

Data Path : Z:\HPCHEM1\BNA_M\Data\bm100615\
 Data File : BM002853.D
 Acq On : 06 Oct 2015 13:01
 Operator : UM/IZ
 Sample : G3798-27
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 06 15:30:48 2015

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM100515.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 06 15:21:07 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	9264	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.53	136	38515	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.26	164	20274	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.97	188	42640	0.40	ng/ul	-0.02
18) Chrysene-d12	22.07	240	36724	0.40	ng/ul	0.00
22) Perylene-d12	24.65	264	30816	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	13.07	152	17003	0.30	ng/ul	0.00
16) Fluoranthene-d10	19.95	212	36769	0.35	ng/ul	0.00

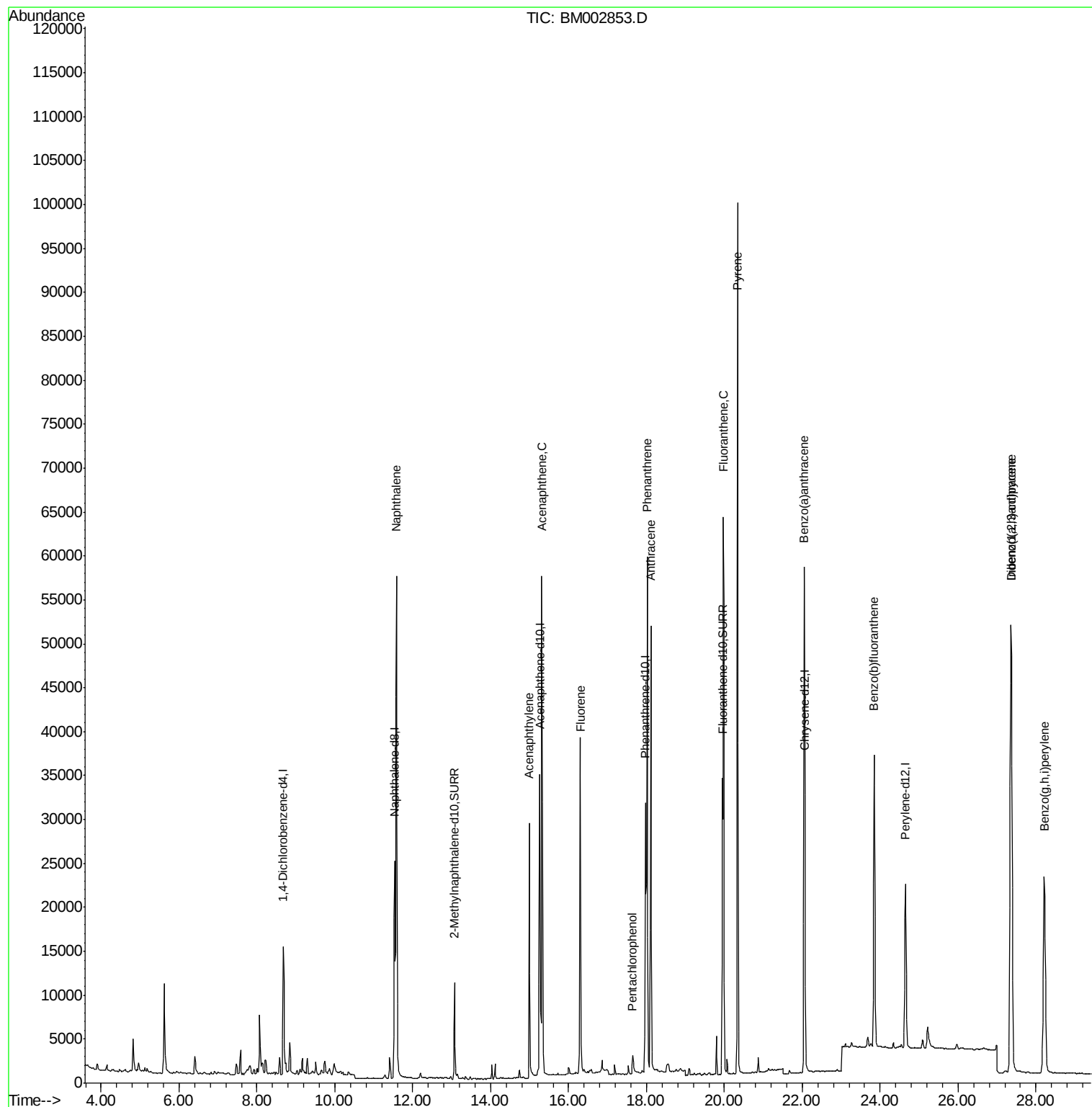
Target Compounds

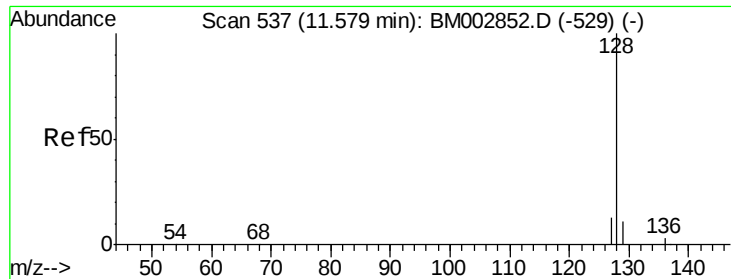
						Qvalue
5) Naphthalene	11.58	128	91444	0.89	ng/ul	97
9) Acenaphthylene	14.99	152	31624	0.41	ng/ul	97
10) Acenaphthene	15.31	153	39176	0.51	ng/ul	98
11) Fluorene	16.31	166	35973	0.42	ng/ul#	78
13) Pentachlorophenol	17.64	266	2630	0.98	ng/ul	96
14) Phenanthrene	18.02	178	66359	0.51	ng/ul	97
15) Anthracene	18.11	178	60572	0.48	ng/ul	97
17) Fluoranthene	19.97	202	68603	0.47	ng/ul	95
