

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002690.D
 Acq On : 11 Sep 2015 20:26
 Operator : UM/IZ
 Sample : MDL-BLK-S
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

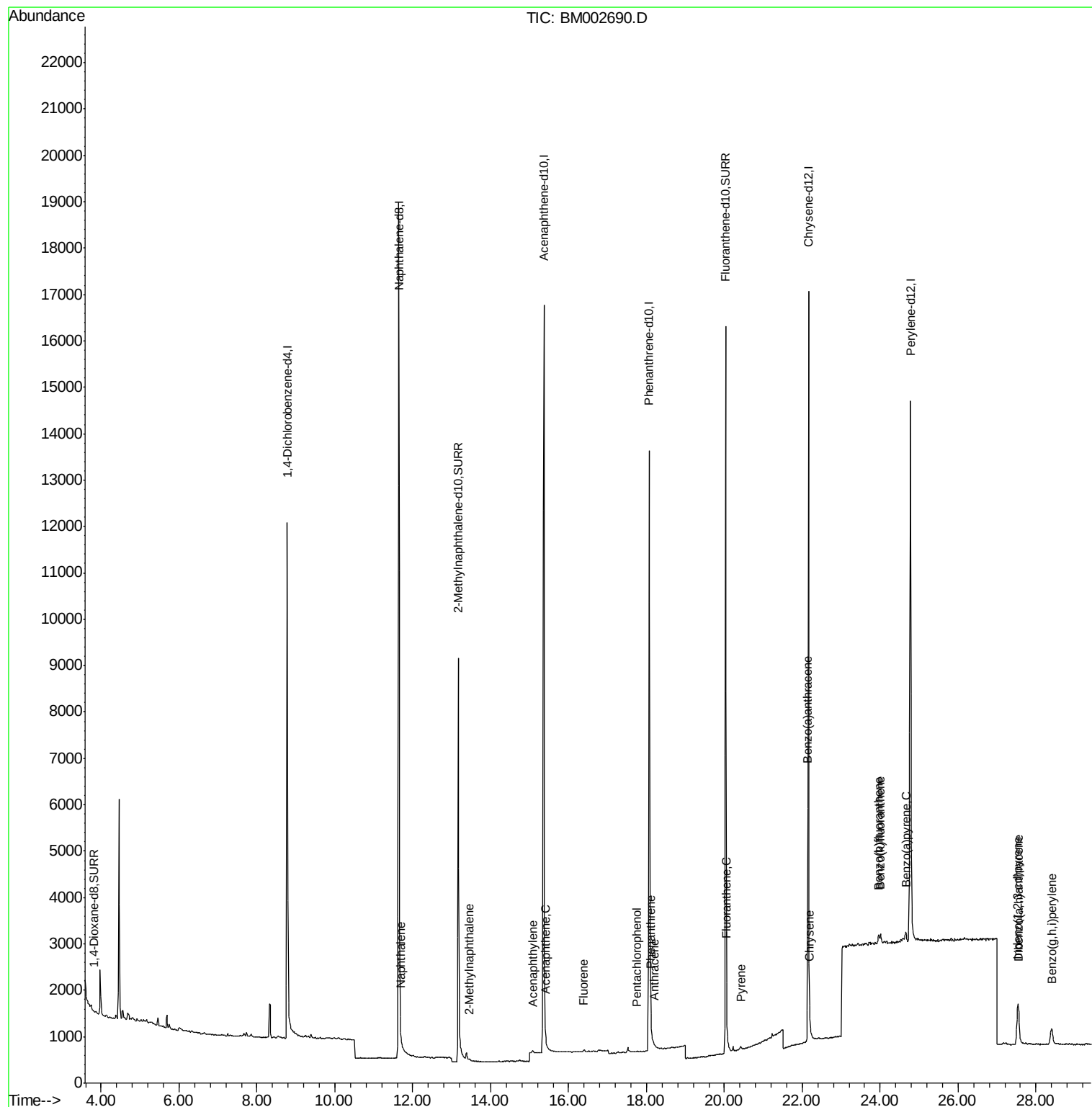
Quant Time: Sep 12 01:58:03 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 12 01:57:16 2015
 Response via : Initial Calibration

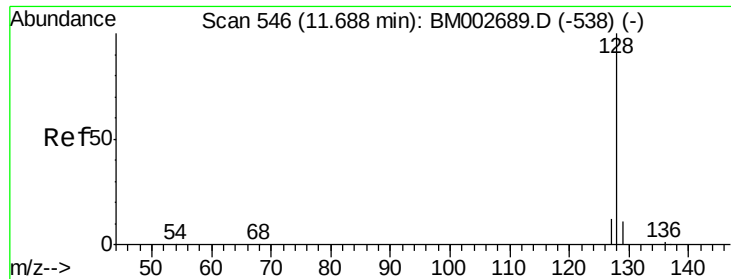
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8169	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	30300	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	12242	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	22014	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	20518	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	19992	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.82	96	14	0.00	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.17	152	13673	0.34	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	19379	0.39	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	54	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.45	142	2158	0.04	ng/ul#	5
9) Acenaphthylene	15.09	152	99	0.00	ng/ul#	1
10) Acenaphthene	15.42	153	16	0.00	ng/ul#	64
11) Fluorene	16.39	166	86	0.00	ng/ul#	58
13) Pentachlorophenol	17.75	266	34	0.02	ng/ul#	58
14) Phenanthrene	18.11	178	136	0.00	ng/ul#	1
15) Anthracene	18.20	178	78	0.00	ng/ul#	1
17) Fluoranthene	20.06	202	96	0.00	ng/ul#	1
19) Pyrene	20.42	202	108	0.00	ng/ul#	1
20) Benzo(a)anthracene	22.14	228	297	0.00	ng/ul#	19
21) Chrysene	22.19	228	243	0.00	ng/ul#	22
23) Benzo(b)fluoranthene	23.96	252	325	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	24.01	252	280	0.00	ng/ul#	1
25) Benzo(a)pyrene	24.66	252	407	0.01	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.54	276	1245	0.02	ng/ul	93
27) Dibenzo(a,h)anthracene	27.55	278	1252	0.02	ng/ul#	31
28) Benzo(a,h,i)perylene	28.40	276	975	0.01	ng/ul#	34

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

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Quant Time: Sep 12 01:58:03 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
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QLast Update : Sat Sep 12 01:57:16 2015
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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002690.D

