

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002698.D
 Acq On : 12 Sep 2015 01:17
 Operator : UM/IZ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 02:18:13 2015

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 12 01:57:16 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	11284	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	42826	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	17489	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	30320	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	27312	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	26066	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.82	96	9783	0.86	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.16	152	20672	0.36	ng/ul	-0.01
16) Fluoranthene-d10	20.03	212	26595	0.38	ng/ul	0.00

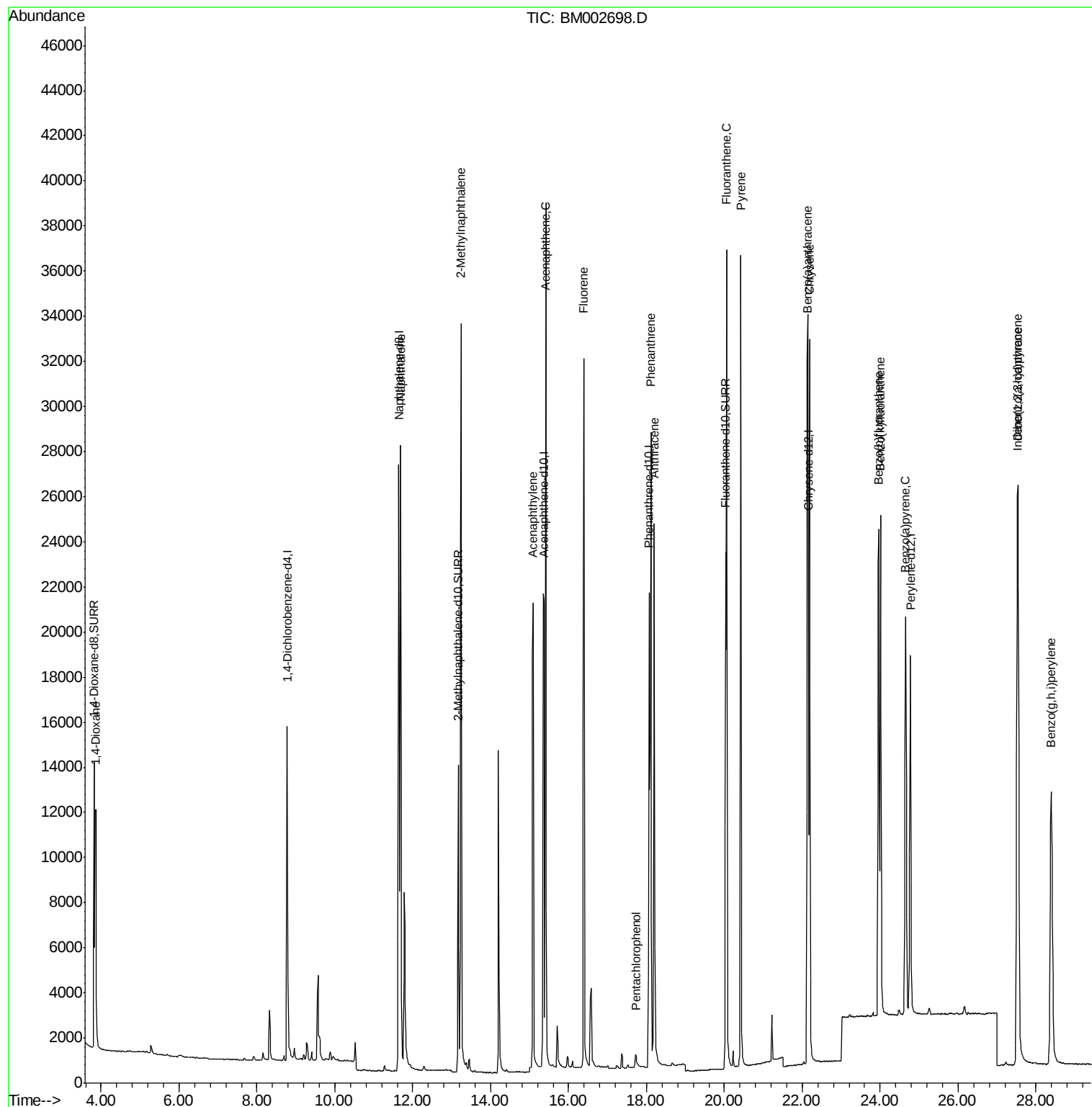
Target Compounds

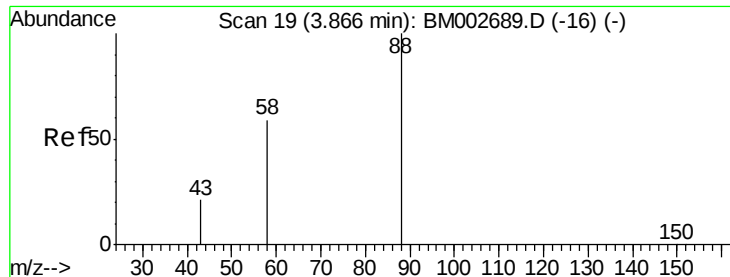
						Ovalue
3) 1,4-Dioxane	3.87	88	11092	0.84	ng/ul	97
5) Naphthalene	11.69	128	41955	0.38	ng/ul	98
7) 2-Methylnaphthalene	13.23	142	26476	0.36	ng/ul	98
9) Acenaphthylene	15.09	152	33501	0.36	ng/ul	95
10) Acenaphthene	15.42	153	24369	0.37	ng/ul	89
11) Fluorene	16.39	166	24537	0.35	ng/ul	84
13) Pentachlorophenol	17.72	266	945	0.32	ng/ul	96
14) Phenanthrene	18.11	178	34053	0.38	ng/ul	97
15) Anthracene	18.20	178	33195	0.37	ng/ul	96
17) Fluoranthene	20.06	202	36578	0.39	ng/ul	99
19) Pyrene	20.42	202	37614	0.36	ng/ul	94
20) Benzo(a)anthracene	22.13	228	32467	0.36	ng/ul	99
21) Chrysene	22.19	228	33243	0.38	ng/ul	95
23) Benzo(b)fluoranthene	23.96	252	33562	0.36	ng/ul	97
24) Benzo(k)fluoranthene	24.01	252	33448	0.39	ng/ul	97
25) Benzo(a)pyrene	24.65	252	31954	0.37	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	27.53	276	35012	0.34	ng/ul	99
27) Dibenzo(a,h)anthracene	27.54	278	27139	0.33	ng/ul	94
28) Benzo(g,h,i)perylene	28.39	276	31115	0.36	ng/ul	97

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 02:18:13 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 12 01:57:16 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.84 ng/ul

