

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002683.D
 Acq On : 11 Sep 2015 16:10
 Operator : UM/IZ
 Sample : MDL-02-W
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 12 01:35:27 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	8050	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	32943	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	14531	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	25334	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	21010	0.40	ng/ul	0.00
22) Perylene-d12	24.78	264	20395	0.40	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.82	96	30	0.00	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.17	152	16650	0.38	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	22403	0.39	ng/ul	0.00

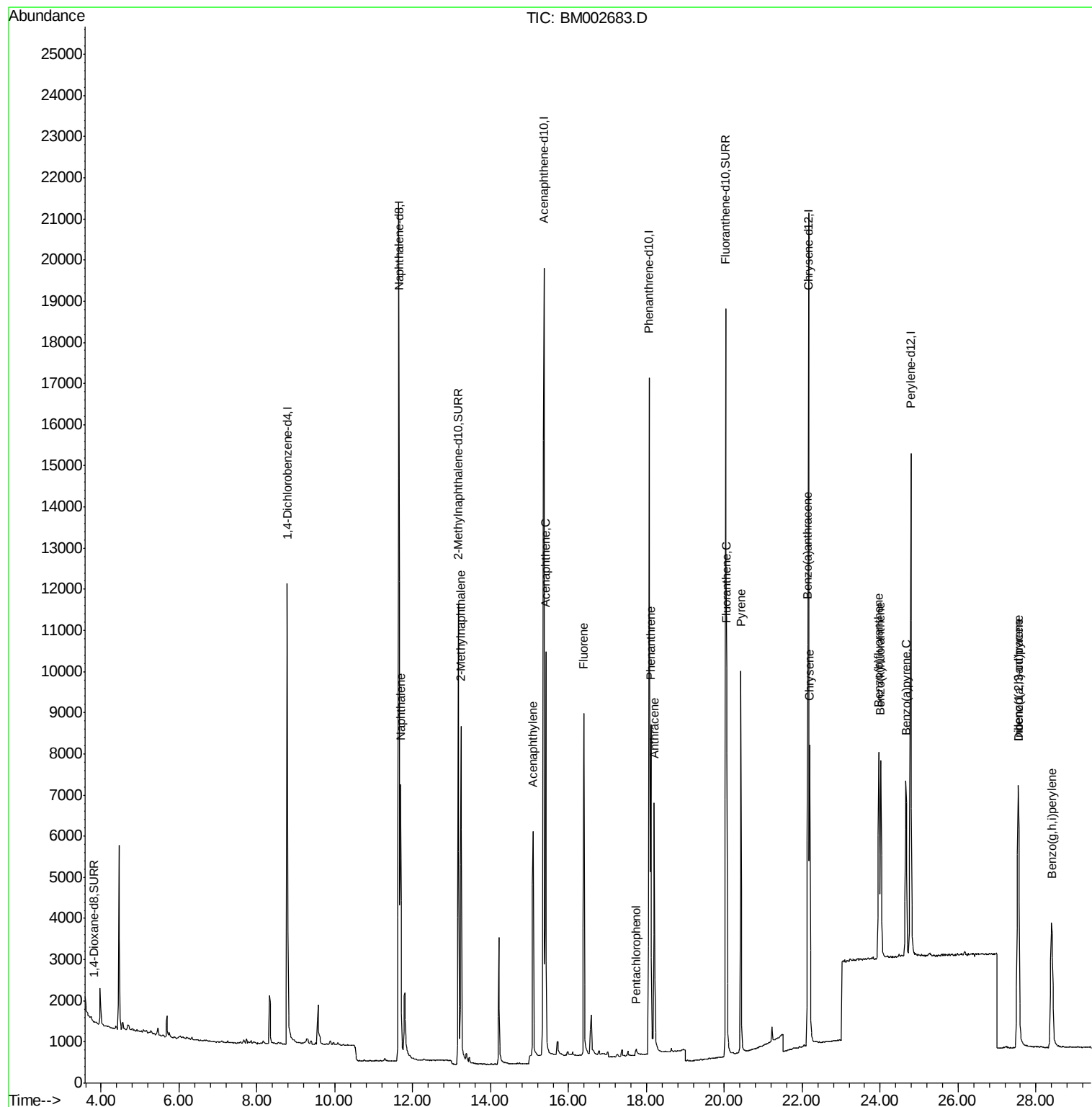
Target Compounds

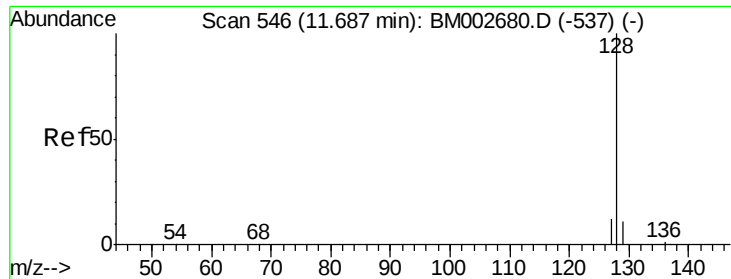
						Ovalue
5) Naphthalene	11.69	128	9682	0.11	ng/ul	100
7) 2-Methylnaphthalene	13.24	142	6752	0.12	ng/ul	97
9) Acenaphthylene	15.09	152	8731	0.11	ng/ul	96
10) Acenaphthene	15.42	153	6048	0.11	ng/ul	92
11) Fluorene	16.39	166	6342	0.11	ng/ul	87
13) Pentachlorophenol	17.74	266	337	0.14	ng/ul	91
14) Phenanthrene	18.11	178	8911	0.12	ng/ul	97
15) Anthracene	18.20	178	8329	0.11	ng/ul	98
17) Fluoranthene	20.06	202	9110	0.11	ng/ul	96
19) Pyrene	20.42	202	9250	0.12	ng/ul	96
20) Benzo(a)anthracene	22.14	228	7755	0.11	ng/ul	96
21) Chrysene	22.19	228	7733	0.11	ng/ul	96
23) Benzo(b)fluoranthene	23.96	252	8272	0.11	ng/ul	86
24) Benzo(k)fluoranthene	24.01	252	7674	0.11	ng/ul#	84
25) Benzo(a)pyrene	24.66	252	7461	0.11	ng/ul#	84
26) Indeno(1,2,3-cd)pyrene	27.55	276	8645	0.11	ng/ul	97
27) Dibenzo(a,h)anthracene	27.55	278	6589	0.10	ng/ul	93
28) Benzo(a,h,i)perylene	28.40	276	7786	0.11	ng/ul	97

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

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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
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#5

