

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002687.D
 Acq On : 11 Sep 2015 18:37
 Operator : UM/IZ
 Sample : MDL-06-W
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 12 01:36:03 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 01:33:03 2015

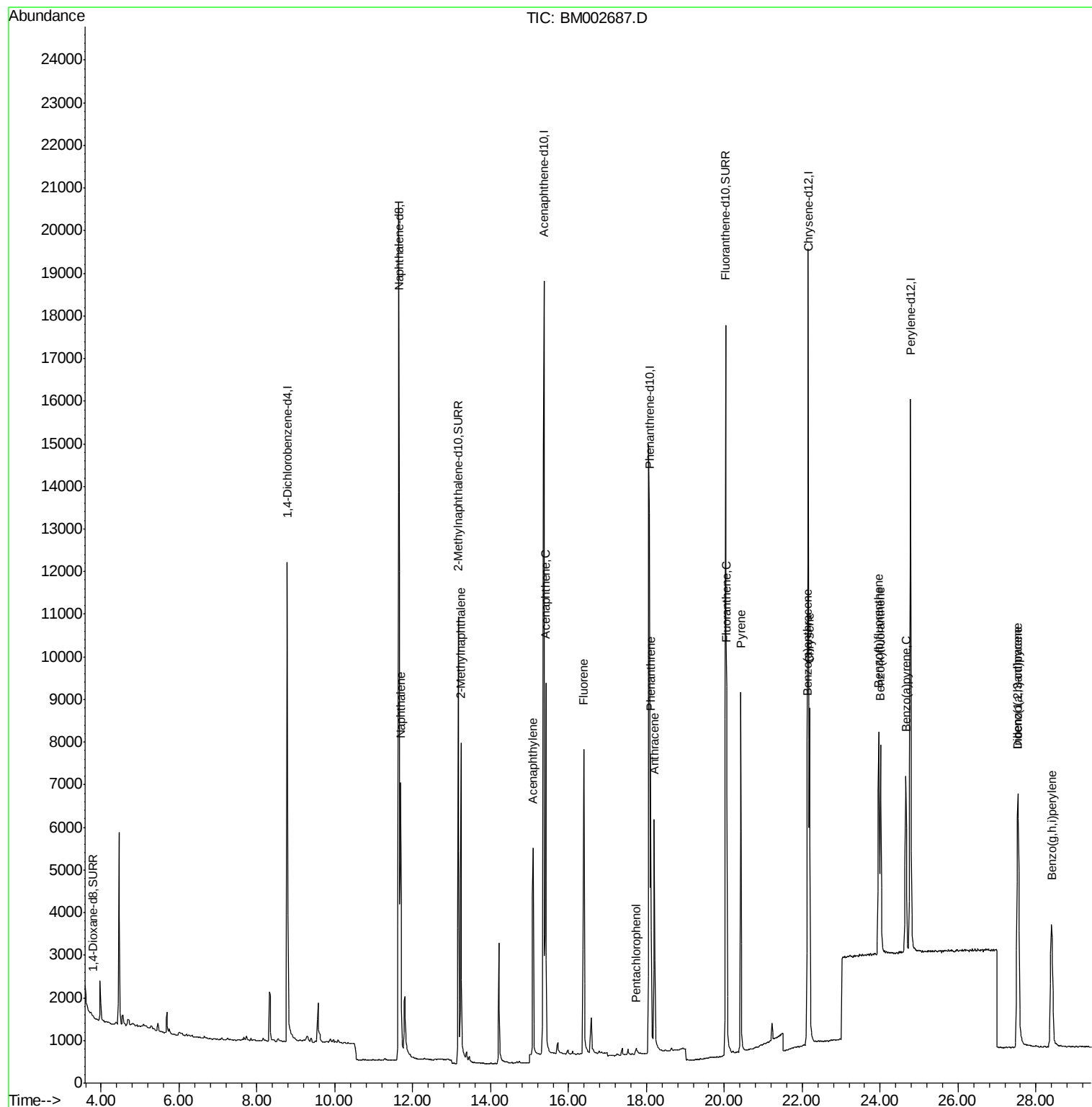
Response via : Initial Calibration

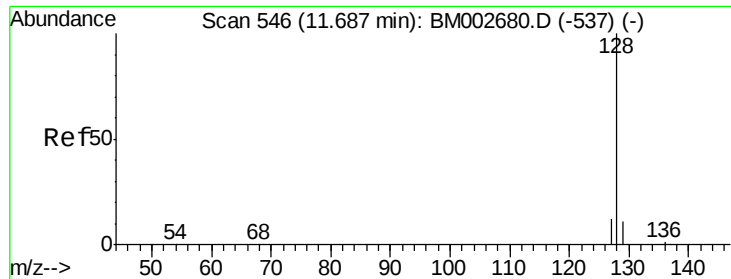
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8072	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	31843	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	13862	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	24902	0.40	ng/ul	0.01
18) Chrysene-d12	22.16	240	21676	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	21450	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.79	96	51	0.01	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	13.17	152	15767	0.37	ng/ul	0.00
16) Fluoranthene-d10	20.04	212	21084	0.37	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	9354	0.11	ng/ul	99
7) 2-Methylnaphthalene	13.23	142	6313	0.11	ng/ul	97
9) Acenaphthylene	15.09	152	7710	0.10	ng/ul	96
10) Acenaphthene	15.42	153	5434	0.11	ng/ul	93
11) Fluorene	16.39	166	5529	0.10	ng/ul	87
13) Pentachlorophenol	17.74	266	311	0.13	ng/ul	92
14) Phenanthrene	18.11	178	7936	0.11	ng/ul	99
15) Anthracene	18.20	178	7413	0.10	ng/ul	98
17) Fluoranthene	20.06	202	8292	0.11	ng/ul	96
19) Pyrene	20.42	202	8588	0.10	ng/ul	95
20) Benzo(a)anthracene	22.13	228	7404	0.10	ng/ul	97
21) Chrysene	22.19	228	7782	0.11	ng/ul	97
23) Benzo(b)fluoranthene	23.96	252	7661	0.10	ng/ul	86
24) Benzo(k)fluoranthene	24.01	252	7843	0.11	ng/ul#	85
25) Benzo(a)pyrene	24.66	252	7278	0.10	ng/ul#	84
26) Indeno(1,2,3-cd)pyrene	27.54	276	8438	0.10	ng/ul	97
27) Dibenzo(a,h)anthracene	27.54	278	6460	0.09	ng/ul	92
28) Benzo(a,h,i)perylene	28.40	276	7631	0.11	ng/ul	94

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

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Quant Time: Sep 12 01:36:03 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
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QLast Update : Sat Sep 12 01:33:03 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.11 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002687.D