RT: 3.87 min Scan# 19

Delta R.T. -0.00 min

Lab File: BM002698.D

Acq: 12 Sep 2015 01:17

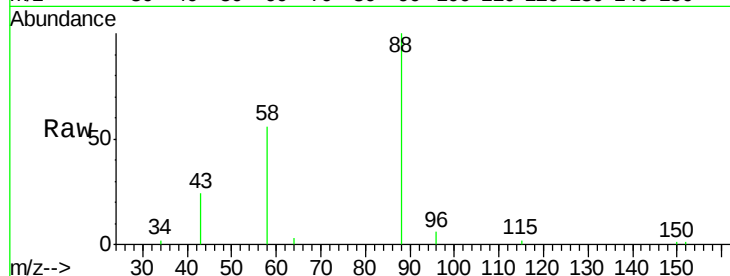
Tot Ion: 88 Resp: 11092

Ion Ratio Lower Upper

88 100

58 72.3 55.4 83.2

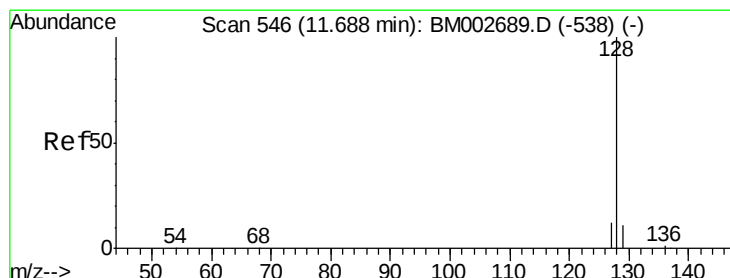
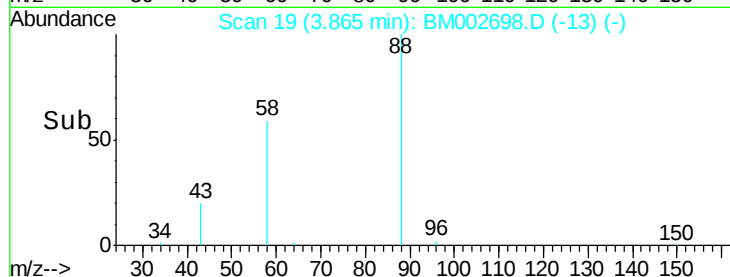
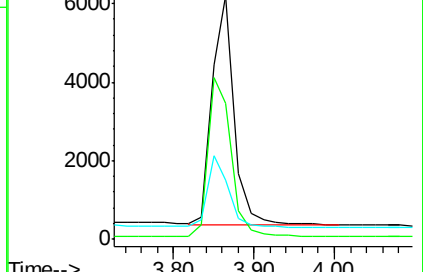
43 29.8 24.2 36.2



Abundance Ion 88.00 (87.70 to 88.70): BM002698.D (-16) (-)

Ion 58.00 (57.70 to 58.70): BM002698.D (-16) (-)

Ion 43.00 (42.70 to 43.70): BM002698.D (-16) (-)



#5

Naphthalene

Concen: 0.38 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002698.D

Acq: 12 Sep 2015 01:17

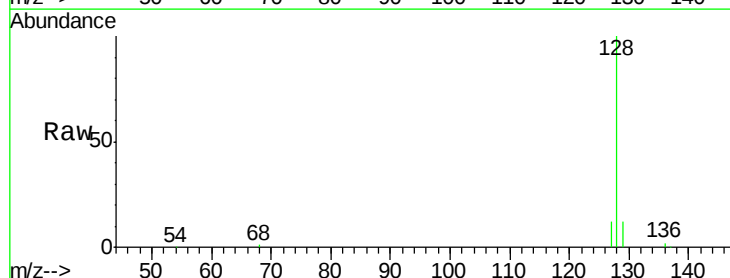
Tgt Ion: 128 Resp: 41955

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

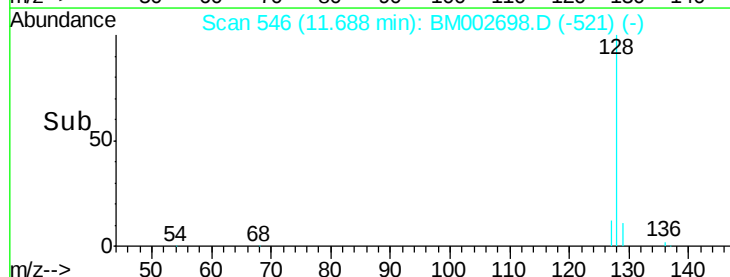
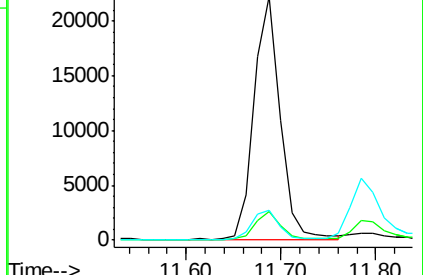
127 12.4 10.7 16.1

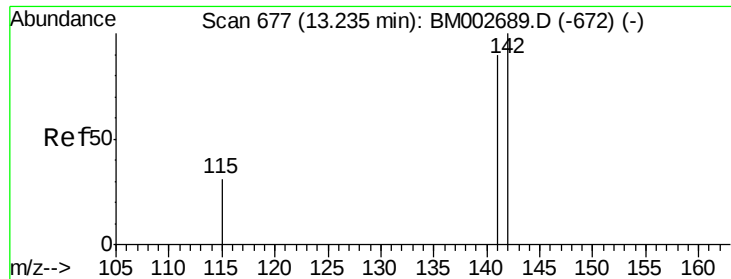


Abundance Ion 128.00 (127.70 to 128.70): BM002698.D (-538) (-)

Ion 129.00 (128.70 to 129.70): BM002698.D (-538) (-)

Ion 127.00 (126.70 to 127.70): BM002698.D (-538) (-)





#7

2-Methylnaphthalene

Concen: 0.36 ng/ul

RT: 13.23 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM002698.D

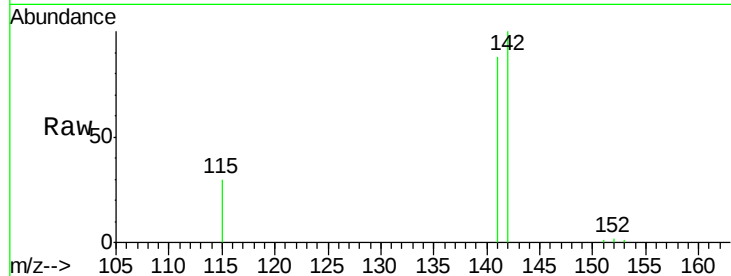
Acq: 12 Sep 2015 01:17

Tot Ion:142 Resp: 26476

Ion Ratio Lower Upper

142 100

141 89.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

13.23

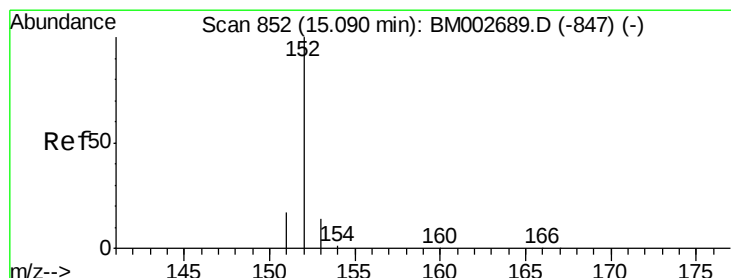
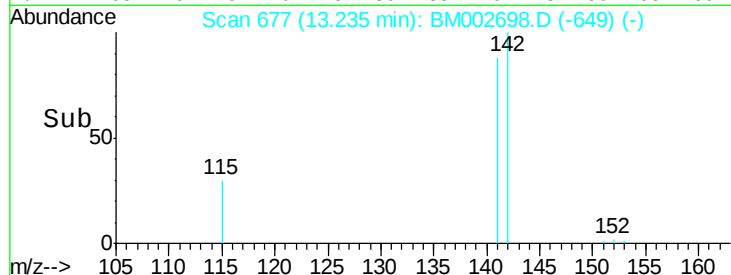
15000

