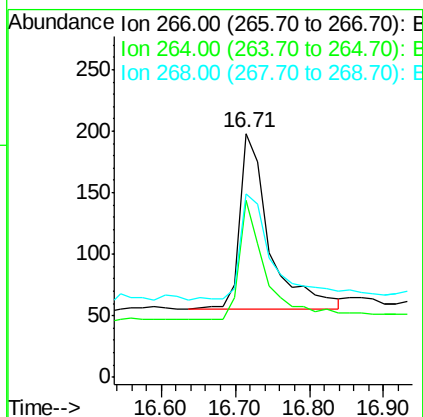
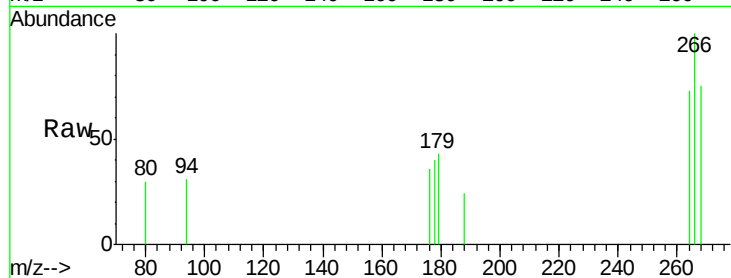
Ion 167.00 (166.70 to 167.70): E





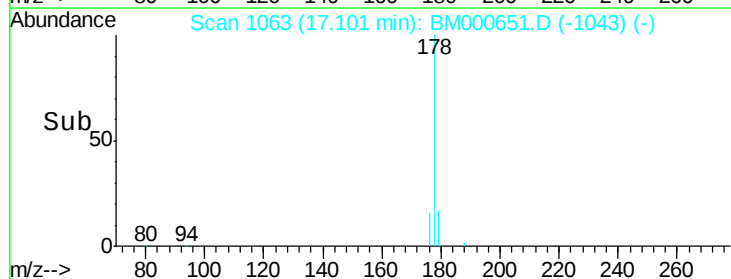
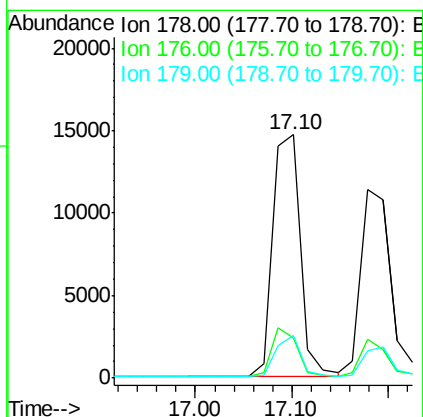
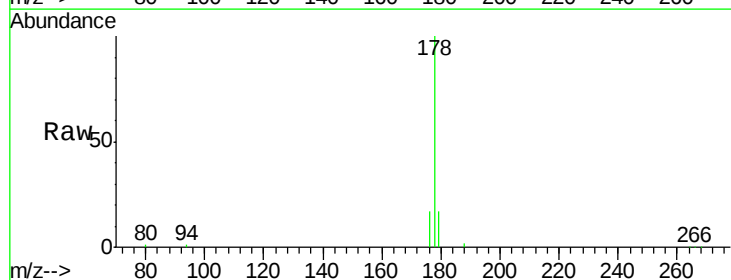
#13
 Pentachlorophenol
 Concen: 0.20 ng/ul
 RT: 16.71 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BM000651.D
 Acq: 04 Mar 2015 17:10

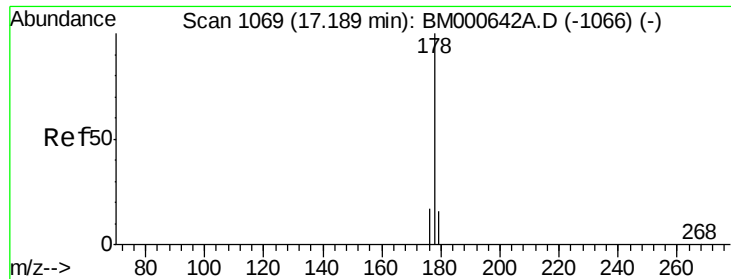
Tgt Ion: 266 Resp: 399
 Ion Ratio Lower Upper
 266 100
 264 67.2 51.0 76.4
 268 68.4 49.4 74.2