Naphthalene

Concen: 0.11 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002683.D

Acq: 11 Sep 2015 16:10

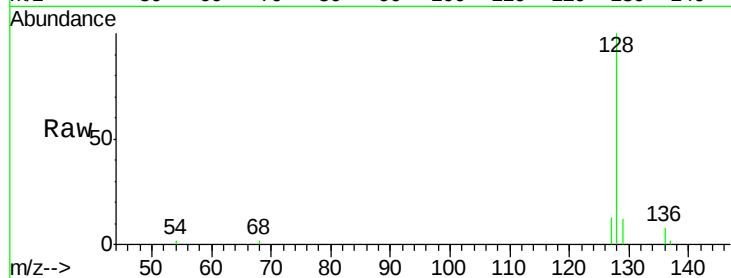
Tot Ion:128 Resp: 9682

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.8

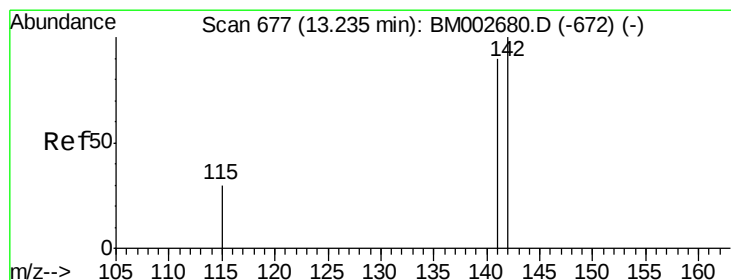
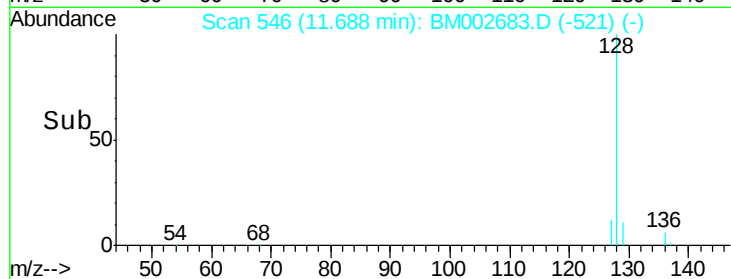
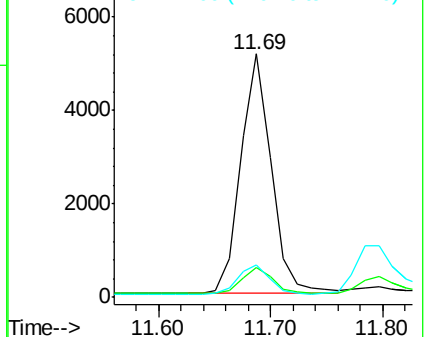
127 13.4 10.7 16.1



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: 0.12 ng/ul

RT: 13.24 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM002683.D

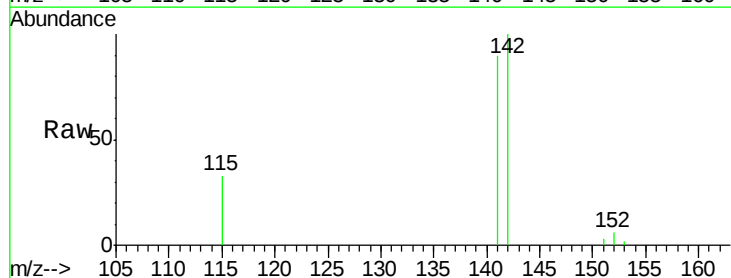
Acq: 11 Sep 2015 16:10

Tgt Ion:142 Resp: 6752

Ion Ratio Lower Upper

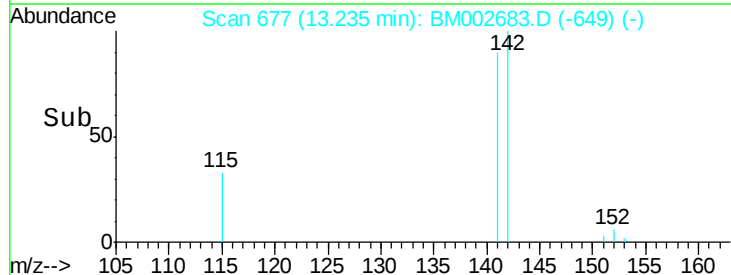
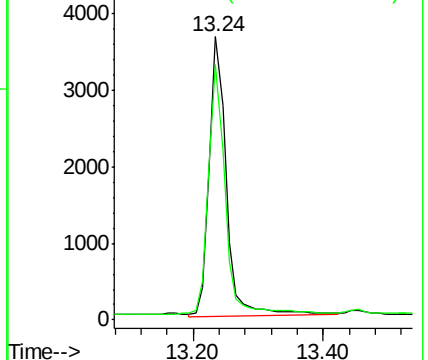
142 100

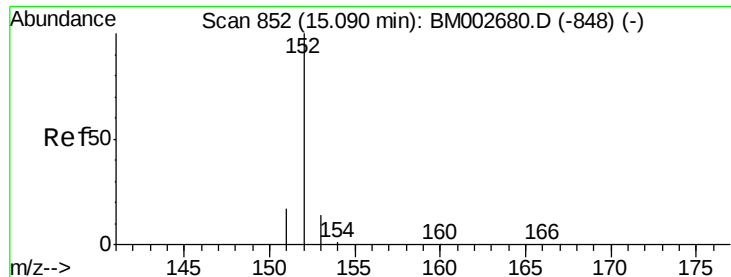
141 85.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.11 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002683.D

Acq: 11 Sep 2015 16:10

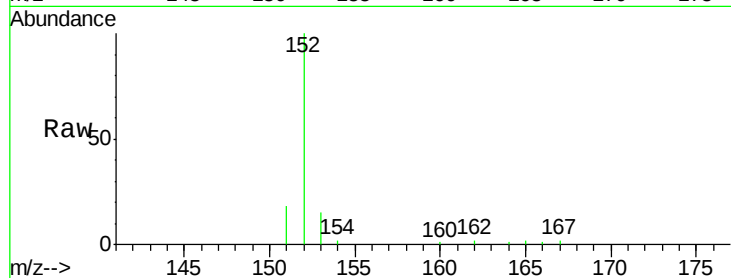
Tot Ion:152 Resp: 8731

Ion Ratio Lower Upper

152 100

151 18.5 16.8 25.2

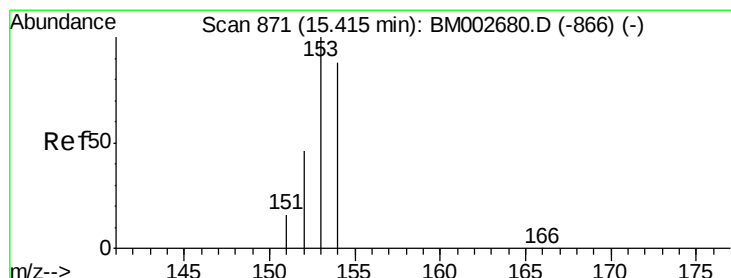
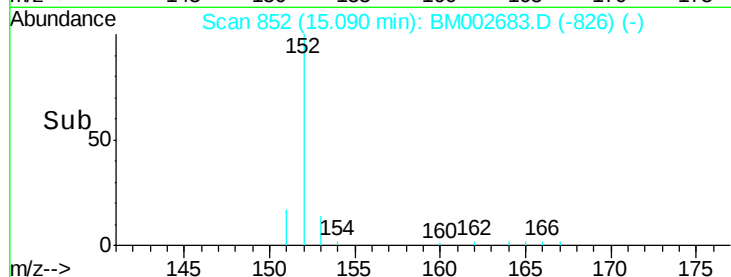
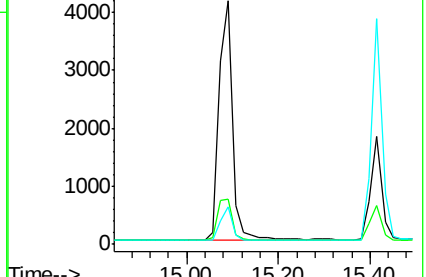
153 15.2 11.3 16.9



