

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010915\
 Data File : BM000163.D
 Acq On : 09 Jan 2015 19:02
 Operator : TP/IZ
 Sample : SSTD0.425
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 09 22:11:59 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	3301	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	10762	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.47	164	6340	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11825	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	10378	0.40	ng/ul	-0.01
20) Perylene-d12	23.69	264	9398	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.21	152	5520	0.39	ng/ul	-0.01
14) Fluoranthene-d10	19.24	212	10232	0.40	ng/ul	-0.01

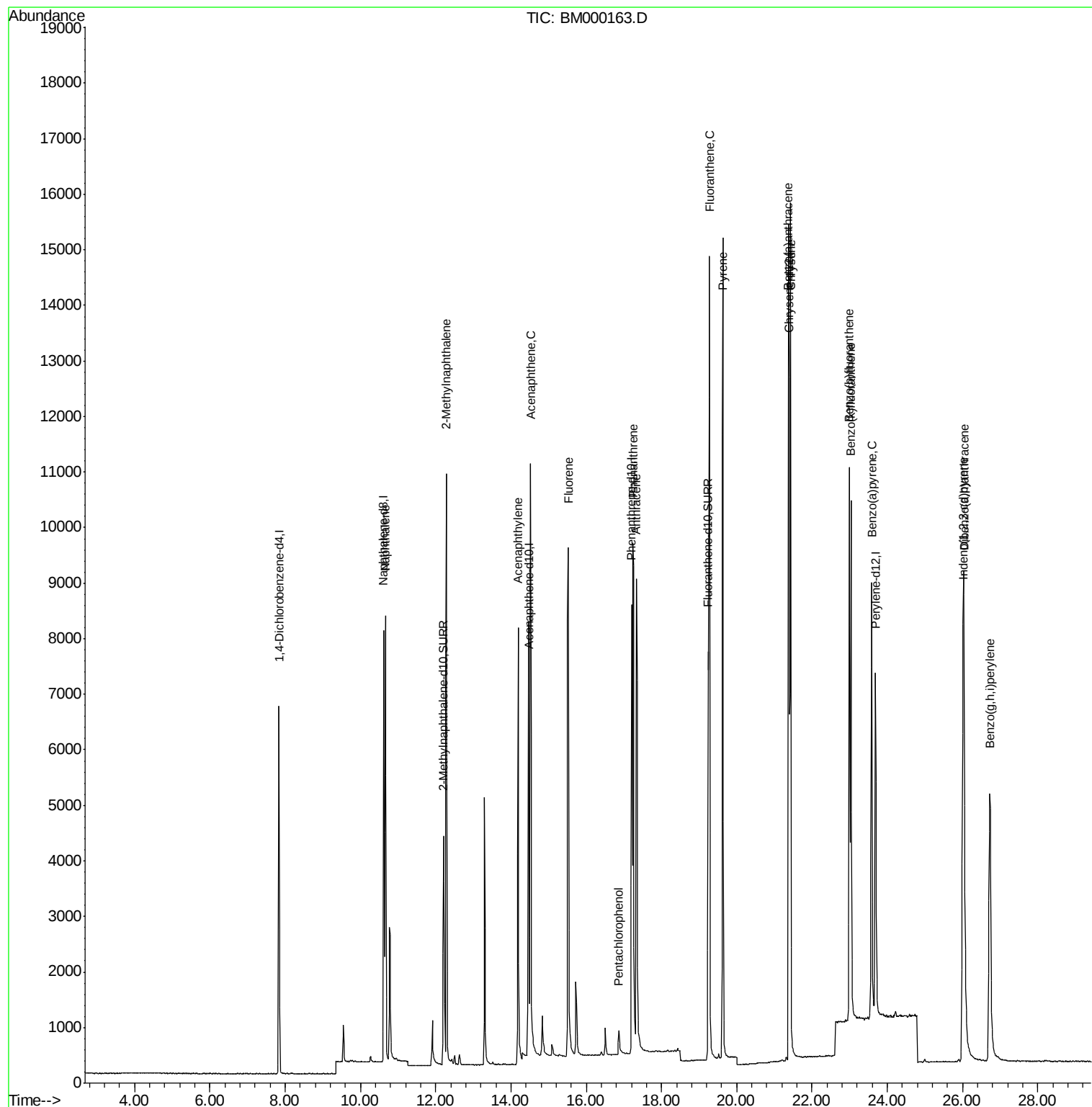
Target Compounds

						Qvalue
3) Naphthalene	10.67	128	11228	0.39	ng/ul	99
5) 2-Methylnaphthalene	12.28	142	7434	0.39	ng/ul	100
7) Acenaphthylene	14.19	152	12259	0.39	ng/ul	99
8) Acenaphthene	14.52	153	7660	0.39	ng/ul	87
9) Fluorene	15.52	166	8968	0.39	ng/ul	92
11) Pentachlorophenol	16.87	266	548	0.30	ng/ul	98
12) Phenanthrene	17.24	178	14172	0.39	ng/ul	95
13) Anthracene	17.33	178	13414	0.39	ng/ul	96
15) Fluoranthene	19.27	202	16024	0.40	ng/ul	93
17) Pyrene	19.63	202	16314	0.38	ng/ul	94
18) Benzo(a)anthracene	21.38	228	13264	0.39	ng/ul	97
19) Chrysene	21.43	228	14409	0.38	ng/ul	98
21) Benzo(b)fluoranthene	22.99	252	13859	0.37	ng/ul	98
22) Benzo(k)fluoranthene	23.03	252	13884	0.39	ng/ul	95
23) Benzo(a)pyrene	23.58	252	12819	0.38	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.01	276	14794	0.39	ng/ul	98
25) Dibenzo(a,h)anthracene	26.03	278	11697	0.38	ng/ul	99
26) Benzo(g,h,i)perylene	26.72	276	13035	0.38	ng/ul	99