#14
 Phenanthrene
 Concen: 0.46 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.01 min
 Lab File: BM000651.D
 Acq: 04 Mar 2015 17:10

Tgt Ion: 178 Resp: 29484
 Ion Ratio Lower Upper
 178 100
 176 16.7 14.8 22.2
 179 17.5 12.7 19.1





#15

Anthracene

Concen: 0.46 ng/ul

RT: 17.18 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BM000651.D

Acq: 04 Mar 2015 17:10

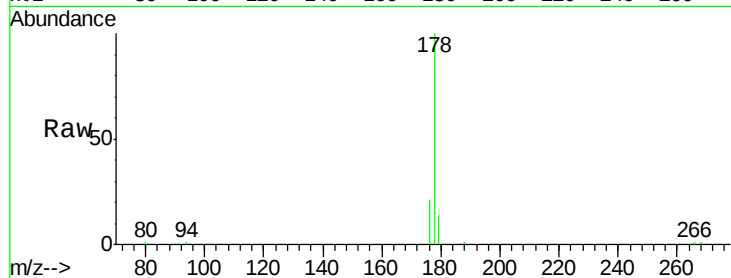
Tgt Ion:178 Resp: 25623

Ion Ratio Lower Upper

178 100

176 20.6 14.2 21.4

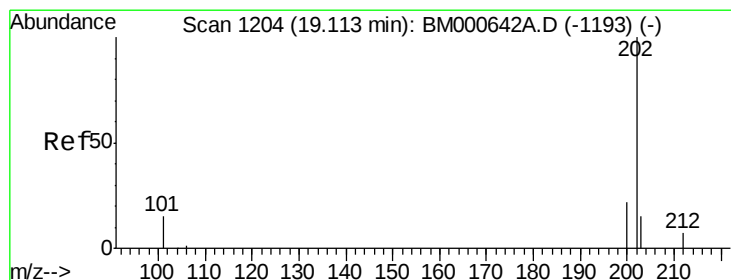
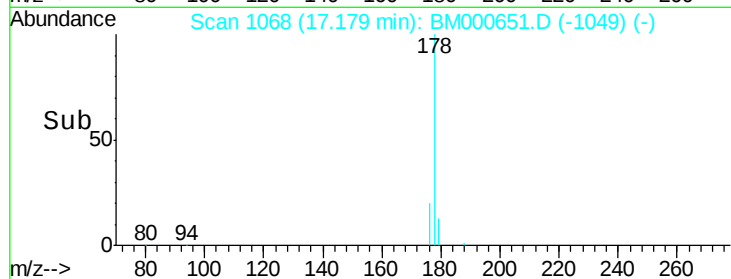
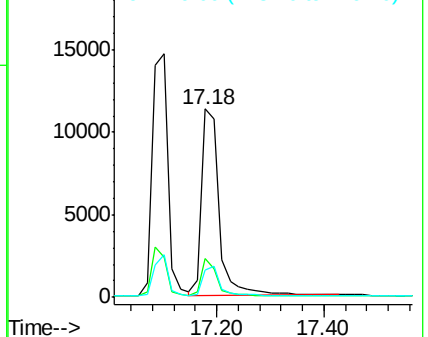
179 14.2 12.8 19.2



