

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010815\
 Data File : BM000151.D
 Acq On : 08 Jan 2015 20:16
 Operator : TP/IZ
 Sample : MDL-06-W
 Misc : MDL-WATER-0.15PPM-SIM
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jan 09 00:54:00 2015

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jan 08 10:41:47 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2846	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	9316	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.47	164	5811	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11031	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	9511	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	8652	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.22	152	4985	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	8186	0.34	ng/ul	0.00

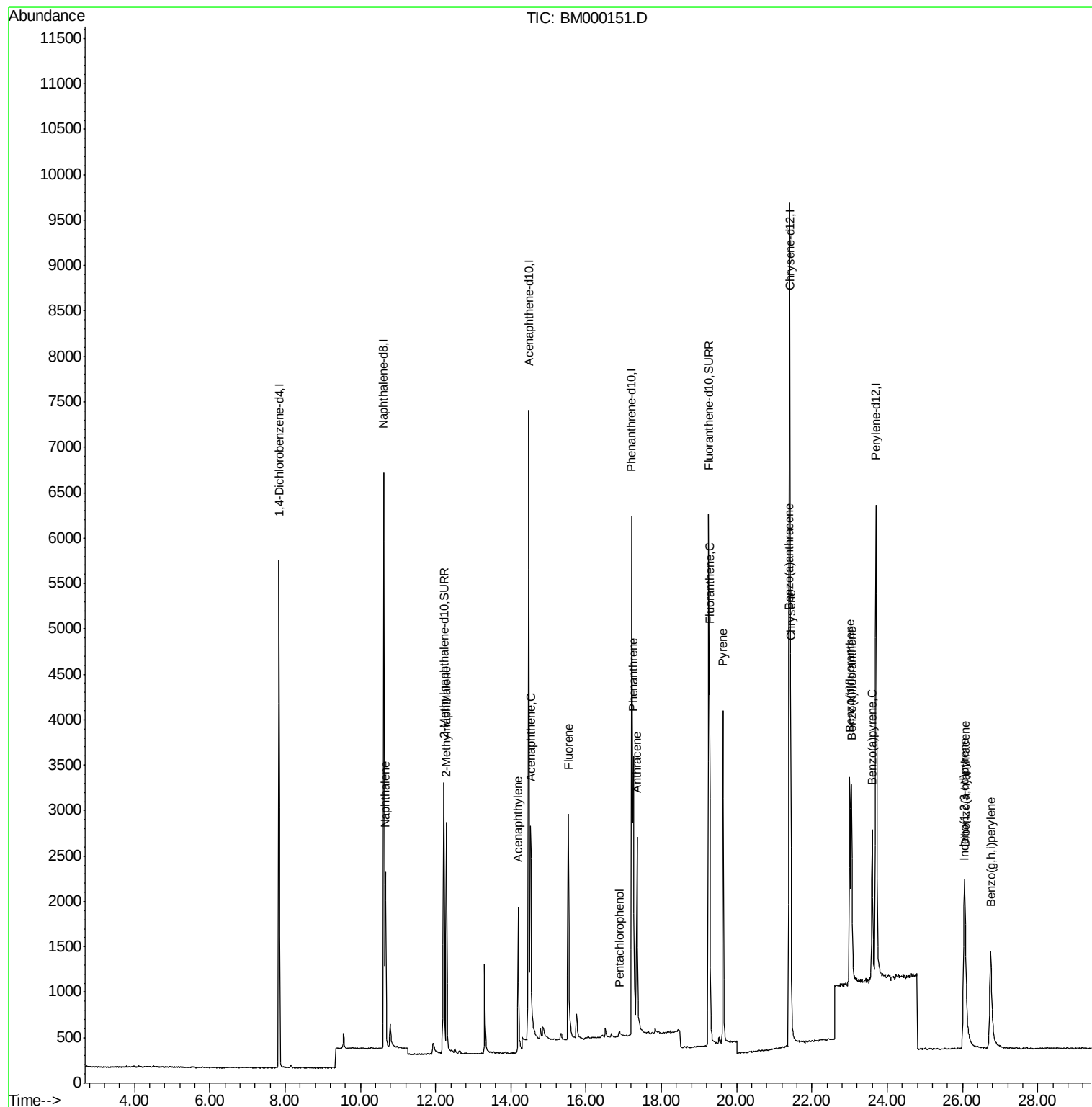
Target Compounds

						Qvalue
3) Naphthalene	10.67	128	2822	0.11	ng/ul#	94
5) 2-Methylnaphthalene	12.28	142	1857	0.11	ng/ul	99
7) Acenaphthylene	14.20	152	3077	0.11	ng/ul#	94
8) Acenaphthene	14.52	153	1927	0.11	ng/ul#	83
9) Fluorene	15.52	166	2296	0.11	ng/ul#	98
11) Pentachlorophenol	16.89	266	106	0.06	ng/ul#	91
12) Phenanthrene	17.26	178	3605	0.11	ng/ul	94
13) Anthracene	17.35	178	3378	0.11	ng/ul	95
15) Fluoranthene	19.27	202	4194	0.11	ng/ul	98
17) Pyrene	19.64	202	4294	0.11	ng/ul	97
18) Benzo(a)anthracene	21.39	228	3403	0.11	ng/ul	96
19) Chrysene	21.44	228	3640	0.11	ng/ul	97
21) Benzo(b)fluoranthene	23.00	252	3341	0.10	ng/ul	86
22) Benzo(k)fluoranthene	23.05	252	3725	0.11	ng/ul#	86
23) Benzo(a)pyrene	23.60	252	3129	0.10	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.03	276	3731	0.11	ng/ul	99
25) Dibenzo(a,h)anthracene	26.07	278	2992	0.11	ng/ul#	83
26) Benzo(g,h,i)perylene	26.74	276	3366	0.11	ng/ul	93