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

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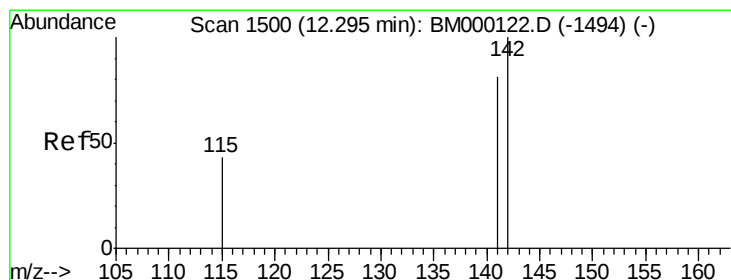
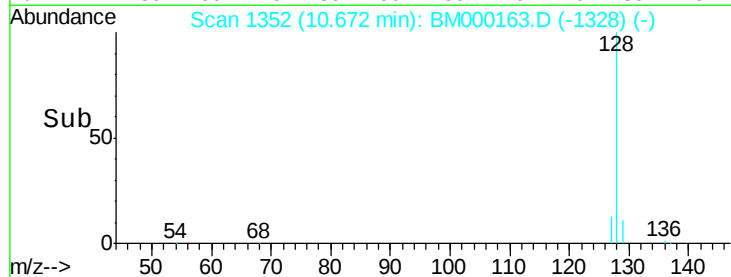
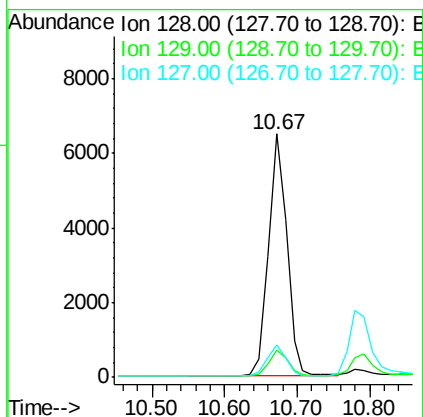
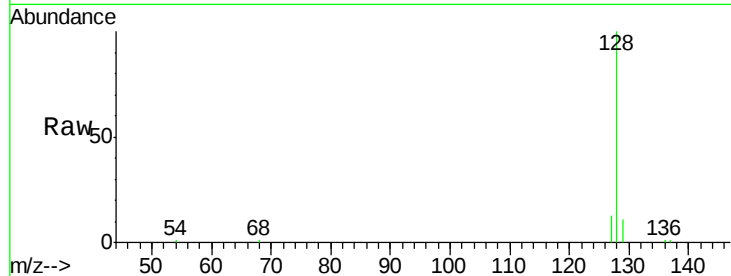
Quant Time: Jan 09 22:11:59 2015
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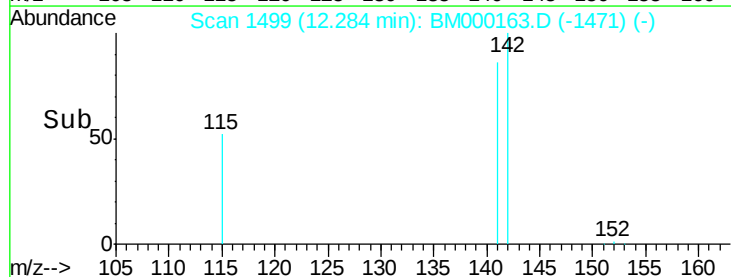
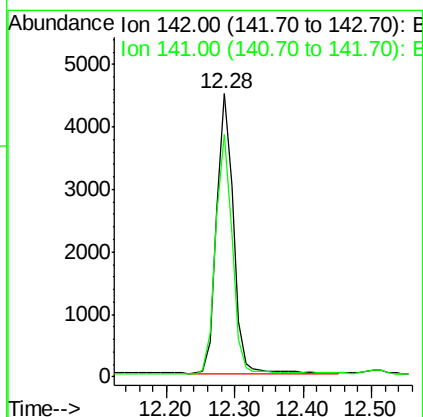
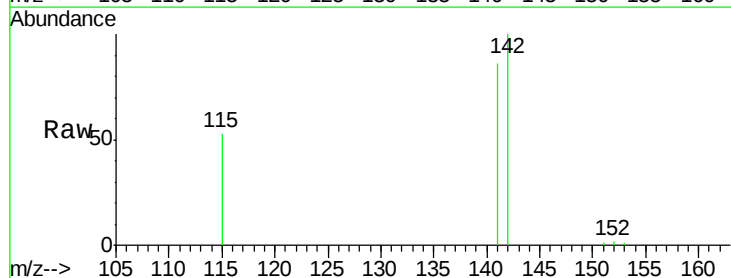
#3
Naphthalene
Concen: 0.39 ng/ul
RT: 10.67 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM000163.D
Acq: 09 Jan 2015 19:02

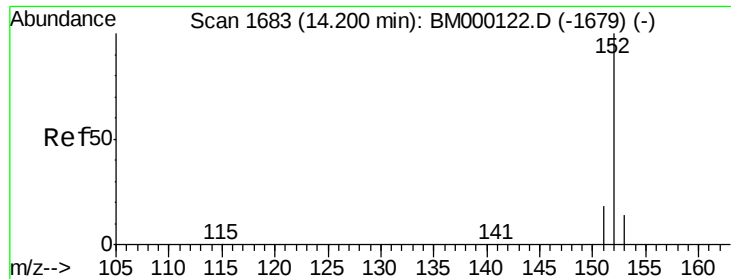
Tgt Ion:128 Resp: 11228
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.4 10.4 15.6



#5
2-Methylnaphthalene
Concen: 0.39 ng/ul
RT: 12.28 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM000163.D
Acq: 09 Jan 2015 19:02

Tgt Ion:142 Resp: 7434
Ion Ratio Lower Upper
142 100
141 85.7 68.9 103.3





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 14.19 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BM000163.D