Acq: 11 Sep 2015 20:26

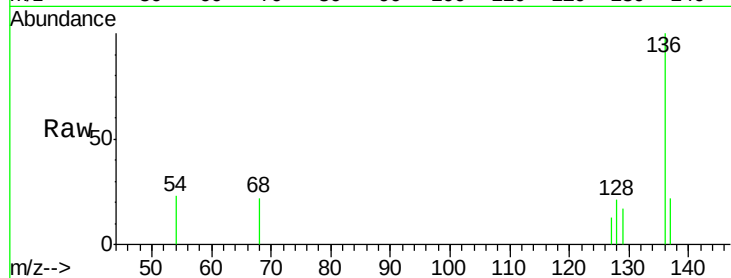
Tot Ion:128 Resp: 54

Ion Ratio Lower Upper

128 100

129 80.2 9.8 14.8#

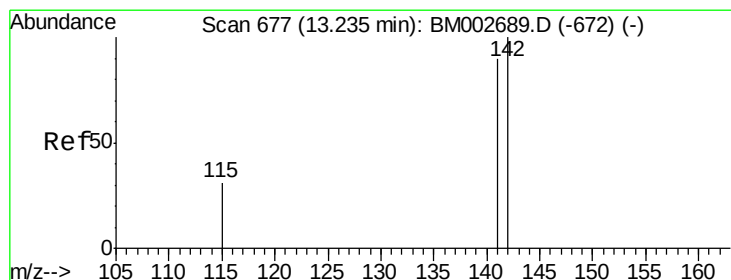
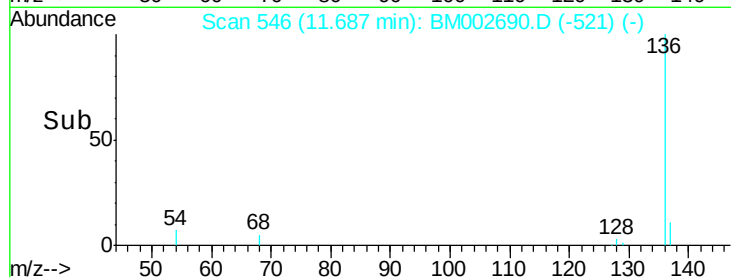
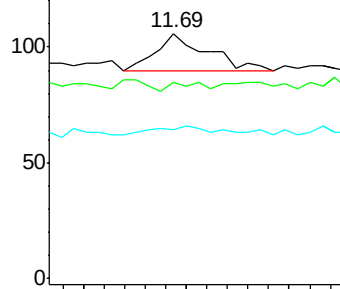
127 60.4 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.04 ng/ul

RT: 13.45 min Scan# 698

Delta R.T. 0.22 min

Lab File: BM002690.D

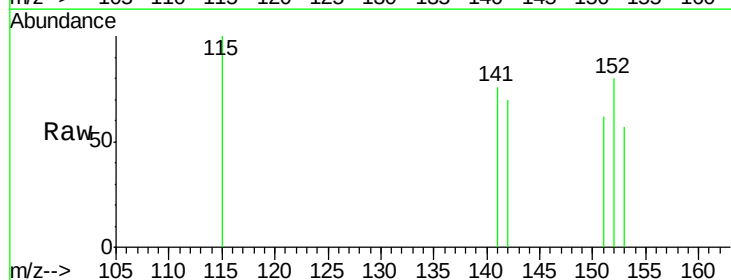
Acq: 11 Sep 2015 20:26

Tgt Ion:142 Resp: 2158

Ion Ratio Lower Upper

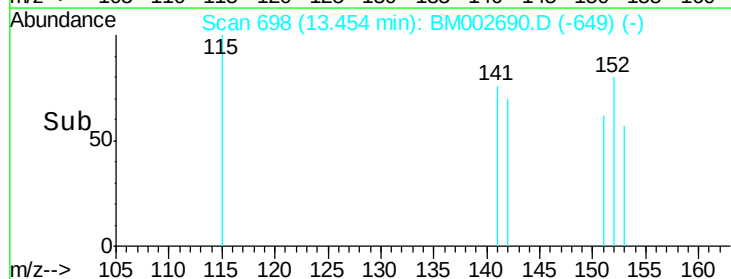
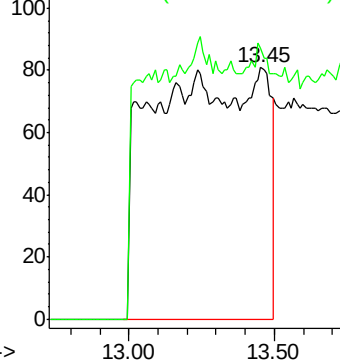
142 100

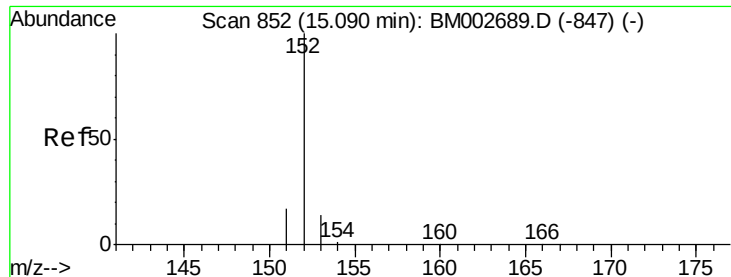
141 0.0 70.3 105.5#



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: 15.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM002690.D

Acq: 11 Sep 2015 20:26

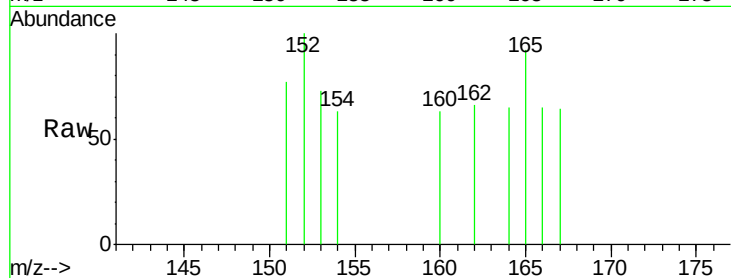
Tot Ion:152 Resp: 99

Ion Ratio Lower Upper

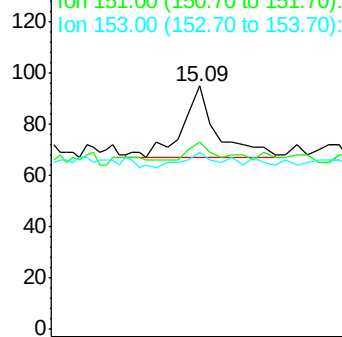
152 100

151 76.8 16.8 25.2#

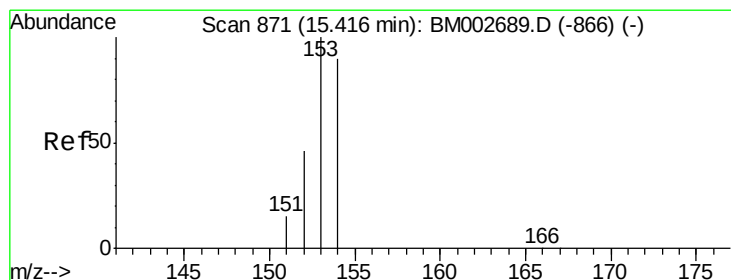
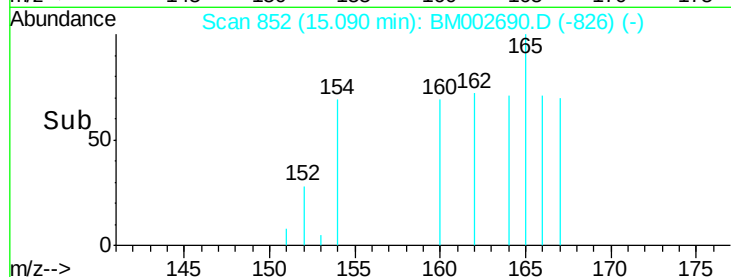
153 72.6 11.3 16.9#