19) Pyrene	20.34	202	91250	0.63	ng/ul	96
20) Benzo(a)anthracene	22.04	228	59220	0.48	ng/ul	99
23) Benzo(b)fluoranthene	23.85	252	51020	0.45	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	27.36	276	65567	0.62	ng/ul	98
27) Dibenzo(a,h)anthracene	27.36	278	49761	0.60	ng/ul	96
28) Benzo(g,h,i)perylene	28.21	276	55381	0.61	ng/ul	98

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

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QLast Update : Tue Oct 06 15:21:07 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.89 ng/ul

RT: 11.58 min Scan# 537

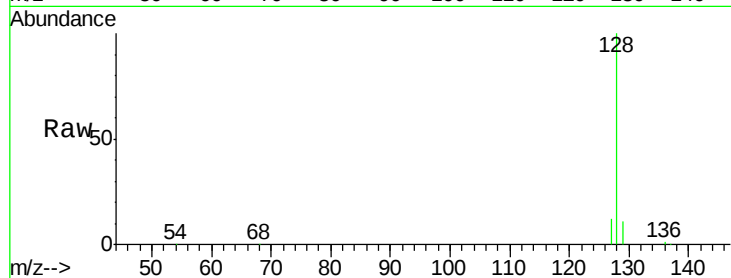
Delta R.T. -0.00 min

Lab File: BM002853.D

Acq: 06 Oct 2015 13:01

Tgt Ion:128 Resp: 91444

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	12.4	10.7	16.1

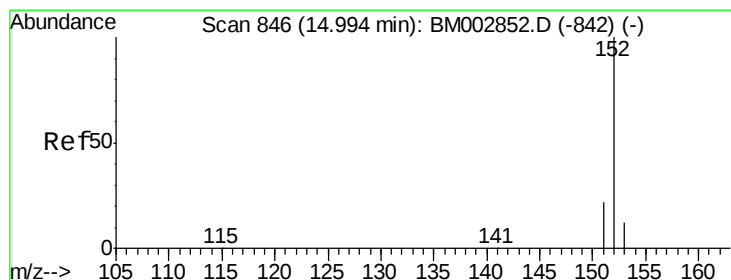
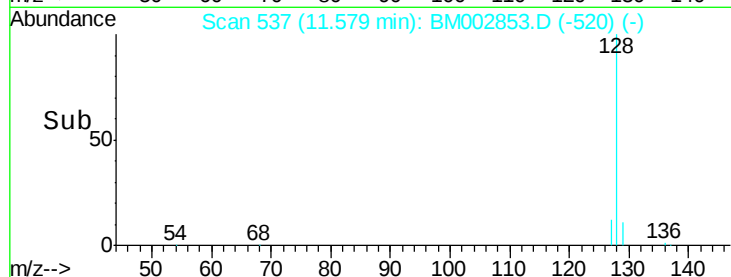
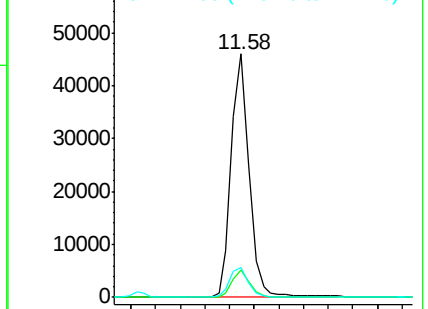


Abundance

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



#9

Acenaphthylene

Concen: 0.41 ng/ul

RT: 14.99 min Scan# 846

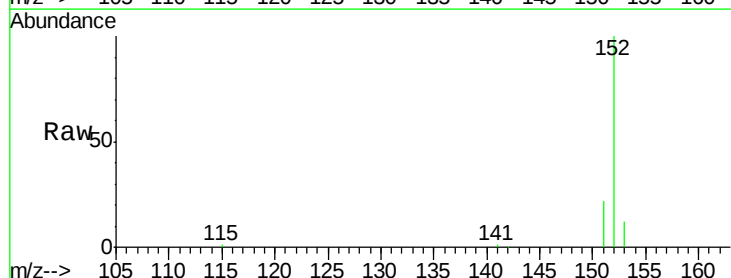
Delta R.T. -0.00 min

Lab File: BM002853.D

Acq: 06 Oct 2015 13:01

Tgt Ion:152 Resp: 31624

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	12.1	11.3	16.9

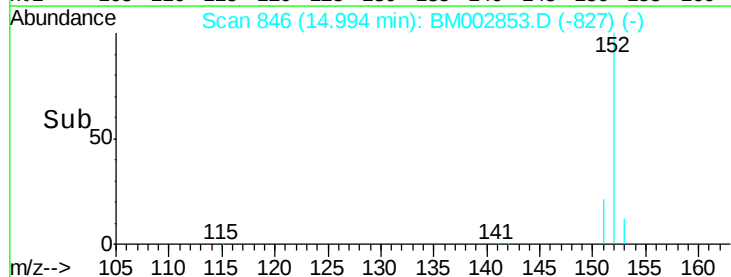
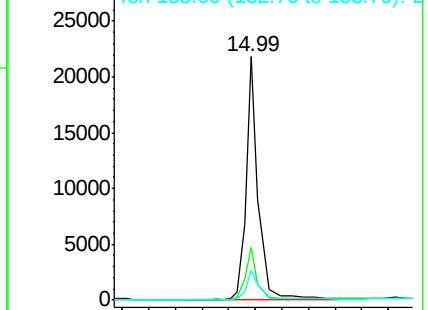