Acq: 09 Jan 2015 19:02

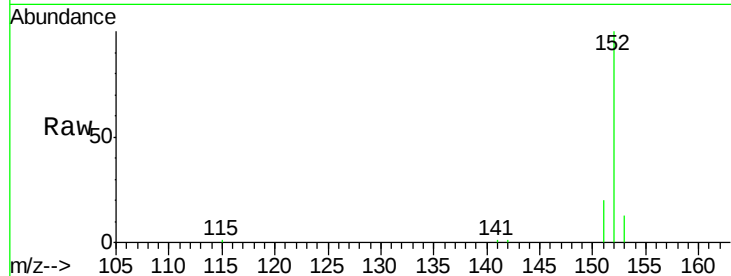
Tgt Ion:152 Resp: 12259

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.2

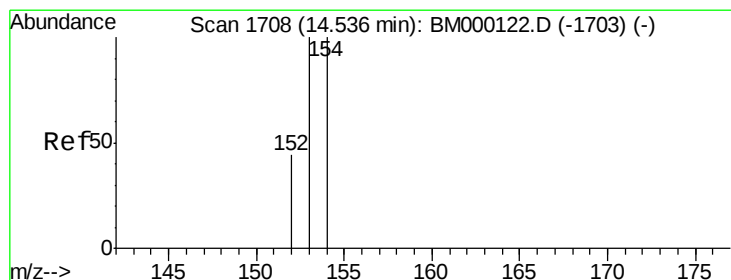
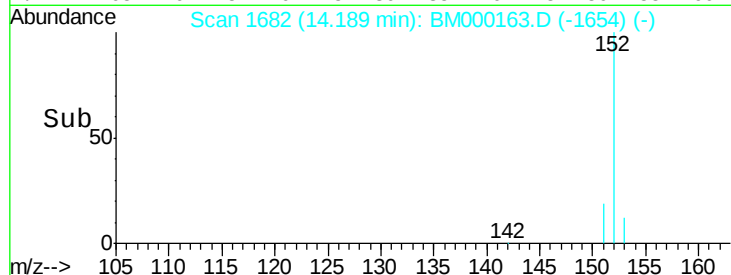
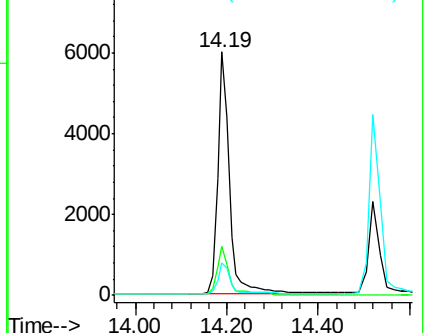
153 13.1 11.0 16.4



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



#8

Acenaphthene

Concen: 0.39 ng/ul

RT: 14.52 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BM000163.D

Acq: 09 Jan 2015 19:02

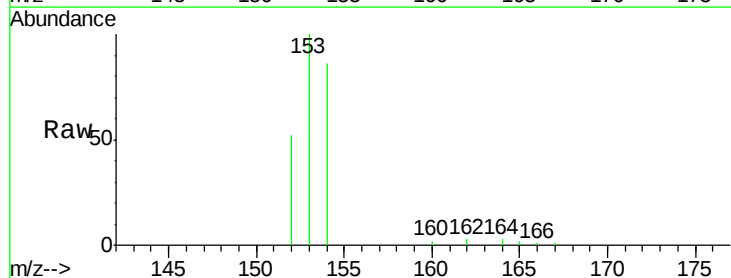
Tgt Ion:153 Resp: 7660

Ion Ratio Lower Upper

153 100

152 52.1 35.8 53.6

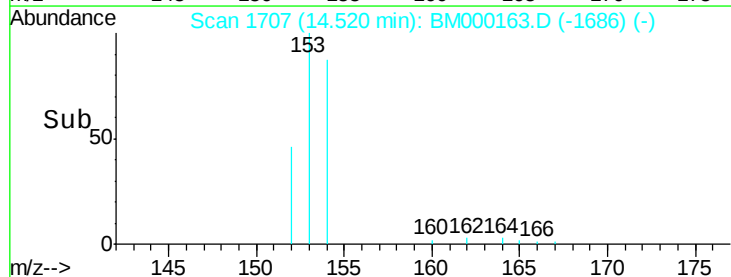
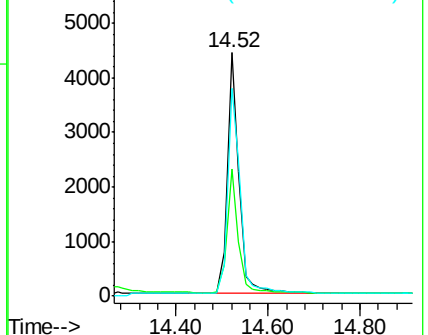
154 85.5 79.9 119.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

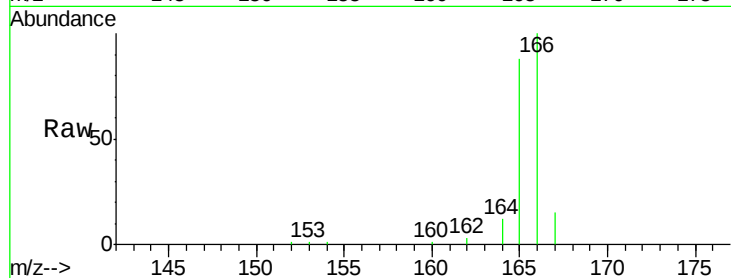
Ion 154.00 (153.70 to 154.70): E



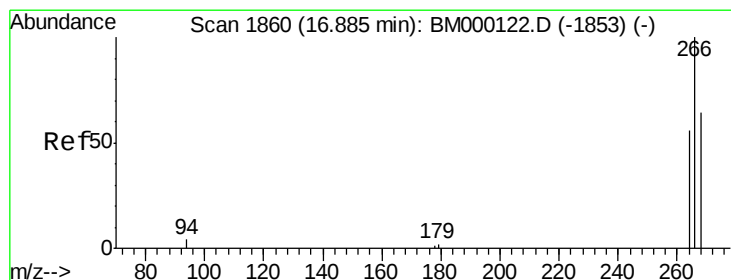
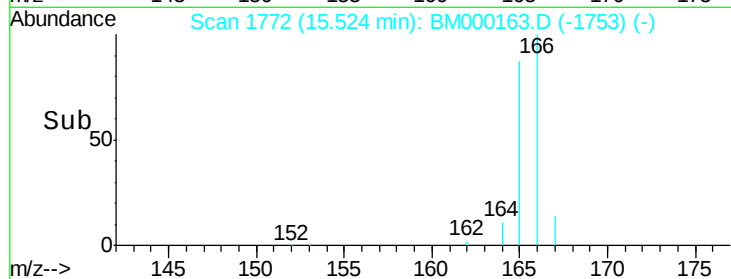
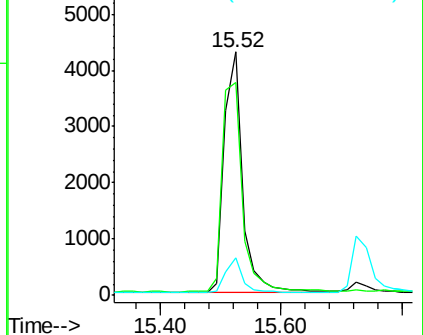


#9
Fluorene
 Concen: 0.39 ng/ul
 RT: 15.52 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BM000163.D
 Acq: 09 Jan 2015 19:02

Tgt Ion:166 Resp: 8968
 Ion Ratio Lower Upper
 166 100
 165 87.5 77.0 115.4
 167 15.3 11.0 16.6