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



Time-->



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM002690.D

Acq: 11 Sep 2015 20:26

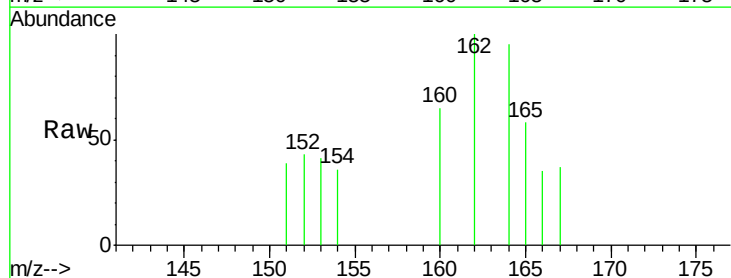
Tgt Ion:153 Resp: 16

Ion Ratio Lower Upper

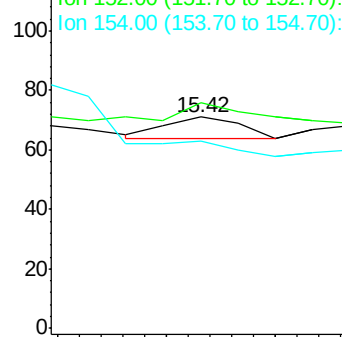
153 100

152 107.0 42.3 63.5#

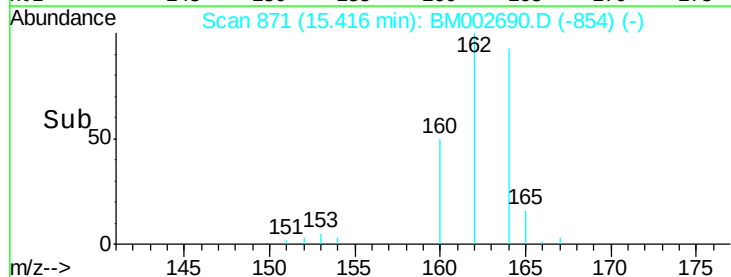
154 88.7 64.7 97.1

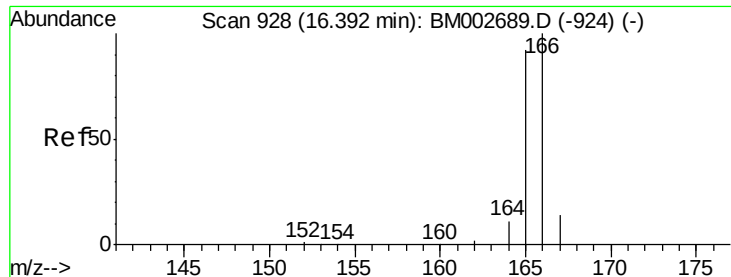


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#11

Fluorene

Concen: 0.00 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM002690.D

Acq: 11 Sep 2015 20:26

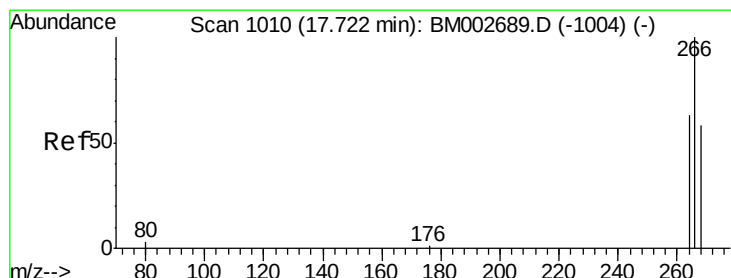
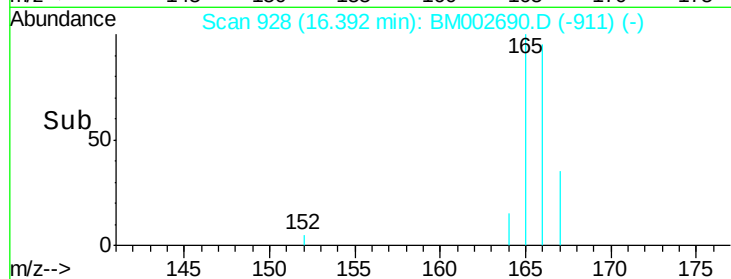
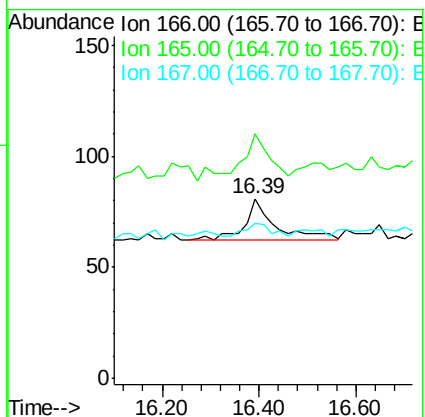
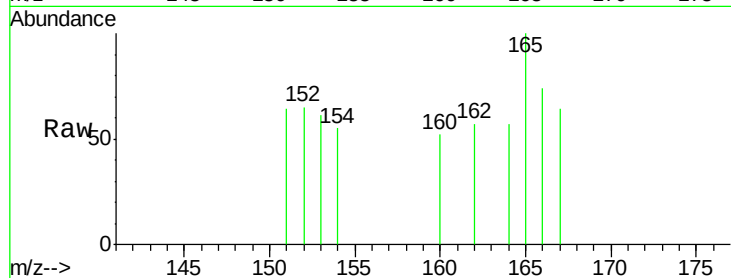
Tot Ion:166 Resp: 86