10000

5000

0

Time--> 13.20 13.40



#9

Acenaphthylene

Concen: 0.36 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM002698.D

Acq: 12 Sep 2015 01:17

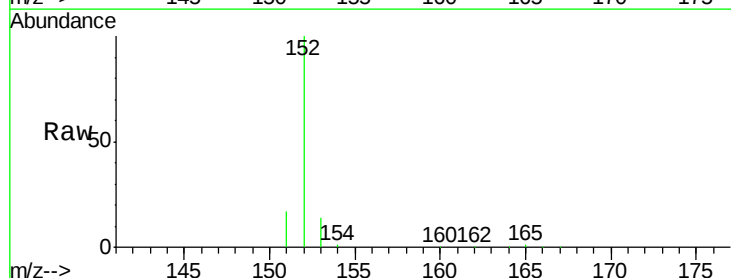
Tgt Ion:152 Resp: 33501

Ion Ratio Lower Upper

152 100

151 17.4 16.8 25.2

153 14.3 11.3 16.9



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

15.09

20000

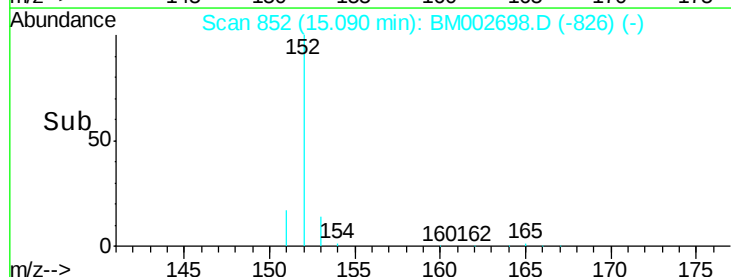
15000

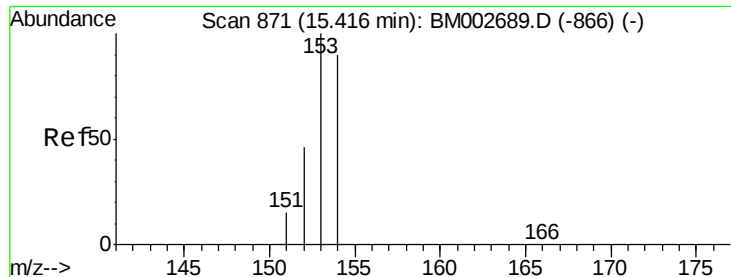
10000

5000

0

Time--> 15.00 15.20 15.40





#10

Acenaphthene

Concen: 0.37 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM002698.D

Acq: 12 Sep 2015 01:17

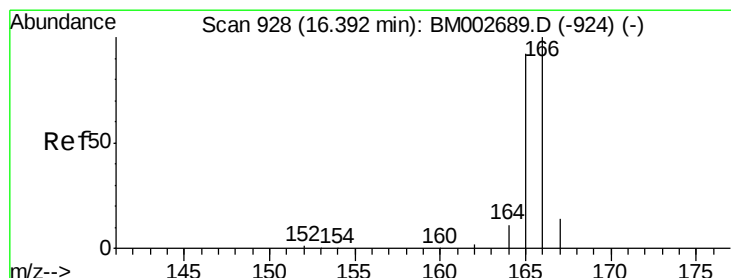
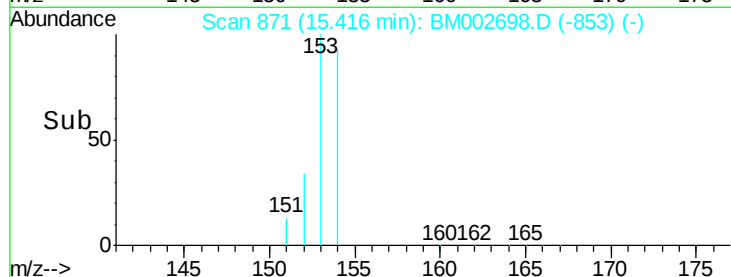
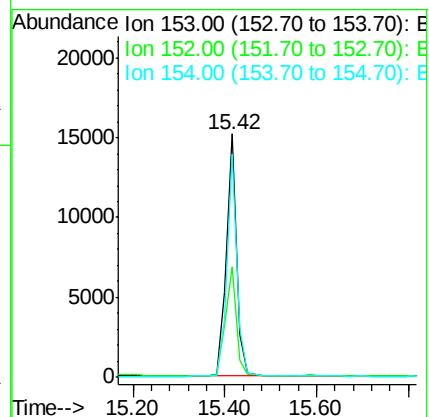
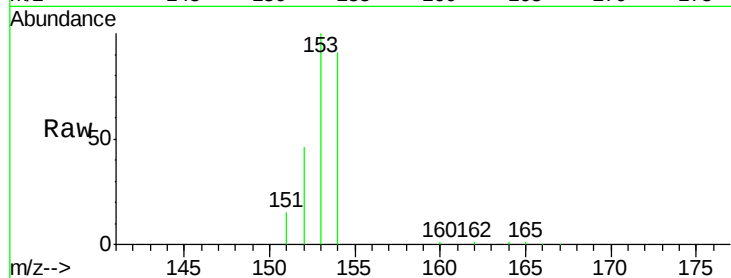
Tot Ion:153 Resp: 24369

Ion Ratio Lower Upper

153 100

152 45.5 42.3 63.5

154 91.4 64.7 97.1



#11

Fluorene

Concen: 0.35 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM002698.D

Acq: 12 Sep 2015 01:17

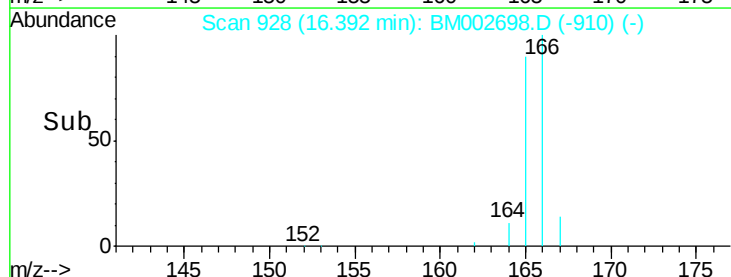
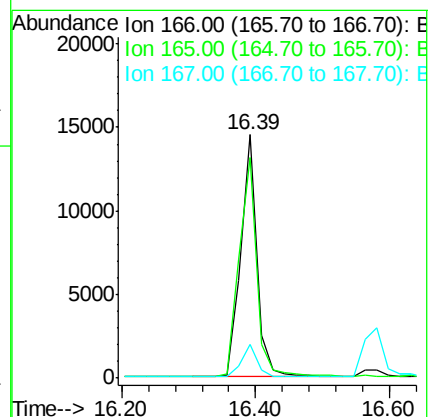
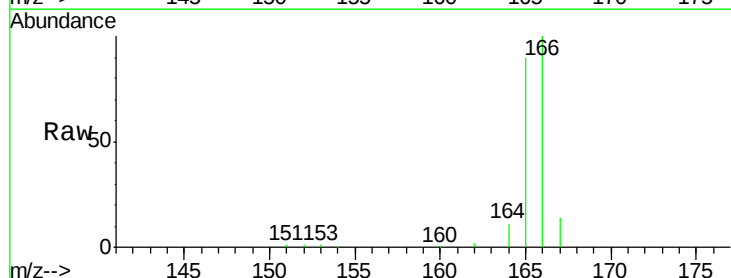
Tgt Ion:166 Resp: 24537

