

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002697.D
 Acq On : 12 Sep 2015 00:41
 Operator : UM/IZ
 Sample : MDL-07-S
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

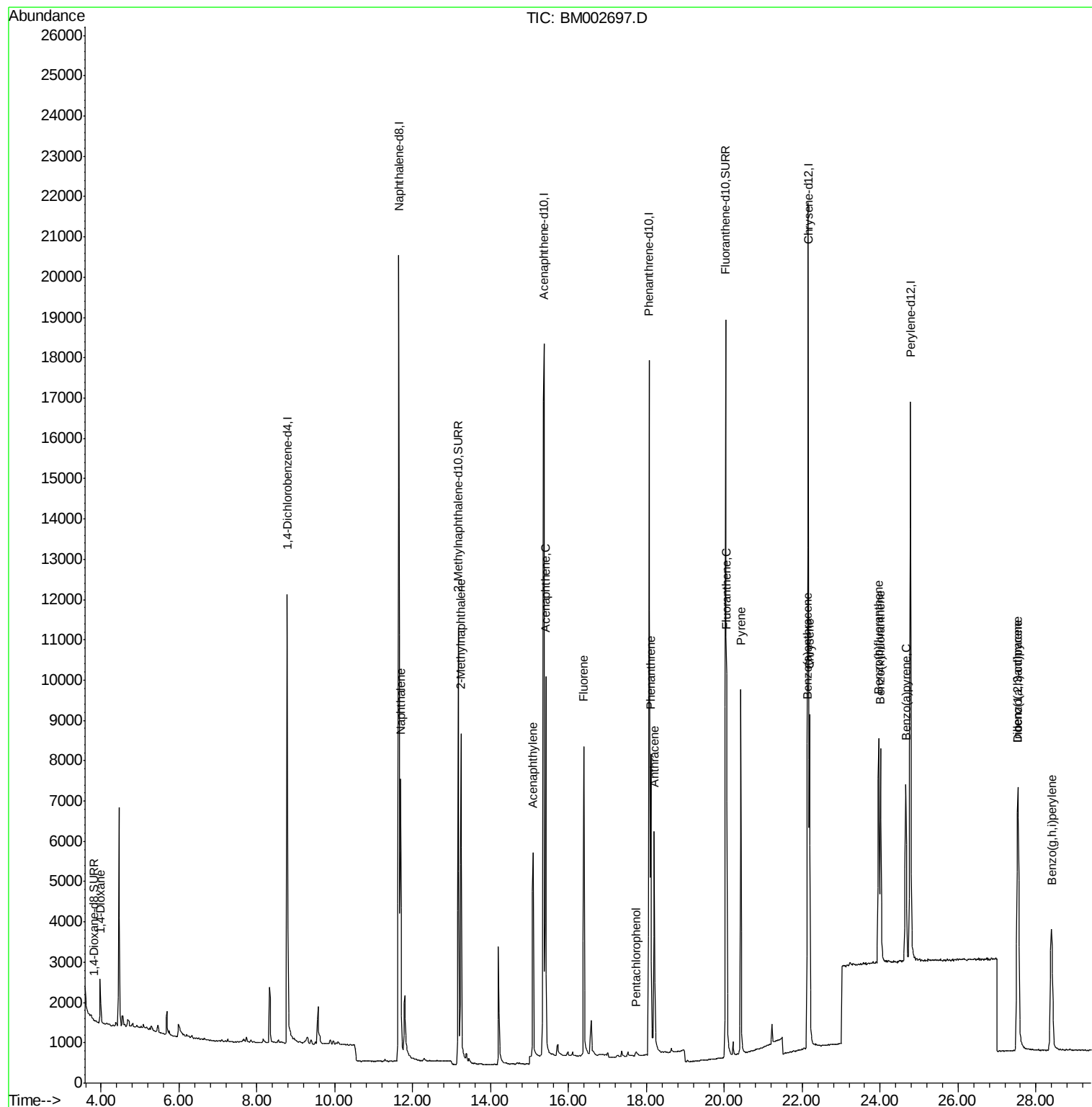
Quant Time: Sep 12 01:59:06 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 12 01:57:16 2015
 Response via : Initial Calibration

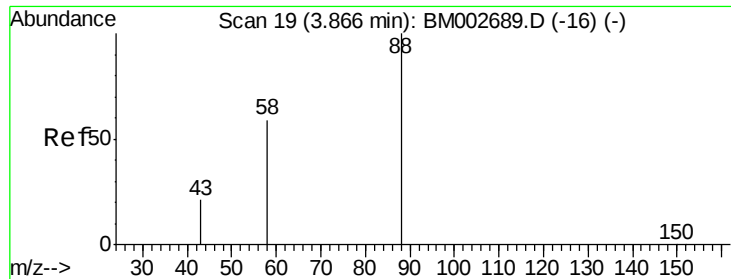
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8287	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	32169	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	14506	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	26321	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	23368	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	22566	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.82	96	39	0.00	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.16	152	16913	0.39	ng/ul	-0.01
16) Fluoranthene-d10	20.03	212	22555	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.97	88	41	0.00	ng/ul#	1
5) Naphthalene	11.69	128	10067	0.12	ng/ul	100
7) 2-Methylnaphthalene	13.23	142	6707	0.12	ng/ul	98
9) Acenaphthylene	15.09	152	8306	0.11	ng/ul	95
10) Acenaphthene	15.42	153	5903	0.11	ng/ul	91
11) Fluorene	16.39	166	5997	0.10	ng/ul	86
13) Pentachlorophenol	17.74	266	213	0.08	ng/ul	94
14) Phenanthrene	18.11	178	8478	0.11	ng/ul	97
15) Anthracene	18.20	178	8035	0.10	ng/ul	97
17) Fluoranthene	20.06	202	8916	0.11	ng/ul	97
19) Pyrene	20.42	202	9224	0.10	ng/ul	96
20) Benzo(a)anthracene	22.13	228	7932	0.10	ng/ul	97
21) Chrysene	22.19	228	8314	0.11	ng/ul	97
23) Benzo(b)fluoranthene	23.96	252	8237	0.10	ng/ul	88
24) Benzo(k)fluoranthene	24.01	252	8381	0.11	ng/ul#	88
25) Benzo(a)pyrene	24.66	252	7759	0.10	ng/ul#	85
26) Indeno(1,2,3-cd)pyrene	27.54	276	9042	0.10	ng/ul	98
27) Dibenzo(a,h)anthracene	27.54	278	6914	0.10	ng/ul	94
28) Benzo(g,h,i)perylene	28.40	276	8038	0.11	ng/ul	96