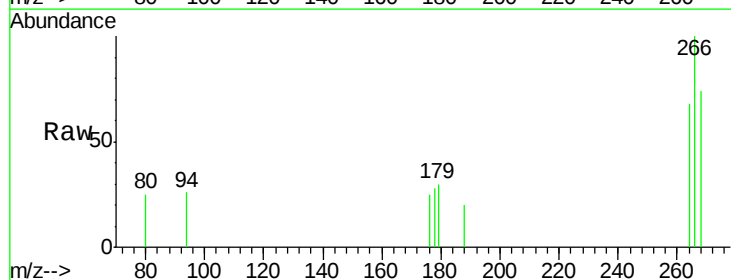


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

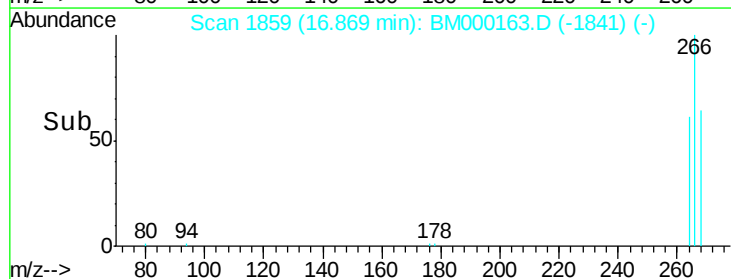
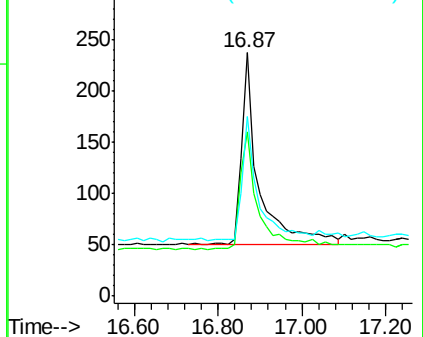


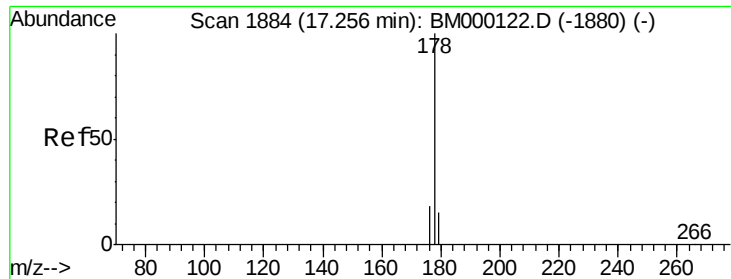
#11
Pentachlorophenol
 Concen: 0.30 ng/ul
 RT: 16.87 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BM000163.D
 Acq: 09 Jan 2015 19:02

Tgt Ion:266 Resp: 548
 Ion Ratio Lower Upper
 266 100
 264 67.0 53.9 80.9
 268 58.6 49.2 73.8



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





#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 17.24 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BM000163.D

Acq: 09 Jan 2015 19:02

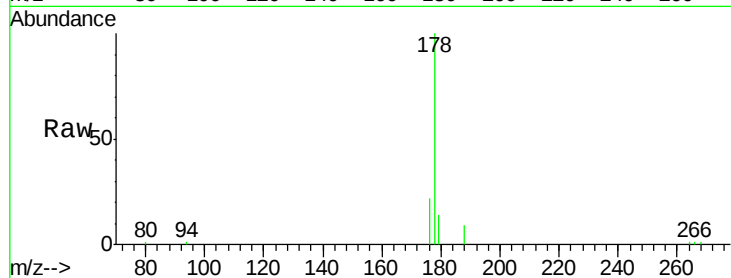
Tgt Ion:178 Resp: 14172

Ion Ratio Lower Upper

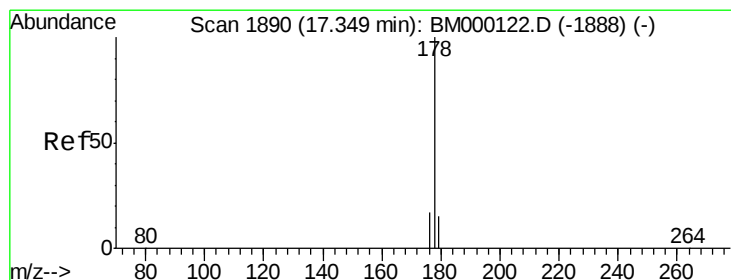
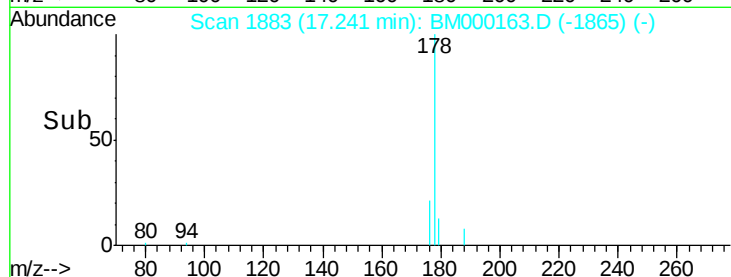
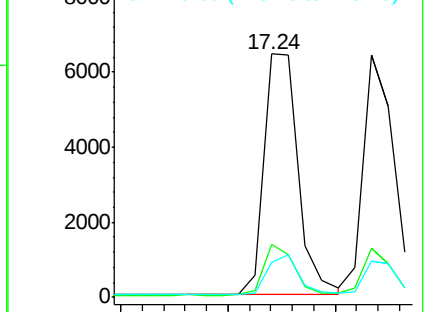
178 100

176 21.5 15.1 22.7

179 14.3 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: 0.39 ng/ul

RT: 17.33 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BM000163.D

Acq: 09 Jan 2015 19:02

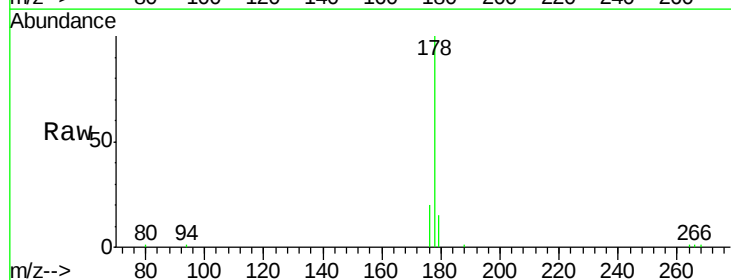
Tgt Ion:178 Resp: 13414

Ion Ratio Lower Upper

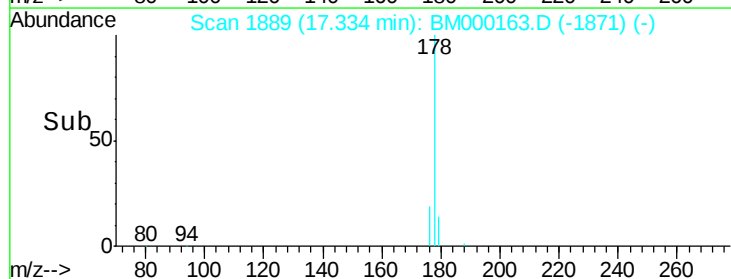
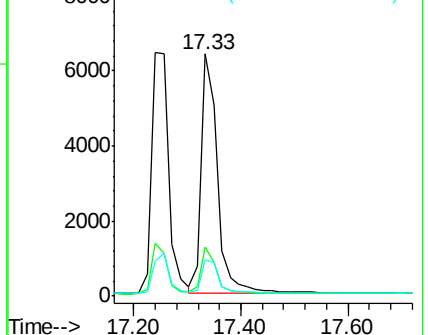
178 100