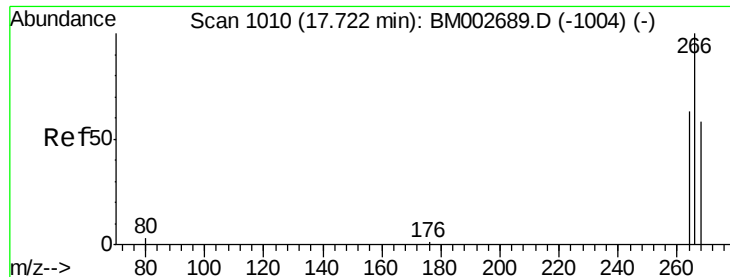
Ion Ratio Lower Upper

166 100

165 90.5 87.6 131.4

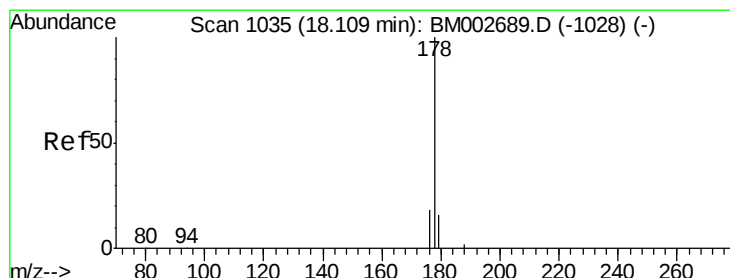
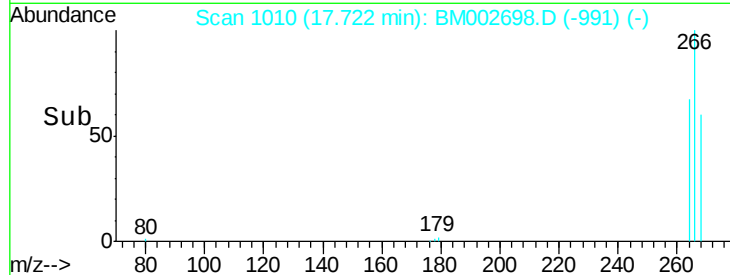
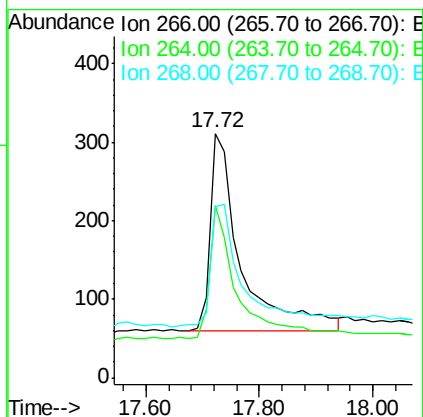
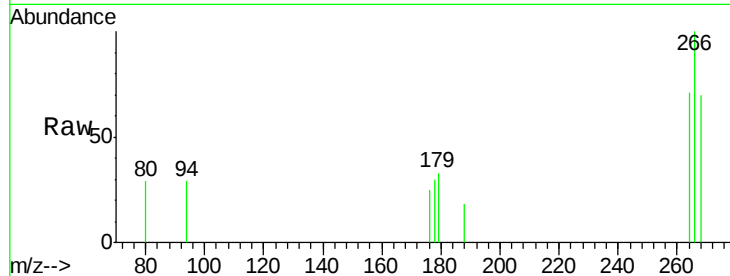
167 14.1 11.1 16.7





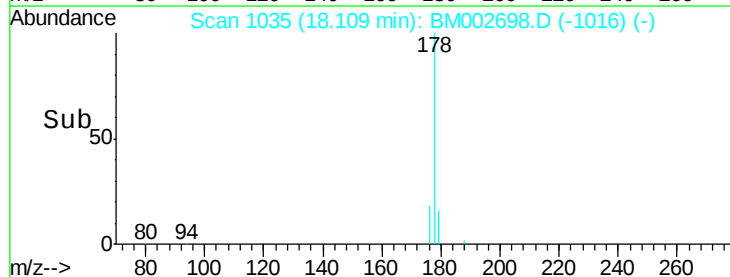
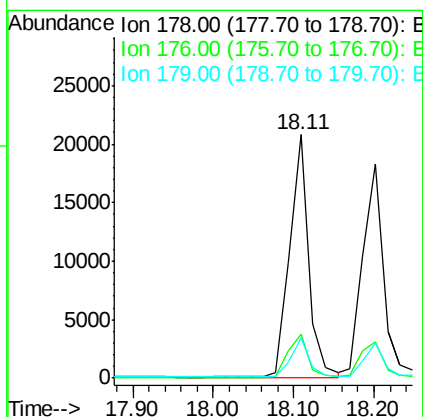
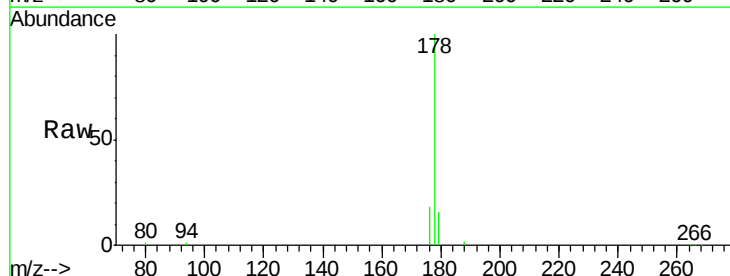
#13
 Pentachlorophenol
 Concen: 0.32 ng/ul
 RT: 17.72 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BM002698.D
 Acq: 12 Sep 2015 01:17

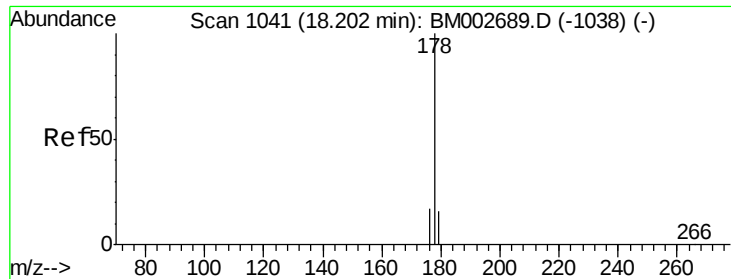
Tot Ion:266 Resp: 945
 Ion Ratio Lower Upper
 266 100
 264 62.5 53.5 80.3
 268 69.7 54.2 81.2



#14
 Phenanthrene
 Concen: 0.38 ng/ul
 RT: 18.11 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BM002698.D
 Acq: 12 Sep 2015 01:17