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

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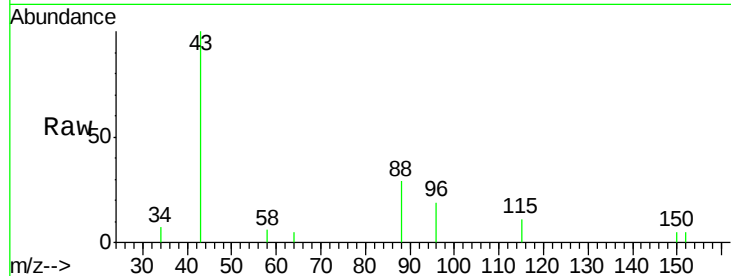
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 12 01:57:16 2015
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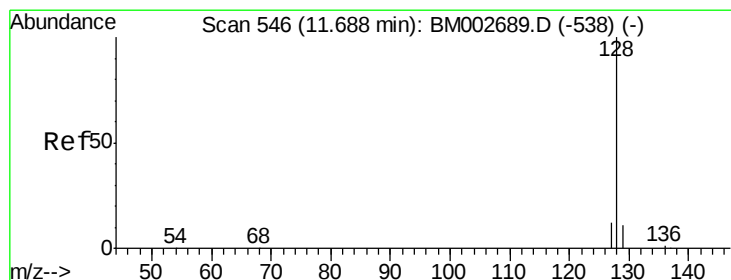
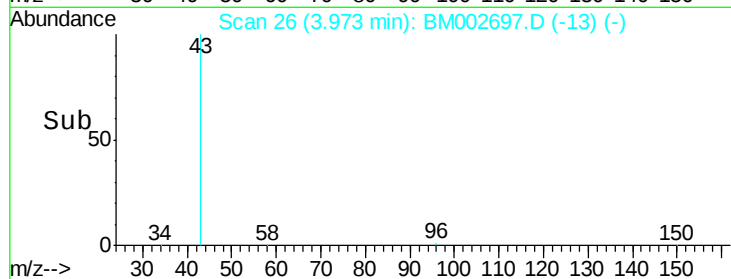
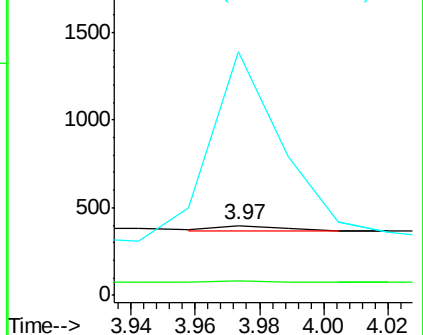


#3
1,4-Dioxane
Concen: 0.00 ng/ul
RT: 3.97 min Scan# 26
Delta R.T. 0.11 min
Lab File: BM002697.D
Acq: 12 Sep 2015 00:41

Tot Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
58 19.5 55.4 83.2#
43 4029.3 24.2 36.2#

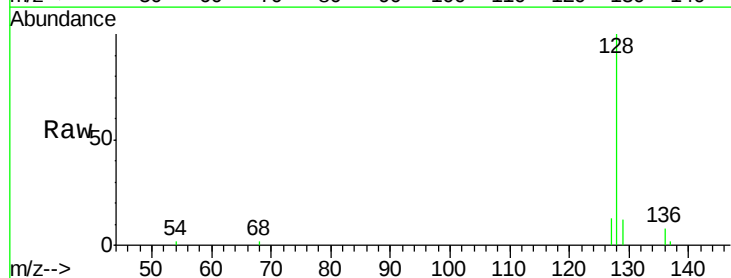


Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0

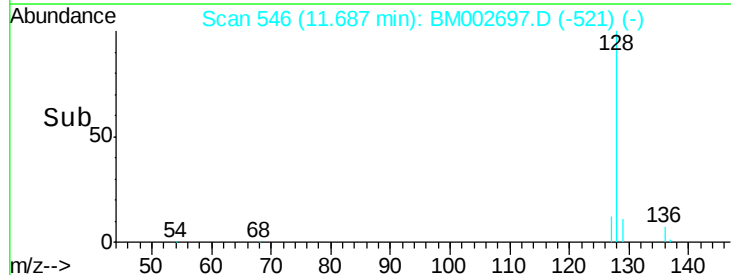
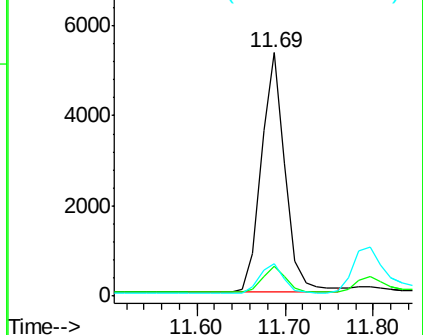


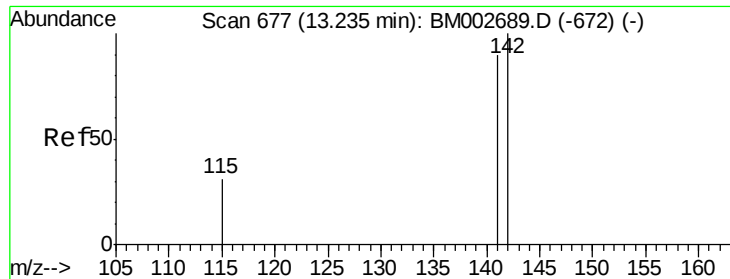
#5
Naphthalene
Concen: 0.12 ng/ul
RT: 11.69 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM002697.D
Acq: 12 Sep 2015 00:41

Tgt Ion: 128 Resp: 10067
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.8
127 13.3 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: 13.23 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM002697.D

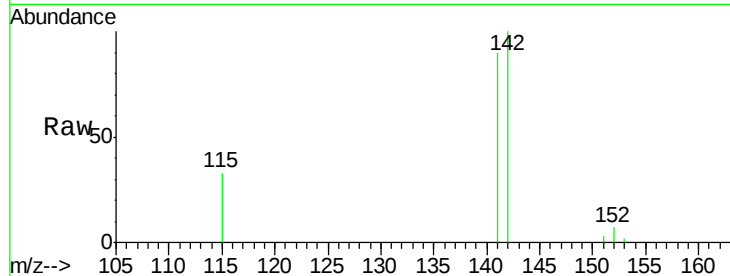
Acq: 12 Sep 2015 00:41

Tot Ion:142 Resp: 6707

Ion Ratio Lower Upper

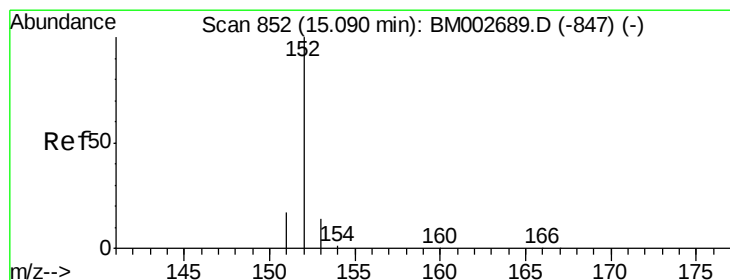
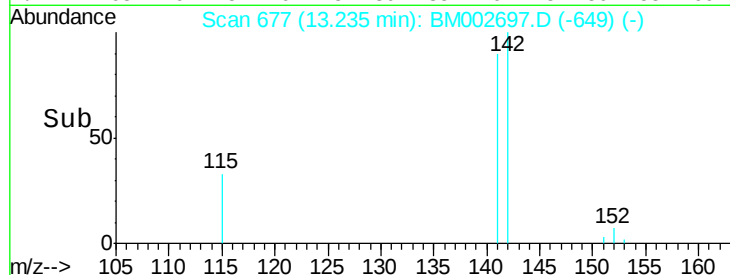
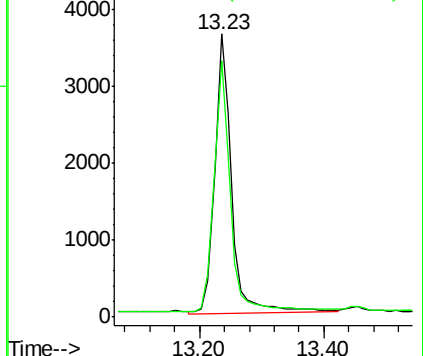
142 100