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: BM002683.D

Acq: 11 Sep 2015 16:10

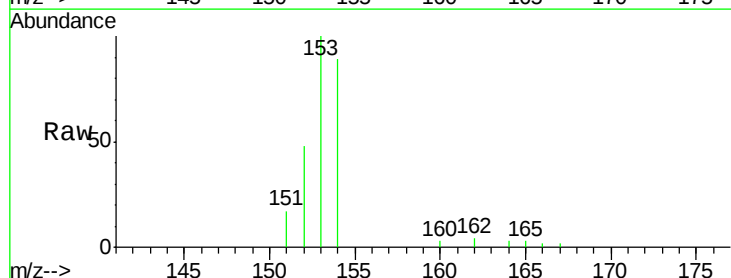
Tgt Ion:153 Resp: 6048

Ion Ratio Lower Upper

153 100

152 47.9 42.3 63.5

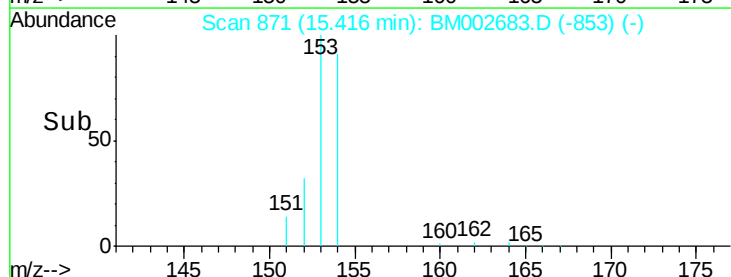
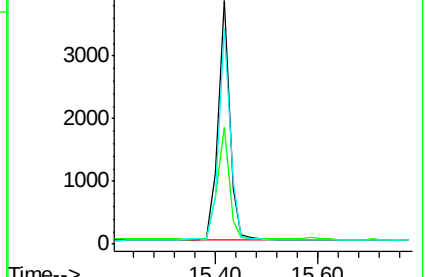
154 88.8 64.7 97.1

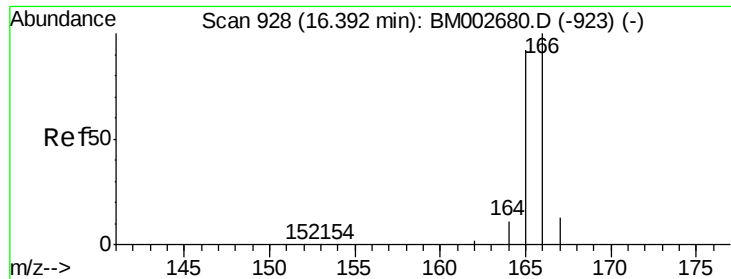


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.11 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM002683.D

Acq: 11 Sep 2015 16:10

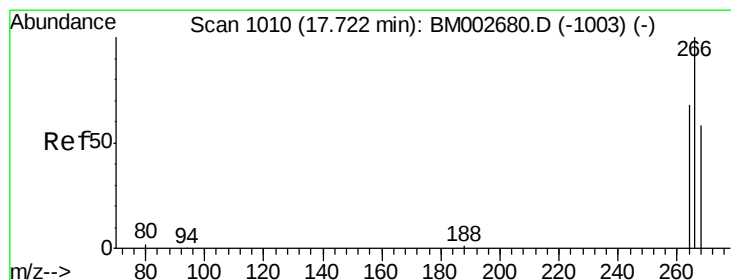
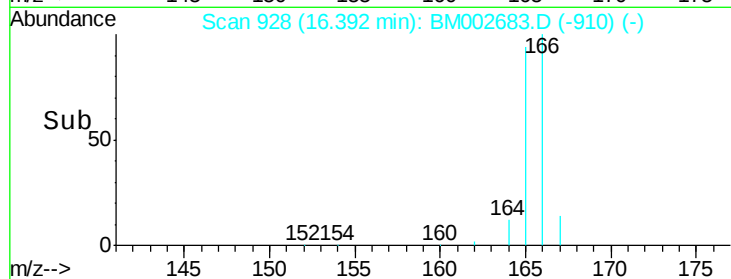
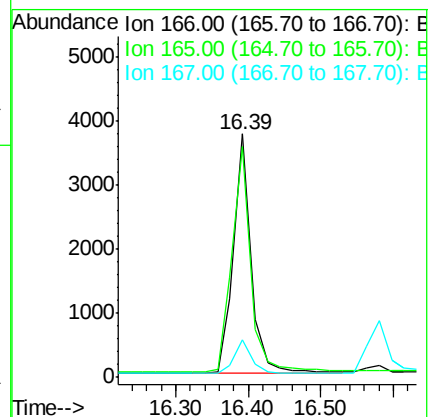
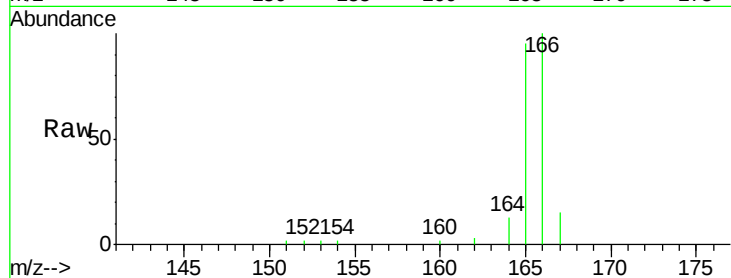
Tot Ion:166 Resp: 6342