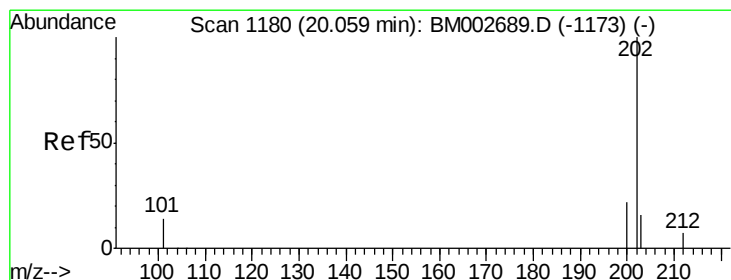
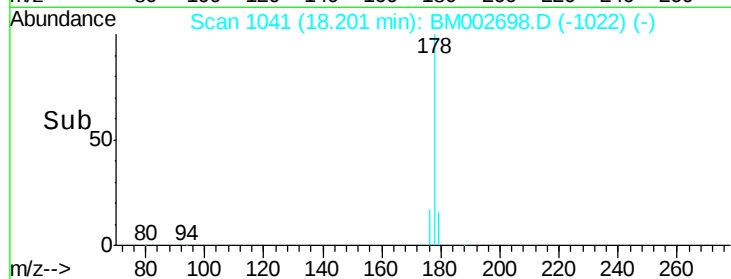
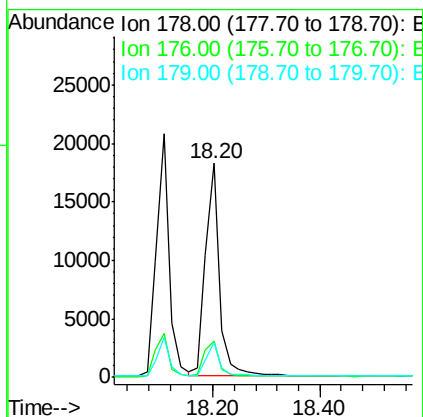
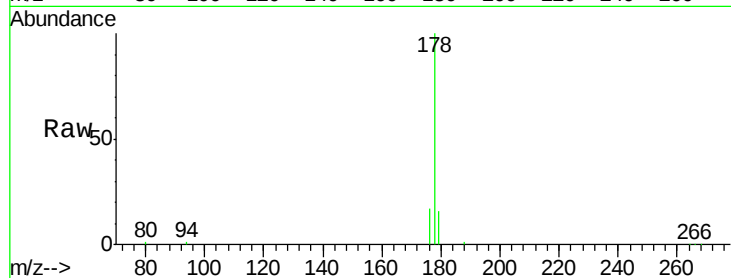
Tgt Ion:178 Resp: 34053
 Ion Ratio Lower Upper
 178 100
 176 17.8 16.2 24.4
 179 16.3 12.8 19.2





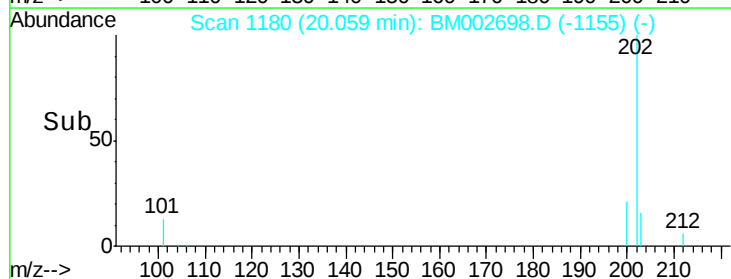
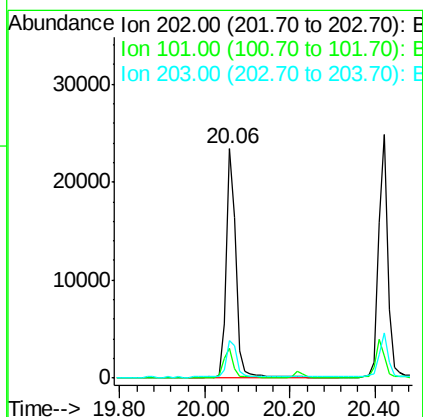
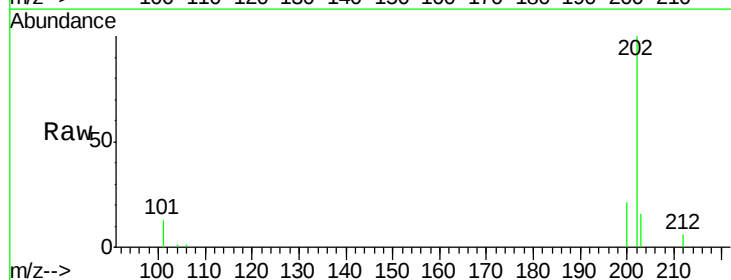
#15
 Anthracene
 Concen: 0.37 ng/ul
 RT: 18.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BM002698.D
 Acq: 12 Sep 2015 01:17

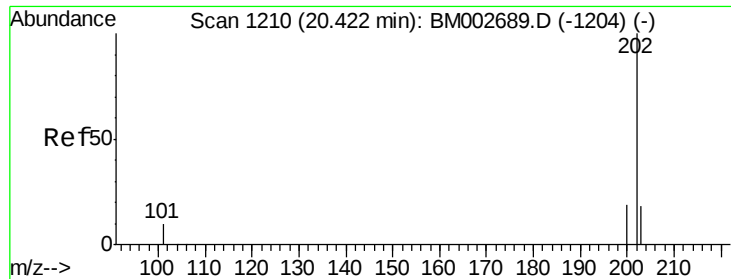
Tot Ion:178 Resp: 33195
 Ion Ratio Lower Upper
 178 100
 176 17.0 15.8 23.8
 179 16.2 13.3 19.9



#17
 Fluoranthene
 Concen: 0.39 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BM002698.D
 Acq: 12 Sep 2015 01:17

Tgt Ion:202 Resp: 36578
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 33.1
 203 16.4 0.0 37.2

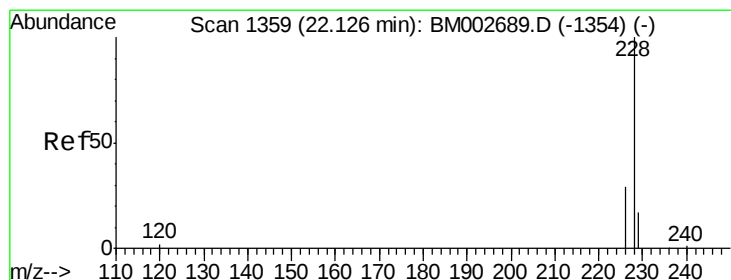
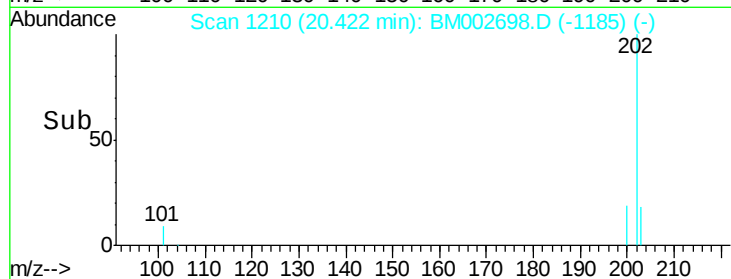
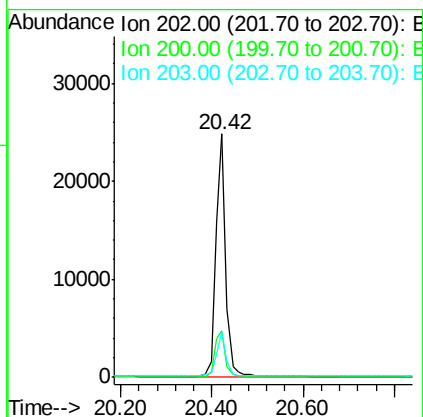
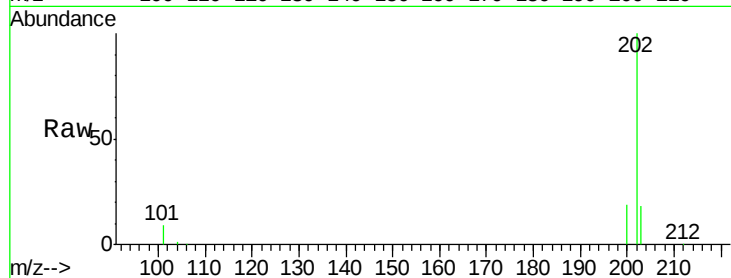