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: 0.49 ng/ul

RT: 19.12 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BM000651.D

Acq: 04 Mar 2015 17:10

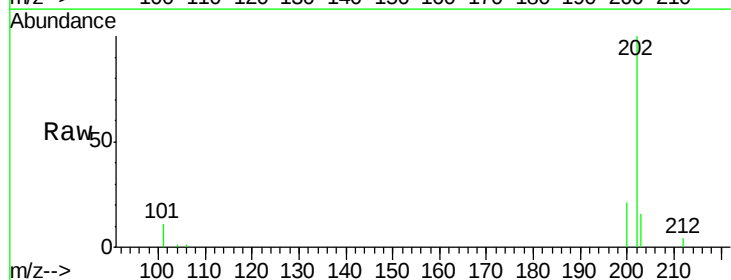
Tgt Ion:202 Resp: 31621

Ion Ratio Lower Upper

202 100

101 10.8 0.0 27.0

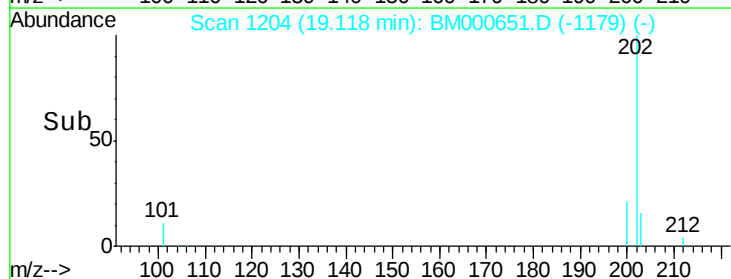
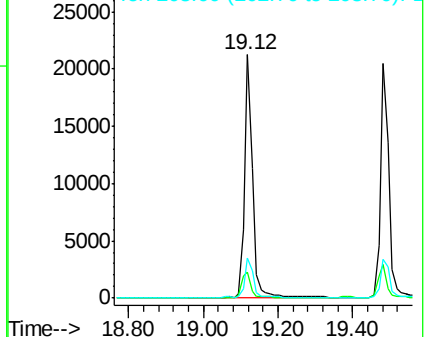
203 16.5 0.0 38.5

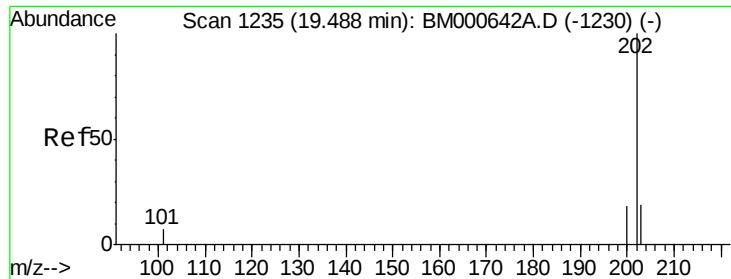


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

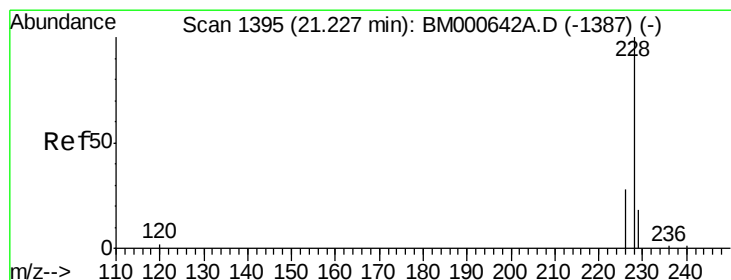
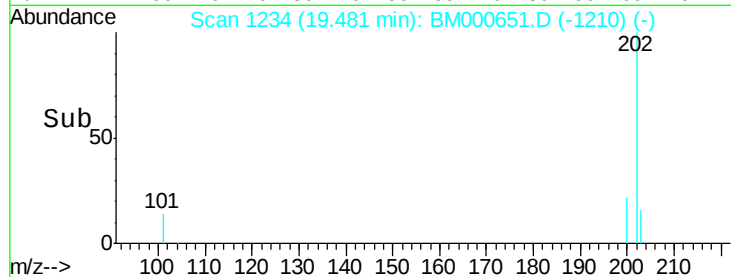
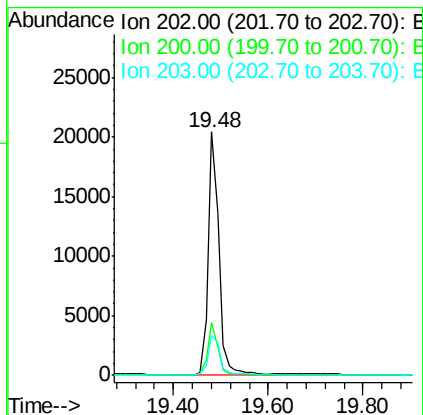
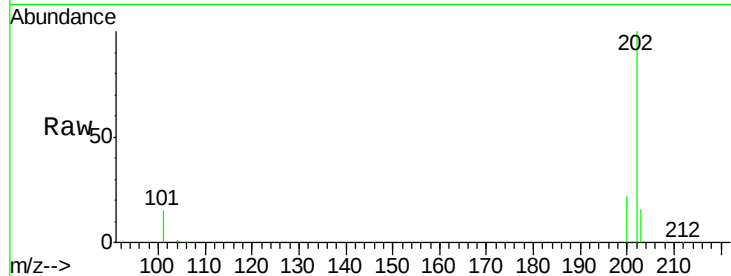
Ion 203.00 (202.70 to 203.70): E