Acq: 11 Sep 2015 18:37

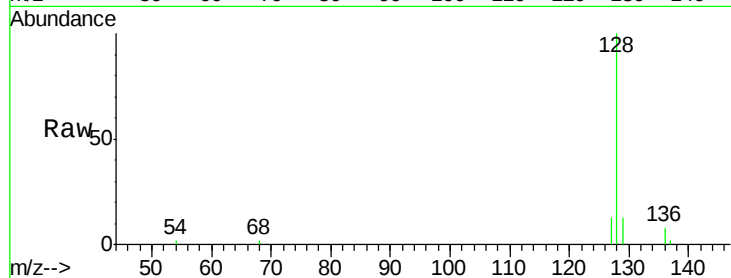
Tot Ion:128 Resp: 9354

Ion Ratio Lower Upper

128 100

129 12.8 9.8 14.8

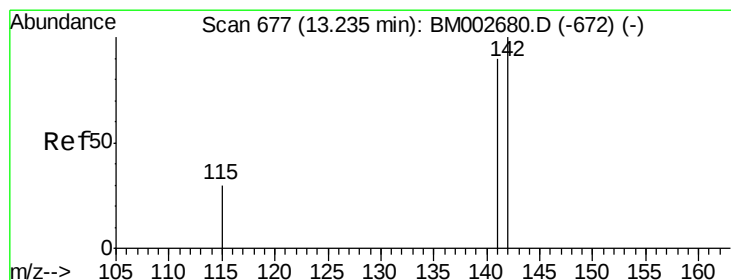
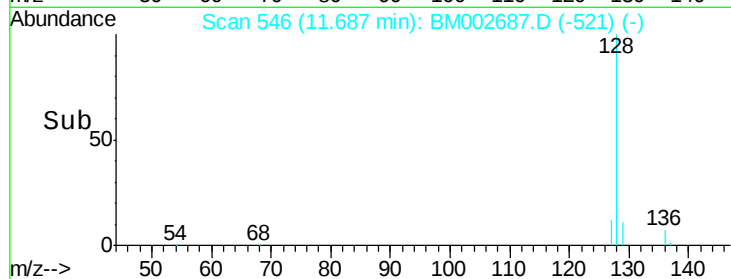
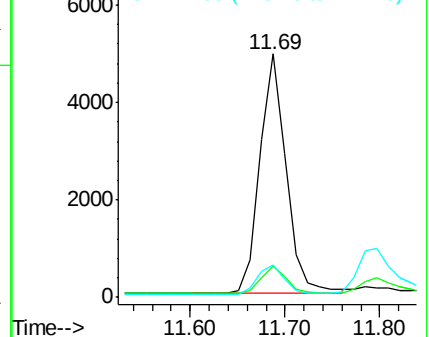
127 13.5 10.7 16.1



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: 0.11 ng/ul

RT: 13.23 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM002687.D

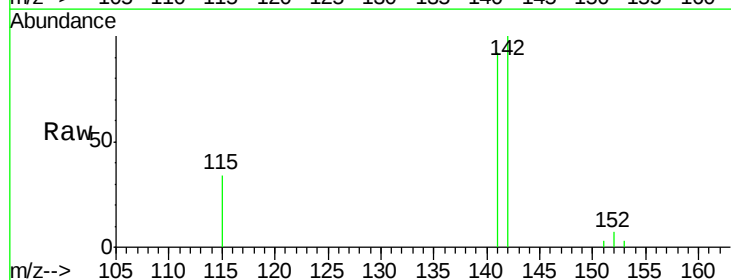
Acq: 11 Sep 2015 18:37

Tgt Ion:142 Resp: 6313

Ion Ratio Lower Upper

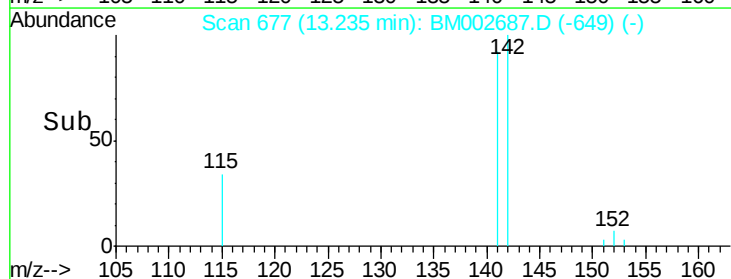
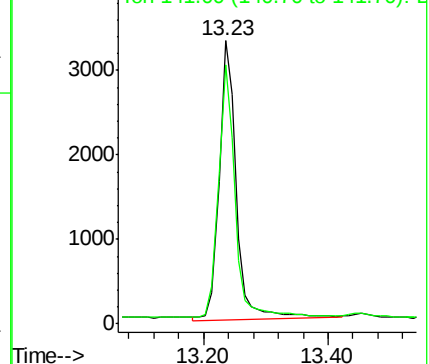
142 100

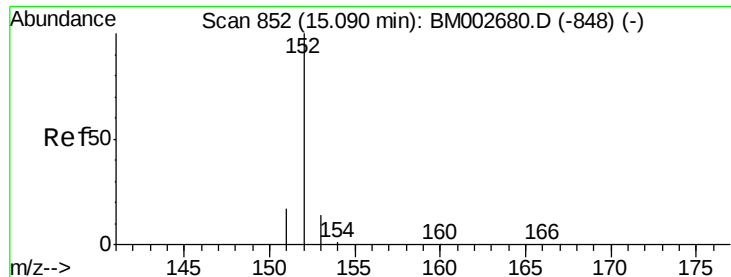
141 90.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.10 ng/ul