#19
Pvrene
Concen: 0.36 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM002698.D
Acq: 12 Sep 2015 01:17

Tot Ion:202 Resp: 37614

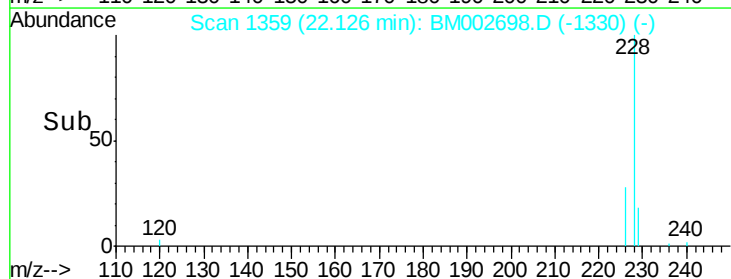
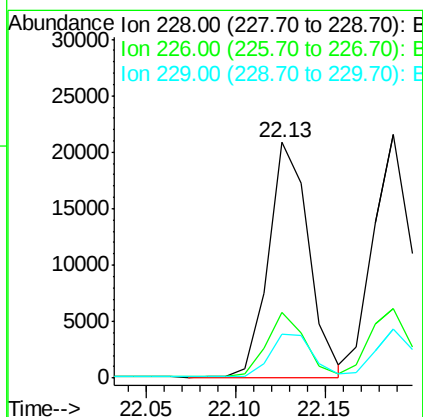
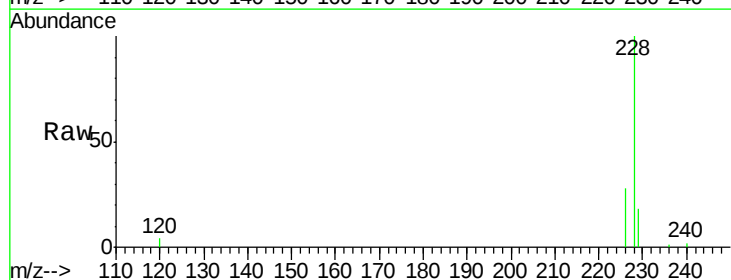
Ion	Ratio	Lower	Upper
202	100		
200	18.9	18.0	27.0
203	18.5	13.8	20.6

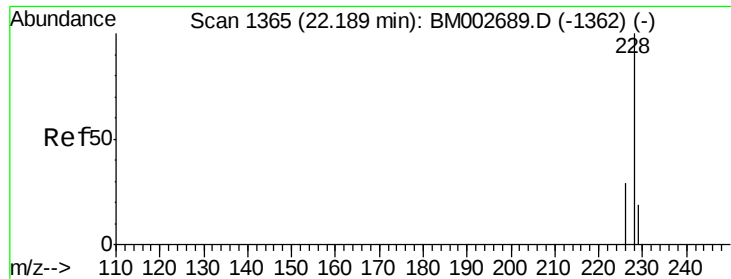


#20
Benzo(a)anthracene
Concen: 0.36 ng/ul
RT: 22.13 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM002698.D
Acq: 12 Sep 2015 01:17

Tgt Ion:228 Resp: 32467

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	18.5	15.2	22.8

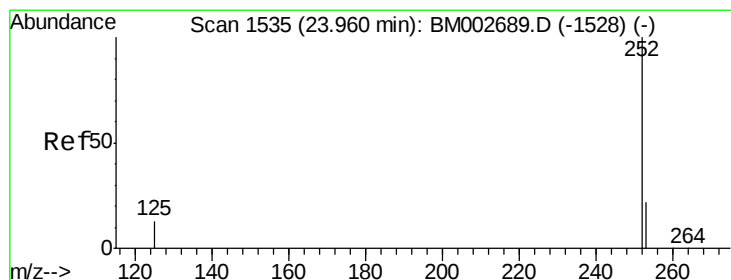
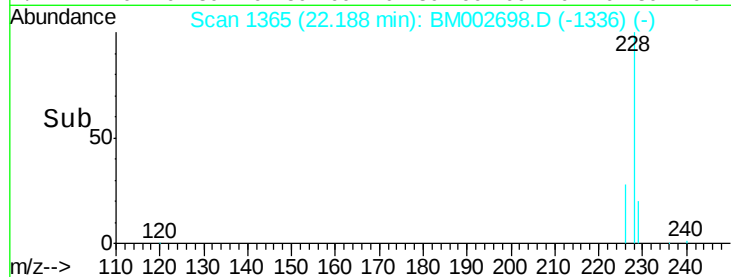
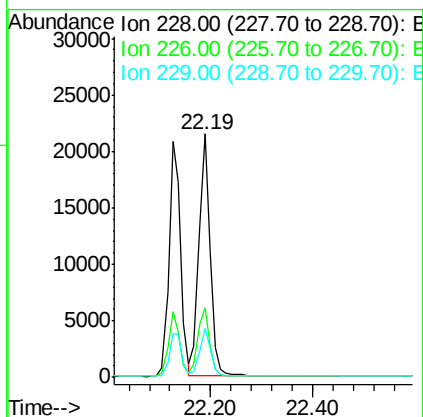
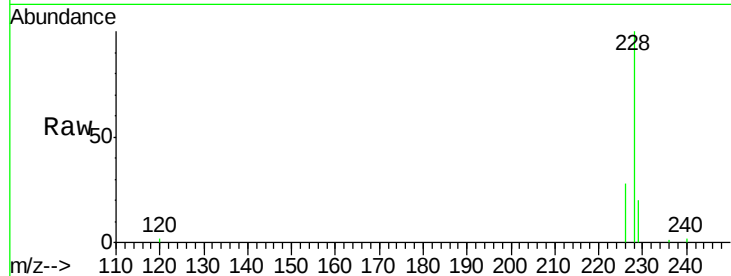




#21
Chrysene
Concen: 0.38 ng/uL
RT: 22.19 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BM002698.D
Acq: 12 Sep 2015 01:17