Ion Ratio Lower Upper

166 100

165 94.6 87.6 131.4

167 15.2 11.1 16.7



#13

Pentachlorophenol

Concen: 0.14 ng/ul

RT: 17.74 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BM002683.D

Acq: 11 Sep 2015 16:10

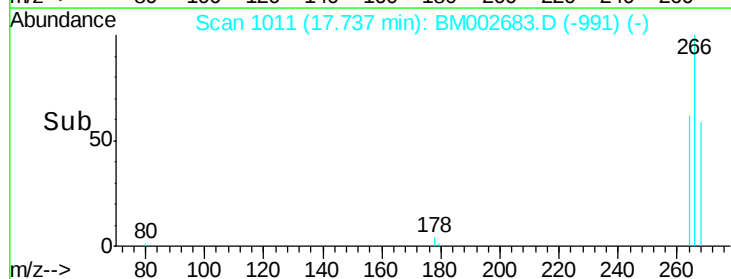
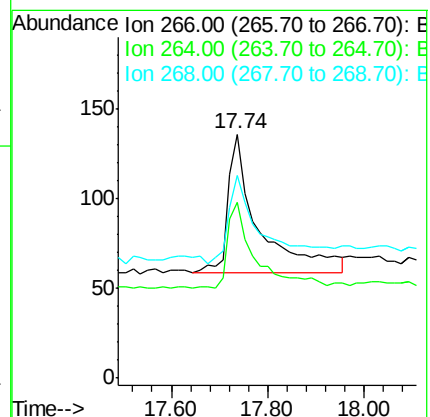
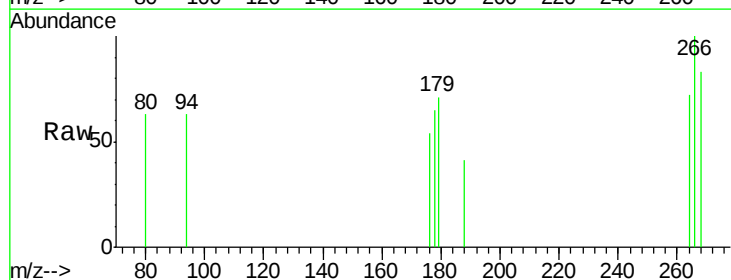
Tgt Ion:266 Resp: 337

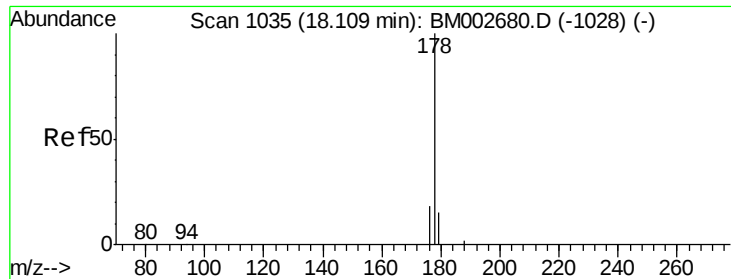
Ion Ratio Lower Upper

266 100

264 58.2 53.5 80.3

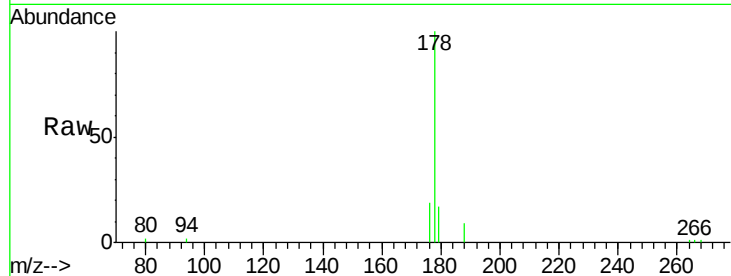
268 73.6 54.2 81.2



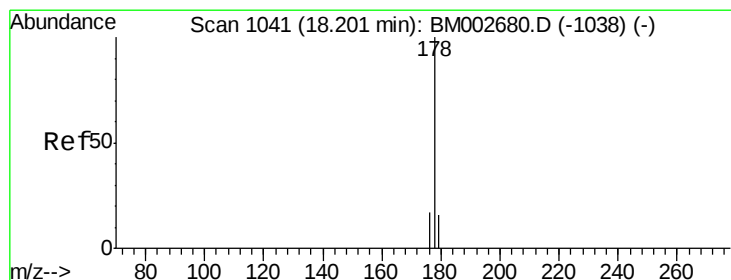
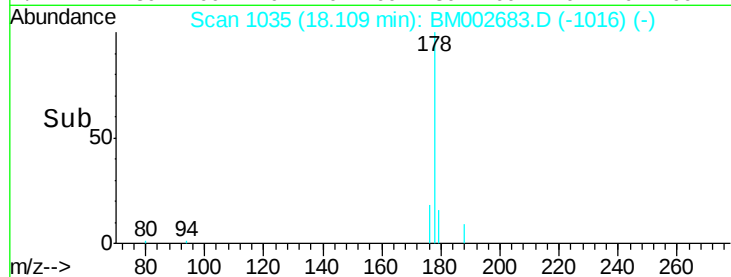
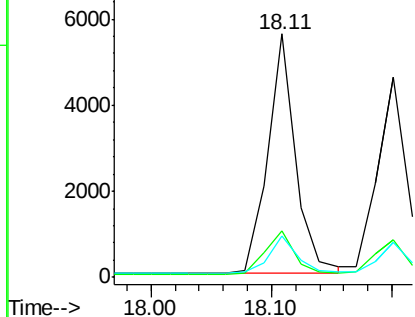


#14
Phenanthrene
Concen: 0.12 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BM002683.D
Acq: 11 Sep 2015 16:10

Tot Ion:178 Resp: 8911
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.4
179 17.2 12.8 19.2

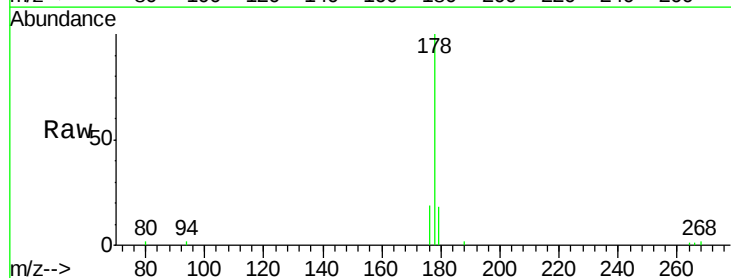


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

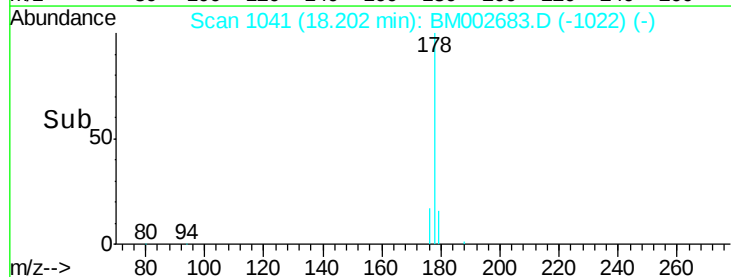
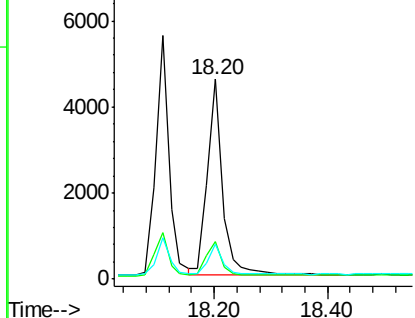