RT: 15.09 min Scan# 852

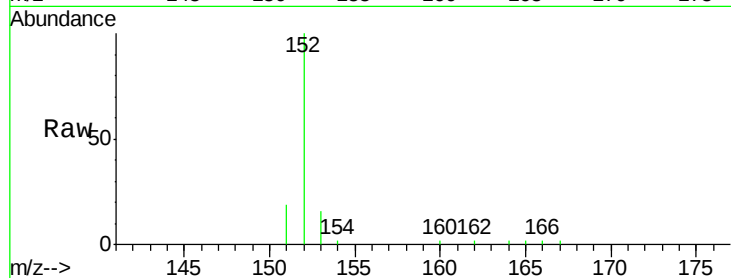
Delta R.T. -0.00 min

Lab File: BM002687.D

Acq: 11 Sep 2015 18:37

Tot Ion:152 Resp: 7710

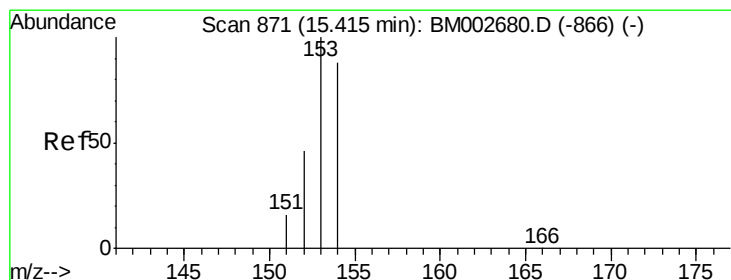
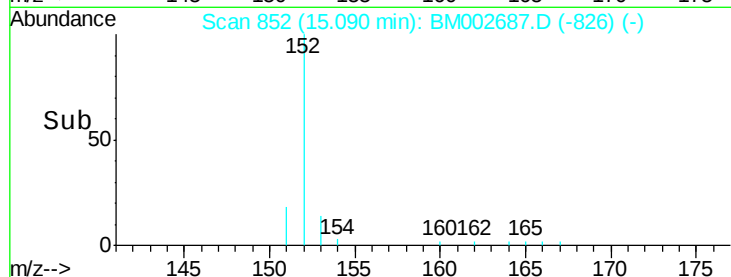
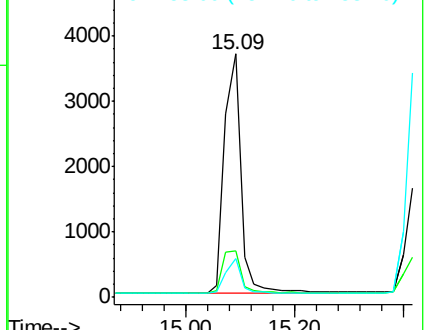
Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.8	25.2
153	15.7	11.3	16.9



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



#10

Acenaphthene

Concen: 0.11 ng/ul

RT: 15.42 min Scan# 871

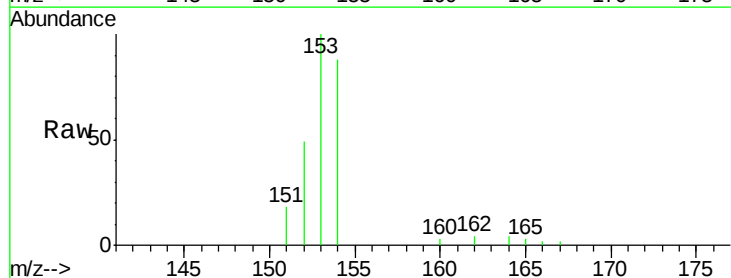
Delta R.T. -0.00 min

Lab File: BM002687.D

Acq: 11 Sep 2015 18:37

Tgt Ion:153 Resp: 5434

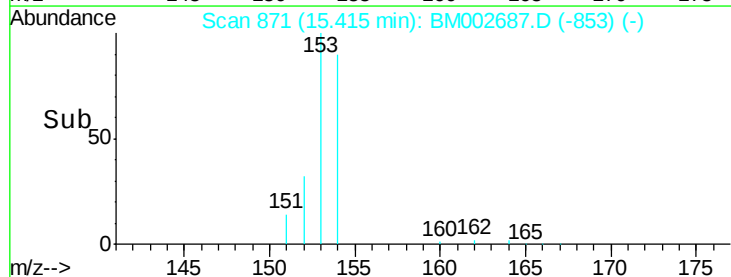
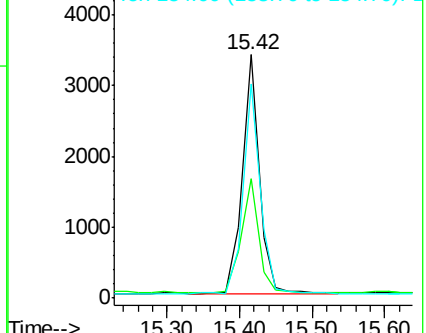
Ion	Ratio	Lower	Upper
153	100		
152	48.9	42.3	63.5
154	88.2	64.7	97.1

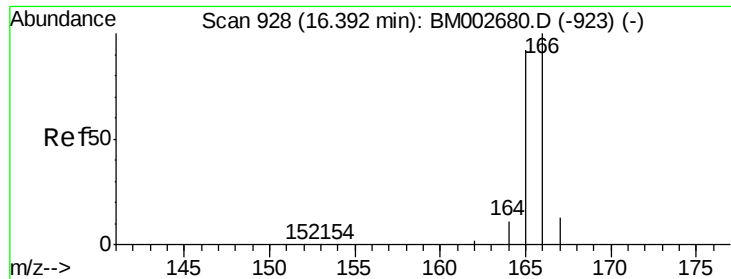


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.10 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM002687.D

Acq: 11 Sep 2015 18:37

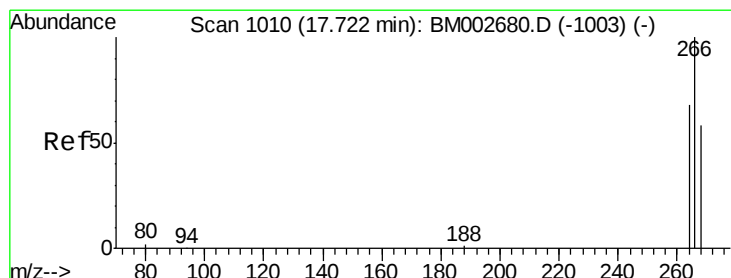
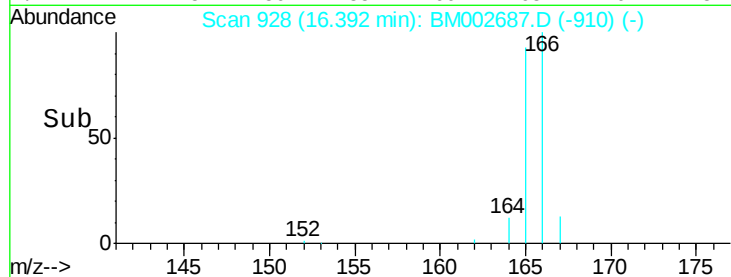
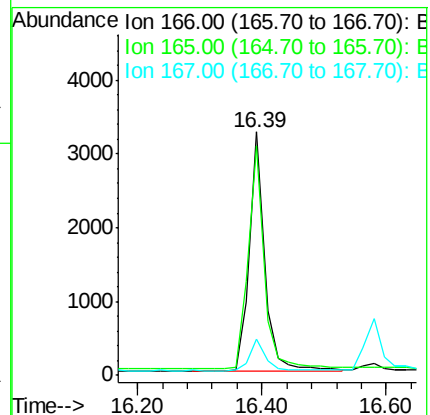
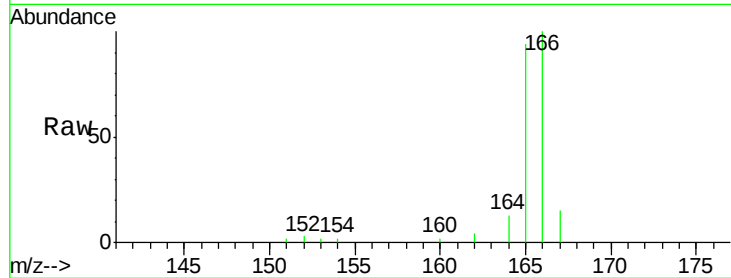
Tot Ion:166 Resp: 5529