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

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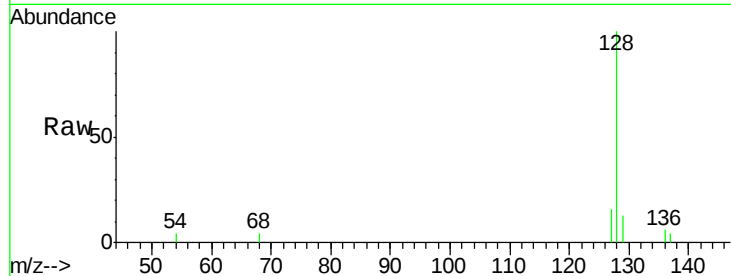
Quant Time: Jan 09 00:54:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M
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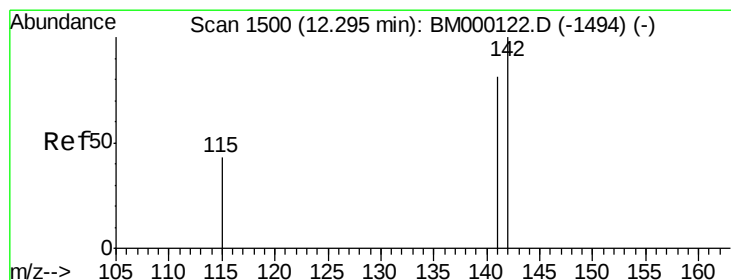
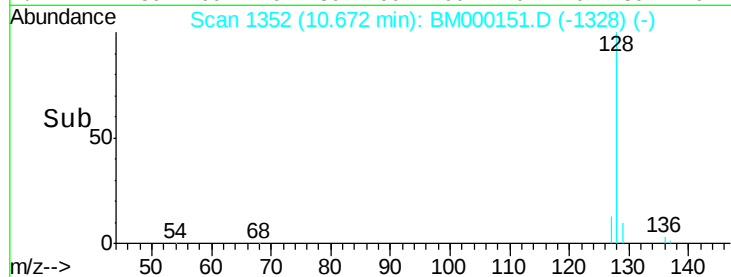
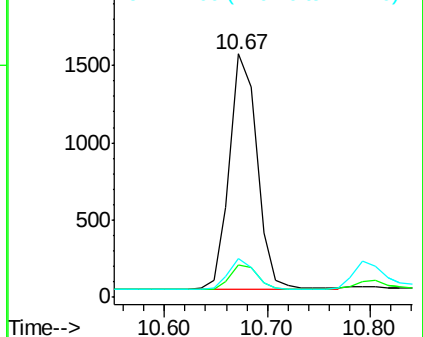


#3
Naphthalene
Concen: 0.11 ng/ul
RT: 10.67 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM000151.D
Acq: 08 Jan 2015 20:16

Tgt Ion:128 Resp: 2822
Ion Ratio Lower Upper
128 100
129 13.5 9.5 14.3
127 15.8 10.4 15.6#

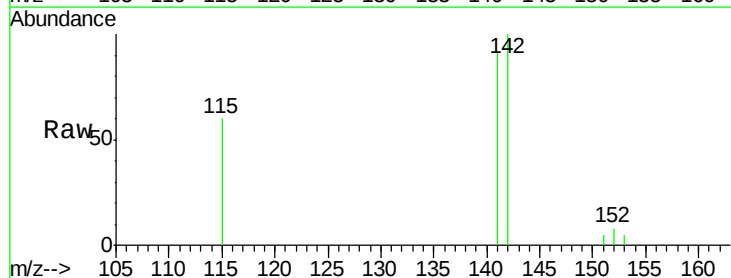


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

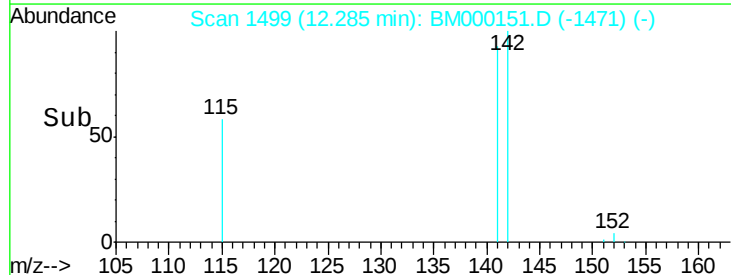
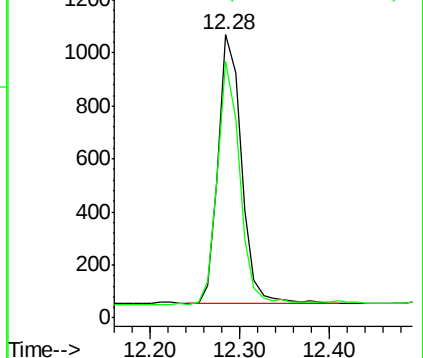


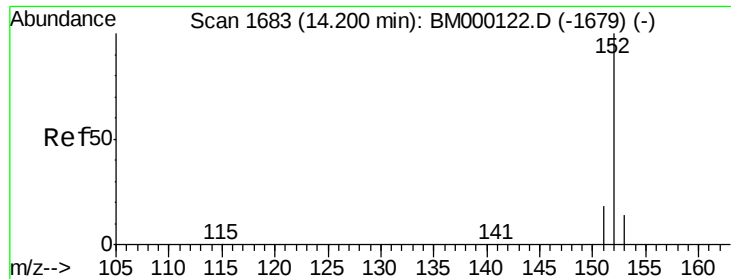
#5
2-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 12.28 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM000151.D
Acq: 08 Jan 2015 20:16

Tgt Ion:142 Resp: 1857
Ion Ratio Lower Upper
142 100
141 86.8 68.9 103.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.11 ng/ul

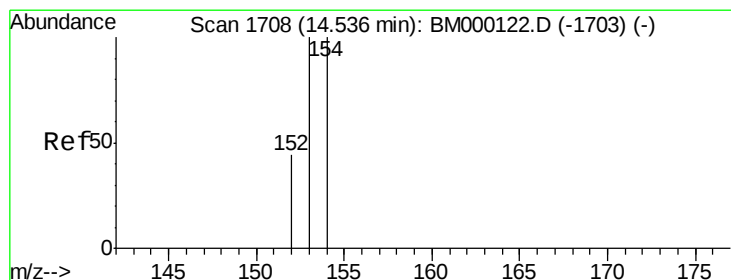
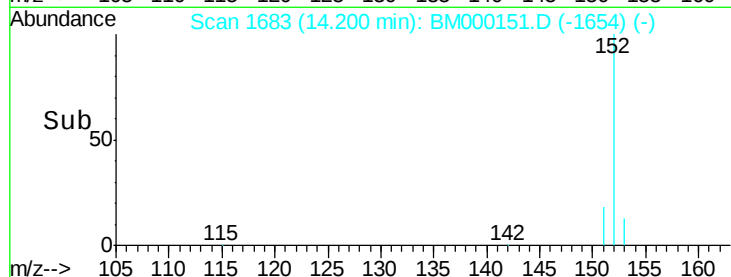
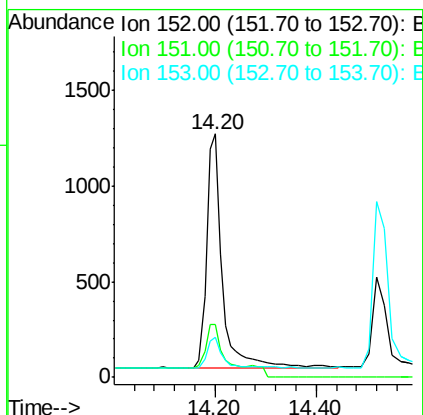
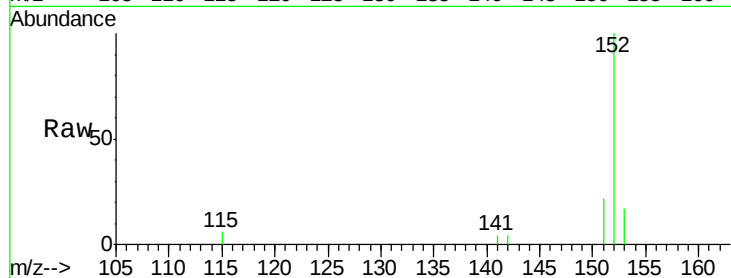
RT: 14.20 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BM000151.D