Ion Ratio Lower Upper

166 100

165 135.8 87.6 131.4#

167 86.4 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.02 ng/ul

RT: 17.75 min Scan# 1012

Delta R.T. 0.03 min

Lab File: BM002690.D

Acq: 11 Sep 2015 20:26

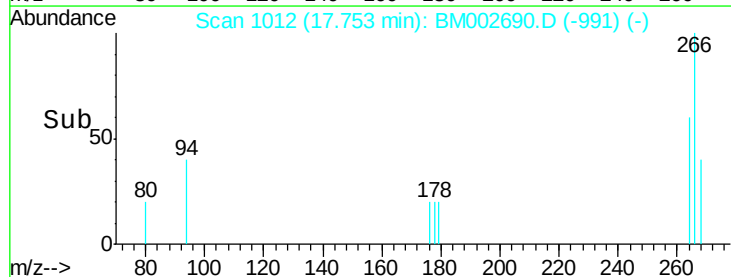
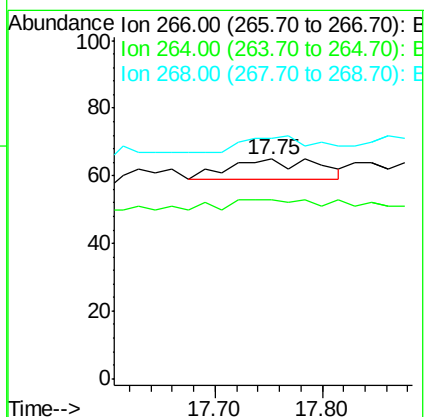
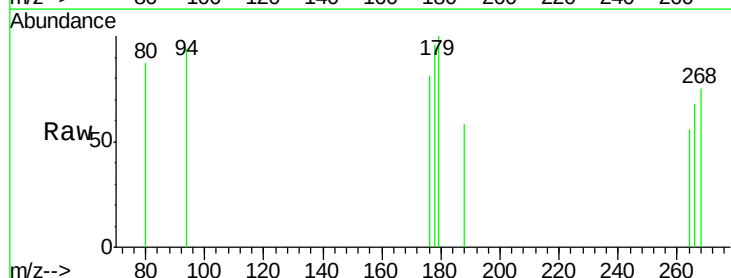
Tgt Ion:266 Resp: 34

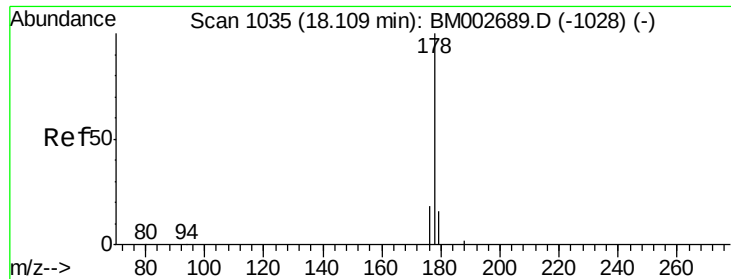
Ion Ratio Lower Upper

266 100

264 0.0 53.5 80.3#

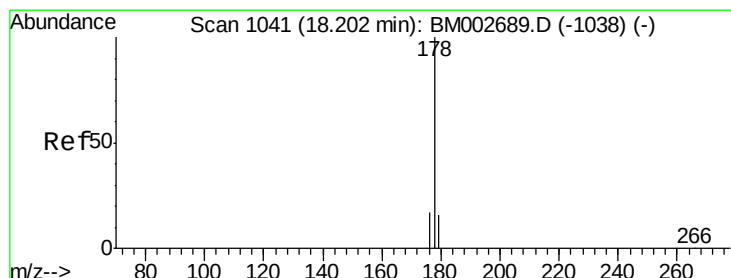
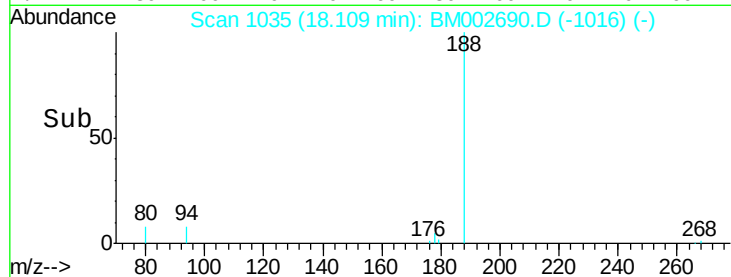
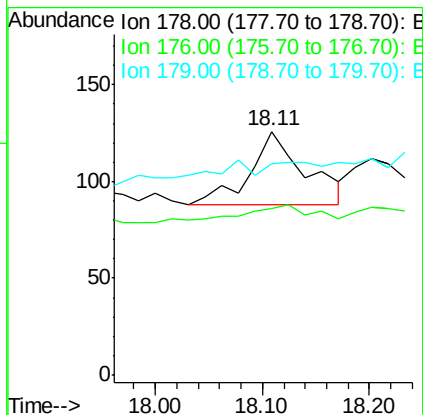
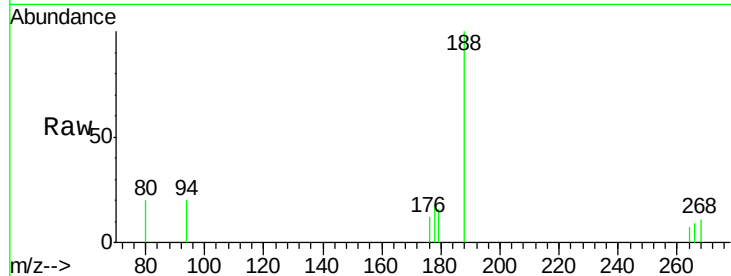
268 67.6 54.2 81.2





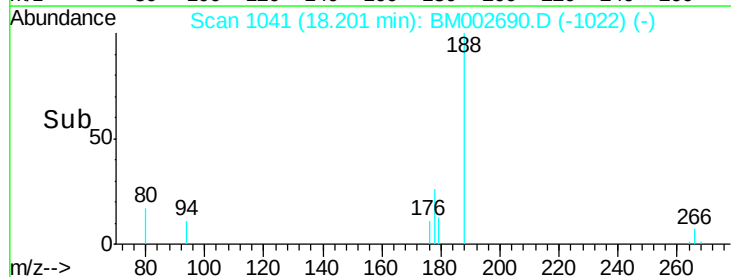
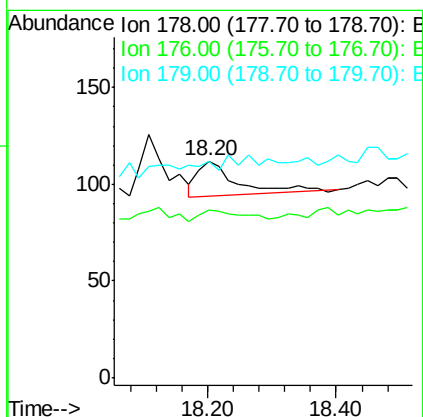
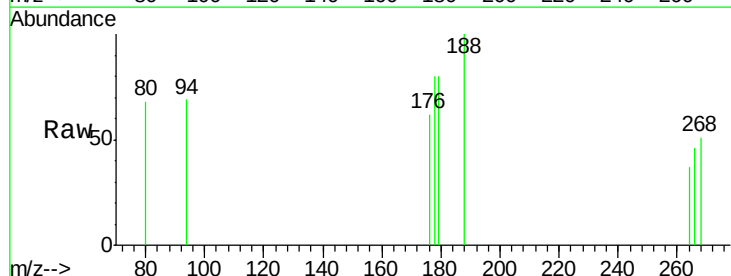
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002690.D
Acq: 11 Sep 2015 20:26