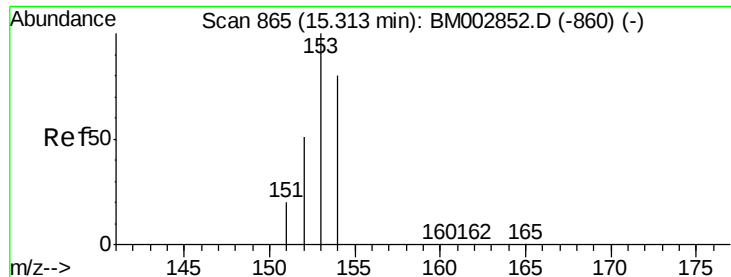
Abundance

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: 0.51 ng/ul

RT: 15.31 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM002853.D

Acq: 06 Oct 2015 13:01

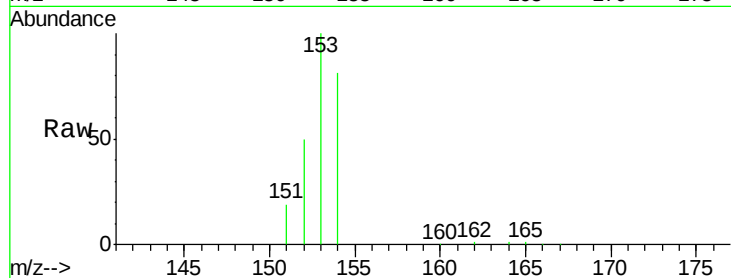
Tgt Ion:153 Resp: 39176

Ion Ratio Lower Upper

153 100

152 50.2 42.3 63.5

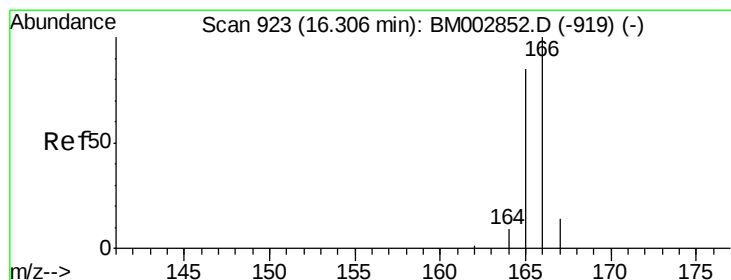
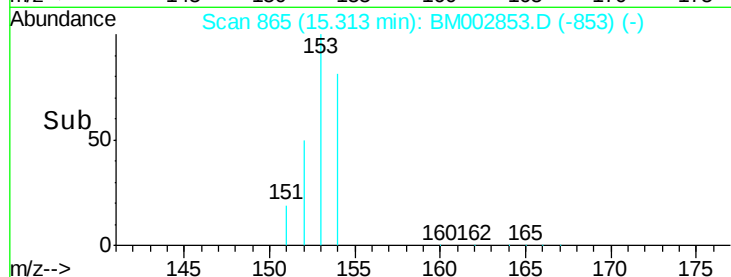
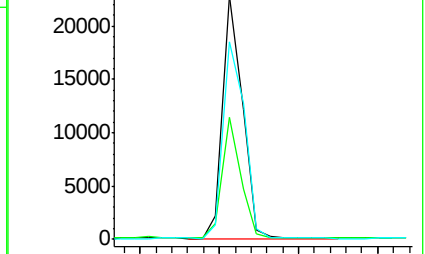
154 81.0 64.7 97.1



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: 0.42 ng/ul

RT: 16.31 min Scan# 923

Delta R.T. -0.00 min

Lab File: BM002853.D

Acq: 06 Oct 2015 13:01

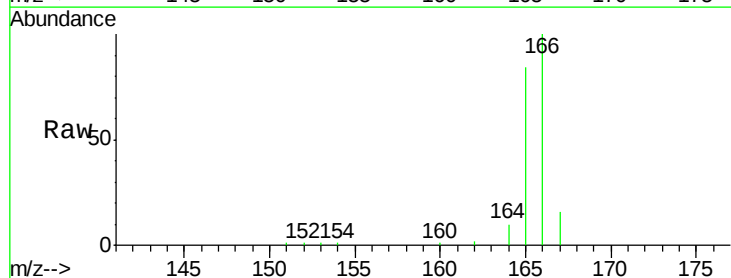
Tgt Ion:166 Resp: 35973

Ion Ratio Lower Upper

166 100

165 84.2 87.6 131.4#

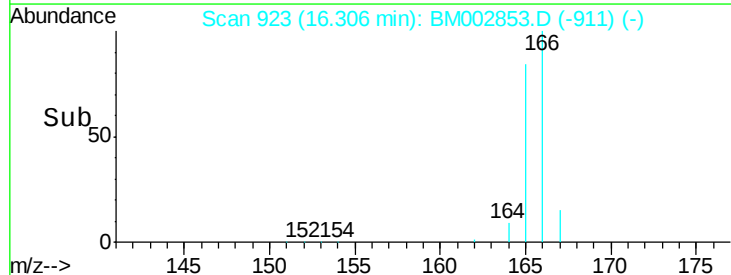
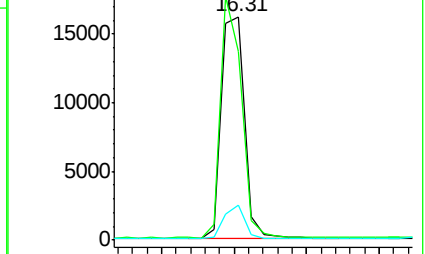
167 15.6 11.1 16.7