Acq: 08 Jan 2015 20:16

Tgt Ion:	152	Resp:	3077
Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.4	23.2
153	16.7	11.0	16.4#



#8

Acenaphthene

Concen: 0.11 ng/ul

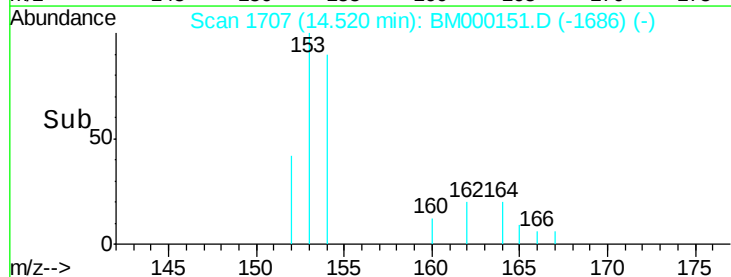
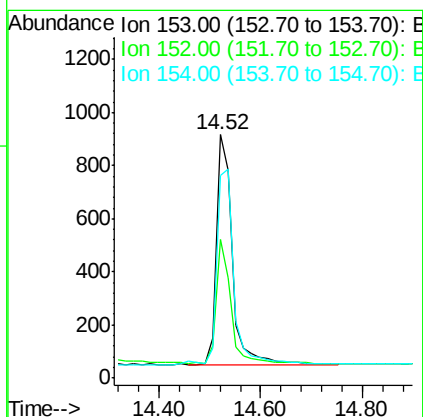
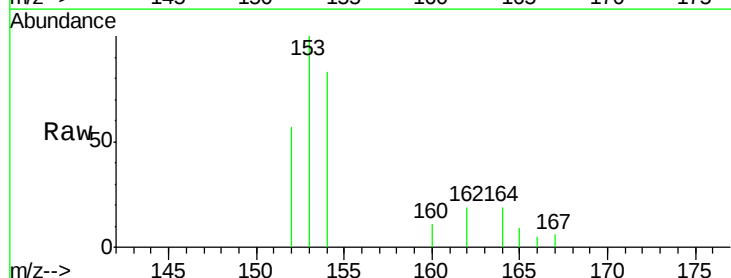
RT: 14.52 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BM000151.D

Acq: 08 Jan 2015 20:16

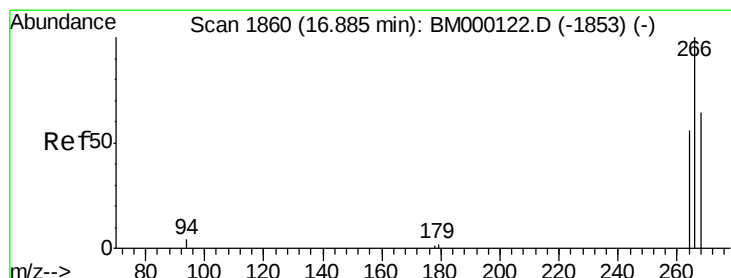
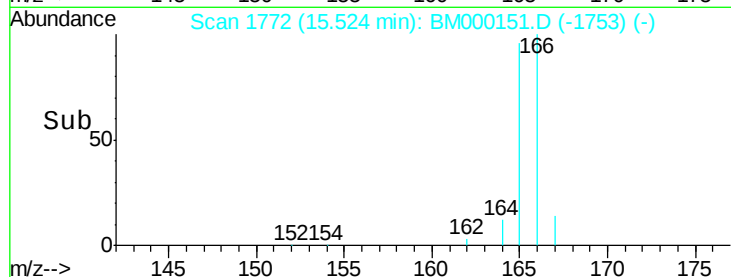
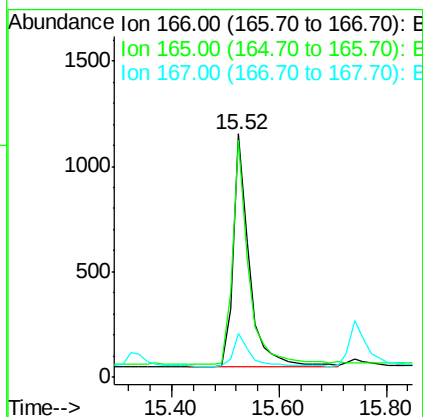
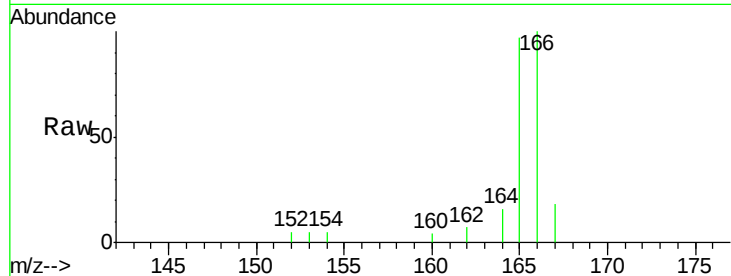
Tgt Ion:	153	Resp:	1927
Ion	Ratio	Lower	Upper
153	100		
152	56.8	35.8	53.6#
154	83.2	79.9	119.9