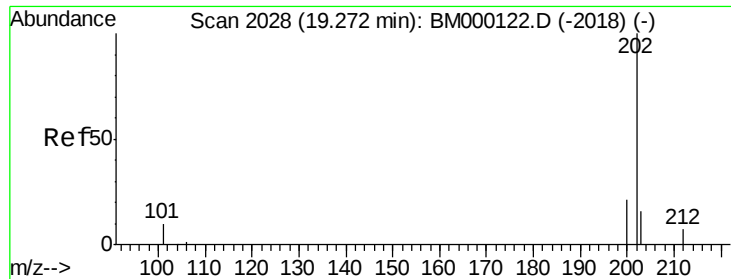
176 20.1 14.6 21.8

179 14.8 13.1 19.7



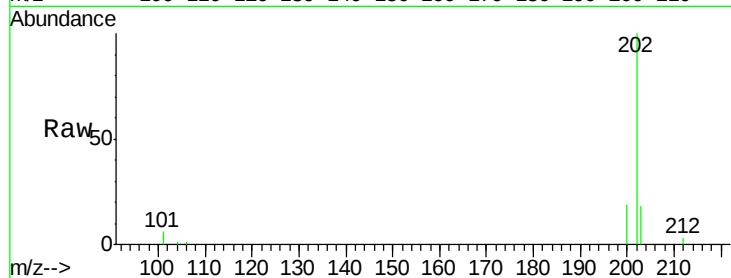
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



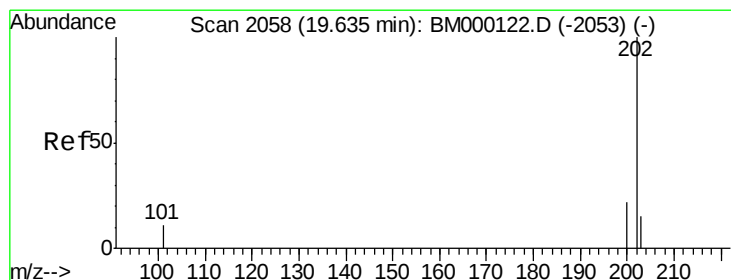
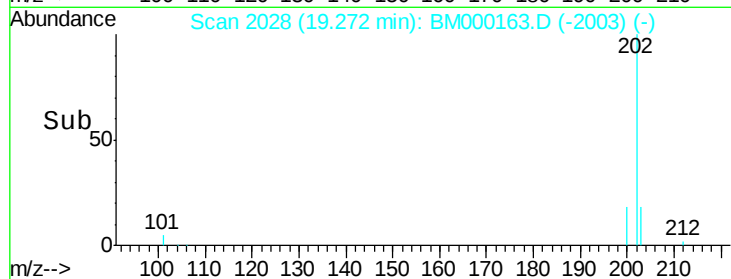
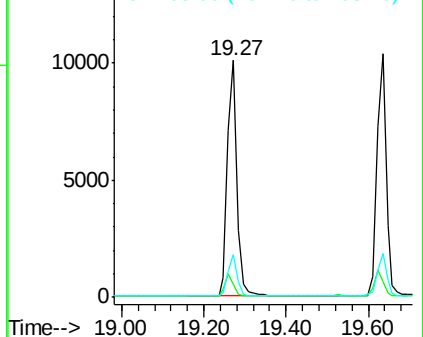


#15
Fluoranthene
Concen: 0.40 ng/ul
RT: 19.27 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BM000163.D
Acq: 09 Jan 2015 19:02

Tgt Ion:202 Resp: 16024
Ion Ratio Lower Upper
202 100
101 5.6 0.0 30.5
203 18.3 0.0 36.6

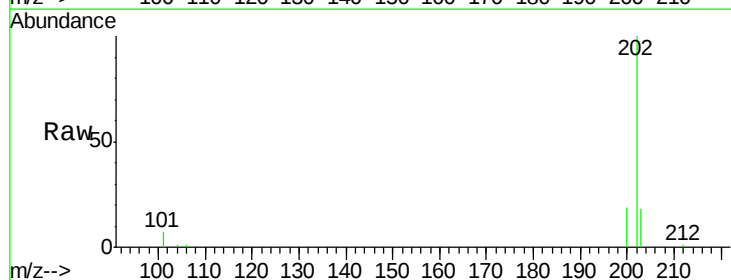


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

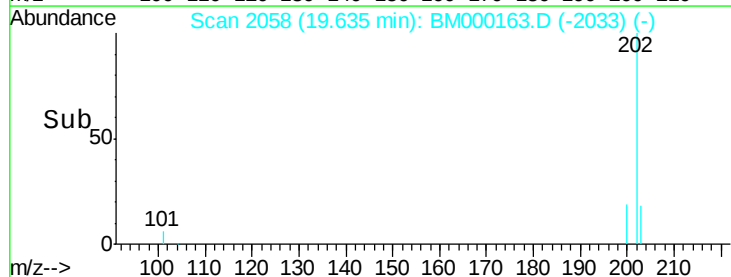
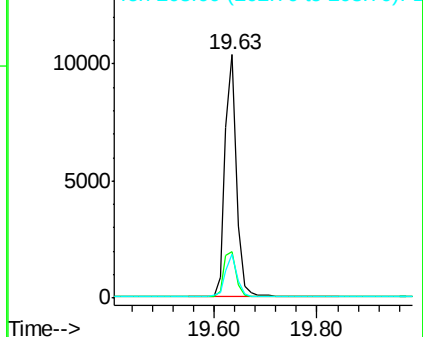


#17
Pyrene
Concen: 0.38 ng/ul
RT: 19.63 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM000163.D
Acq: 09 Jan 2015 19:02

Tgt Ion:202 Resp: 16314
Ion Ratio Lower Upper
202 100
200 19.3 17.9 26.9
203 18.2 12.8 19.2