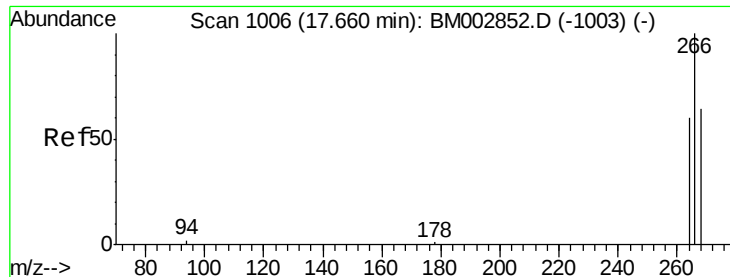


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

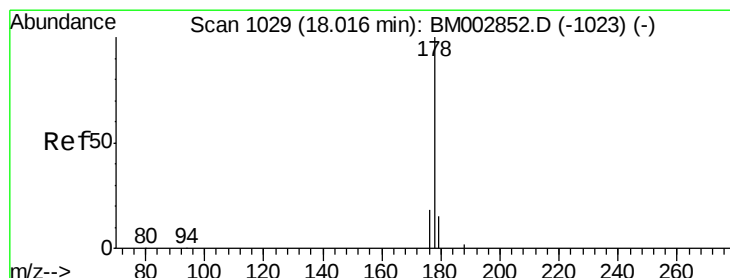
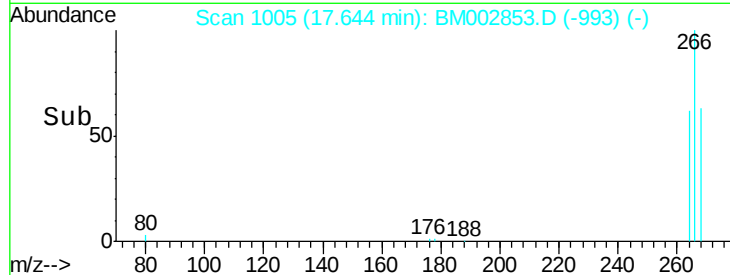
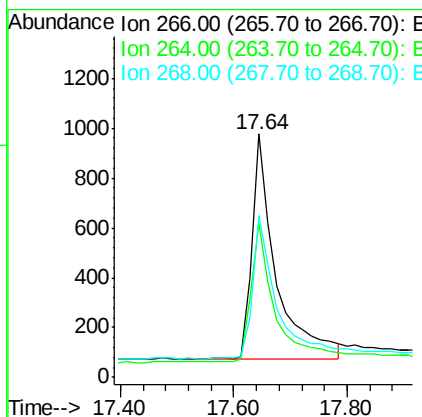
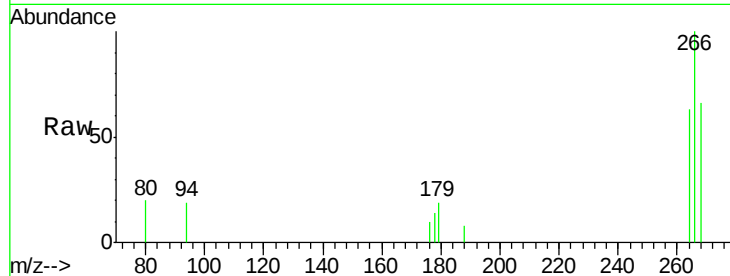
Ion 167.00 (166.70 to 167.70): E





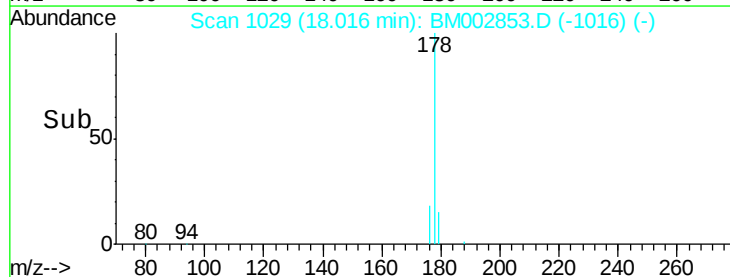
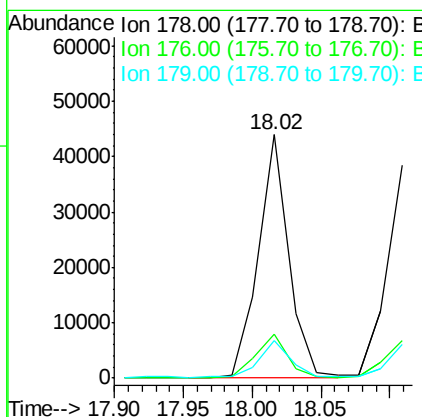
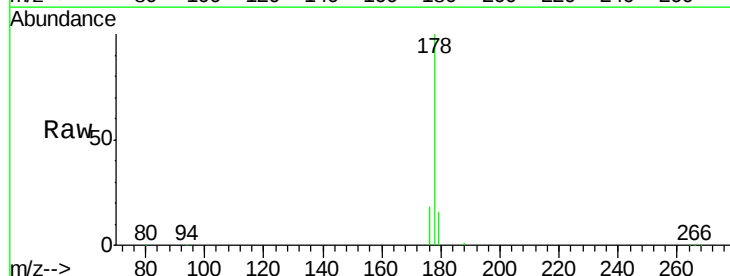
#13
 Pentachlorophenol
 Concen: 0.98 ng/ul
 RT: 17.64 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BM002853.D
 Acq: 06 Oct 2015 13:01