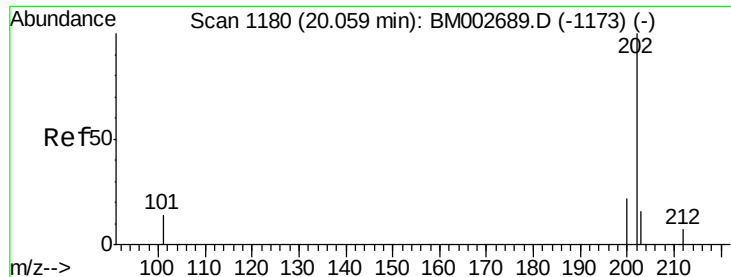
Tot Ion:178 Resp: 136
Ion Ratio Lower Upper
178 100
176 68.3 16.2 24.4#
179 86.5 12.8 19.2#



#15
Anthracene
Concen: 0.00 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002690.D
Acq: 11 Sep 2015 20:26

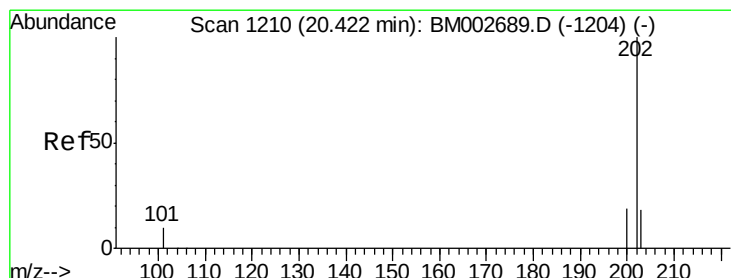
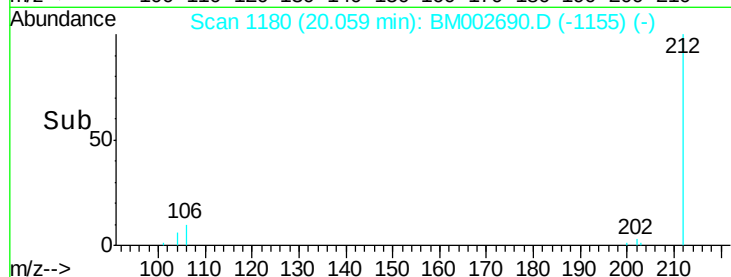
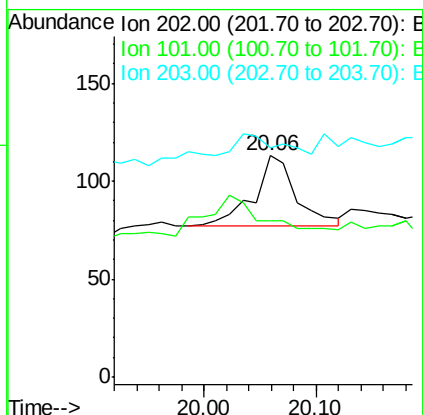
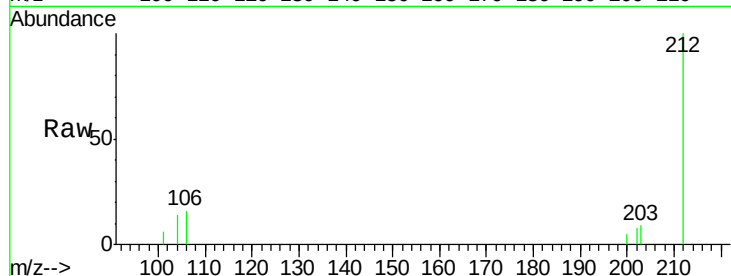
Tgt Ion:178 Resp: 78
Ion Ratio Lower Upper
178 100
176 77.7 15.8 23.8#
179 100.0 13.3 19.9#





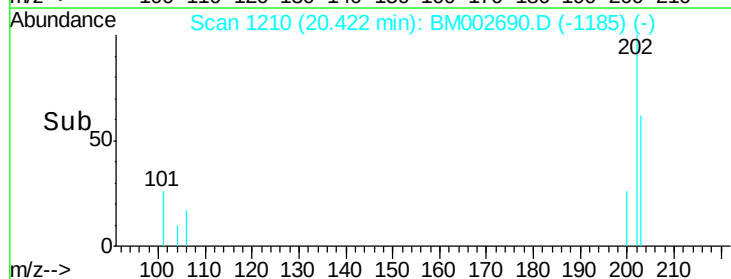
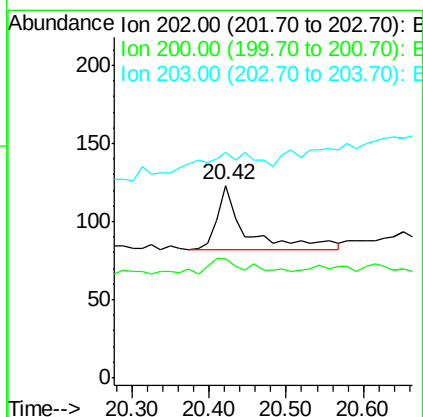
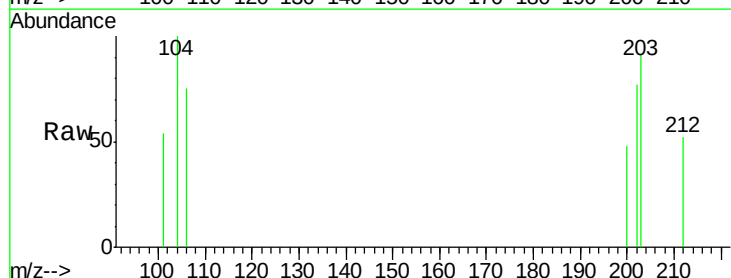
#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BM002690.D
 Acq: 11 Sep 2015 20:26

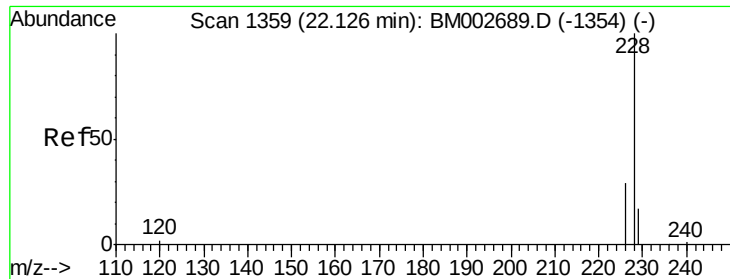
Tot Ion	Ratio	Lower	Upper
202	100		
101	70.8	0.0	33.1#
203	103.5	0.0	37.2#