Tot Ion: 228 Resp: 33243

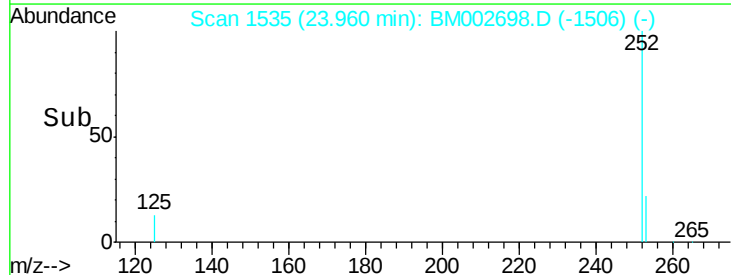
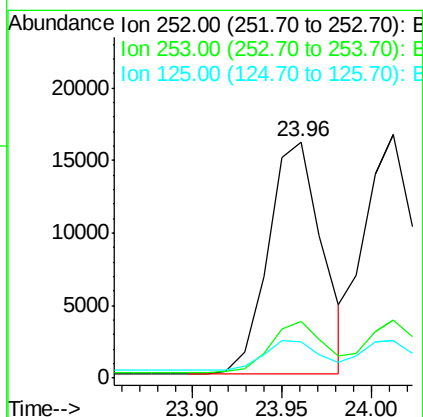
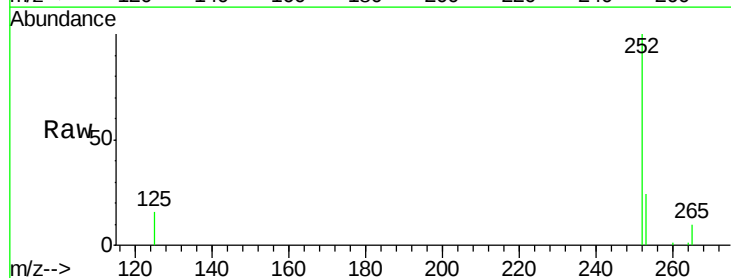
Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.7	38.5
229	20.1	15.2	22.8

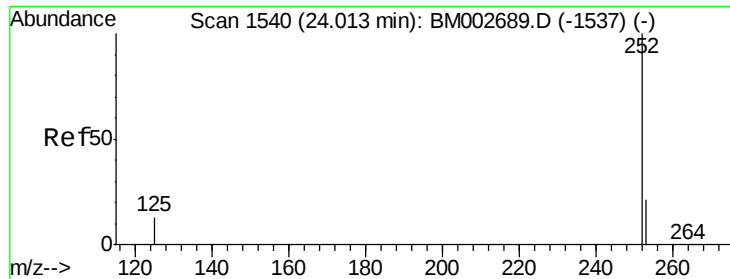


#23
Benzo(b)fluoranthene
Concen: 0.36 ng/uL
RT: 23.96 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM002698.D
Acq: 12 Sep 2015 01:17

Tgt Ion: 252 Resp: 33562

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	48.0
125	15.6	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.39 ng/ul

RT: 24.01 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BM002698.D

Acq: 12 Sep 2015 01:17

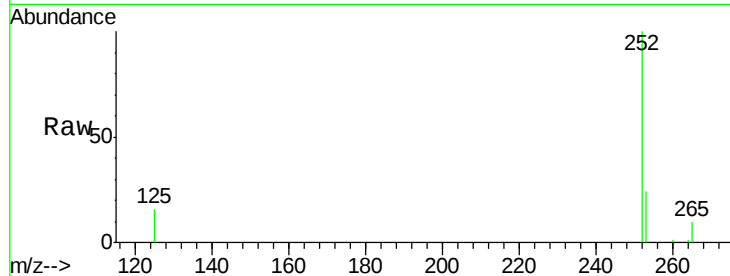
Tot Ion:252 Resp: 33448

Ion Ratio Lower Upper

252 100

253 23.7 20.8 31.2

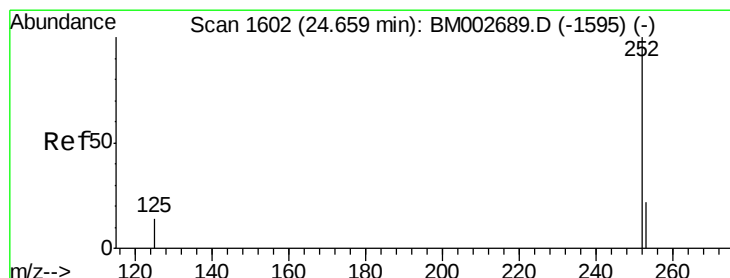
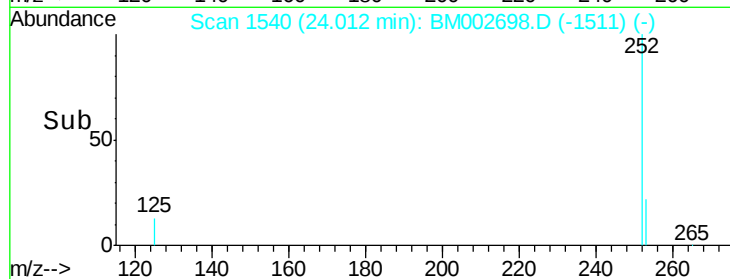
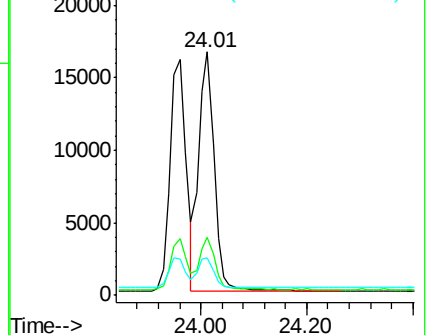
125 15.7 12.2 18.4



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



#25

Benzo(a)pyrene

Concen: 0.37 ng/ul

RT: 24.65 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BM002698.D

Acq: 12 Sep 2015 01:17

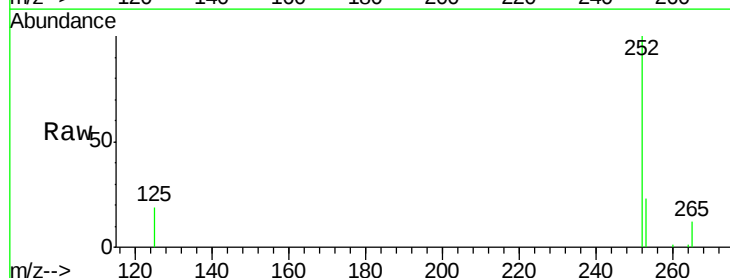
Tgt Ion:252 Resp: 31954

Ion Ratio Lower Upper

252 100

253 23.5 21.8 32.8

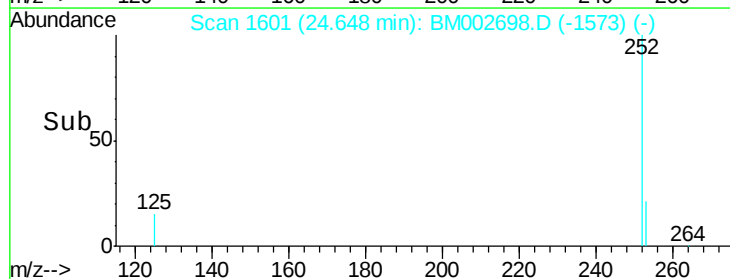
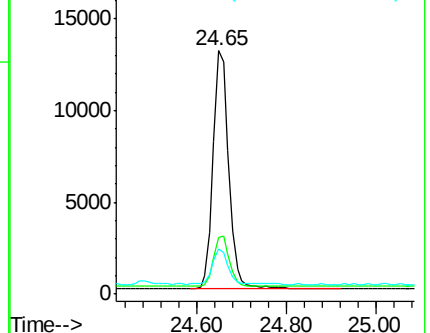
125 18.7 14.5 21.7