Ion Ratio Lower Upper

166 100

165 94.2 87.6 131.4

167 14.9 11.1 16.7



#13

Pentachlorophenol

Concen: 0.13 ng/ul

RT: 17.74 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BM002687.D

Acq: 11 Sep 2015 18:37

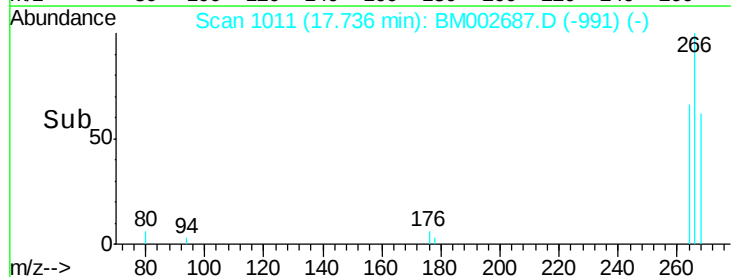
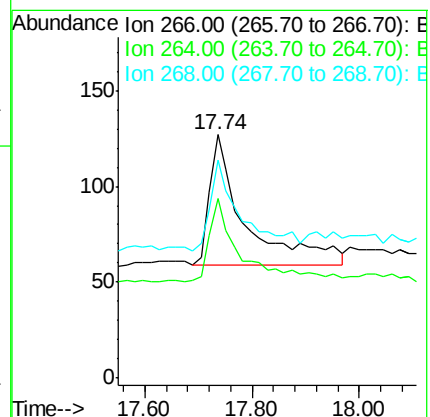
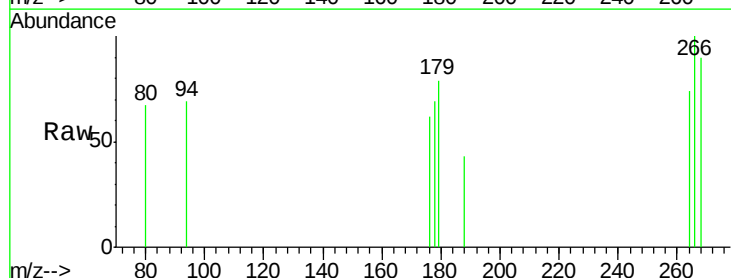
Tgt Ion:266 Resp: 311

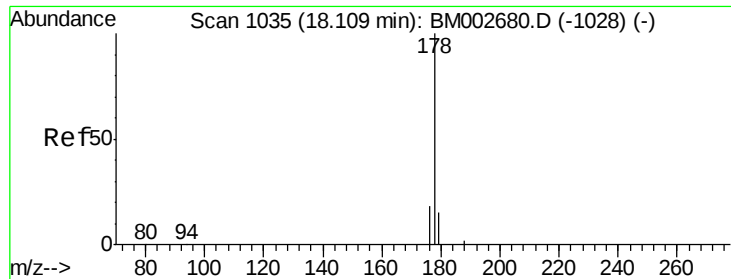
Ion Ratio Lower Upper

266 100

264 58.8 53.5 80.3

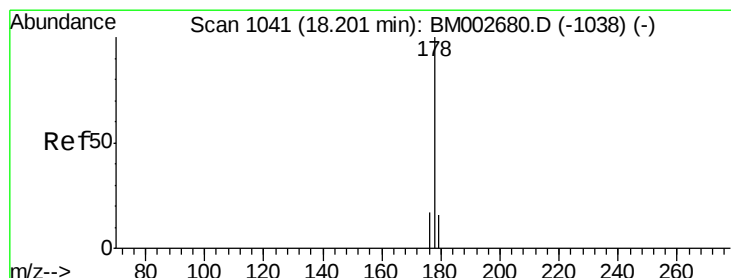
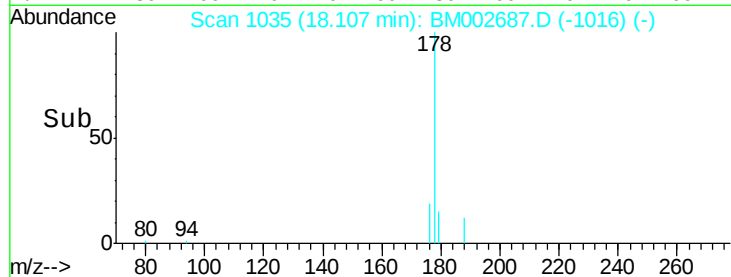
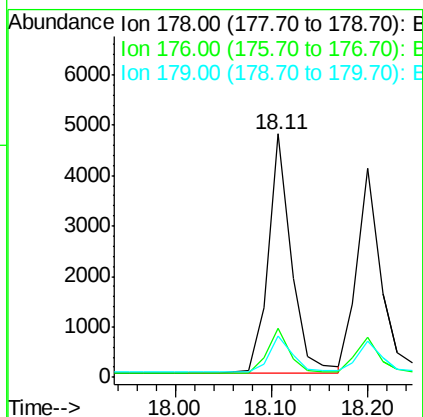
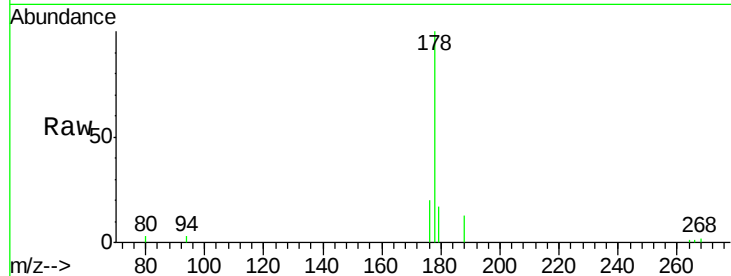
268 62.7 54.2 81.2





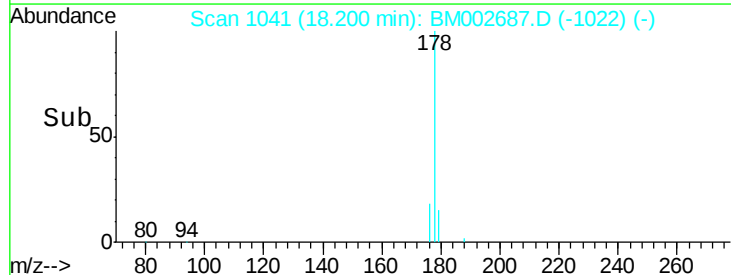
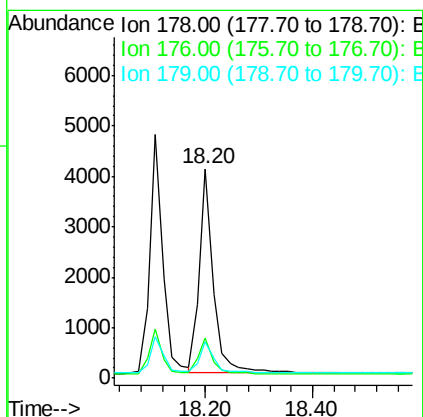
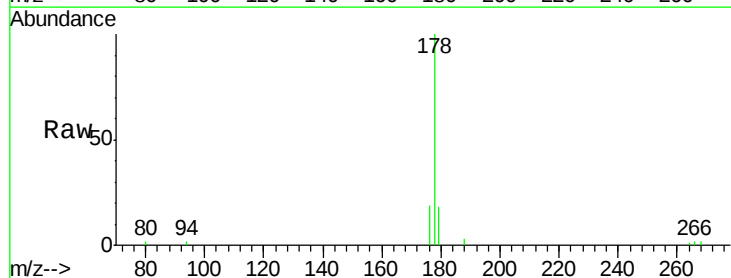
#14
Phenanthrene
Concen: 0.11 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002687.D
Acq: 11 Sep 2015 18:37