#19
Pyrene
 Concen: 0.00 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BM002690.D
 Acq: 11 Sep 2015 20:26

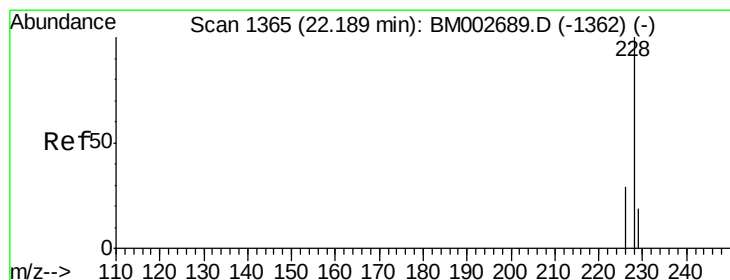
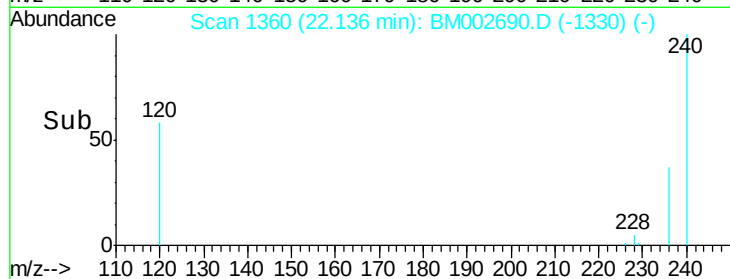
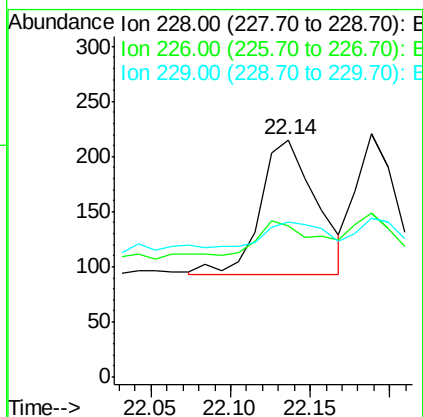
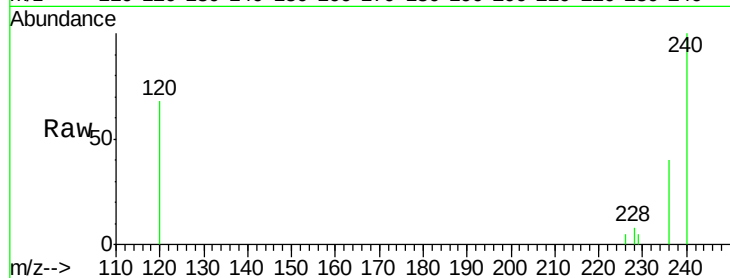
Tgt Ion	Ratio	Lower	Upper
202	100		
200	61.8	18.0	27.0#
203	117.1	13.8	20.6#





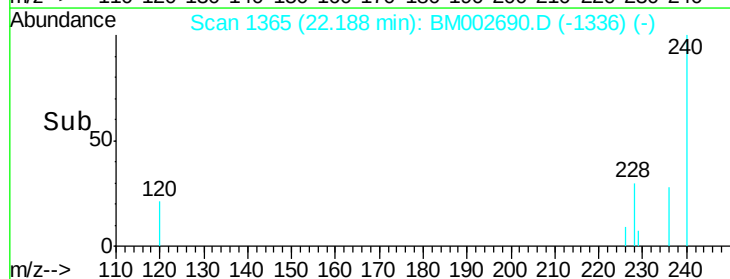
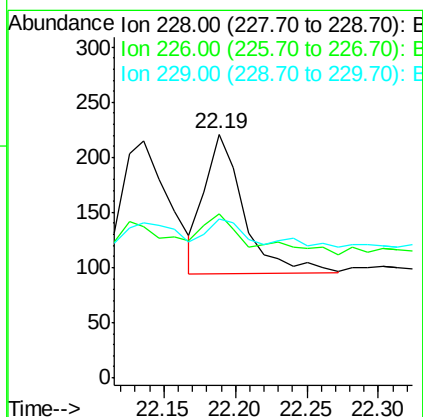
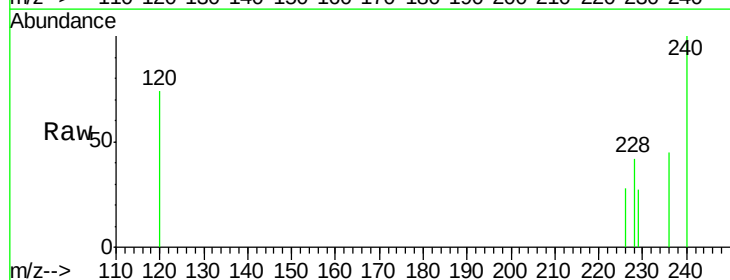
#20
Benzo(a)anthracene
Concen: 0.00 ng/ul
RT: 22.14 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BM002690.D
Acq: 11 Sep 2015 20:26

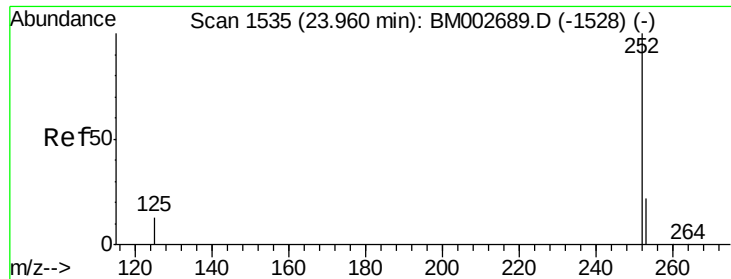
Tot Ion:228 Resp: 297
Ion Ratio Lower Upper
228 100
226 63.7 23.0 34.4#
229 65.6 15.2 22.8#



#21
Chrysene
Concen: 0.00 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BM002690.D
Acq: 11 Sep 2015 20:26

Tgt Ion:228 Resp: 243
Ion Ratio Lower Upper
228 100
226 67.4 25.7 38.5#
229 65.2 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM002690.D