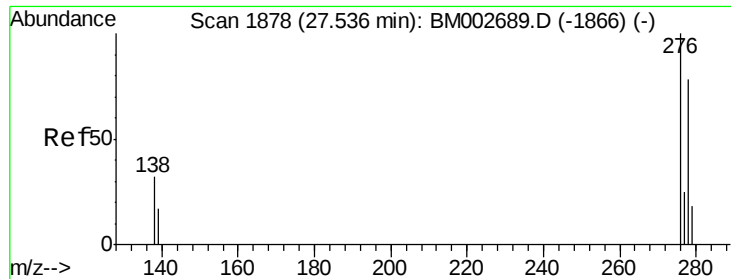


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

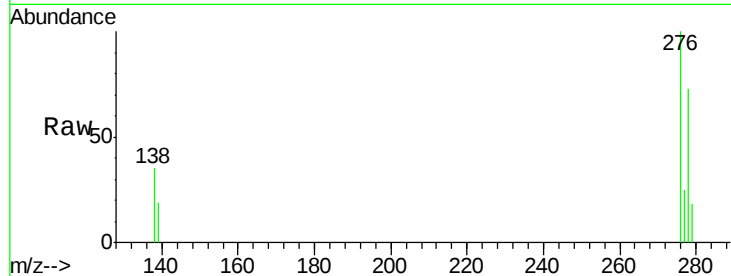
Ion 125.00 (124.70 to 125.70): E



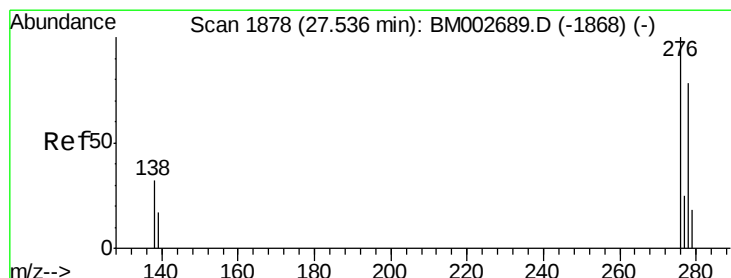
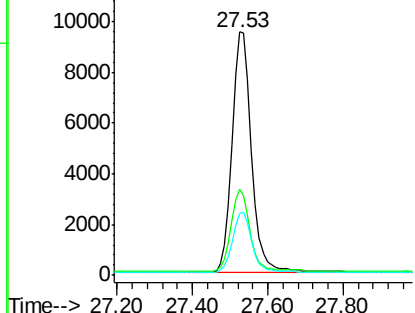
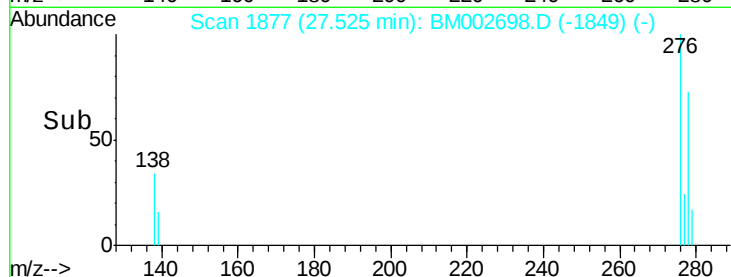


#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.34 ng/ul
 RT: 27.53 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: BM002698.D
 Acq: 12 Sep 2015 01:17

Tot Ion:276 Resp: 35012
 Ion Ratio Lower Upper
 276 100
 138 34.0 27.5 41.3
 277 24.6 19.3 28.9

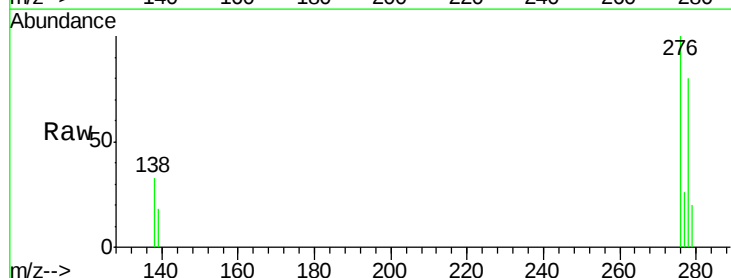


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

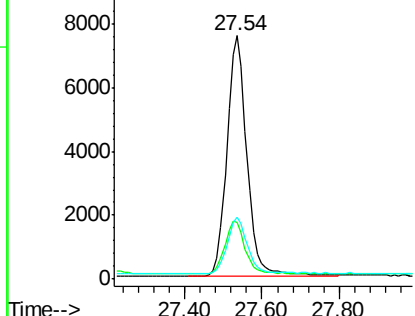
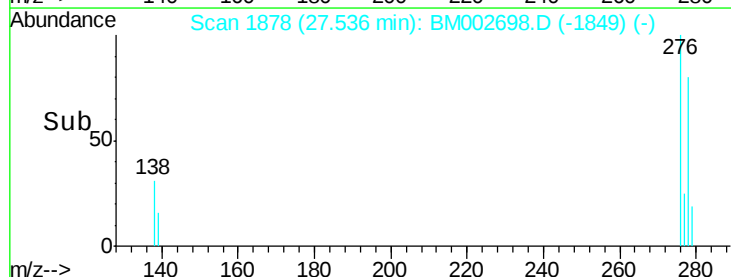


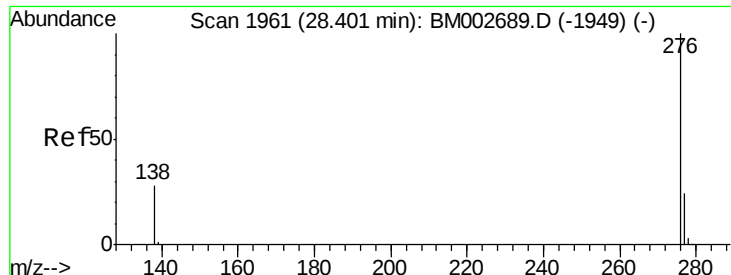
#27
 Dibenzo(a,h)anthracene
 Concen: 0.33 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BM002698.D
 Acq: 12 Sep 2015 01:17

Tgt Ion:278 Resp: 27139
 Ion Ratio Lower Upper
 278 100
 139 23.2 21.7 32.5
 279 25.4 21.9 32.9



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(a,h,i)perylene

Concen: 0.36 ng/ul

RT: 28.39 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM002698.D

Acq: 12 Sep 2015 01:17

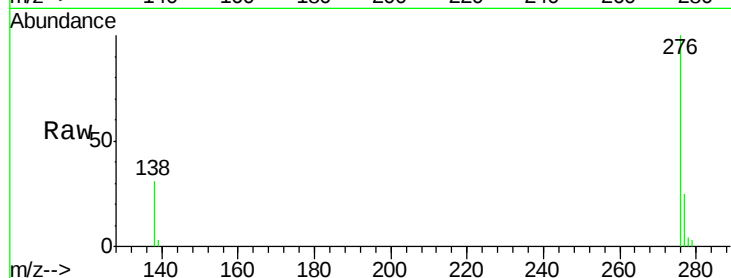
Tot Ion: 276 Resp: 31115

Ion Ratio Lower Upper

276 100

277 24.8 21.3 31.9

138 30.7 25.5 38.3



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