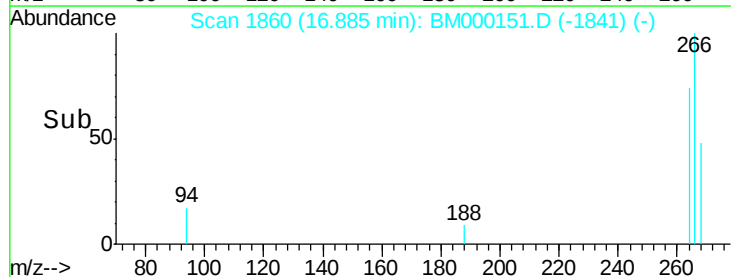
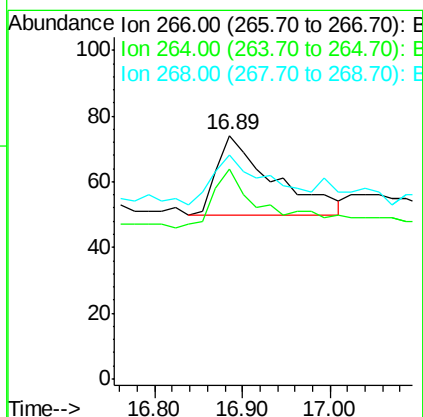
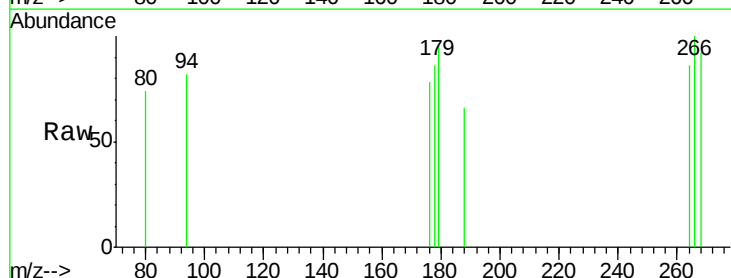
#9
Fluorene
 Concen: 0.11 ng/ul
 RT: 15.52 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BM000151.D
 Acq: 08 Jan 2015 20:16

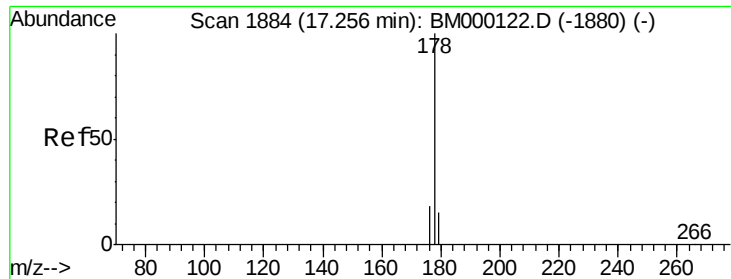
Tgt Ion:166 Resp: 2296
 Ion Ratio Lower Upper
 166 100
 165 97.3 77.0 115.4
 167 17.8 11.0 16.6#



#11
Pentachlorophenol
 Concen: 0.06 ng/ul
 RT: 16.89 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM000151.D
 Acq: 08 Jan 2015 20:16

Tgt Ion:266 Resp: 106
 Ion Ratio Lower Upper
 266 100
 264 81.1 53.9 80.9#
 268 62.3 49.2 73.8





#12

Phenanthrene

Concen: 0.11 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000151.D

Acq: 08 Jan 2015 20:16

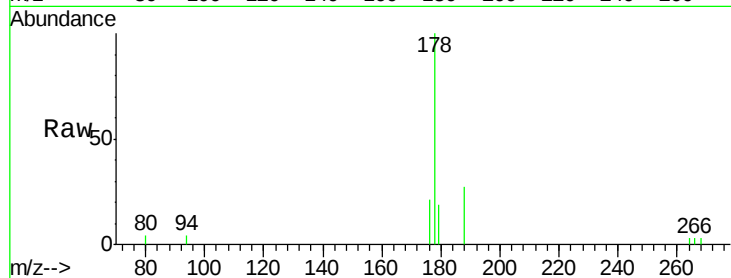
Tgt Ion:178 Resp: 3605

Ion Ratio Lower Upper

178 100

176 21.2 15.1 22.7

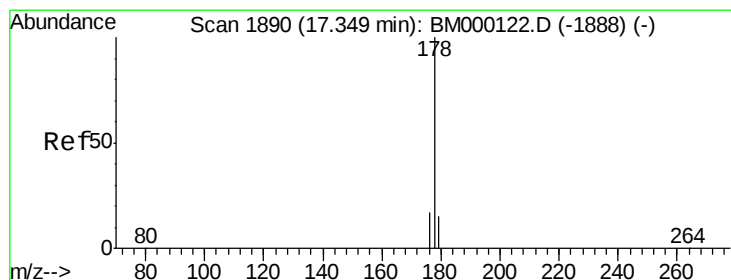
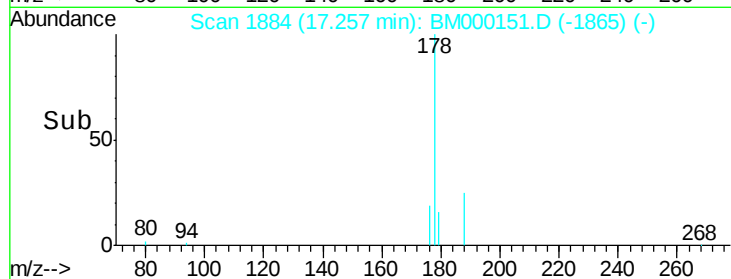
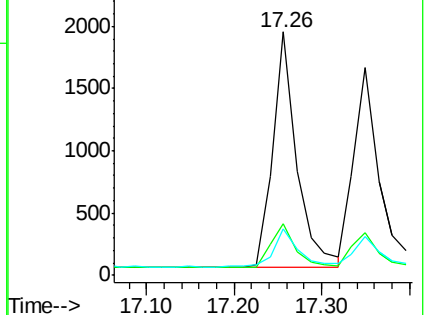
179 18.9 13.0 19.4



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



#13

Anthracene

Concen: 0.11 ng/ul

RT: 17.35 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM000151.D

Acq: 08 Jan 2015 20:16

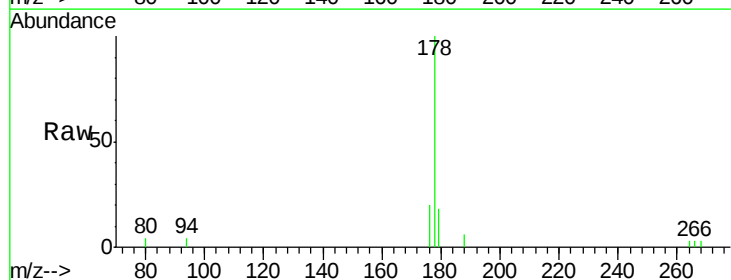
Tgt Ion:178 Resp: 3378

Ion Ratio Lower Upper

178 100

176 20.3 14.6 21.8

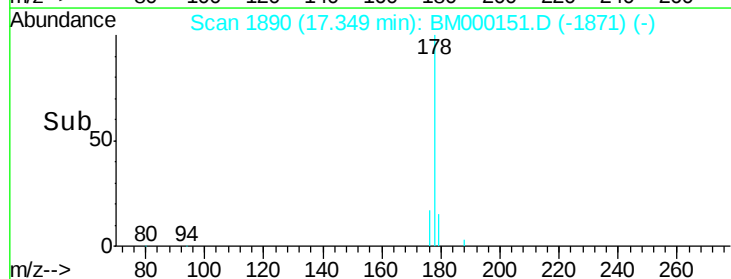
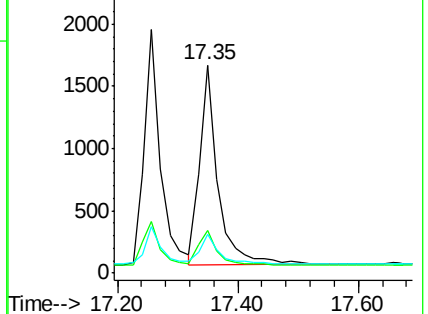
179 18.5 13.1 19.7