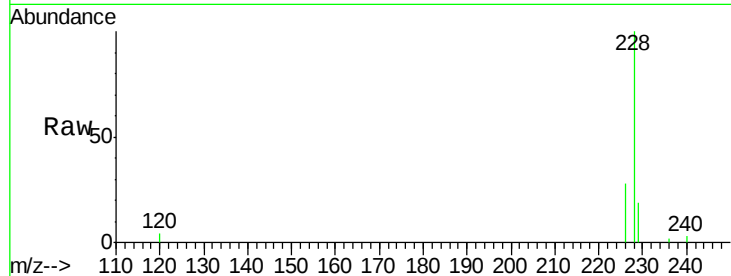
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



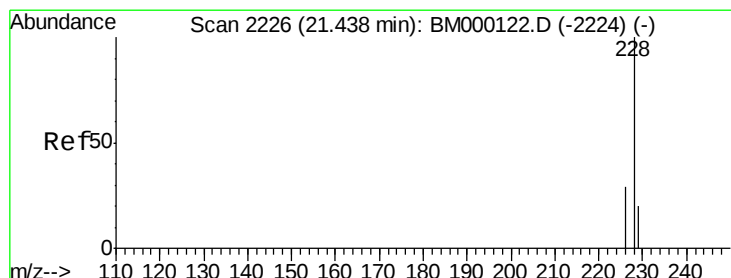
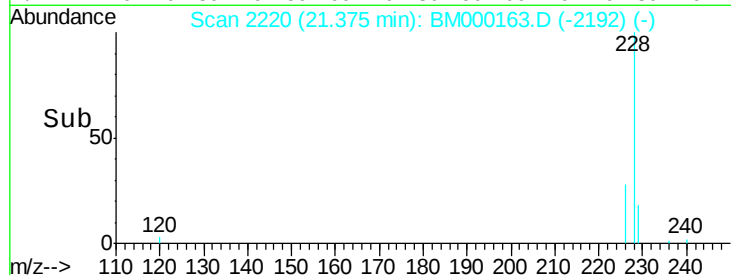
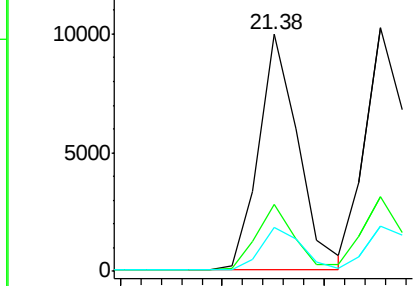


#18
Benzo(a)anthracene
Concen: 0.39 ng/ul
RT: 21.38 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BM000163.D
Acq: 09 Jan 2015 19:02

Tgt Ion:228 Resp: 13264
Ion Ratio Lower Upper
228 100
226 28.0 20.8 31.2
229 18.6 15.5 23.3

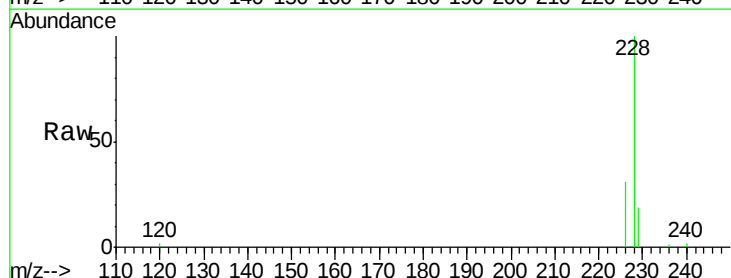


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

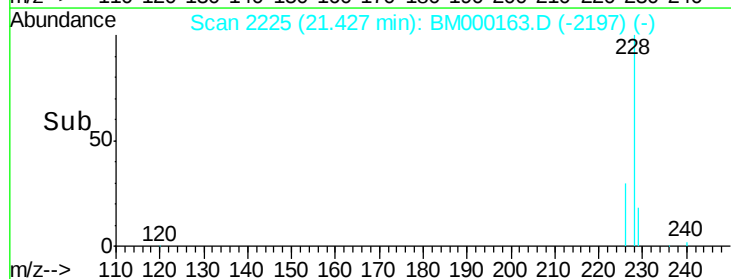
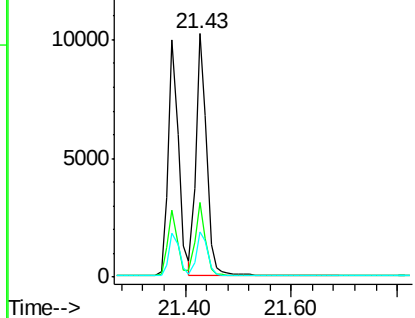


#19
Chrysene
Concen: 0.38 ng/ul
RT: 21.43 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BM000163.D
Acq: 09 Jan 2015 19:02

Tgt Ion:228 Resp: 14409
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.6
229 18.6 15.8 23.8



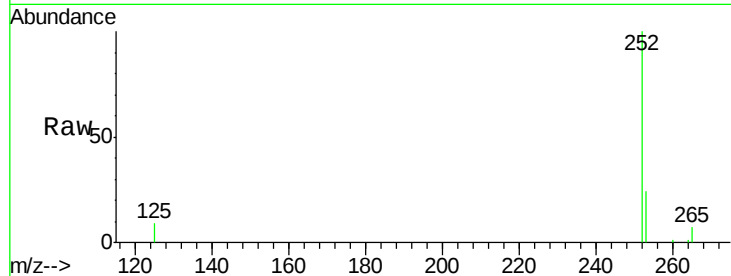
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



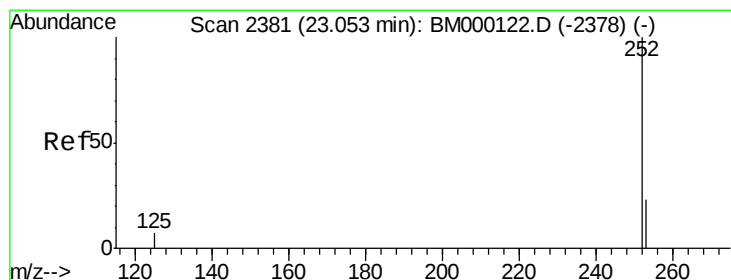
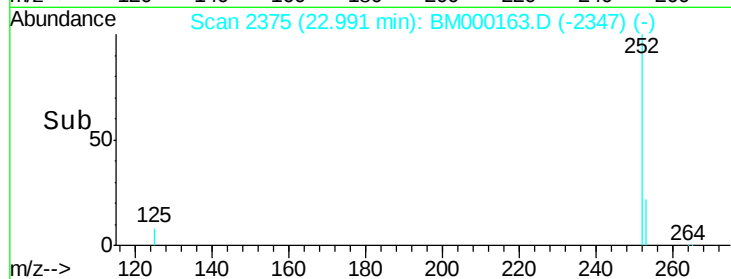
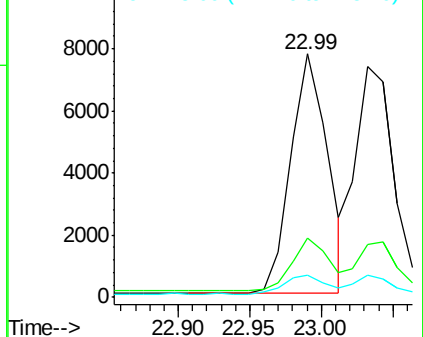