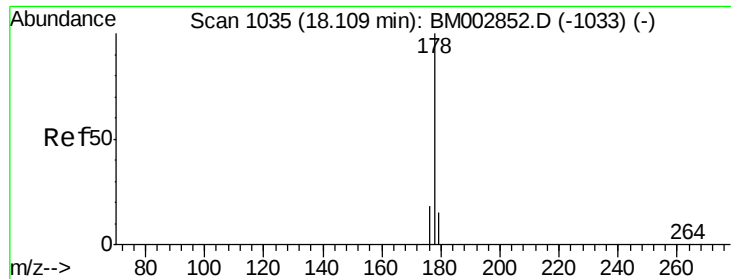
Tgt Ion: 266 Resp: 2630
 Ion Ratio Lower Upper
 266 100
 264 62.1 53.5 80.3
 268 65.4 54.2 81.2



#14
 Phenanthrene
 Concen: 0.51 ng/ul
 RT: 18.02 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BM002853.D
 Acq: 06 Oct 2015 13:01

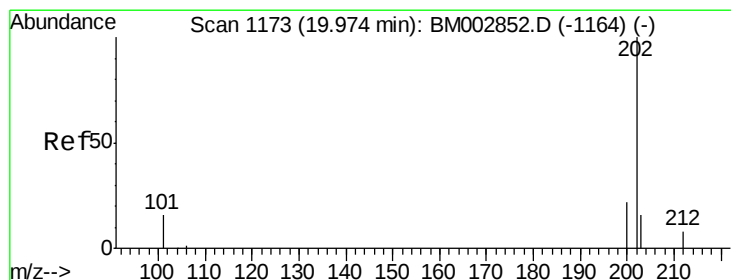
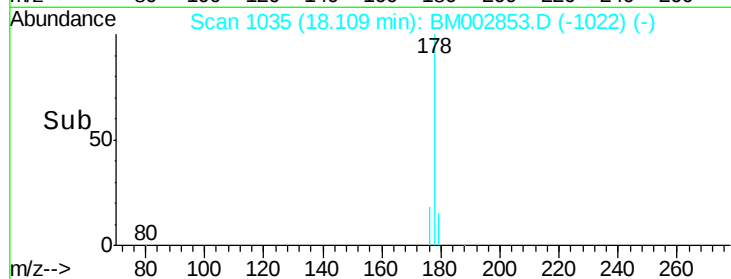
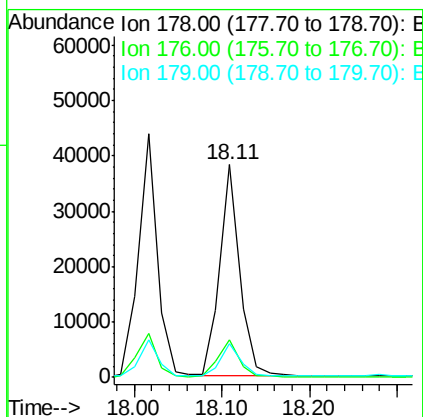
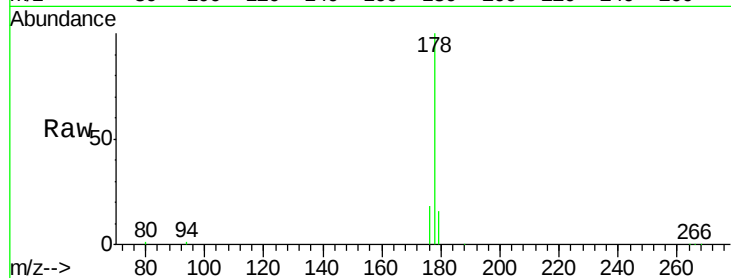
Tgt Ion: 178 Resp: 66359
 Ion Ratio Lower Upper
 178 100
 176 18.2 16.2 24.4
 179 15.6 12.8 19.2