141 90.2 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: BM002697.D

Acq: 12 Sep 2015 00:41

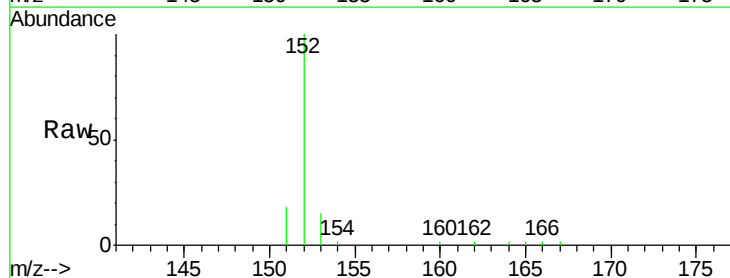
Tgt Ion:152 Resp: 8306

Ion Ratio Lower Upper

152 100

151 18.3 16.8 25.2

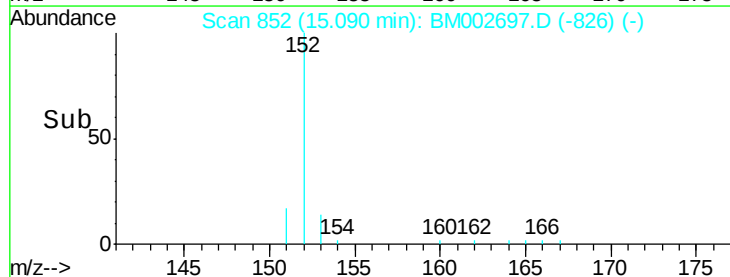
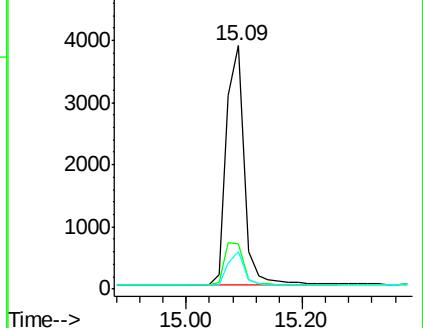
153 15.3 11.3 16.9

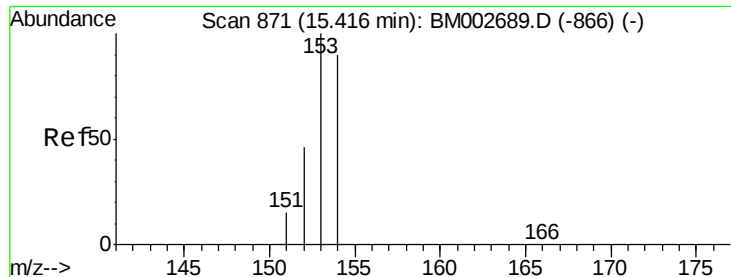


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.11 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM002697.D

Acq: 12 Sep 2015 00:41

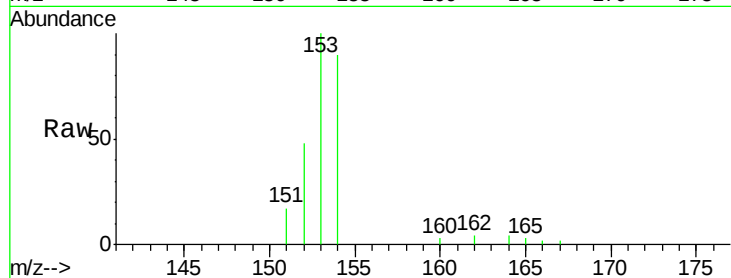
Tot Ion:153 Resp: 5903

Ion Ratio Lower Upper

153 100

152 48.2 42.3 63.5

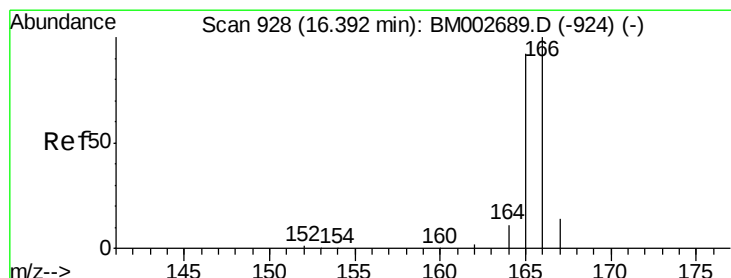
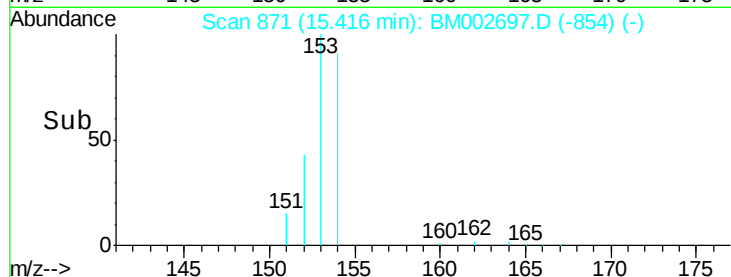
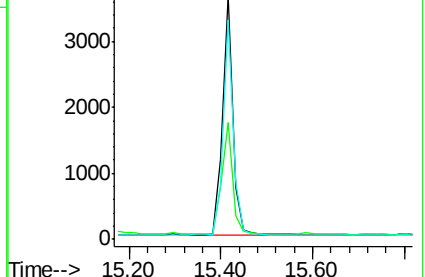
154 90.2 64.7 97.1



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: BM002697.D

Acq: 12 Sep 2015 00:41

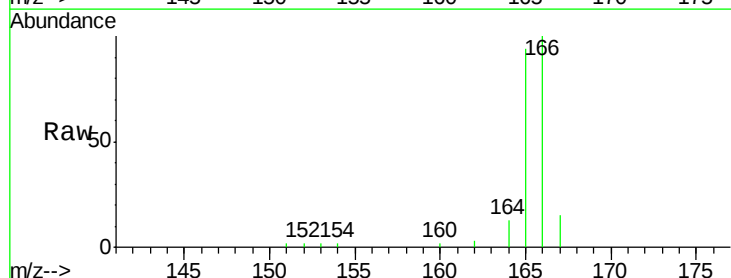
Tgt Ion:166 Resp: 5997

Ion Ratio Lower Upper

166 100

165 93.9 87.6 131.4

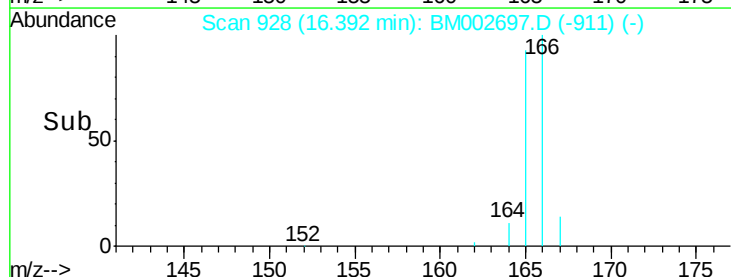
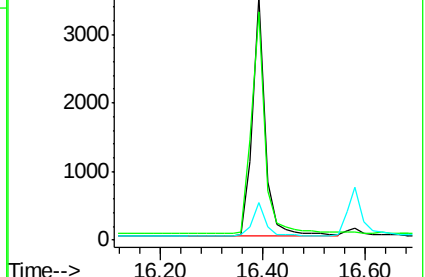
167 15.4 11.1 16.7