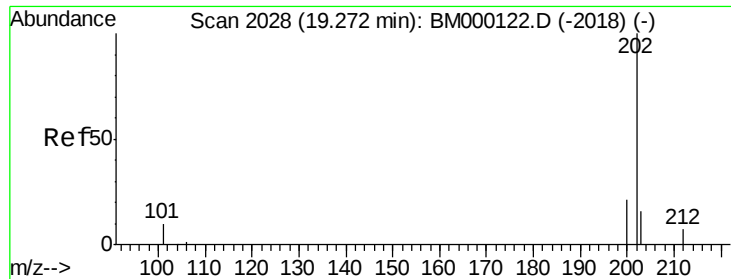


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

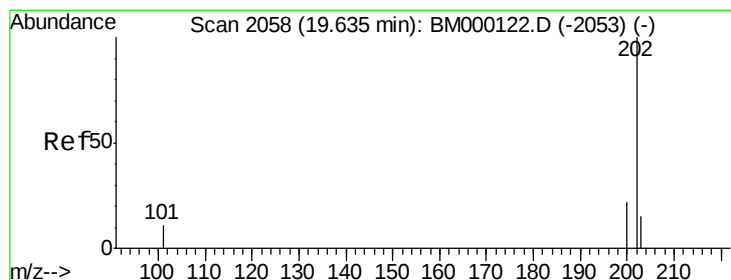
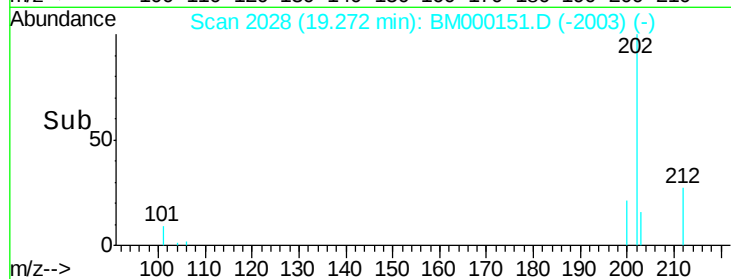
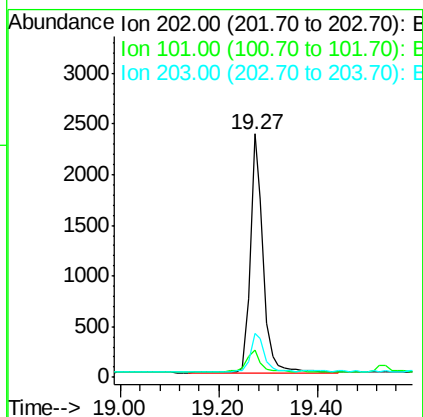
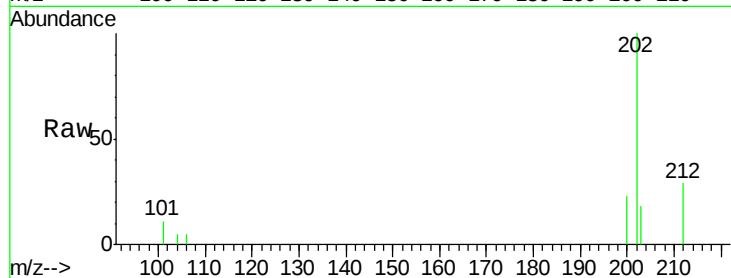
Ion 179.00 (178.70 to 179.70): E





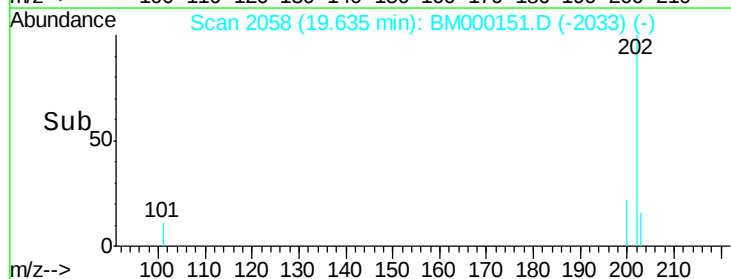
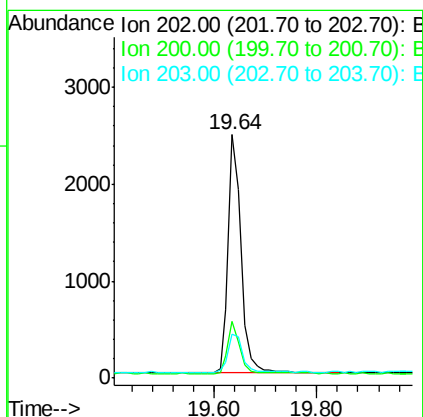
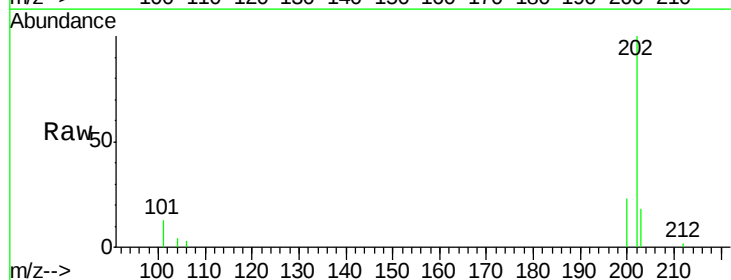
#15
 Fluoranthene
 Concen: 0.11 ng/ul
 RT: 19.27 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BM000151.D
 Acq: 08 Jan 2015 20:16

Tgt Ion:202 Resp: 4194
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.5
 203 17.9 0.0 36.6



#17
 Pyrene
 Concen: 0.11 ng/ul
 RT: 19.64 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BM000151.D
 Acq: 08 Jan 2015 20:16