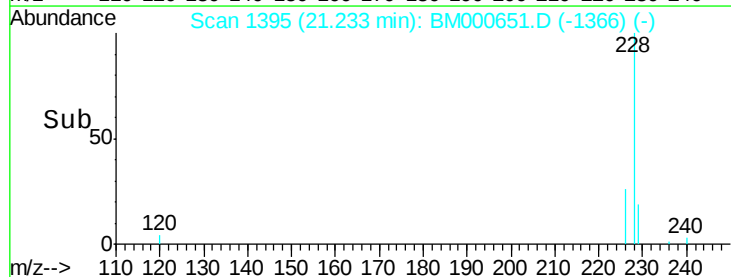
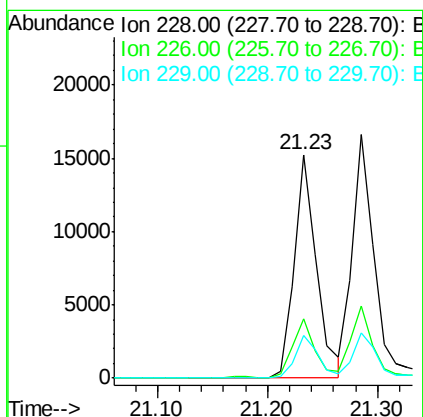
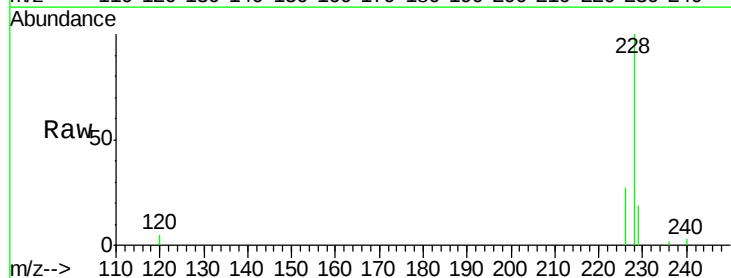
#19
 Pyrene
 Concen: 0.47 ng/ul
 RT: 19.48 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BM000651.D
 Acq: 04 Mar 2015 17:10

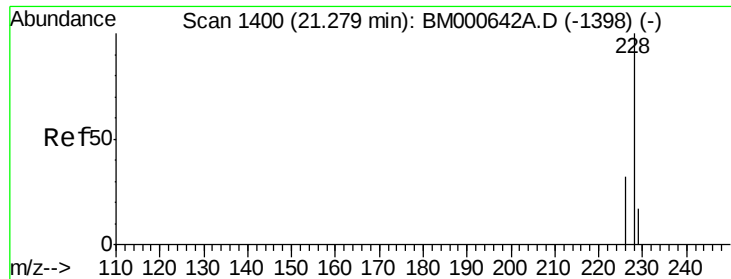
Tgt Ion: 202 Resp: 31693
 Ion Ratio Lower Upper
 202 100
 200 21.8 15.5 23.3
 203 16.4 14.2 21.2



#20
 Benzo(a)anthracene
 Concen: 0.47 ng/ul
 RT: 21.23 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BM000651.D
 Acq: 04 Mar 2015 17:10

Tgt Ion: 228 Resp: 21091
 Ion Ratio Lower Upper
 228 100
 226 26.8 20.0 30.0
 229 18.9 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: BM000651.D