Acq: 11 Sep 2015 20:26

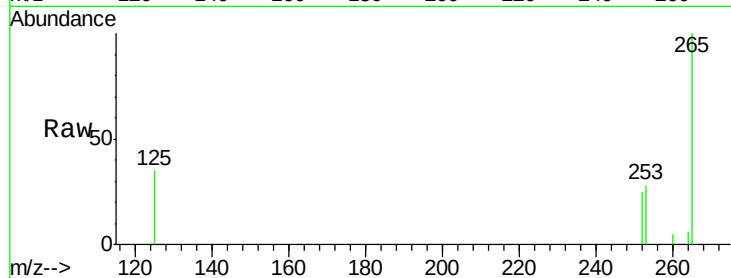
Tot Ion:252 Resp: 325

Ion Ratio Lower Upper

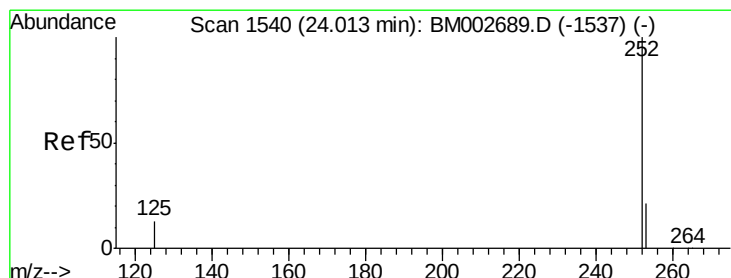
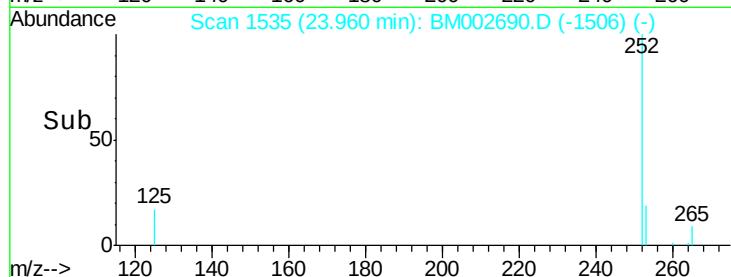
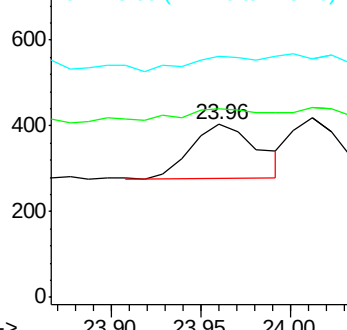
252 100

253 109.4 0.0 48.0#

125 139.2 0.0 36.6#



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



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 24.01 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BM002690.D

Acq: 11 Sep 2015 20:26

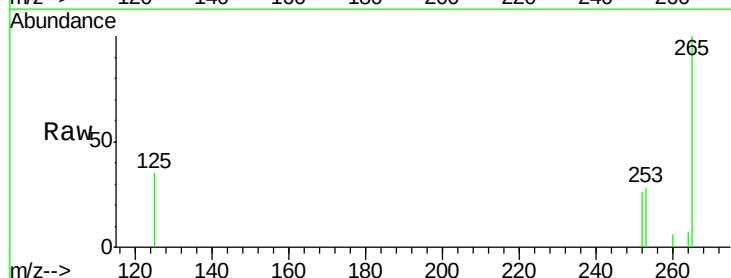
Tgt Ion:252 Resp: 280

Ion Ratio Lower Upper

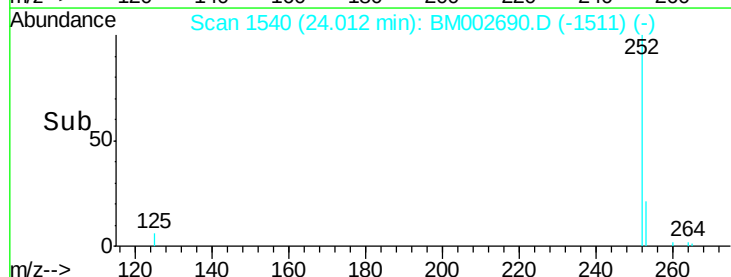
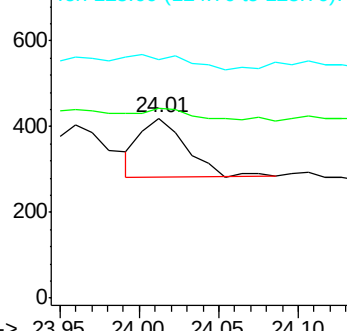
252 100

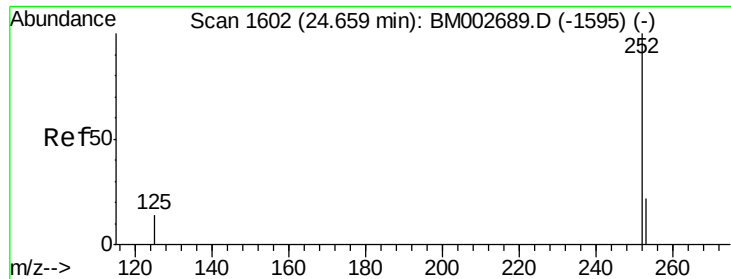
253 105.5 20.8 31.2#

125 132.1 12.2 18.4#



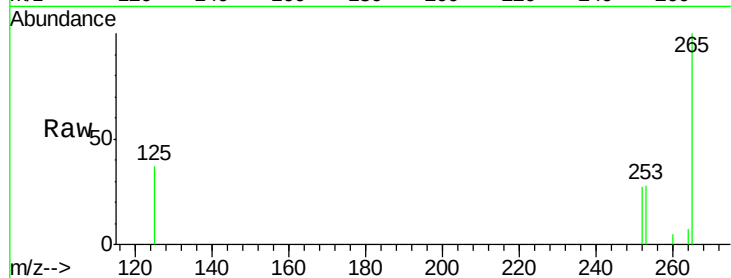
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



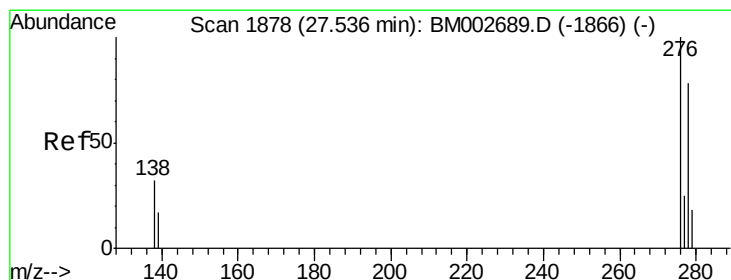
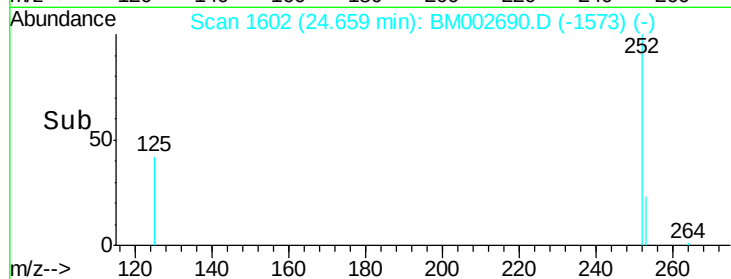
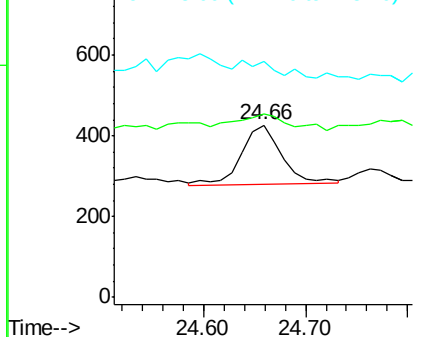