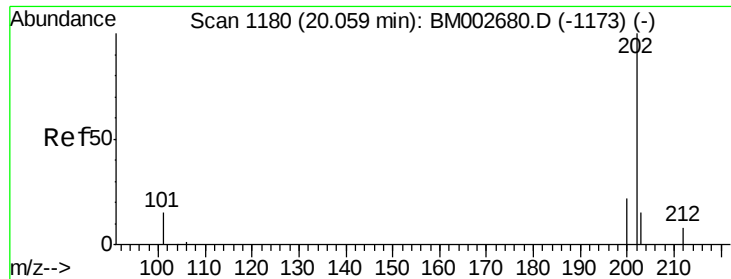
Tot Ion:178 Resp: 7936
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 17.0 12.8 19.2



#15
Anthracene
Concen: 0.10 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002687.D
Acq: 11 Sep 2015 18:37

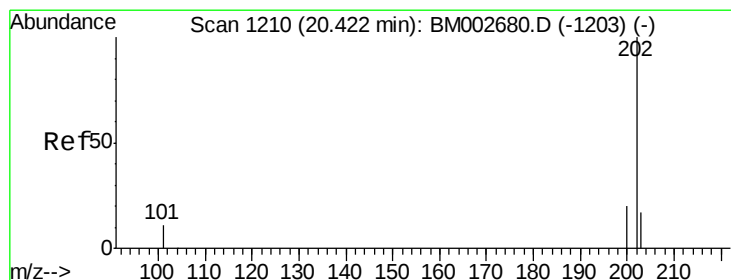
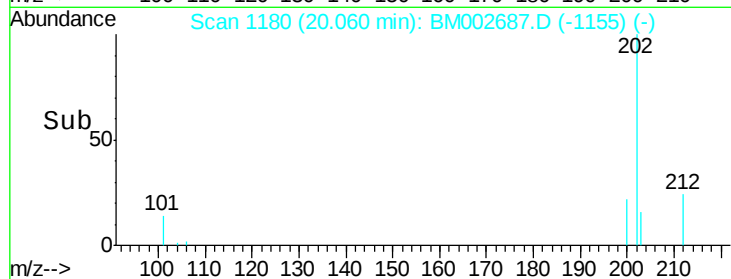
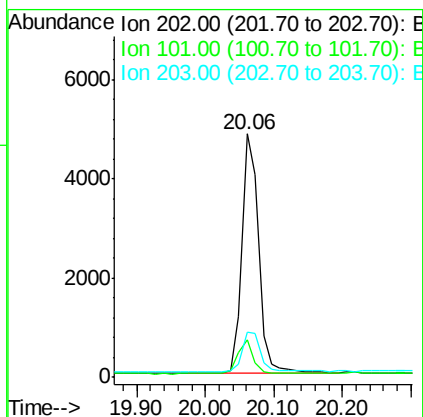
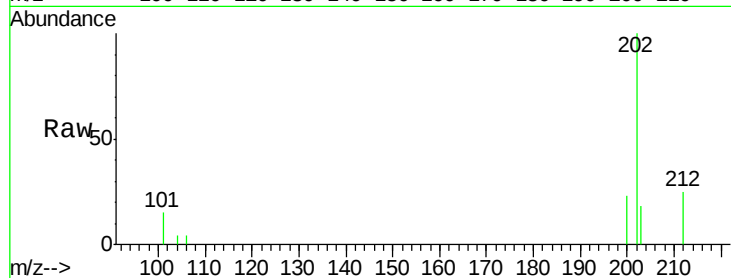
Tgt Ion:178 Resp: 7413
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 17.6 13.3 19.9





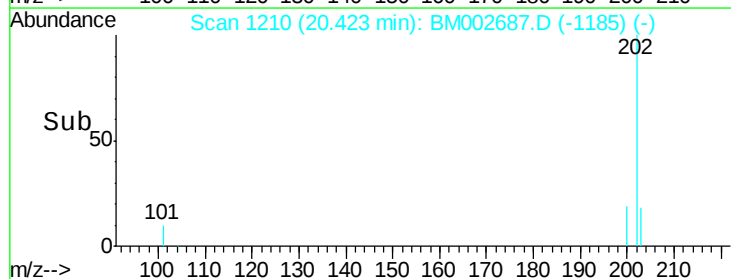
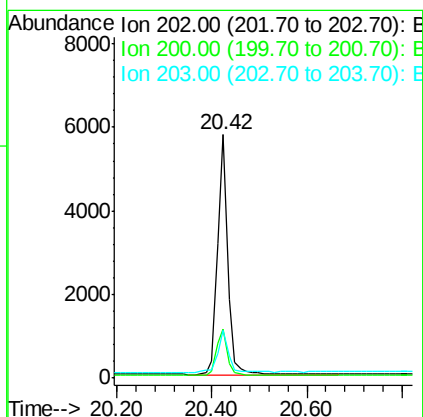
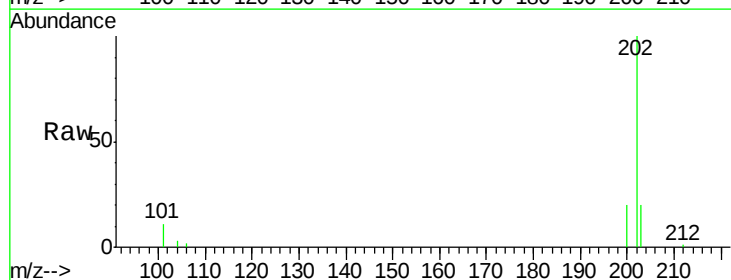
#17
Fluoranthene
 Concen: 0.11 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BM002687.D
 Acq: 11 Sep 2015 18:37

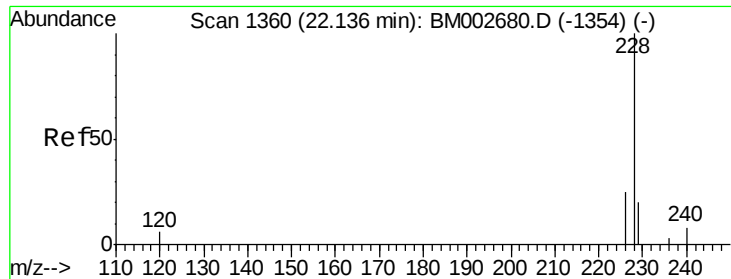
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.1
203	18.3	0.0	37.2