Acq: 04 Mar 2015 17:10

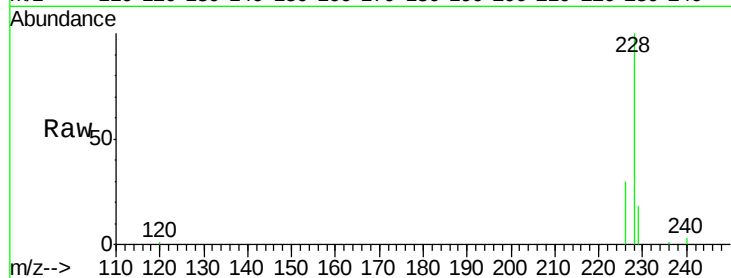
Tgt Ion: 228 Resp: 24178

Ion Ratio Lower Upper

228 100

226 29.6 22.6 33.8

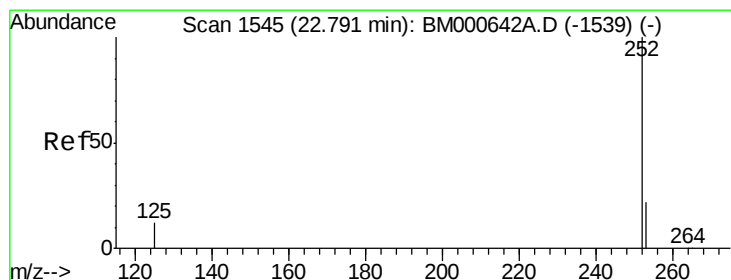
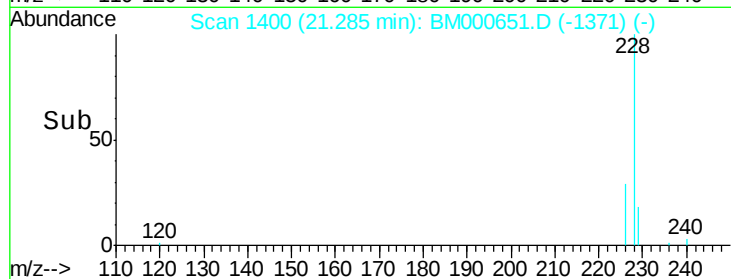
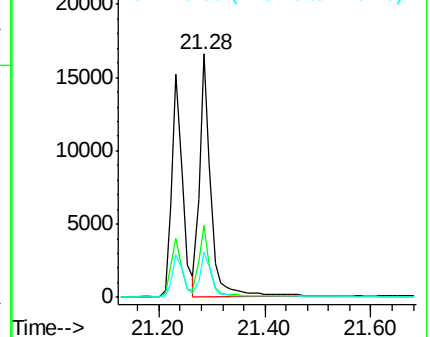
229 18.5 16.4 24.6



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: 0.53 ng/ul

RT: 22.80 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BM000651.D

Acq: 04 Mar 2015 17:10

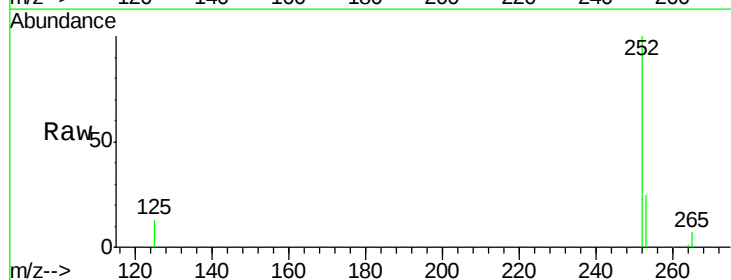
Tgt Ion: 252 Resp: 20102

Ion Ratio Lower Upper

252 100

253 25.3 0.0 51.2

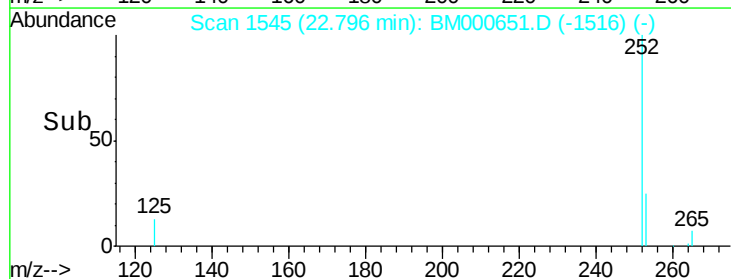
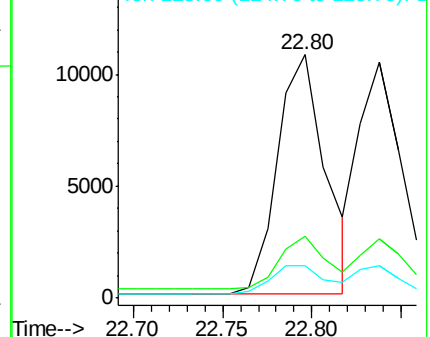
125 13.3 0.0 30.0