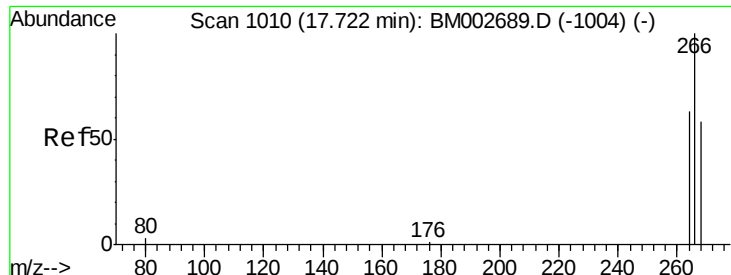


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

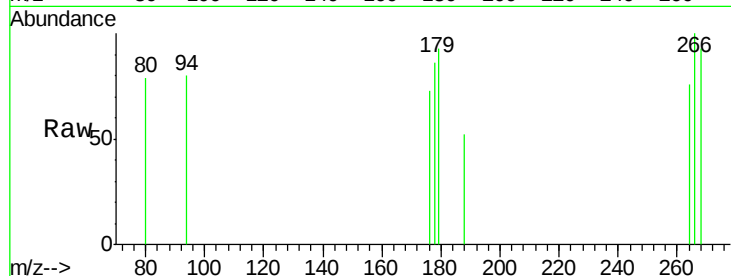
Ion 167.00 (166.70 to 167.70): E



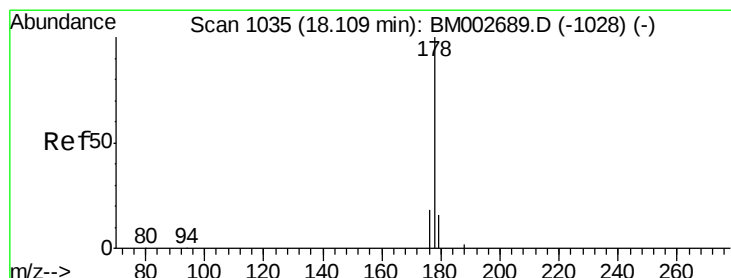
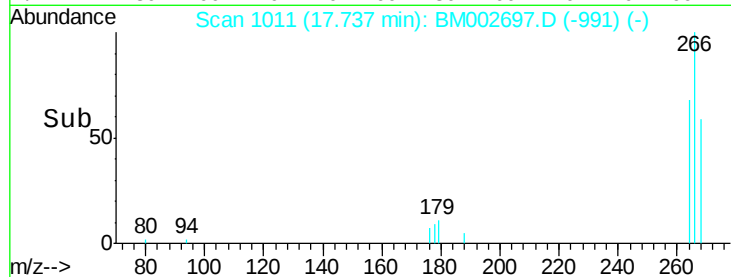
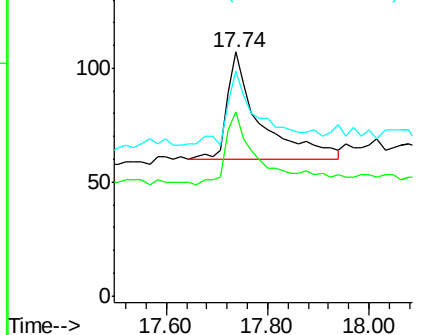


#13
 Pentachlorophenol
 Concen: 0.08 ng/ul
 RT: 17.74 min Scan# 1011
 Delta R.T. 0.02 min
 Lab File: BM002697.D
 Acq: 12 Sep 2015 00:41

Tot Ion:266 Resp: 213
 Ion Ratio Lower Upper
 266 100
 264 71.4 53.5 80.3
 268 73.2 54.2 81.2

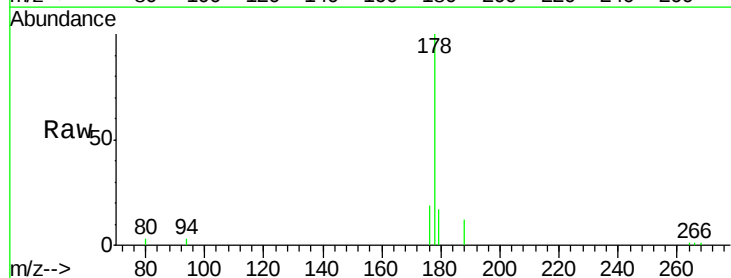


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

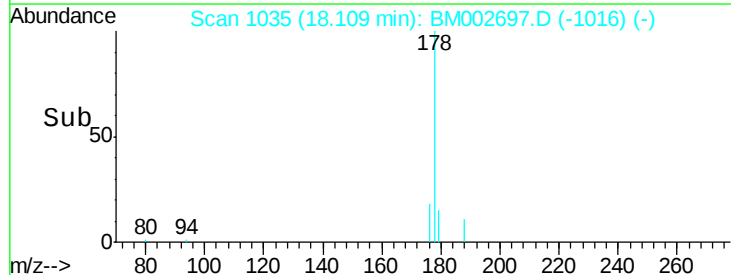
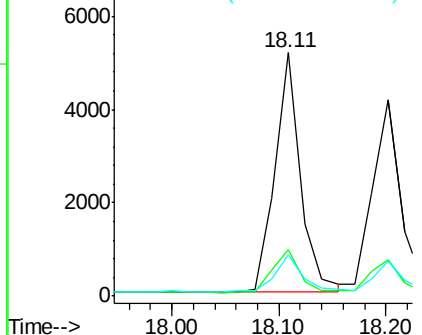


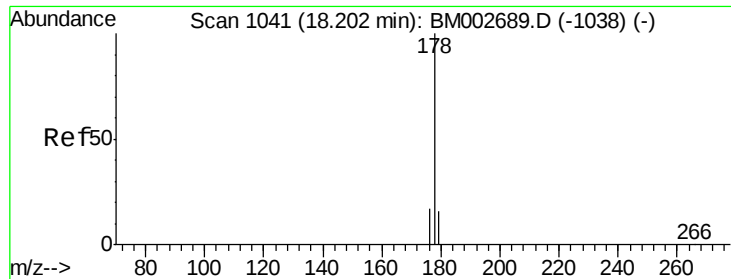
#14
 Phenanthrene
 Concen: 0.11 ng/ul
 RT: 18.11 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BM002697.D
 Acq: 12 Sep 2015 00:41

Tgt Ion:178 Resp: 8478
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.4
 179 16.9 12.8 19.2