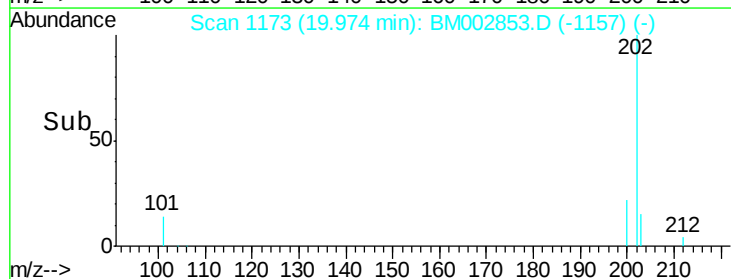
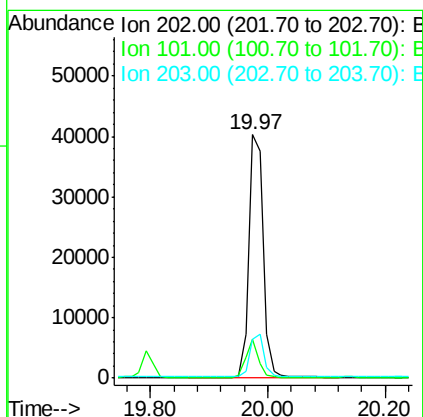
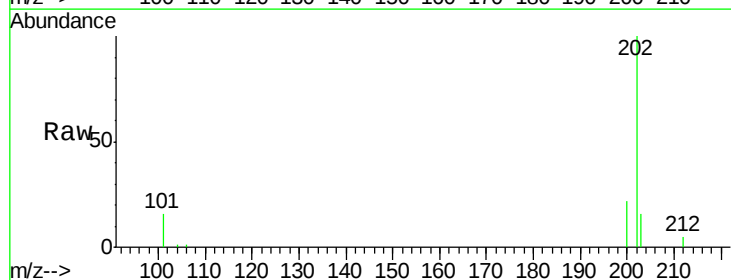
#15
 Anthracene
 Concen: 0.48 ng/ul
 RT: 18.11 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BM002853.D
 Acq: 06 Oct 2015 13:01

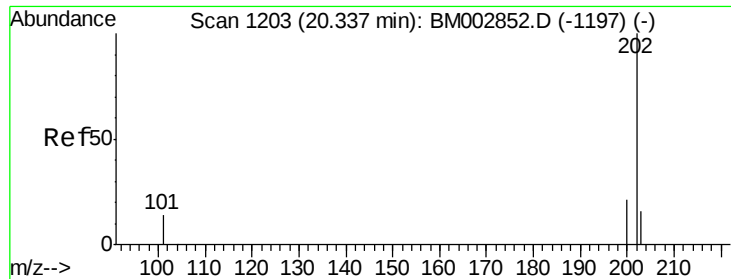
Tgt Ion:178 Resp: 60572
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.8 23.8
 179 15.9 13.3 19.9



#17
 Fluoranthene
 Concen: 0.47 ng/ul
 RT: 19.97 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BM002853.D
 Acq: 06 Oct 2015 13:01

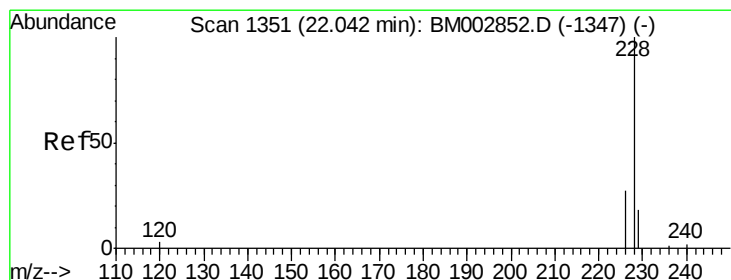
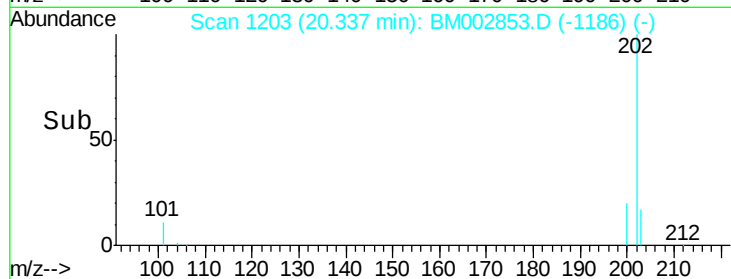
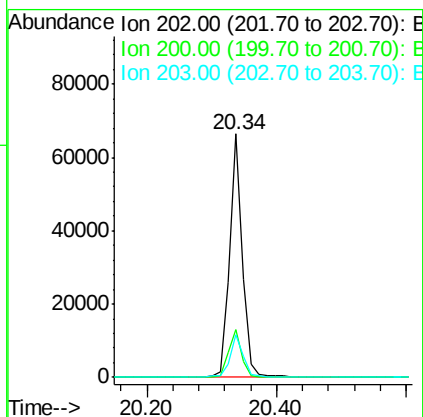
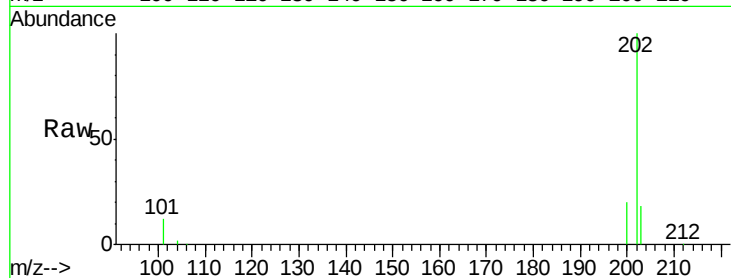
Tgt Ion:202 Resp: 68603
 Ion Ratio Lower Upper
 202 100
 101 16.1 0.0 33.1
 203 15.9 0.0 37.2