#21
Benzo(b)fluoranthene
Concen: 0.37 ng/u1
RT: 22.99 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BM000163.D
Acq: 09 Jan 2015 19:02

Tgt Ion:252 Resp: 13859
Ion Ratio Lower Upper
252 100
253 24.3 0.0 48.2
125 9.0 0.0 21.6

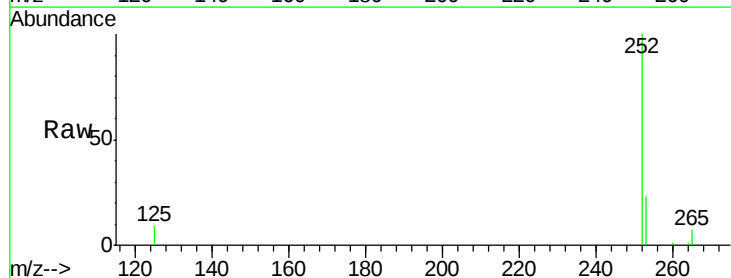


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

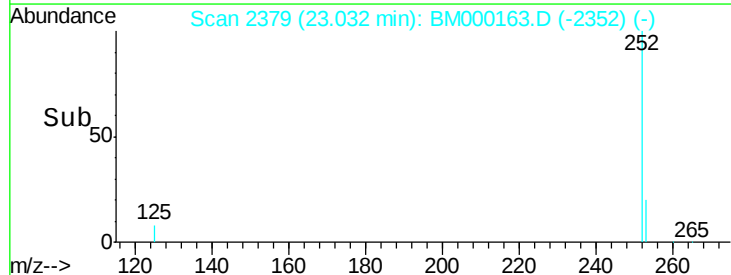
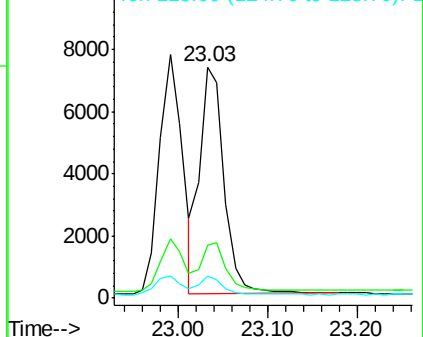


#22
Benzo(k)fluoranthene
Concen: 0.39 ng/u1
RT: 23.03 min Scan# 2379
Delta R.T. -0.02 min
Lab File: BM000163.D
Acq: 09 Jan 2015 19:02

Tgt Ion:252 Resp: 13884
Ion Ratio Lower Upper
252 100
253 22.6 20.5 30.7
125 9.4 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: 0.38 ng/ul

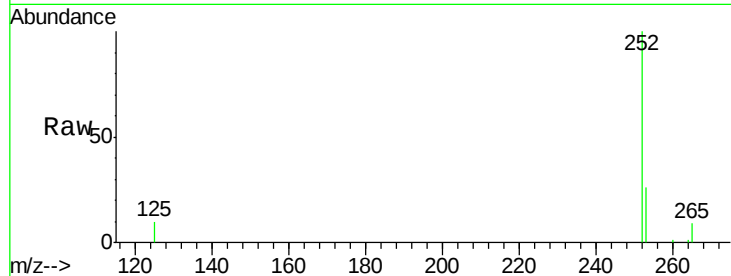
RT: 23.58 min Scan# 2432

Delta R.T. -0.01 min

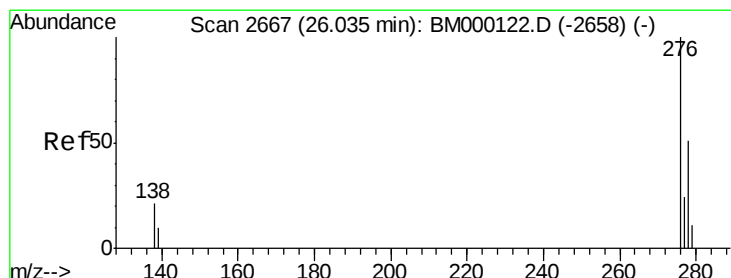
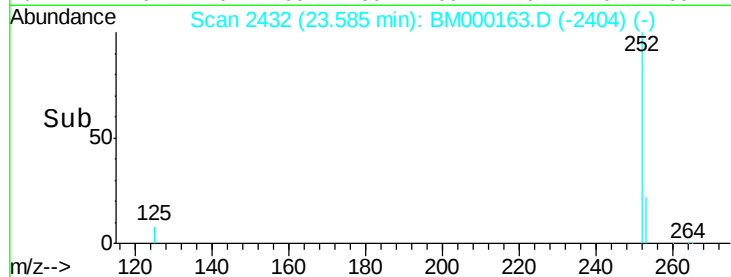
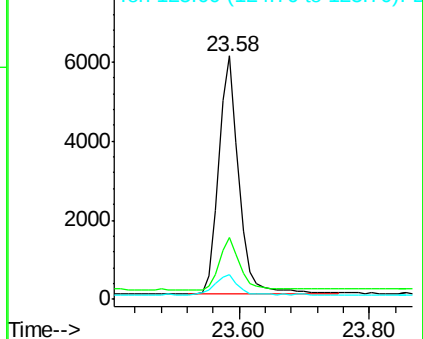
Lab File: BM000163.D

Acq: 09 Jan 2015 19:02

Tgt Ion:	252	Resp:	12819
Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.8	29.6
125	10.0	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: 0.39 ng/ul