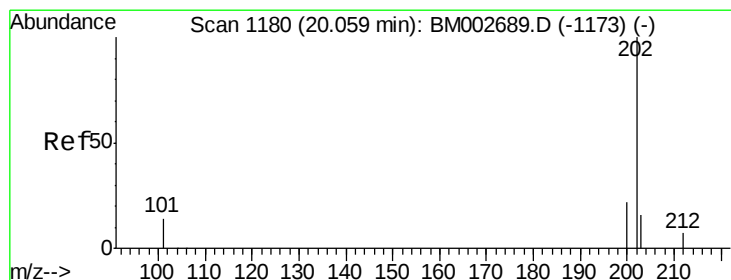
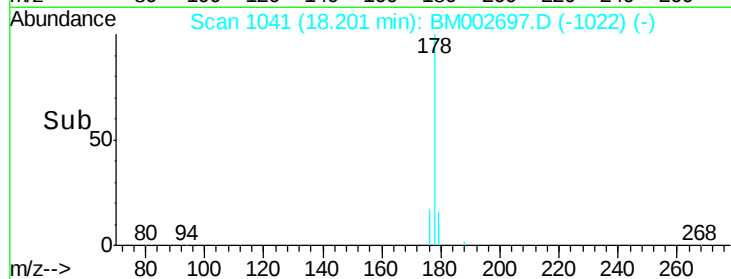
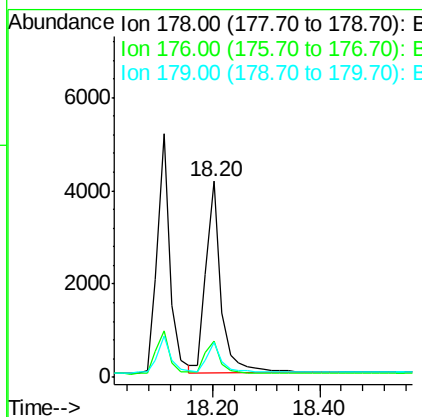
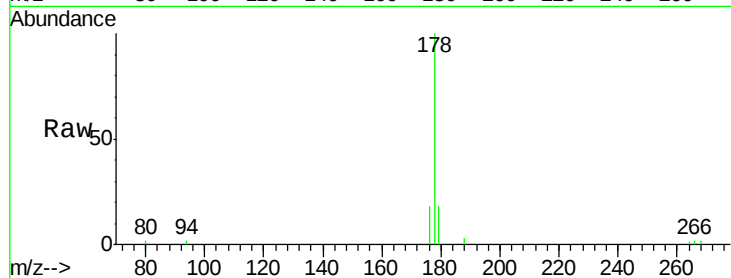
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





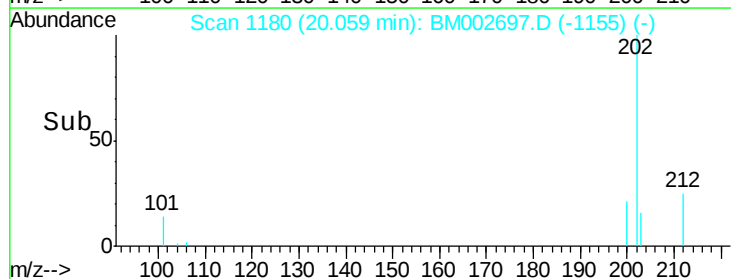
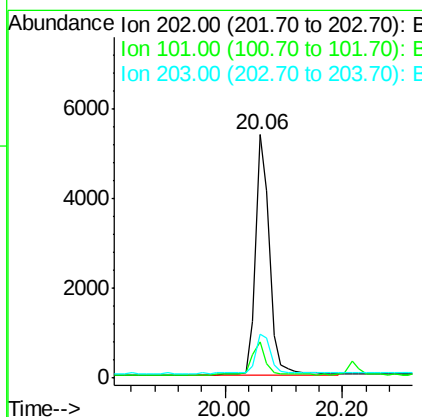
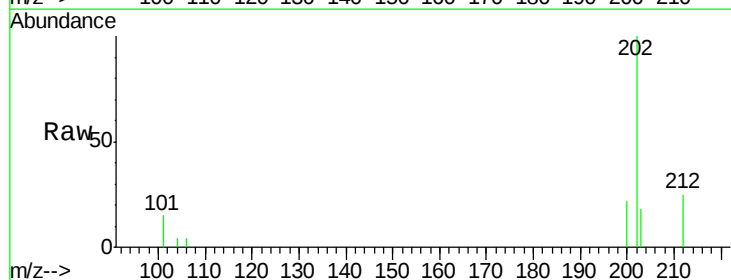
#15
 Anthracene
 Concen: 0.10 ng/ul
 RT: 18.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BM002697.D
 Acq: 12 Sep 2015 00:41

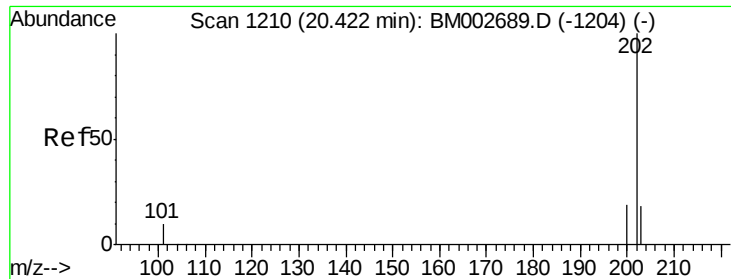
Tot Ion:178 Resp: 8035
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 17.9 13.3 19.9



#17
 Fluoranthene
 Concen: 0.11 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BM002697.D
 Acq: 12 Sep 2015 00:41

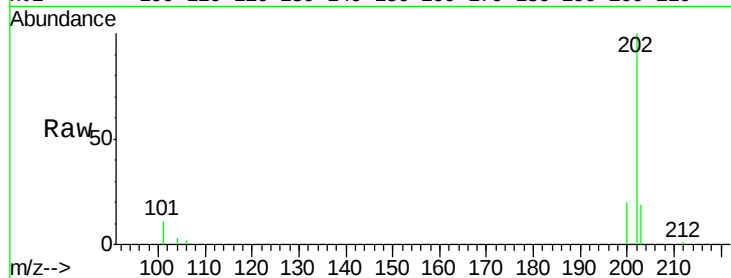
Tgt Ion:202 Resp: 8916
 Ion Ratio Lower Upper
 202 100
 101 14.7 0.0 33.1
 203 17.8 0.0 37.2





#19
Pvrene
Concen: 0.10 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM002697.D
Acq: 12 Sep 2015 00:41

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.0	27.0
203	19.2	13.8	20.6

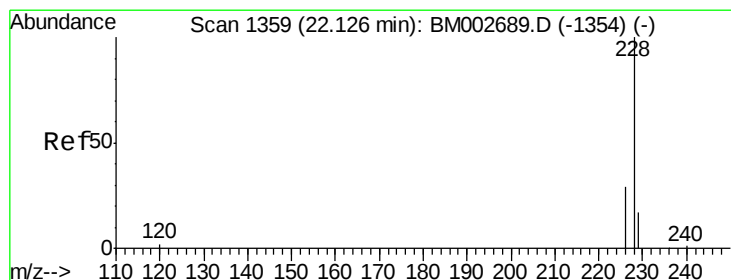
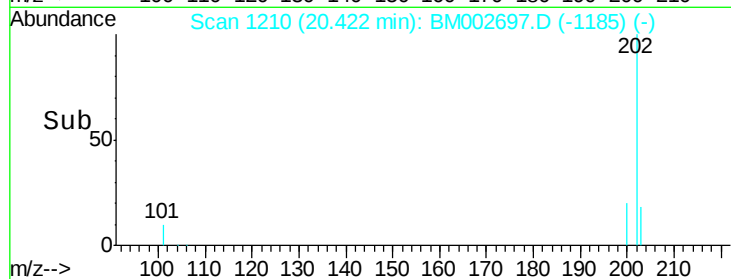
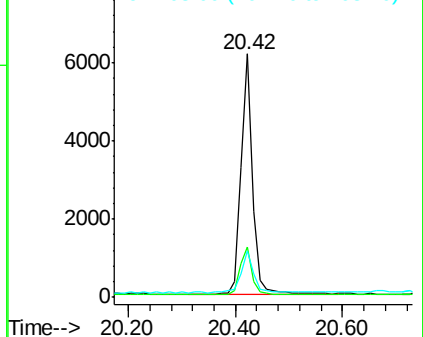