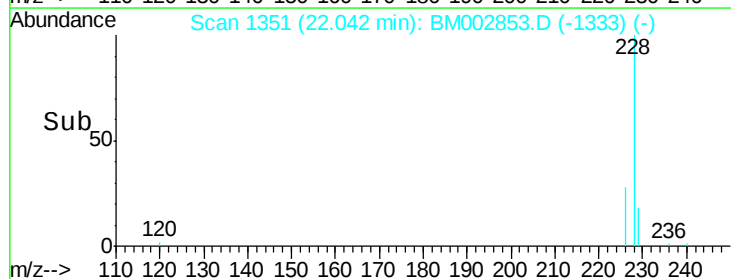
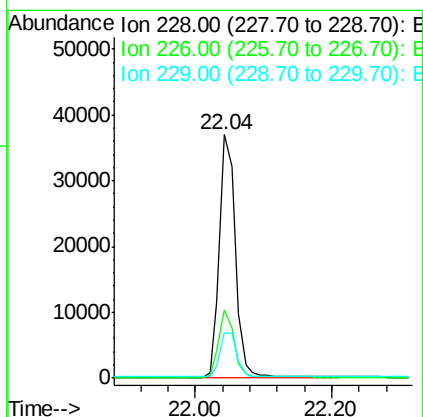
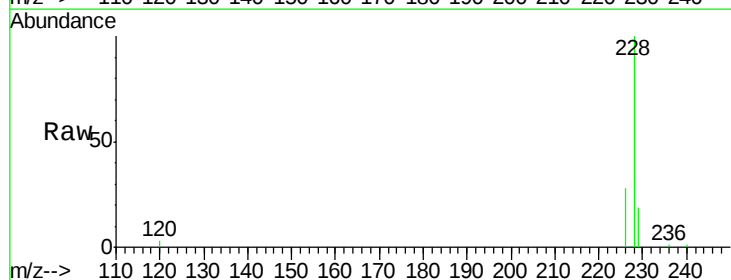
#19
Pyrene
Concen: 0.63 ng/ul
RT: 20.34 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BM002853.D
Acq: 06 Oct 2015 13:01

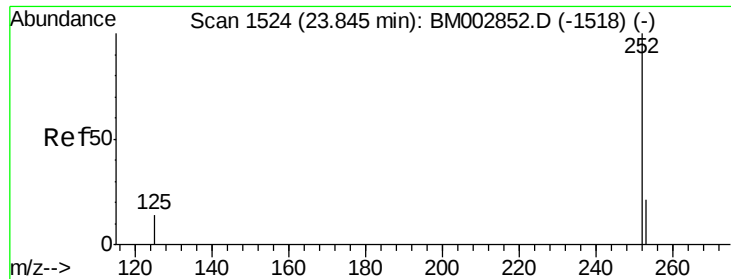
Tgt Ion:	202	Resp:	91250
Ion	Ratio	Lower	Upper
202	100		
200	19.6	18.0	27.0
203	17.5	13.8	20.6



#20
Benzo(a)anthracene
Concen: 0.48 ng/ul
RT: 22.04 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BM002853.D
Acq: 06 Oct 2015 13:01

Tgt Ion:	228	Resp:	59220
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	18.5	15.2	22.8





#23

Benzo(b)fluoranthene

Concen: 0.45 ng/ul

RT: 23.85 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BM002853.D

Acq: 06 Oct 2015 13:01

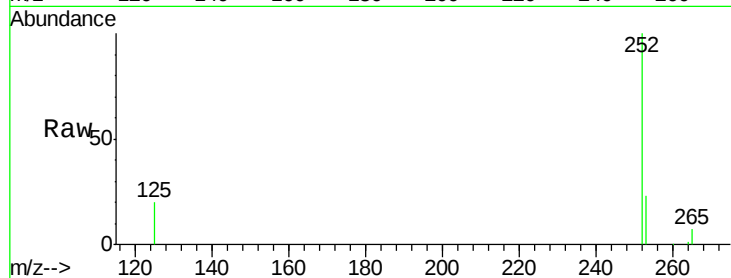
Tgt Ion: 252 Resp: 51020

Ion Ratio Lower Upper

252 100

253 22.7 0.0 48.0

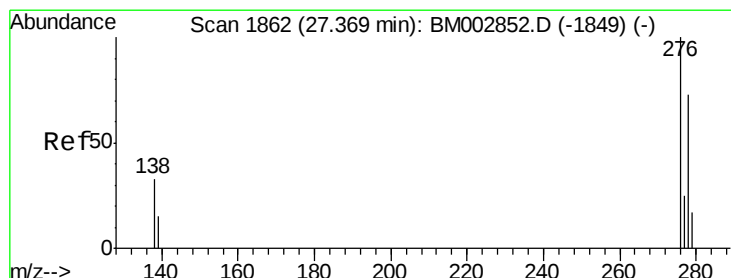
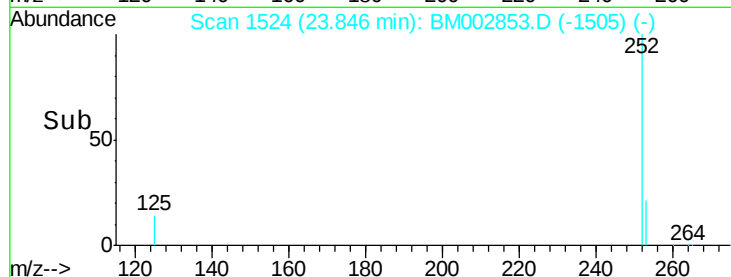
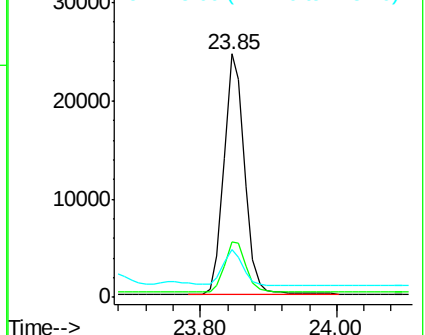
125 19.8 0.0 36.6