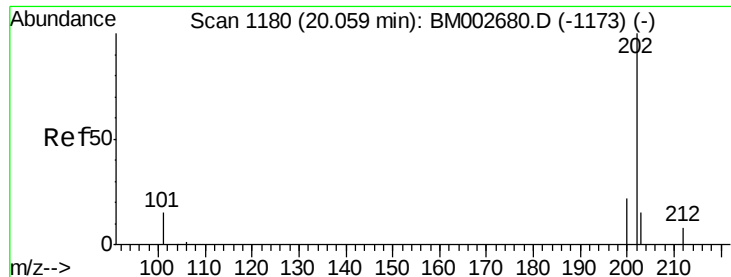
#15
Anthracene
Concen: 0.11 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BM002683.D
Acq: 11 Sep 2015 16:10

Tgt Ion:178 Resp: 8329
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 17.6 13.3 19.9



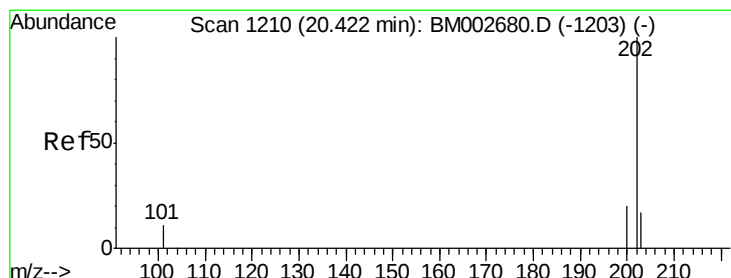
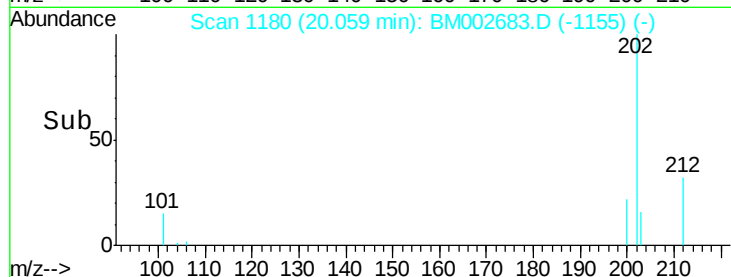
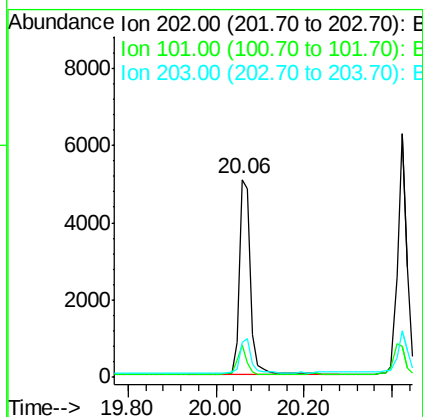
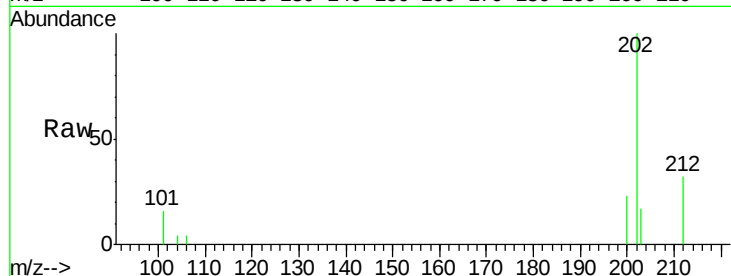
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





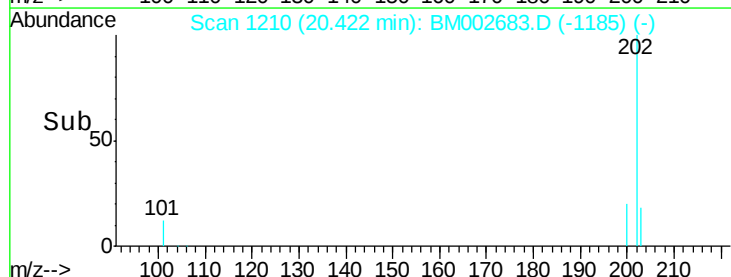
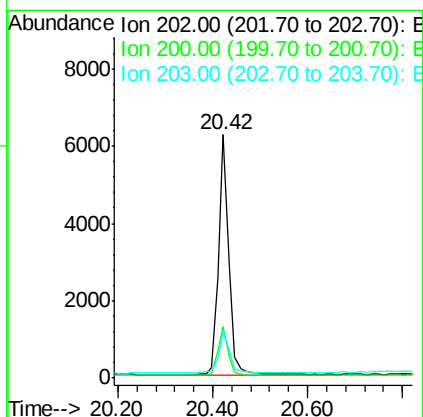
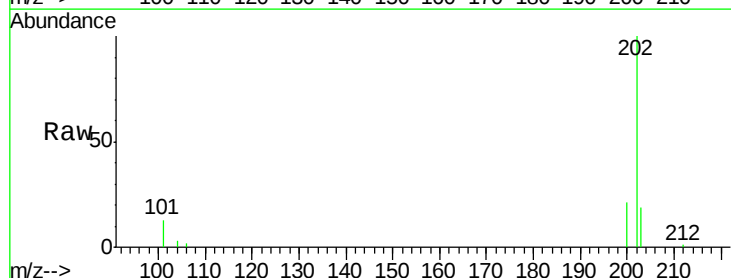
#17
 Fluoranthene
 Concen: 0.11 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BM002683.D
 Acq: 11 Sep 2015 16:10

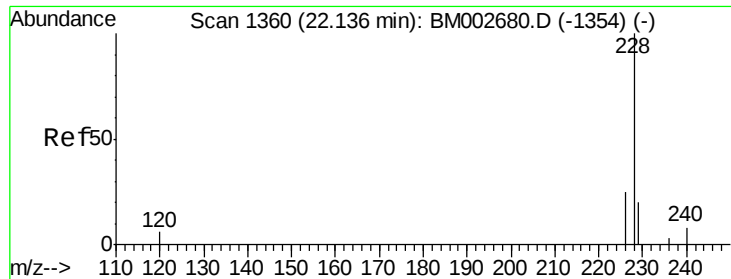
Tot Ion:202 Resp: 9110
 Ion Ratio Lower Upper
 202 100
 101 16.2 0.0 33.1
 203 17.4 0.0 37.2



#19
 Pyrene
 Concen: 0.12 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BM002683.D
 Acq: 11 Sep 2015 16:10