Abundance

Ion 202.00 (201.70 to 202.70): E

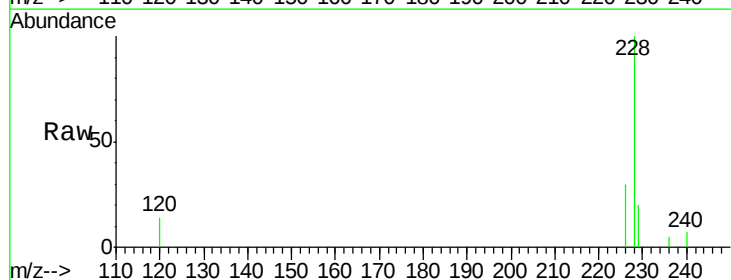
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 22.13 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM002697.D
Acq: 12 Sep 2015 00:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.4
229	20.1	15.2	22.8

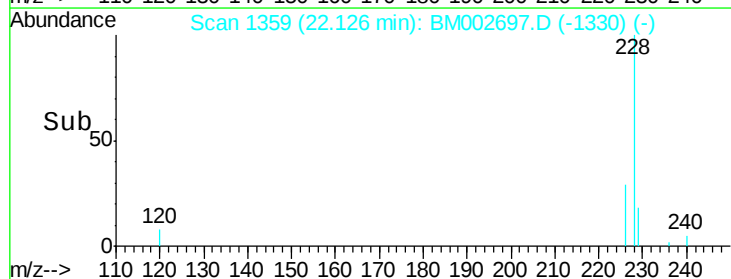
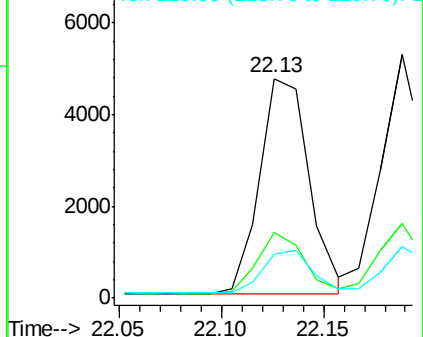


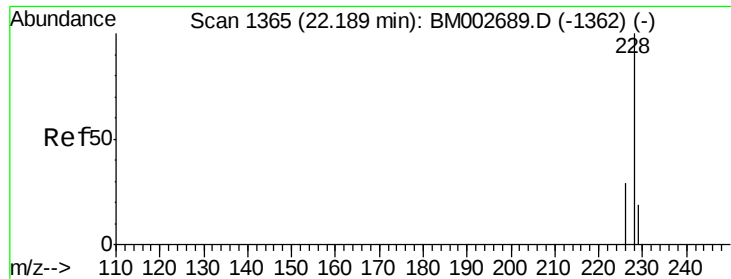
Abundance

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





#21

Chrysene

Concen: 0.11 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BM002697.D

Acq: 12 Sep 2015 00:41

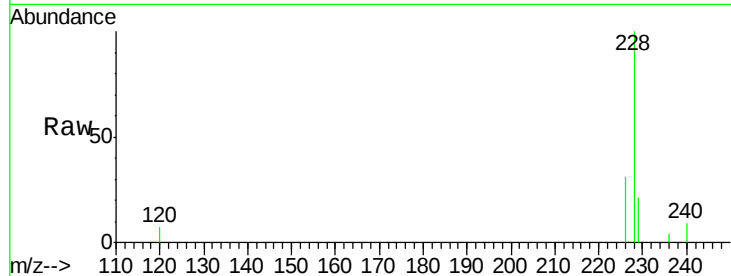
Tot Ion:228 Resp: 8314

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

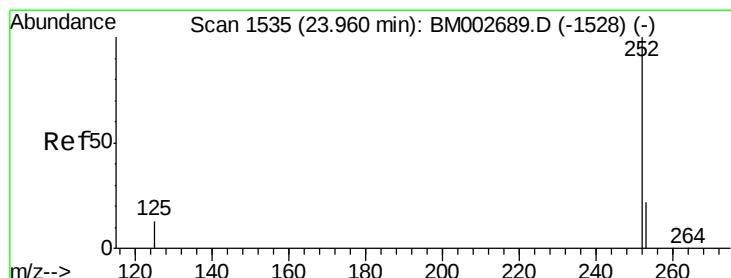
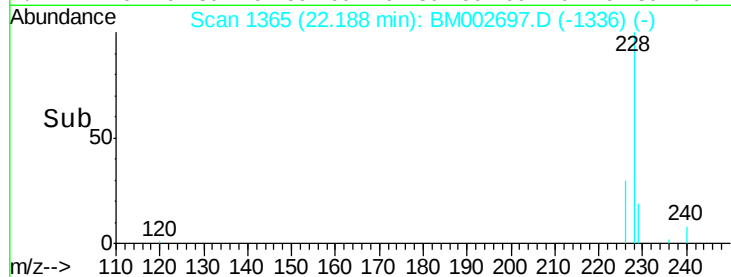
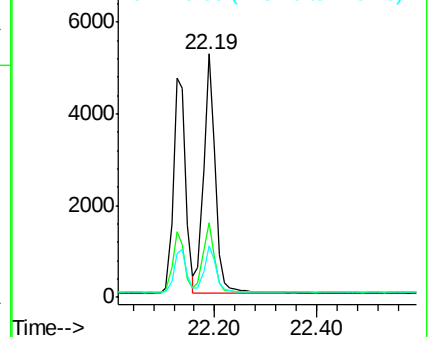
229 21.0 15.2 22.8



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: 0.10 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM002697.D