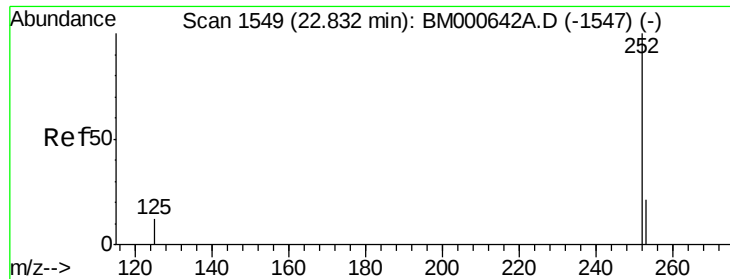


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

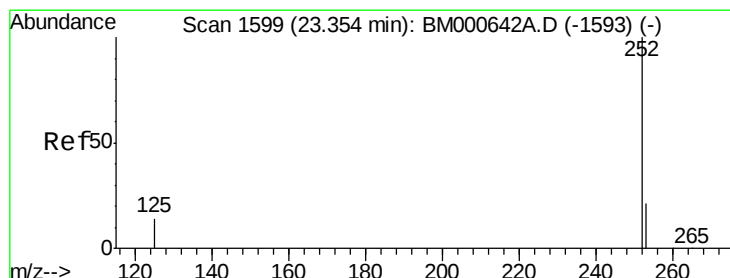
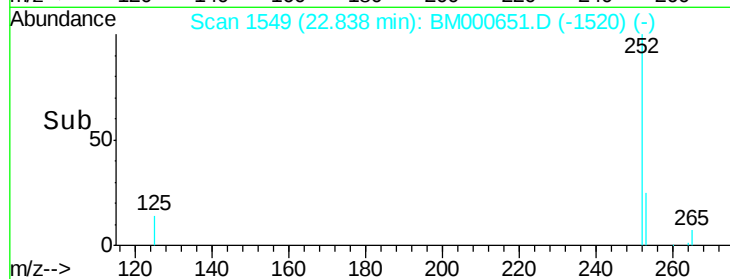
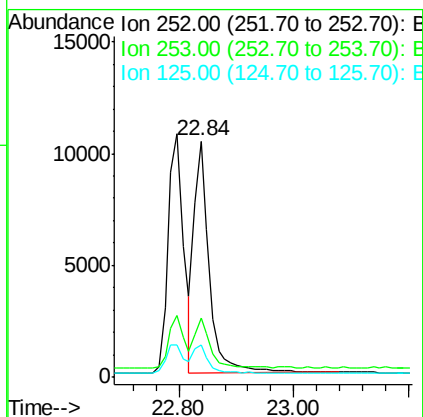
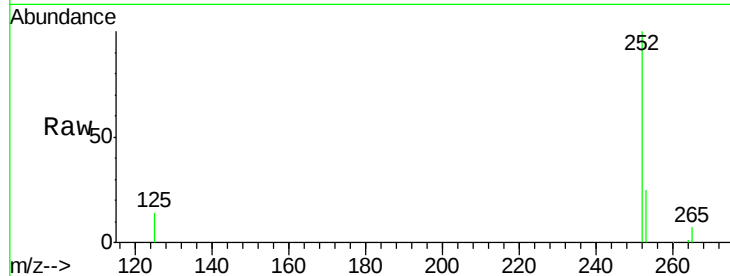
Ion 125.00 (124.70 to 125.70): E