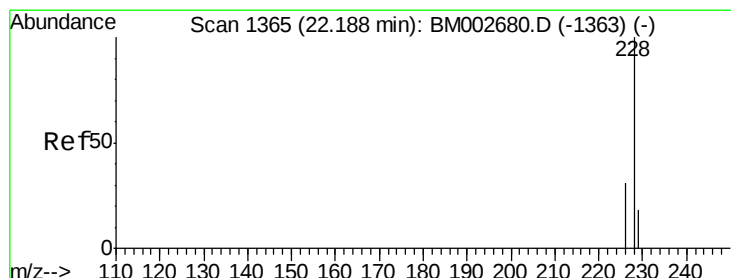
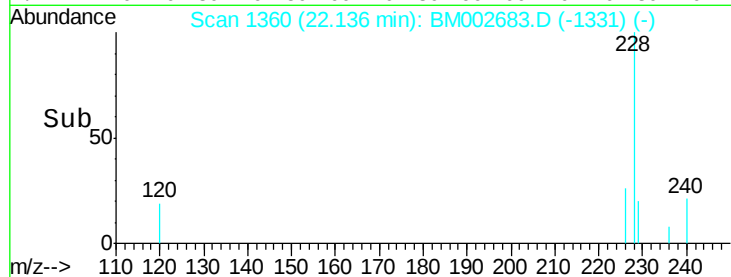
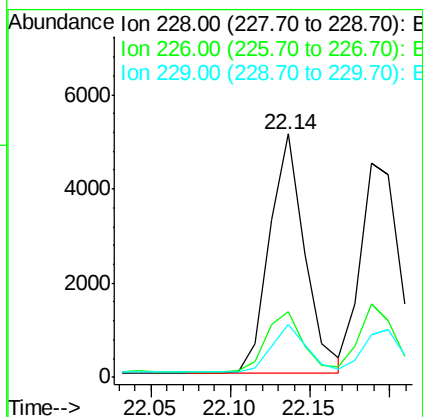
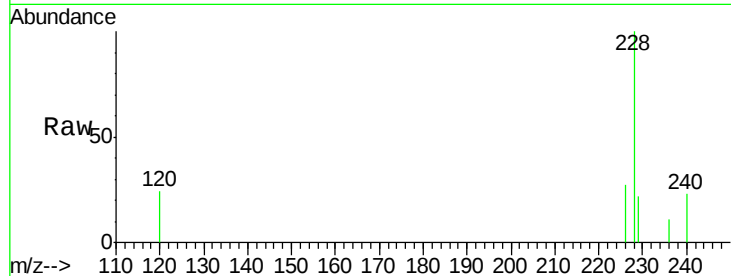
Tgt Ion:202 Resp: 9250
 Ion Ratio Lower Upper
 202 100
 200 21.0 18.0 27.0
 203 19.3 13.8 20.6





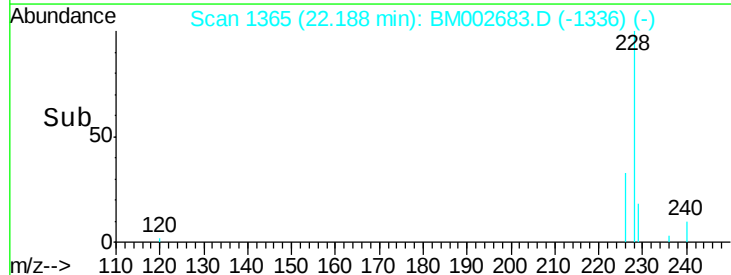
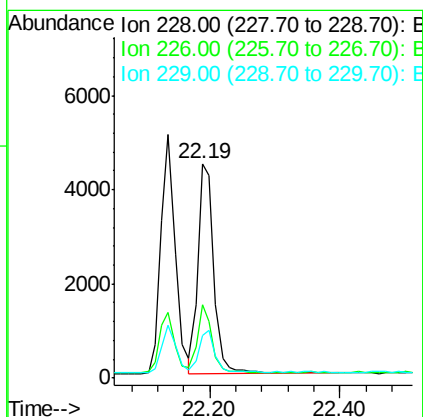
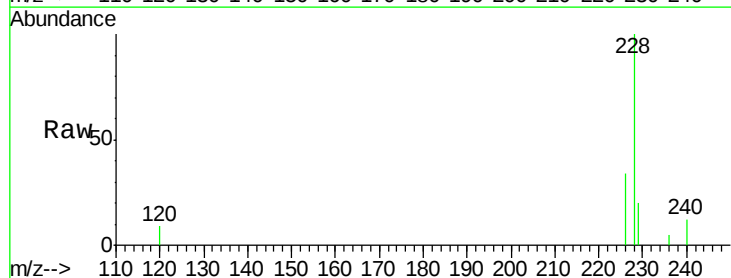
#20
Benzo(a)anthracene
Concen: 0.11 ng/ul
RT: 22.14 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BM002683.D
Acq: 11 Sep 2015 16:10

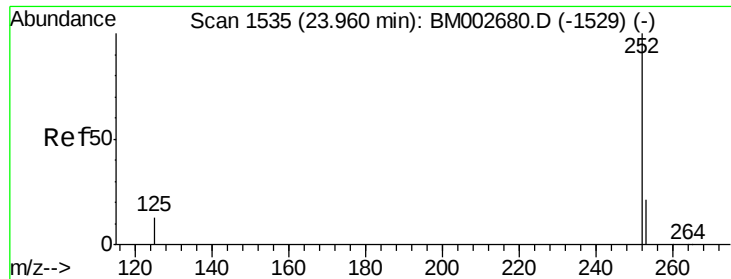
Tot Ion:228 Resp: 7755
Ion Ratio Lower Upper
228 100
226 27.1 23.0 34.4
229 21.6 15.2 22.8



#21
Chrysene
Concen: 0.11 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BM002683.D
Acq: 11 Sep 2015 16:10

Tgt Ion:228 Resp: 7733
Ion Ratio Lower Upper
228 100
226 34.4 25.7 38.5
229 20.2 15.2 22.8