Acq: 12 Sep 2015 00:41

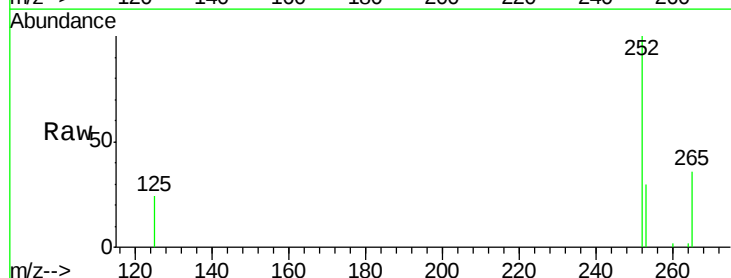
Tgt Ion:252 Resp: 8237

Ion Ratio Lower Upper

252 100

253 29.7 0.0 48.0

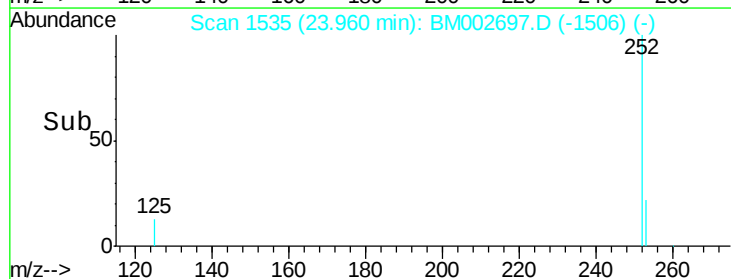
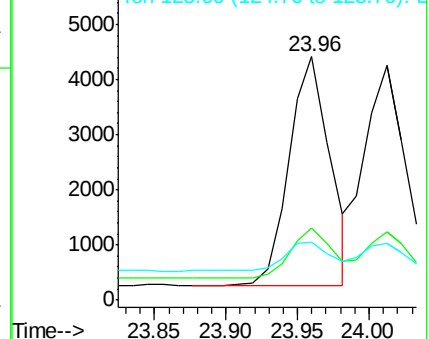
125 24.1 0.0 36.6

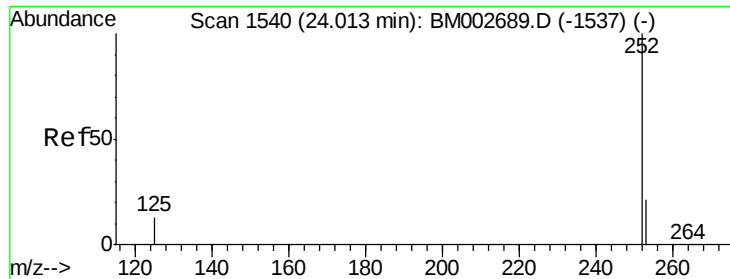


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

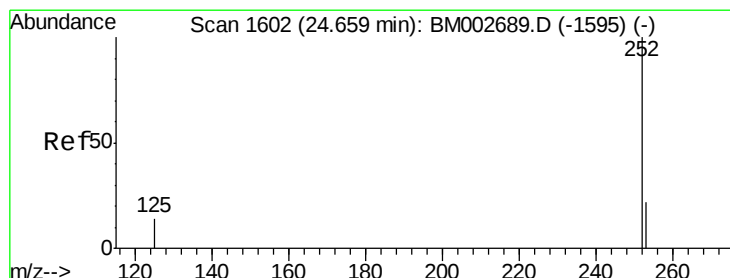
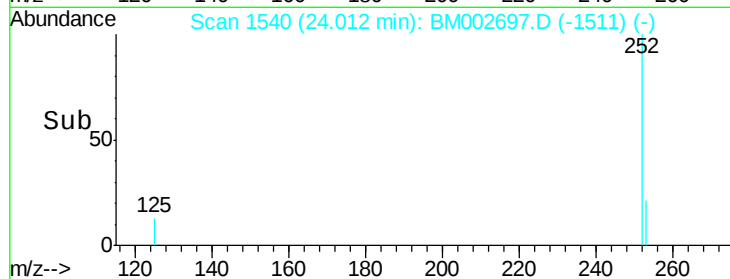
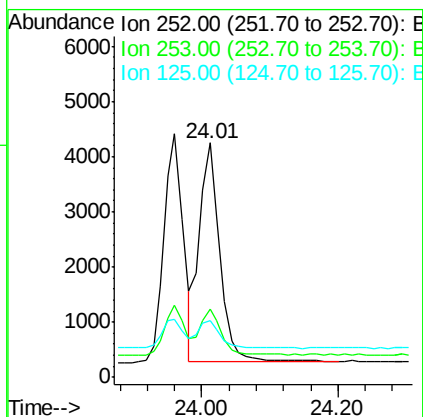
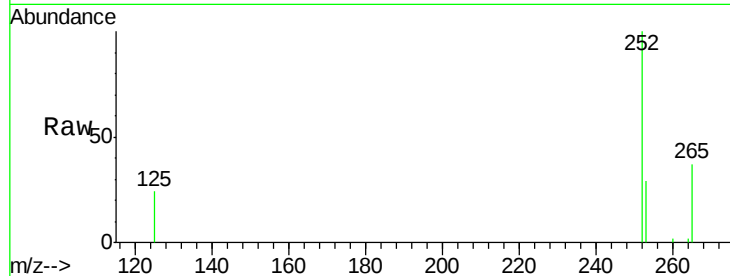
Ion 125.00 (124.70 to 125.70): E





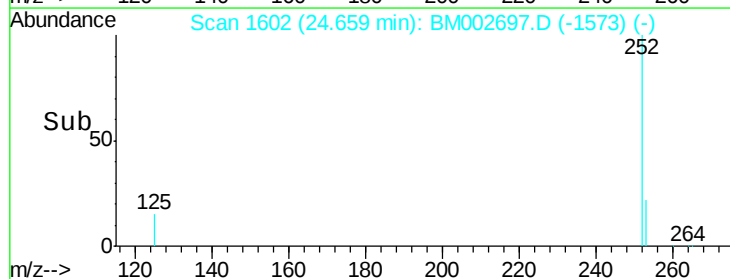
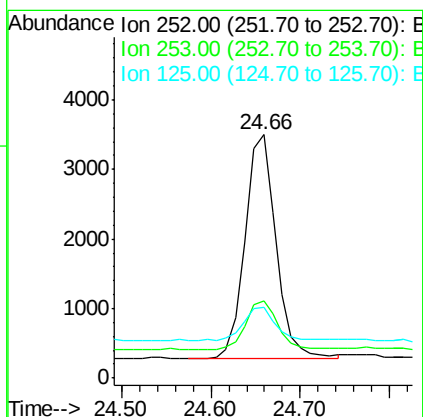
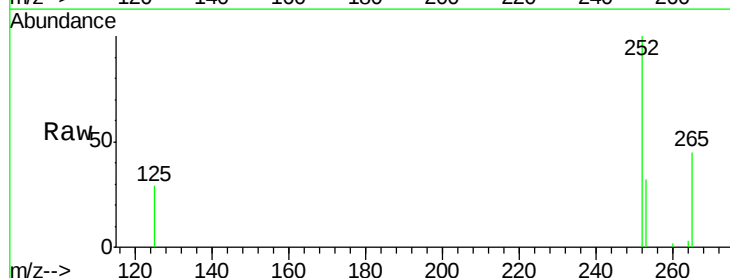
#24
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 24.01 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BM002697.D
Acq: 12 Sep 2015 00:41

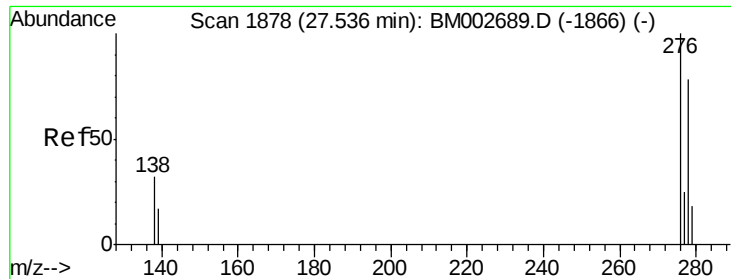
Tot Ion:252 Resp: 8381
Ion Ratio Lower Upper
252 100
253 29.4 20.8 31.2
125 24.4 12.2 18.4#