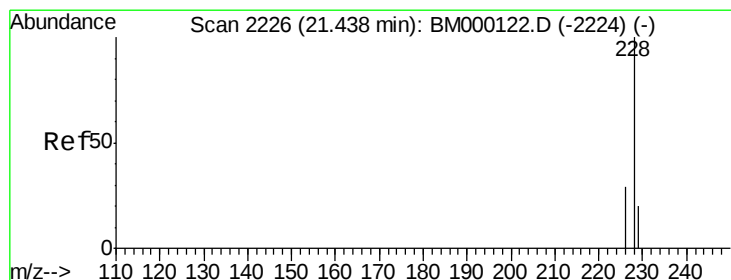
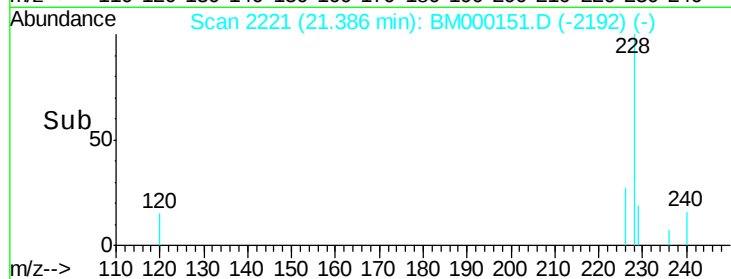
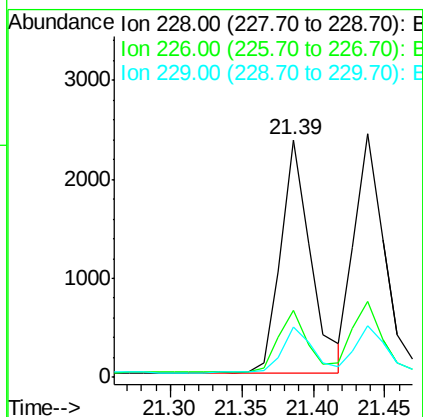
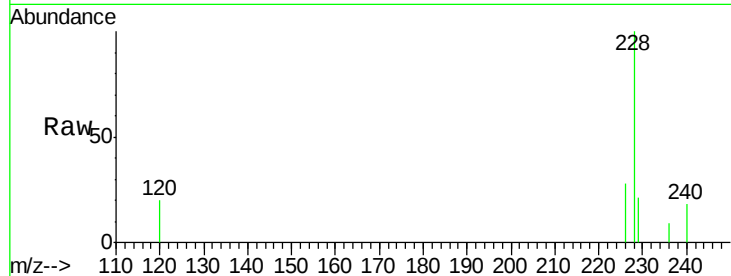
Tgt Ion:202 Resp: 4294
 Ion Ratio Lower Upper
 202 100
 200 23.4 17.9 26.9
 203 18.1 12.8 19.2





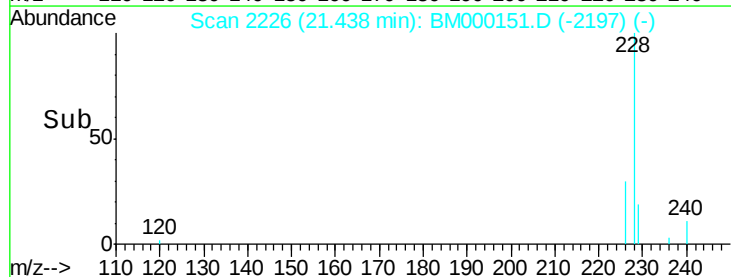
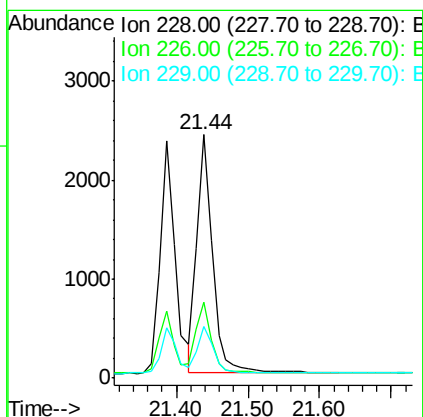
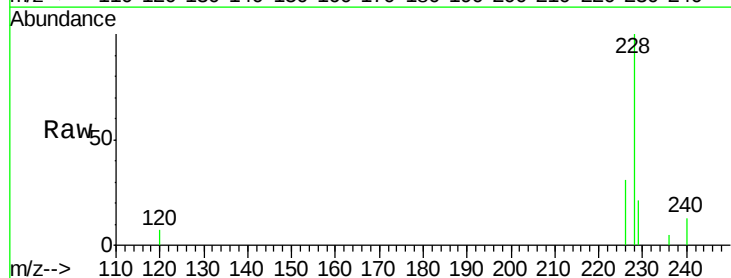
#18
Benzo(a)anthracene
Concen: 0.11 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BM000151.D
Acq: 08 Jan 2015 20:16

Tgt Ion:228 Resp: 3403
Ion Ratio Lower Upper
228 100
226 28.1 20.8 31.2
229 20.9 15.5 23.3



#19
Chrysene
Concen: 0.11 ng/ul
RT: 21.44 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BM000151.D
Acq: 08 Jan 2015 20:16

Tgt Ion:228 Resp: 3640
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.6
229 21.1 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 0.10 ng/ul