#19
Pyrene
 Concen: 0.10 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BM002687.D
 Acq: 11 Sep 2015 18:37

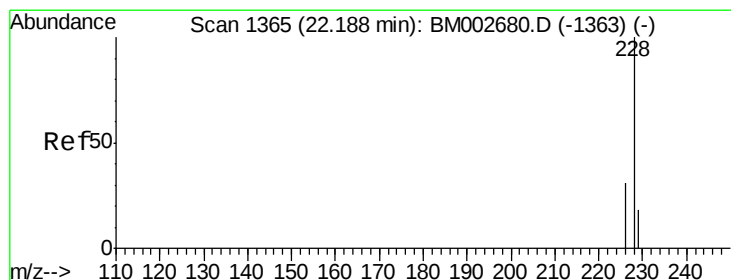
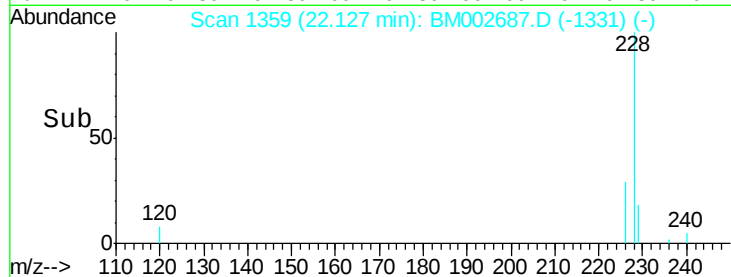
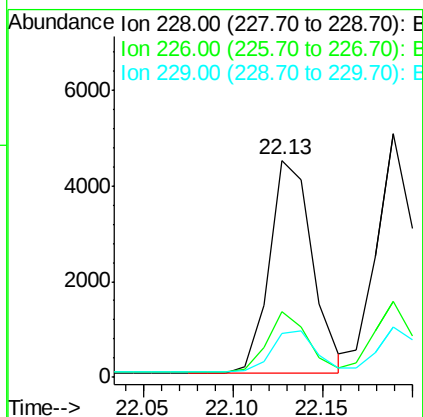
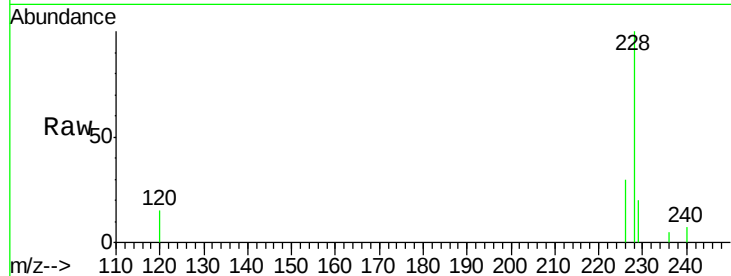
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	18.0	27.0
203	19.6	13.8	20.6





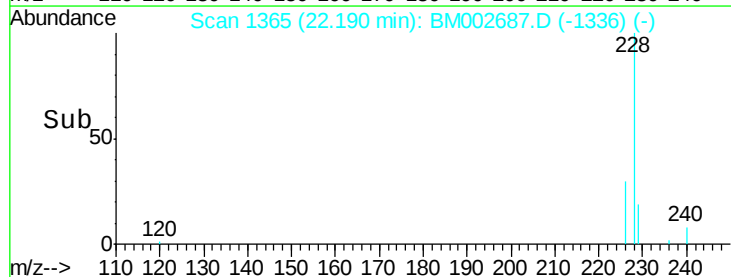
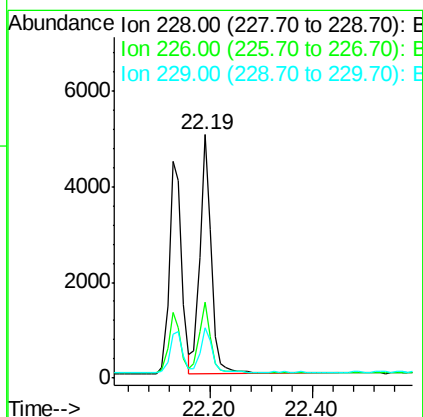
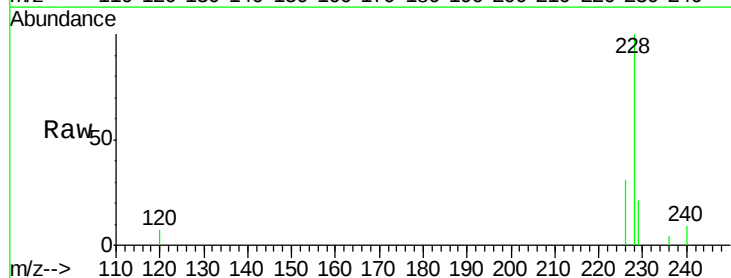
#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 22.13 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BM002687.D
Acq: 11 Sep 2015 18:37

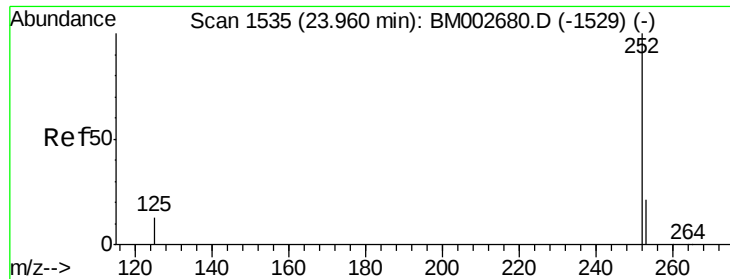
Tot Ion:228 Resp: 7404
Ion Ratio Lower Upper
228 100
226 30.4 23.0 34.4
229 20.3 15.2 22.8



#21
Chrysene
Concen: 0.11 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BM002687.D
Acq: 11 Sep 2015 18:37

Tgt Ion:228 Resp: 7782
Ion Ratio Lower Upper
228 100
226 31.1 25.7 38.5
229 20.7 15.2 22.8