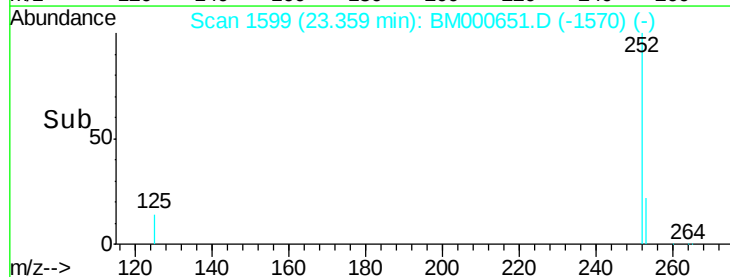
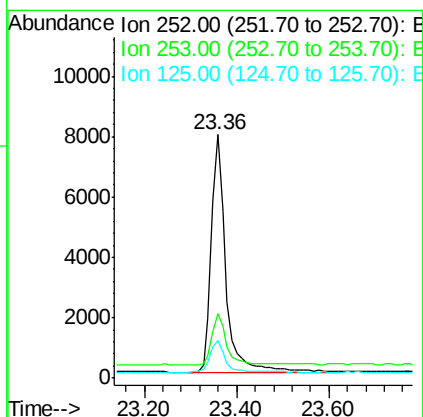
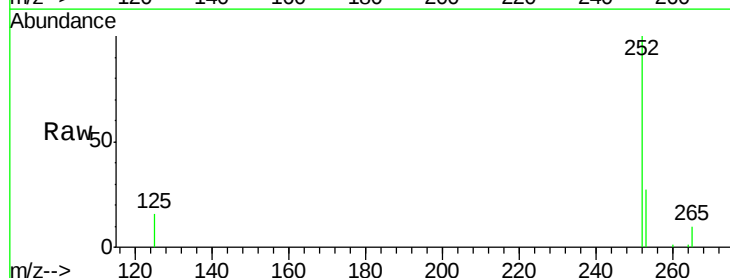
#24
Benzo(k)fluoranthene
Concen: 0.46 ng/ul
RT: 22.84 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BM000651.D
Acq: 04 Mar 2015 17:10

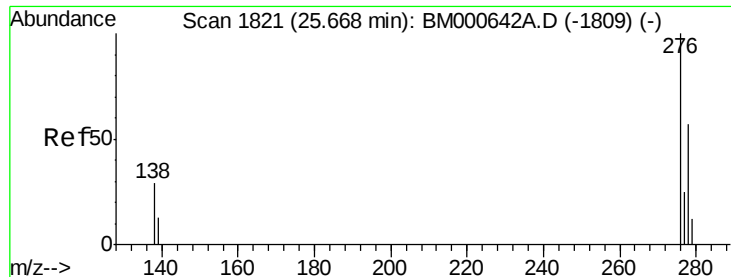
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.5	30.7
125	13.9	11.8	17.6



#25
Benzo(a)pyrene
Concen: 0.46 ng/ul
RT: 23.36 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BM000651.D
Acq: 04 Mar 2015 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	23.4	35.0
125	15.6	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. 0.01 min

Lab File: BM000651.D

Acq: 04 Mar 2015 17:10

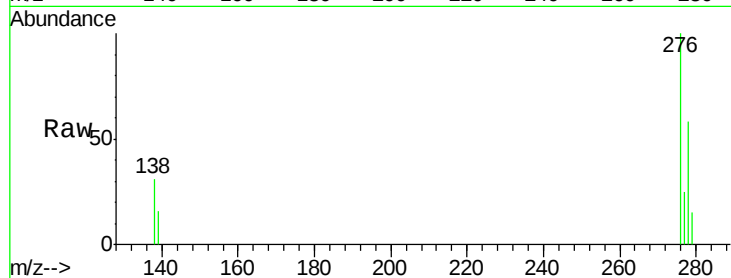
Tgt Ion: 276 Resp: 17218

Ion Ratio Lower Upper

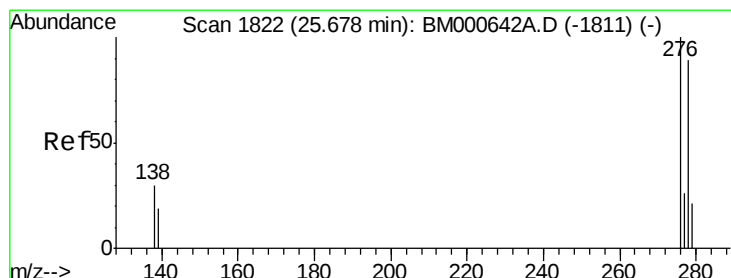
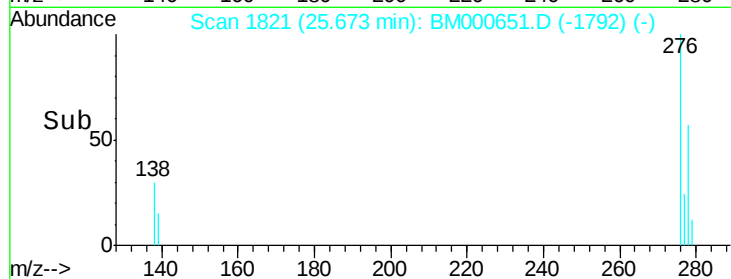
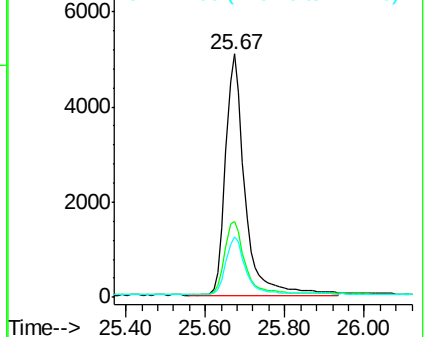
276 100