#25
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM002697.D
Acq: 12 Sep 2015 00:41

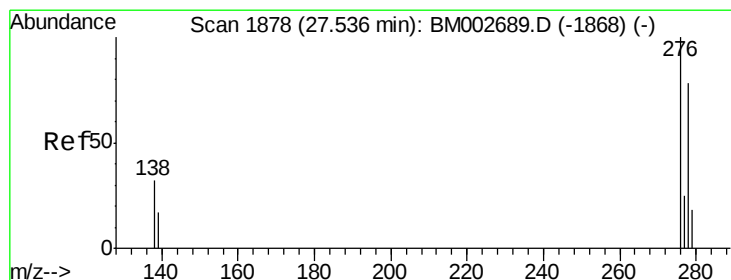
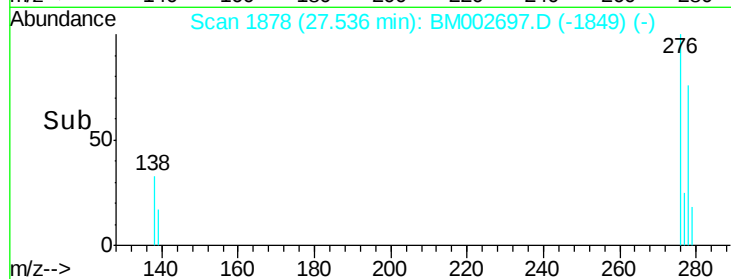
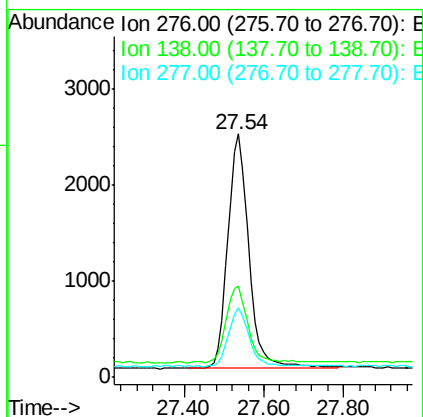
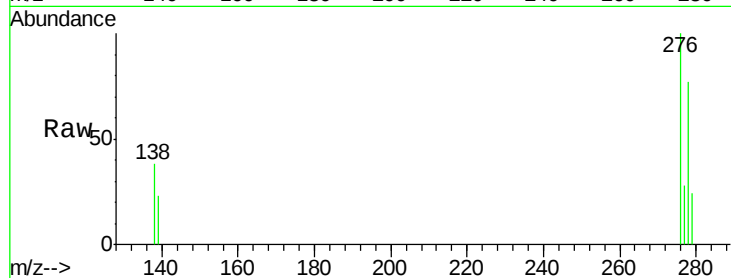
Tgt Ion:252 Resp: 7759
Ion Ratio Lower Upper
252 100
253 32.0 21.8 32.8
125 28.8 14.5 21.7#





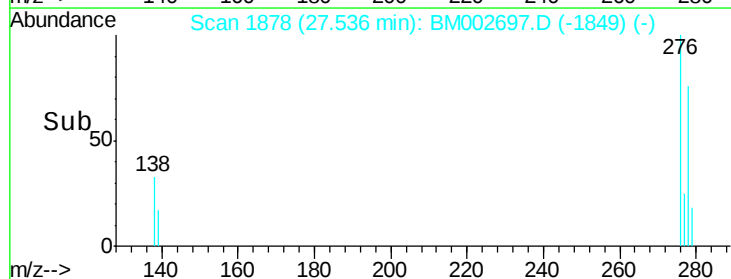
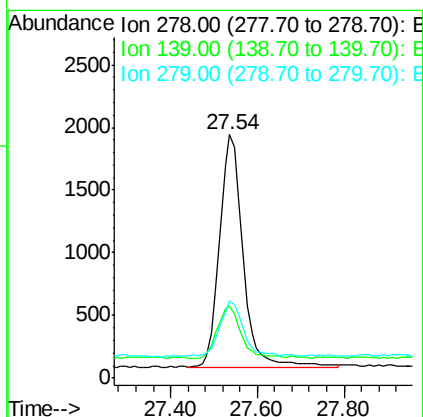
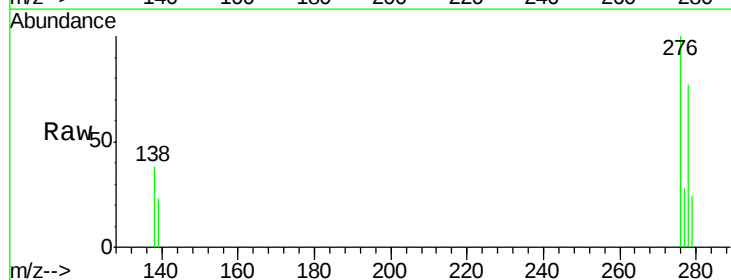
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.10 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BM002697.D
 Acq: 12 Sep 2015 00:41

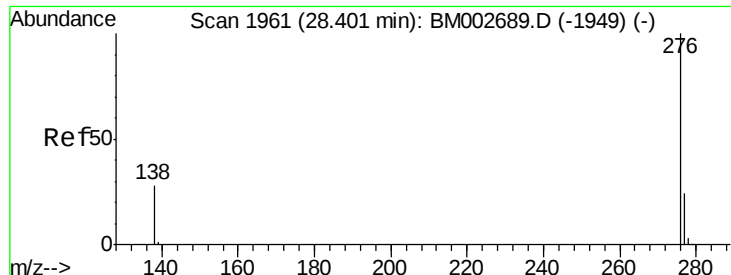
Tot Ion:276 Resp: 9042
 Ion Ratio Lower Upper
 276 100
 138 33.1 27.5 41.3
 277 24.9 19.3 28.9



#27
 Dibenzo(a,h)anthracene
 Concen: 0.10 ng/ul
 RT: 27.54 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BM002697.D
 Acq: 12 Sep 2015 00:41

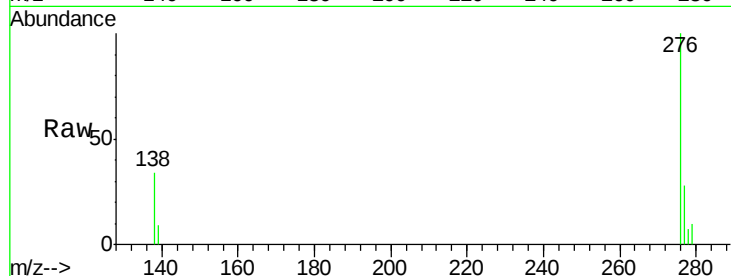
Tgt Ion:278 Resp: 6914
 Ion Ratio Lower Upper
 278 100
 139 29.5 21.7 32.5
 279 31.5 21.9 32.9





#28
 Benzo(a,h,i)perylene
 Concen: 0.11 ng/ul
 RT: 28.40 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM002697.D
 Acq: 12 Sep 2015 00:41

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.5	21.3	31.9
138	34.0	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