#23

Benzo(b)fluoranthene

Concen: 0.10 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM002687.D

Acq: 11 Sep 2015 18:37

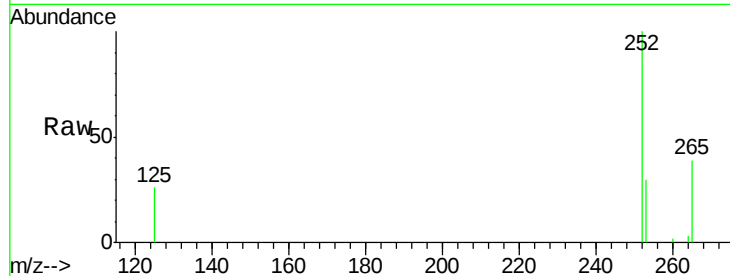
Tot Ion:252 Resp: 7661

Ion Ratio Lower Upper

252 100

253 30.1 0.0 48.0

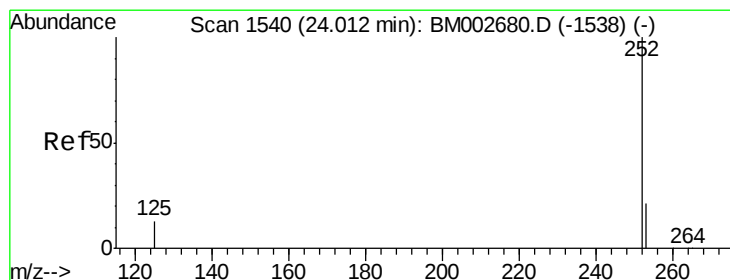
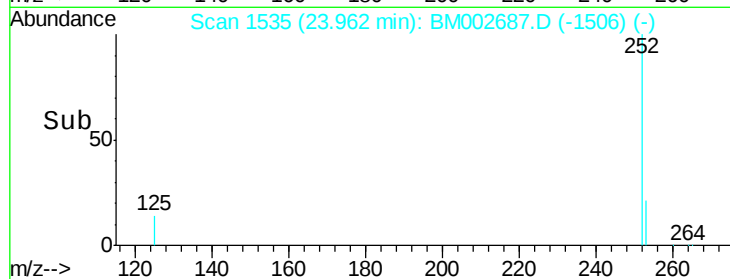
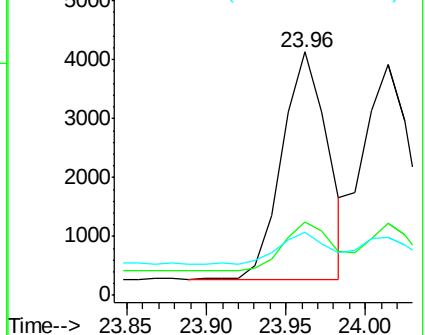
125 25.7 0.0 36.6



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: 0.11 ng/ul

RT: 24.01 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM002687.D

Acq: 11 Sep 2015 18:37

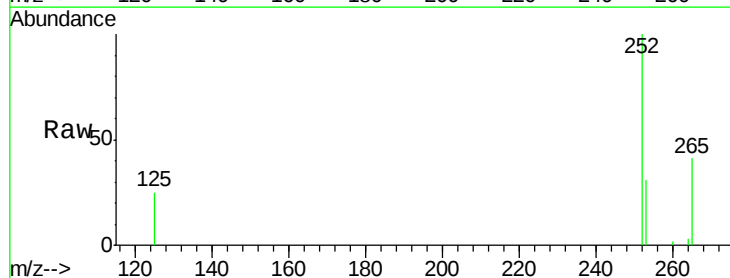
Tgt Ion:252 Resp: 7843

Ion Ratio Lower Upper

252 100

253 31.1 20.8 31.2

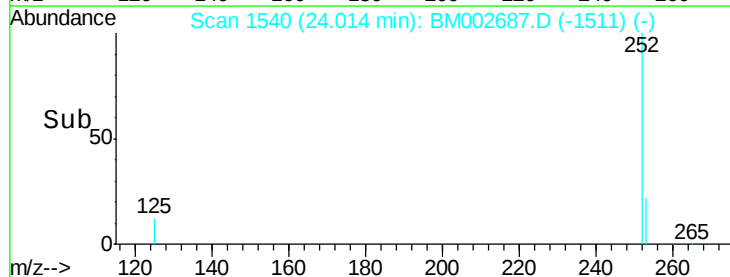
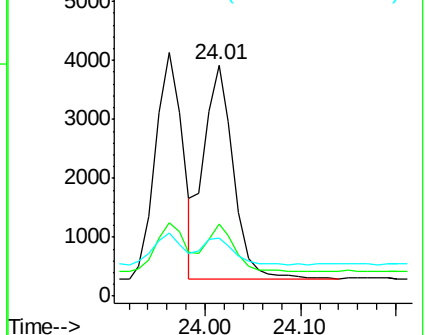
125 25.4 12.2 18.4#

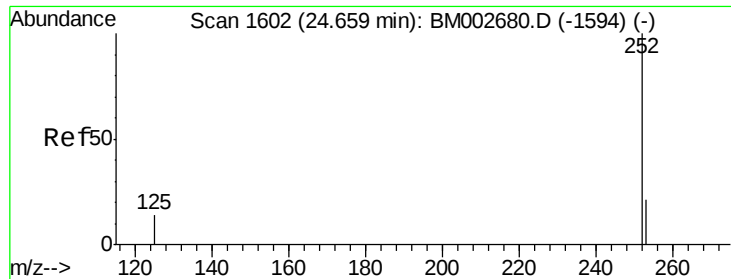


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

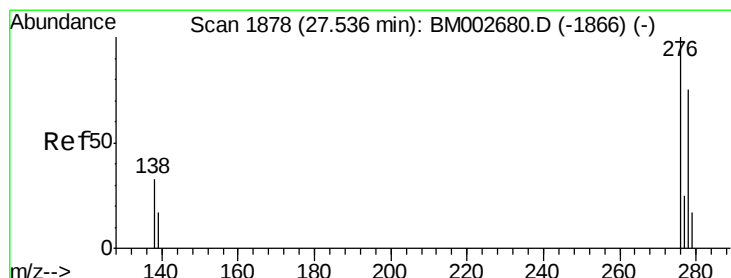
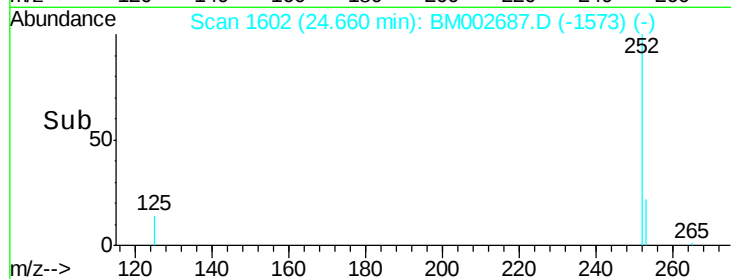
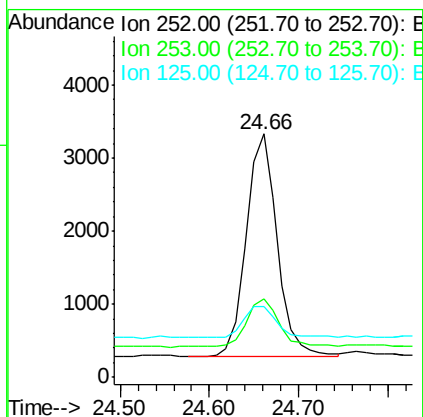
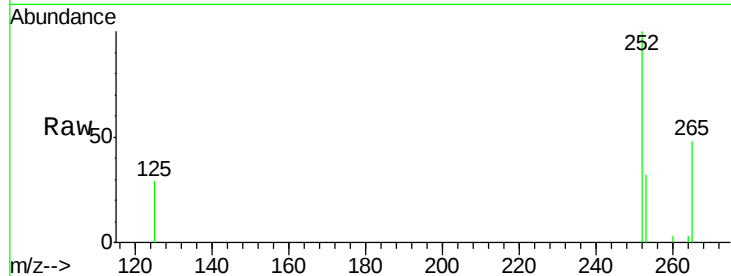
Ion 125.00 (124.70 to 125.70): E