RT: 23.00 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM000151.D

Acq: 08 Jan 2015 20:16

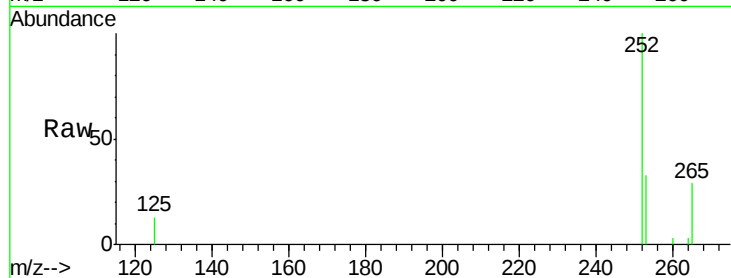
Tgt Ion:252 Resp: 3341

Ion Ratio Lower Upper

252 100

253 32.9 0.0 48.2

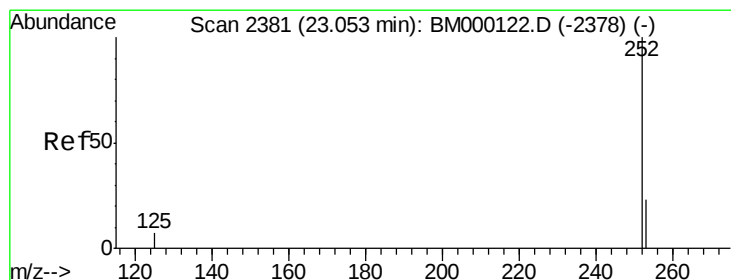
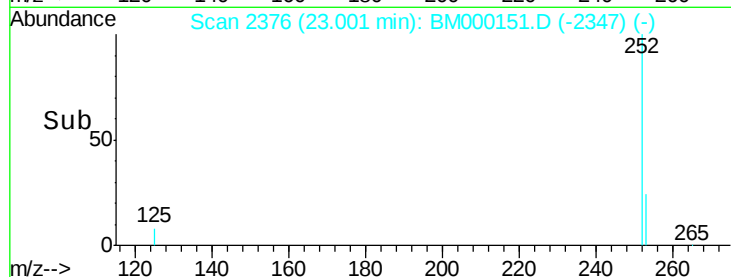
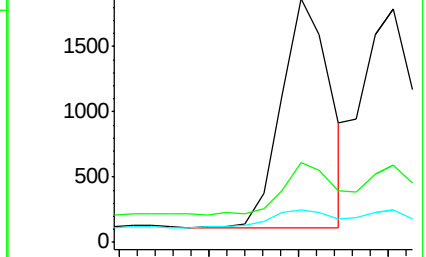
125 13.1 0.0 21.6



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



#22

Benzo(k)fluoranthene

Concen: 0.11 ng/ul

RT: 23.05 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM000151.D

Acq: 08 Jan 2015 20:16

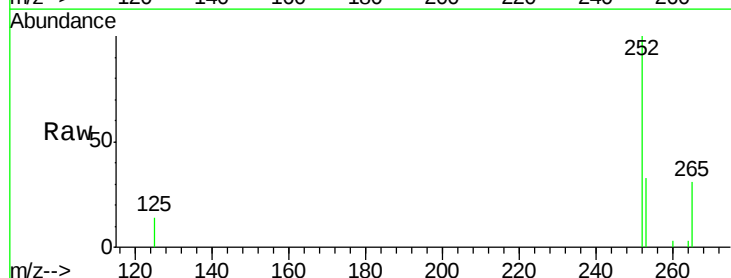
Tgt Ion:252 Resp: 3725

Ion Ratio Lower Upper

252 100

253 33.2 20.5 30.7#

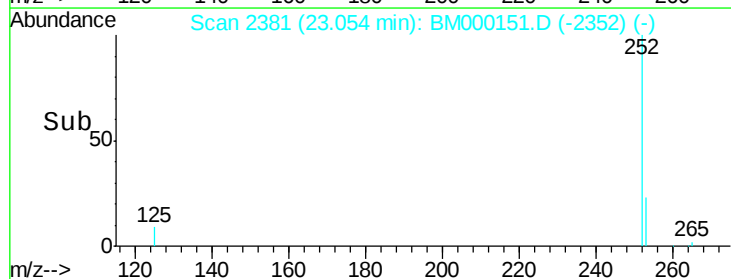
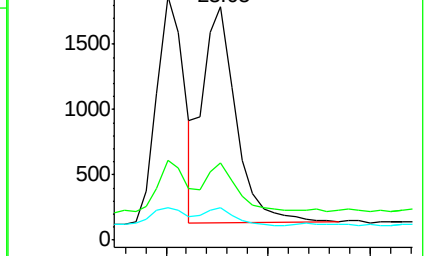
125 14.0 7.8 11.8#



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





#23

Benzo(a)pyrene

Concen: 0.10 ng/ul

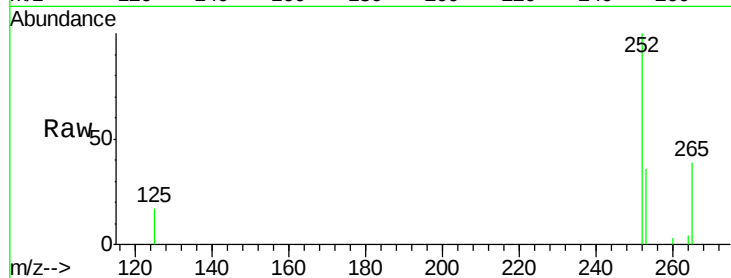
RT: 23.60 min Scan# 2433

Delta R.T. 0.00 min

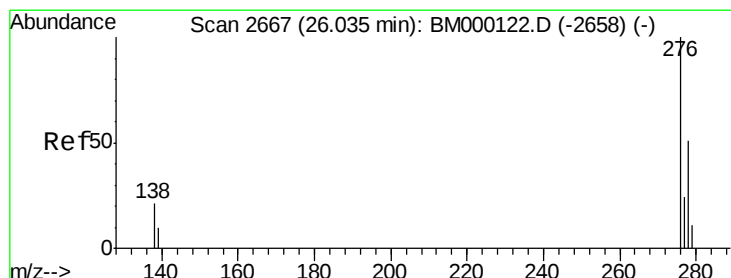
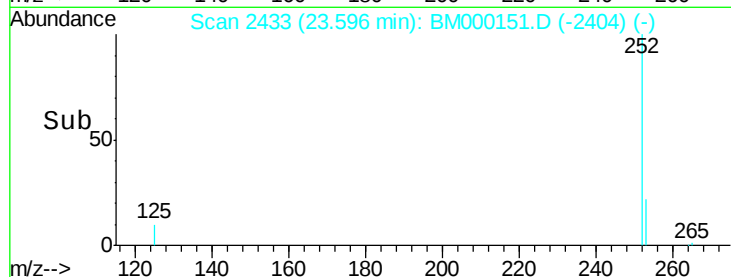
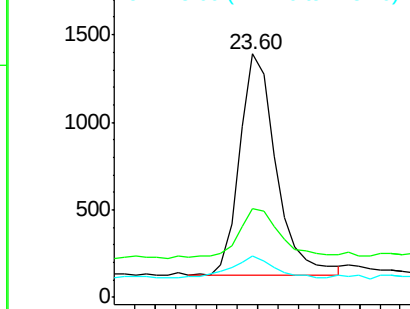
Lab File: BM000151.D

Acq: 08 Jan 2015 20:16

Tgt Ion:	252	Resp:	3129
Ion	Ratio	Lower	Upper
252	100		
253	36.3	19.8	29.6#
125	17.0	9.2	13.8#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.11 ng/ul