138 32.4 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: BM000651.D

Acq: 04 Mar 2015 17:10

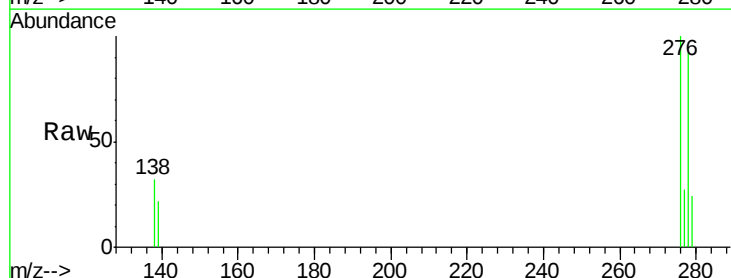
Tgt Ion: 278 Resp: 13459

Ion Ratio Lower Upper

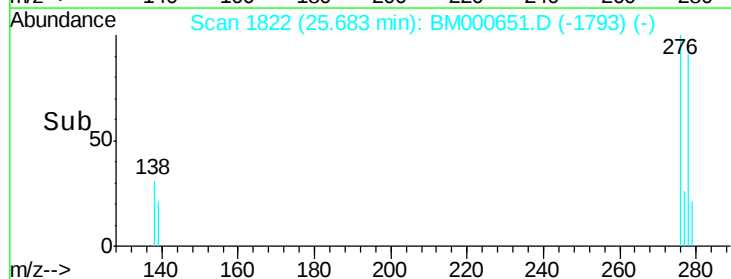
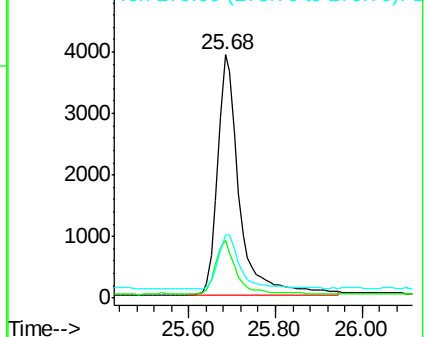
278 100

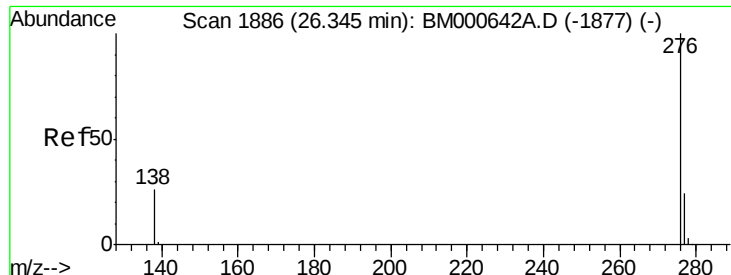
139 23.6 17.0 25.6

279 26.0 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: 0.43 ng/ul

RT: 26.35 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BM000651.D

Acq: 04 Mar 2015 17:10

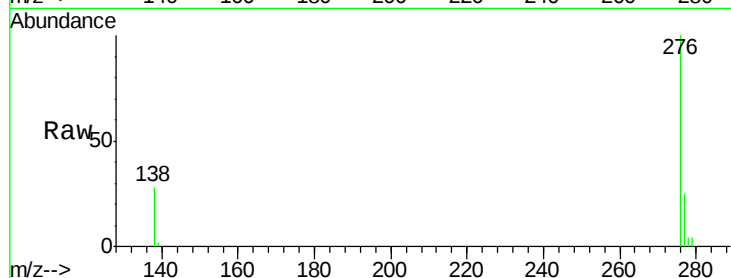
Tgt Ion: 276 Resp: 15175

Ion Ratio Lower Upper

276 100

277 24.9 19.9 29.9

138 28.0 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