#25
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM002690.D
Acq: 11 Sep 2015 20:26

Tot Ion:252 Resp: 407
Ion Ratio Lower Upper
252 100
253 106.3 21.8 32.8#
125 137.0 14.5 21.7#

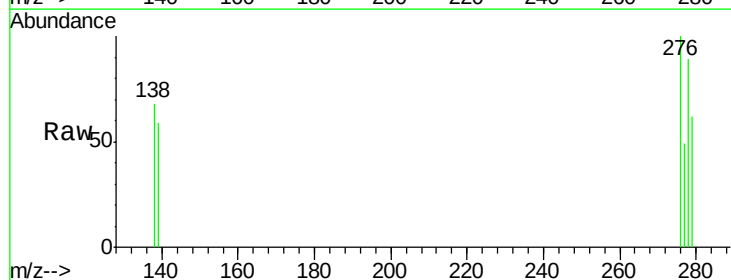


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

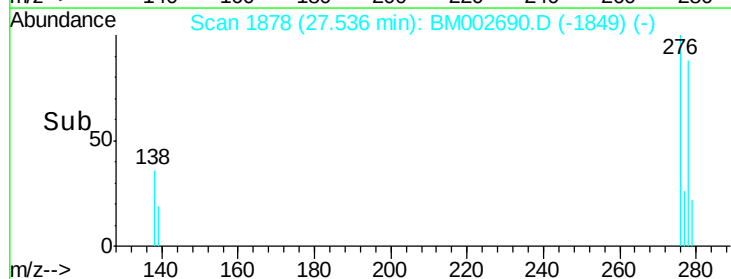
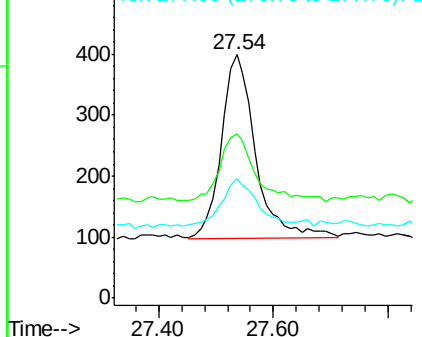


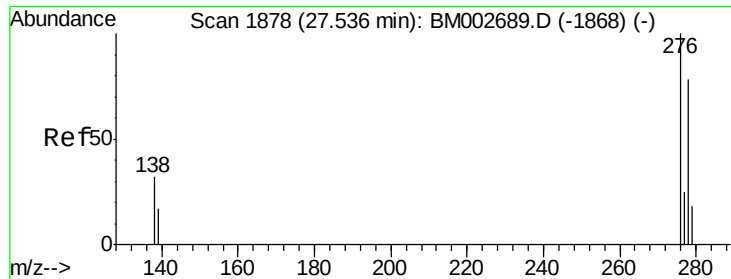
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002690.D
Acq: 11 Sep 2015 20:26

Tgt Ion:276 Resp: 1245
Ion Ratio Lower Upper
276 100
138 38.3 27.5 41.3
277 27.7 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

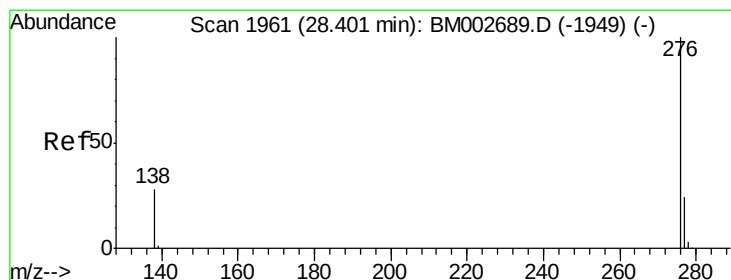
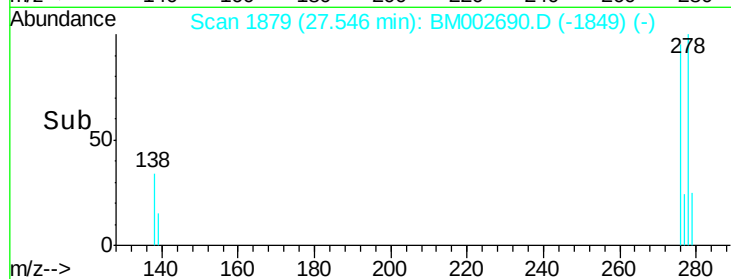
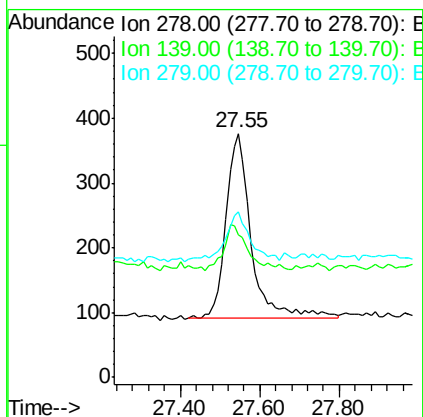
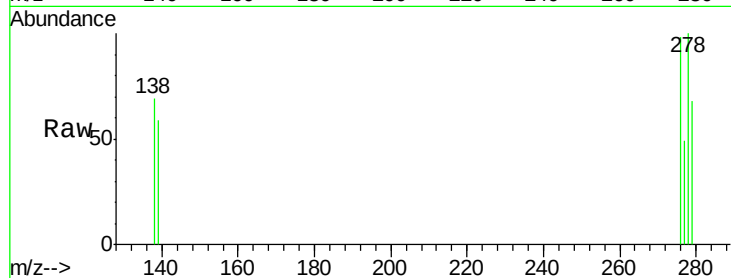




#27
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 27.55 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BM002690.D
Acq: 11 Sep 2015 20:26

Tot Ion:278 Resp: 1252

Ion	Ratio	Lower	Upper
278	100		
139	58.5	21.7	32.5#
279	67.8	21.9	32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM002690.D
Acq: 11 Sep 2015 20:26

Tgt Ion:276 Resp: 975

Ion	Ratio	Lower	Upper
276	100		
277	55.9	21.3	31.9#
138	73.2	25.5	38.3#