#23

Benzo(b)fluoranthene

Concen: 0.11 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM002683.D

Acq: 11 Sep 2015 16:10

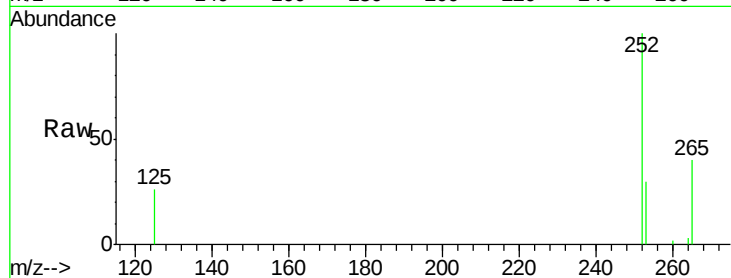
Tot Ion:252 Resp: 8272

Ion Ratio Lower Upper

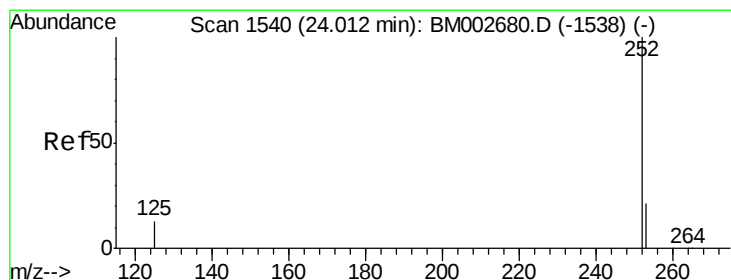
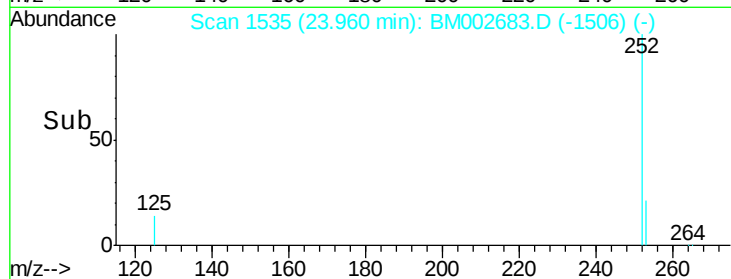
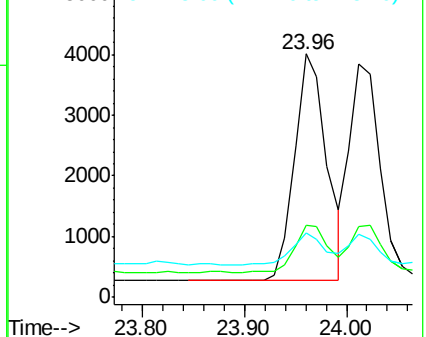
252 100

253 29.8 0.0 48.0

125 26.2 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: 0.11 ng/ul

RT: 24.01 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM002683.D

Acq: 11 Sep 2015 16:10

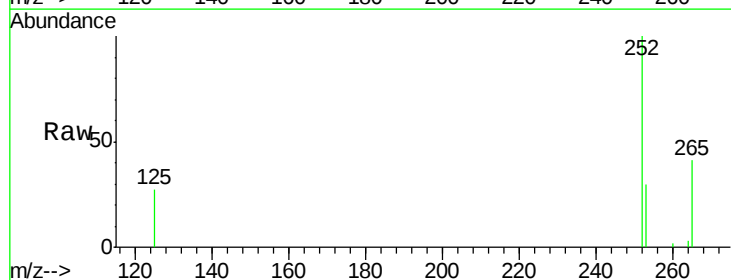
Tgt Ion:252 Resp: 7674

Ion Ratio Lower Upper

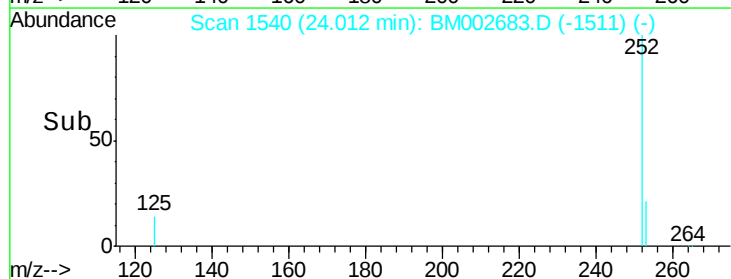
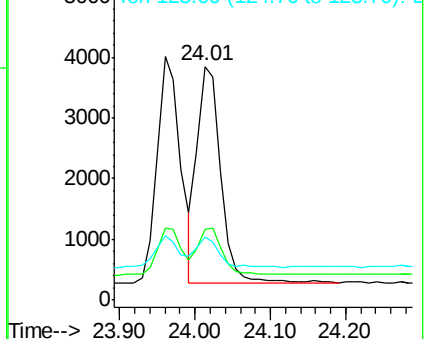
252 100

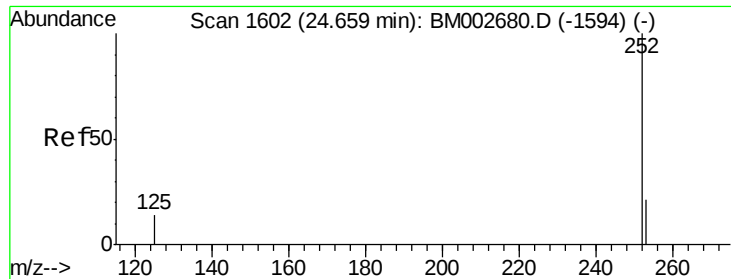
253 30.5 20.8 31.2

125 26.8 12.2 18.4#



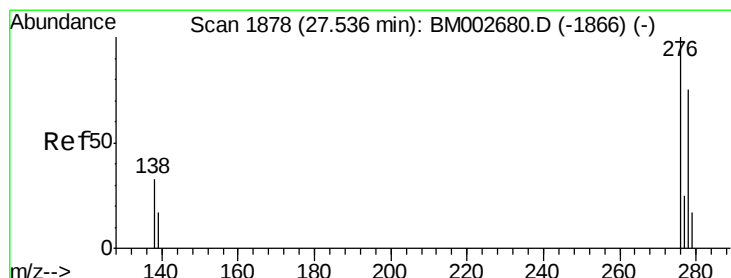
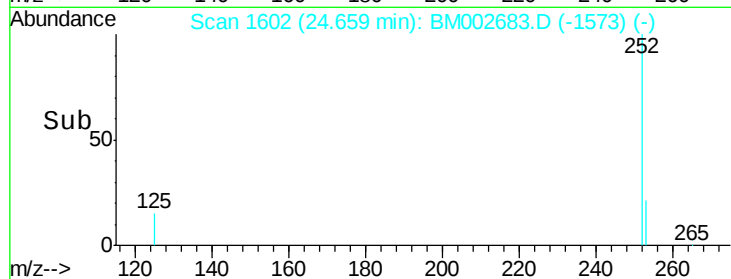
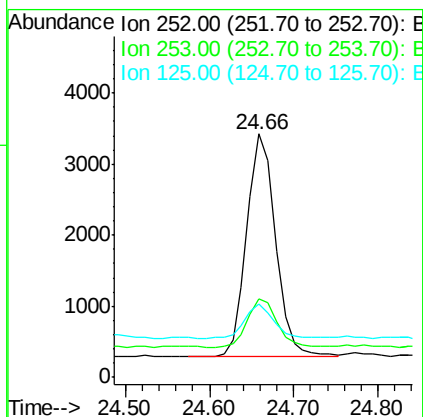
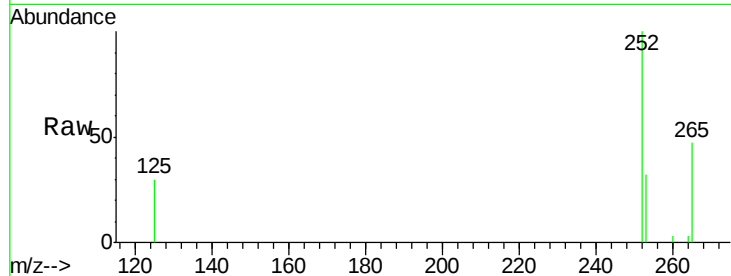
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