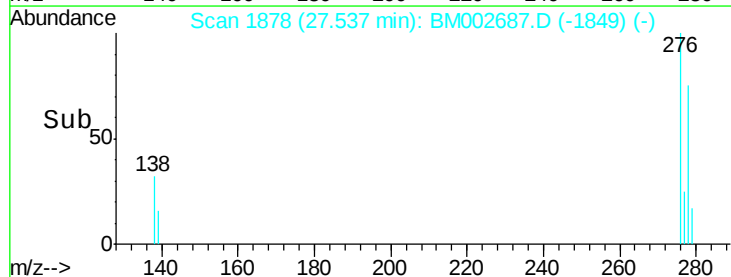
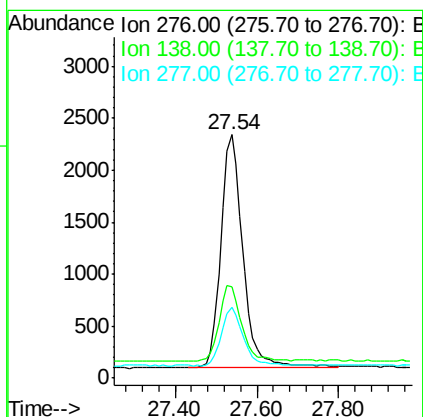
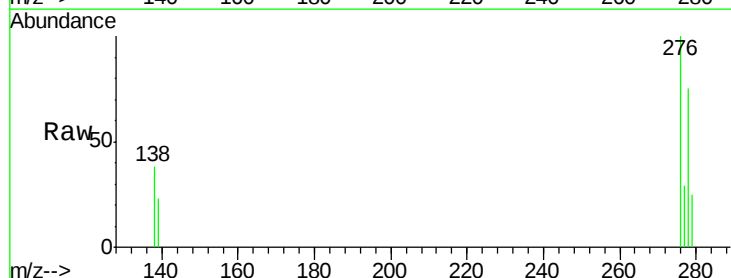
#25
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BM002687.D
Acq: 11 Sep 2015 18:37

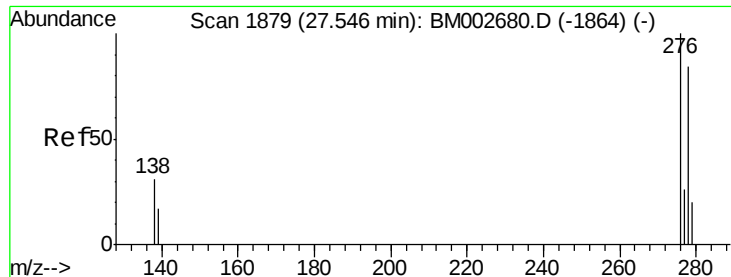
Tot Ion:252 Resp: 7278
Ion Ratio Lower Upper
252 100
253 32.5 21.8 32.8
125 29.3 14.5 21.7#



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM002687.D
Acq: 11 Sep 2015 18:37

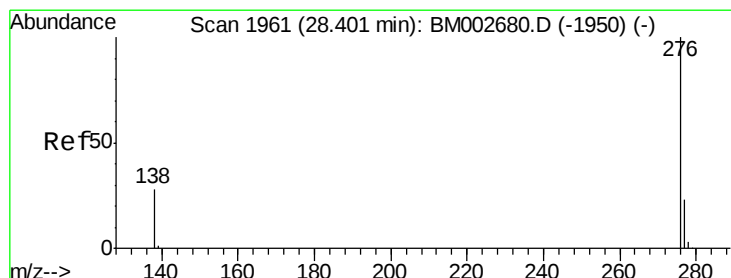
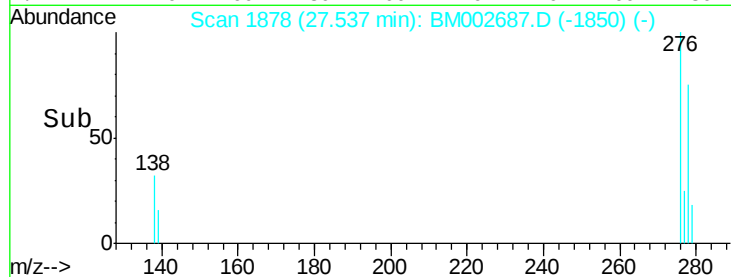
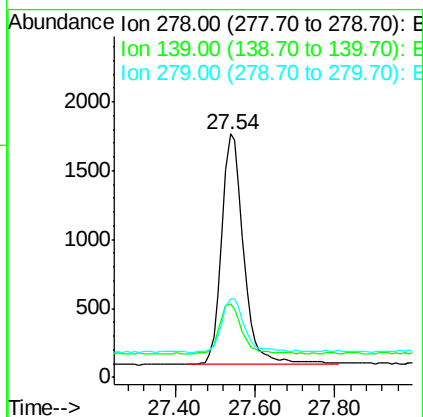
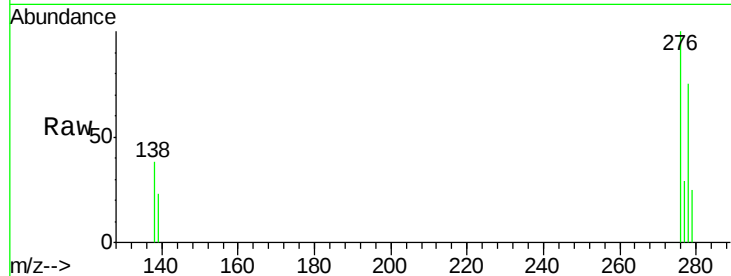
Tgt Ion:276 Resp: 8438
Ion Ratio Lower Upper
276 100
138 32.3 27.5 41.3
277 25.2 19.3 28.9





#27
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM002687.D
Acq: 11 Sep 2015 18:37

Tot Ion: 278 Resp: 6460
Ion Ratio Lower Upper
278 100
139 30.4 21.7 32.5
279 32.5 21.9 32.9



#28
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM002687.D
Acq: 11 Sep 2015 18:37

Tgt Ion: 276 Resp: 7631
Ion Ratio Lower Upper
276 100
277 29.0 21.3 31.9
138 36.0 25.5 38.3