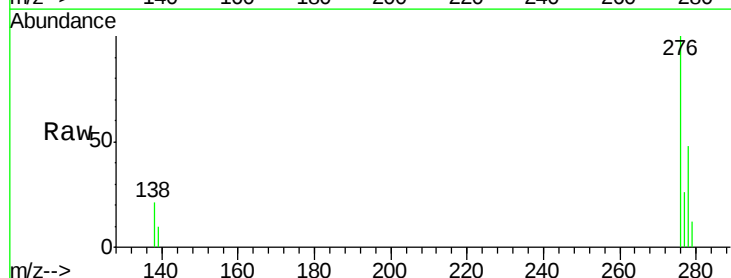
RT: 26.01 min Scan# 2665

Delta R.T. -0.02 min

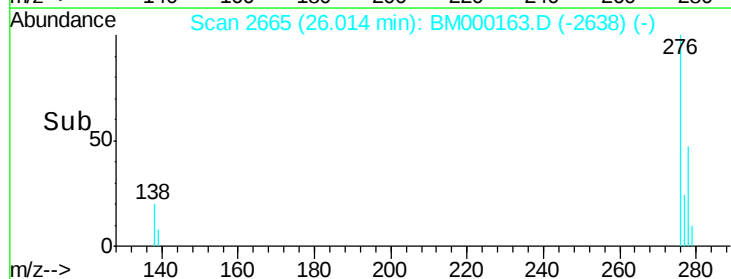
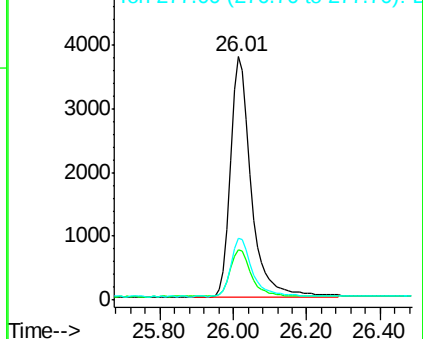
Lab File: BM000163.D

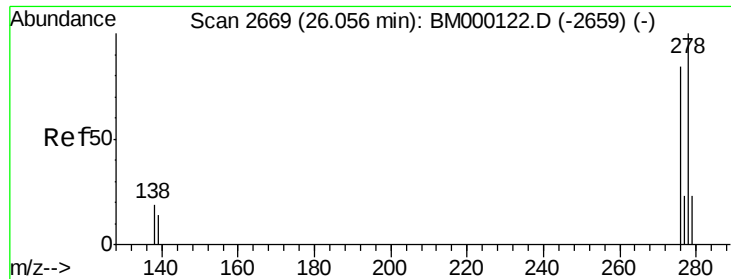
Acq: 09 Jan 2015 19:02

Tgt Ion:	276	Resp:	14794
Ion	Ratio	Lower	Upper
276	100		
138	19.6	17.6	26.4
277	25.0	19.9	29.9



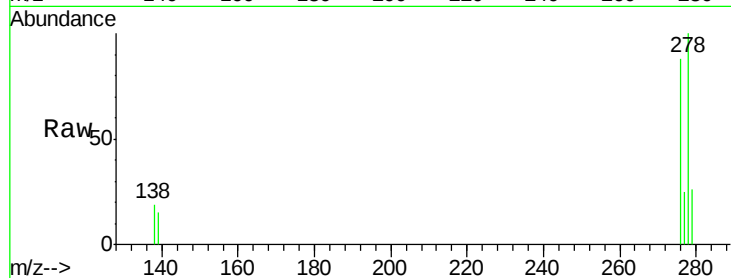
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



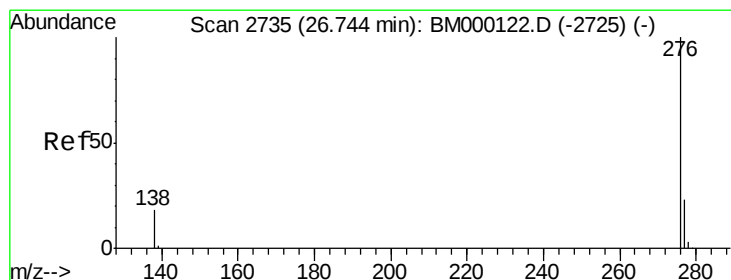
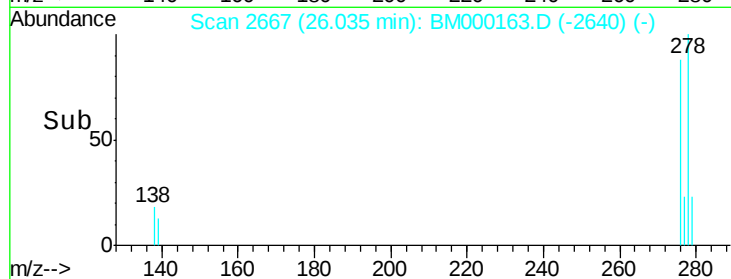
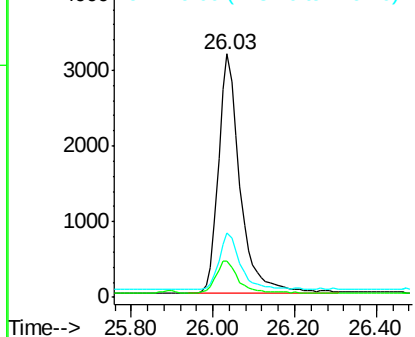


#25
 Dibenzo(a,h)anthracene
 Concen: 0.38 ng/ul
 RT: 26.03 min Scan# 2667
 Delta R.T. -0.02 min
 Lab File: BM000163.D
 Acq: 09 Jan 2015 19:02

Tgt Ion: 278 Resp: 11697
 Ion Ratio Lower Upper
 278 100
 139 15.0 12.6 18.8
 279 26.3 20.6 30.8

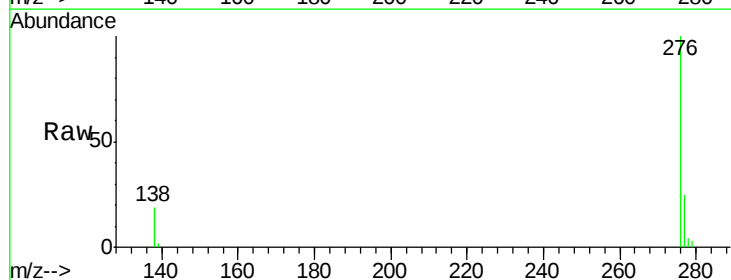


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#26
 Benzo(g,h,i)perylene
 Concen: 0.38 ng/ul
 RT: 26.72 min Scan# 2733
 Delta R.T. -0.02 min
 Lab File: BM000163.D
 Acq: 09 Jan 2015 19:02

Tgt Ion: 276 Resp: 13035
 Ion Ratio Lower Upper
 276 100
 277 24.6 20.0 30.0
 138 19.4 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