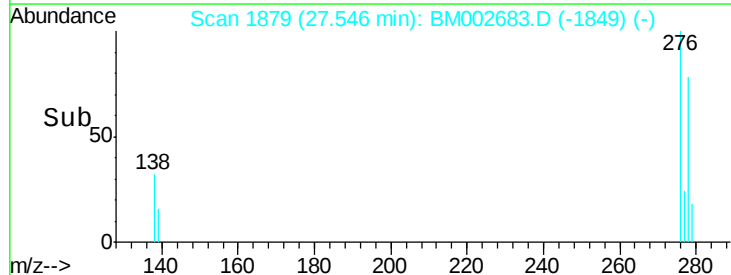
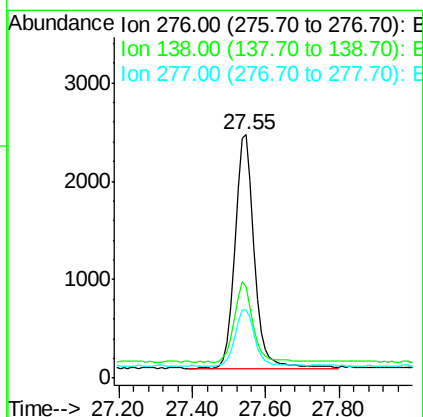
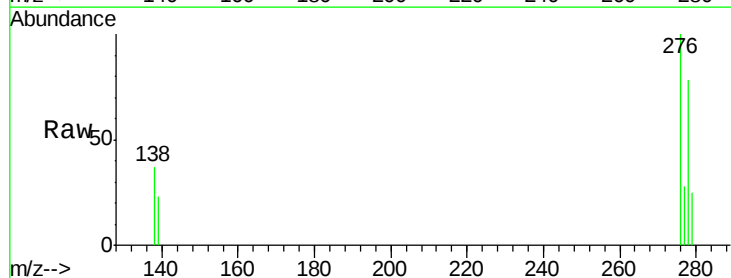
#25
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BM002683.D
Acq: 11 Sep 2015 16:10

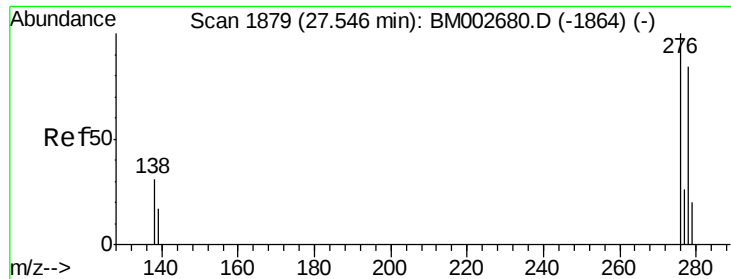
Tot Ion: 252 Resp: 7461
Ion Ratio Lower Upper
252 100
253 32.0 21.8 32.8
125 30.0 14.5 21.7#



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul
RT: 27.55 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BM002683.D
Acq: 11 Sep 2015 16:10

Tgt Ion: 276 Resp: 8645
Ion Ratio Lower Upper
276 100
138 33.2 27.5 41.3
277 26.1 19.3 28.9

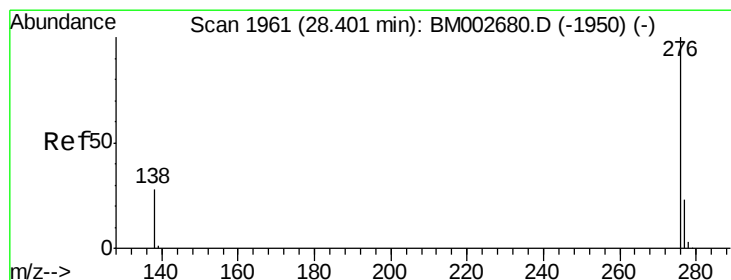
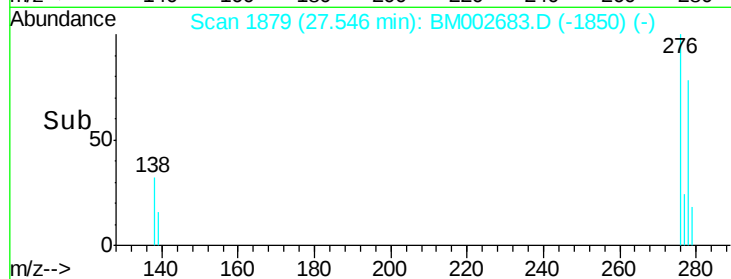
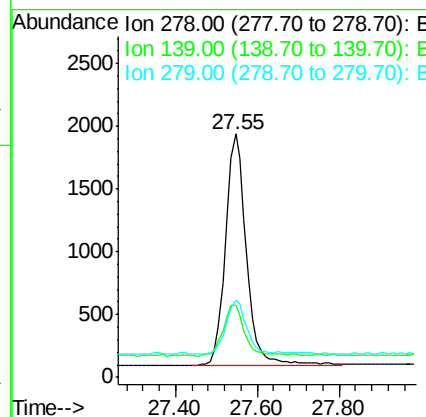
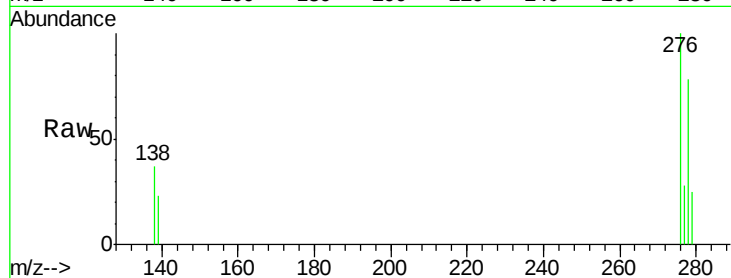




#27
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 27.55 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM002683.D
Acq: 11 Sep 2015 16:10

Tot Ion: 278 Resp: 6589

Ion	Ratio	Lower	Upper
278	100		
139	29.6	21.7	32.5
279	31.8	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: BM002683.D
Acq: 11 Sep 2015 16:10

Tgt Ion: 276 Resp: 7786

Ion	Ratio	Lower	Upper
276	100		
277	27.9	21.3	31.9
138	34.1	25.5	38.3