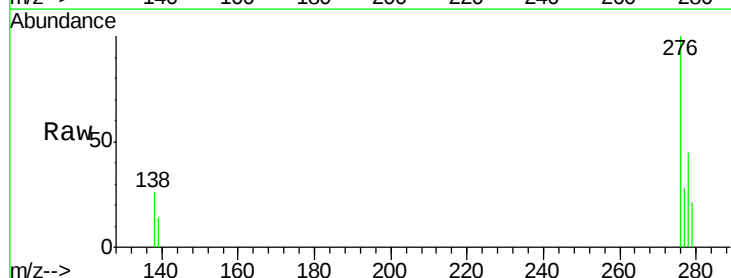
RT: 26.03 min Scan# 2667

Delta R.T. 0.00 min

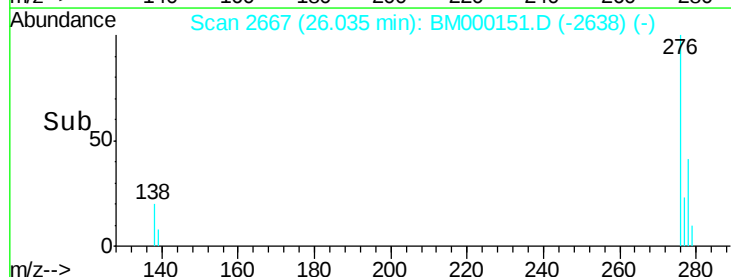
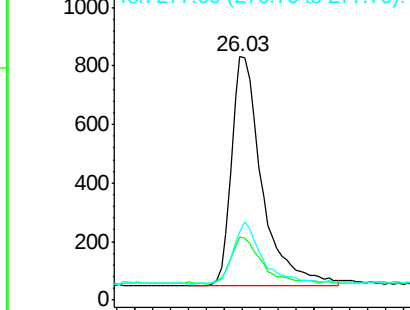
Lab File: BM000151.D

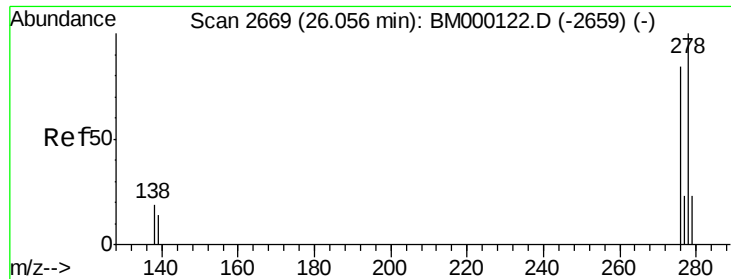
Acq: 08 Jan 2015 20:16

Tgt Ion:	276	Resp:	3731
Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.6	26.4
277	25.2	19.9	29.9



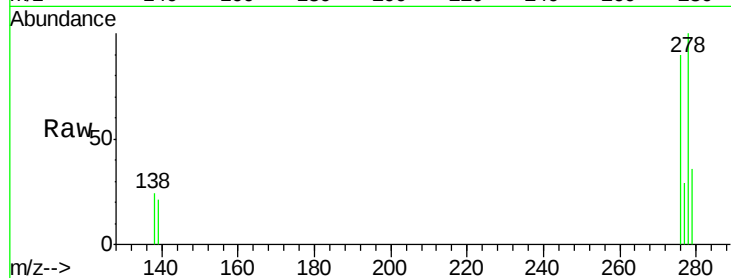
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



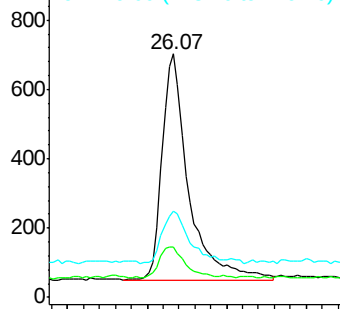


#25
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 26.07 min Scan# 2670
Delta R.T. 0.01 min
Lab File: BM000151.D
Acq: 08 Jan 2015 20:16

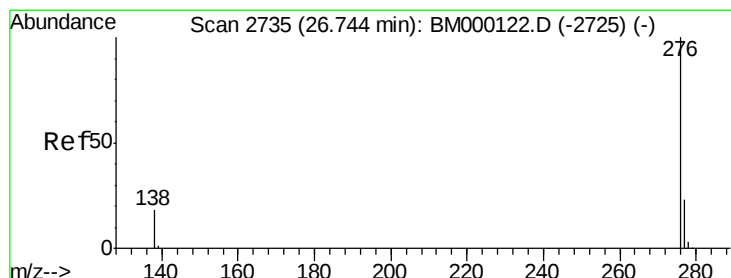
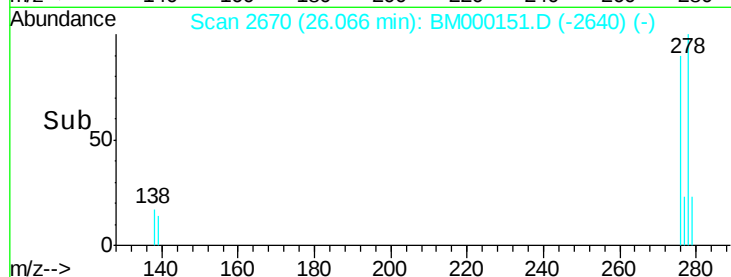
Tgt Ion: 278 Resp: 2992
Ion Ratio Lower Upper
278 100
139 20.8 12.6 18.8#
279 35.6 20.6 30.8#



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

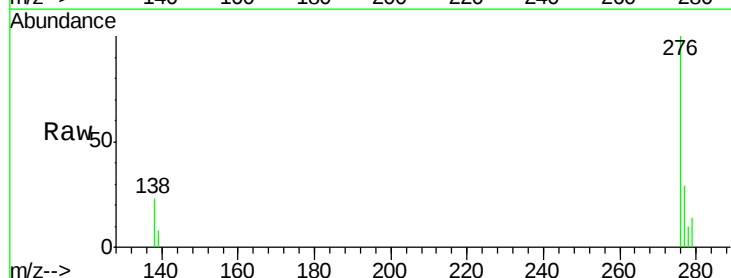


Time--> 25.80 26.00 26.20 26.40

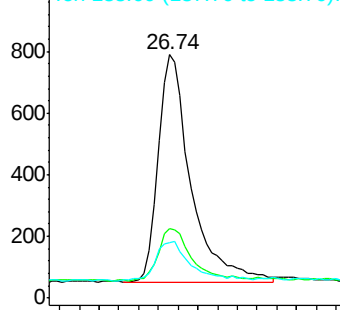


#26
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 26.74 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BM000151.D
Acq: 08 Jan 2015 20:16

Tgt Ion: 276 Resp: 3366
Ion Ratio Lower Upper
276 100
277 28.6 20.0 30.0
138 22.8 15.7 23.5



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



Time--> 26.60 26.80 27.00