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.62 ng/ul

RT: 27.36 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BM002853.D

Acq: 06 Oct 2015 13:01

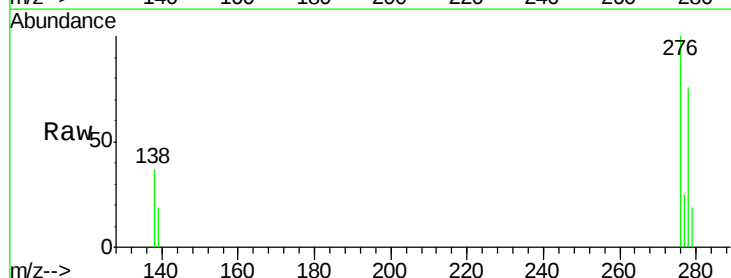
Tgt Ion: 276 Resp: 65567

Ion Ratio Lower Upper

276 100

138 35.6 27.5 41.3

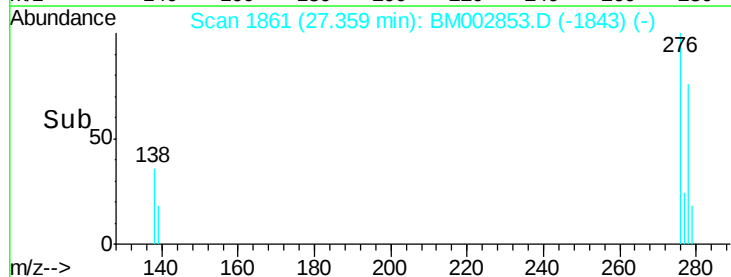
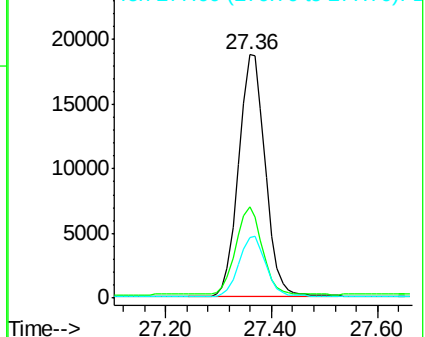
277 24.6 19.3 28.9

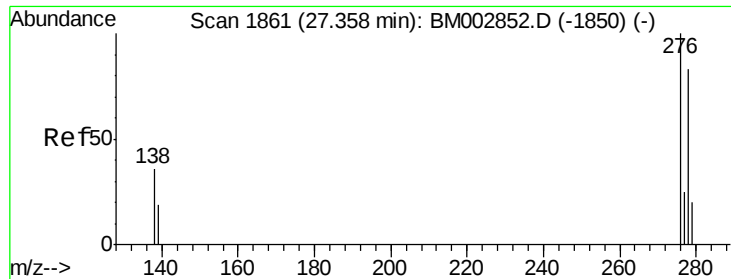


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

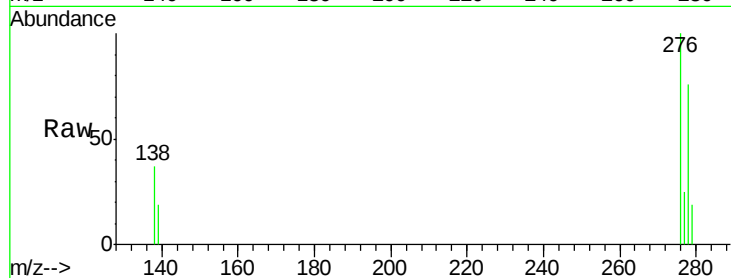




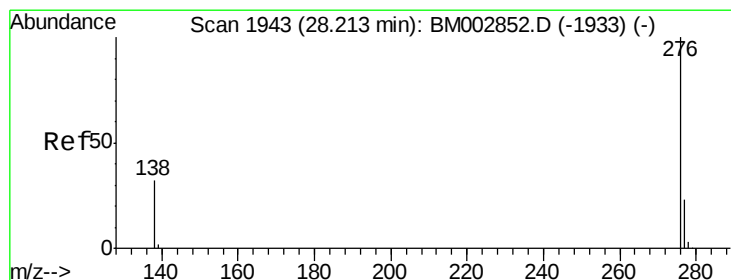
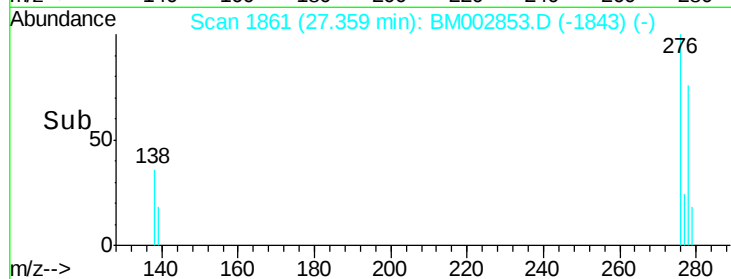
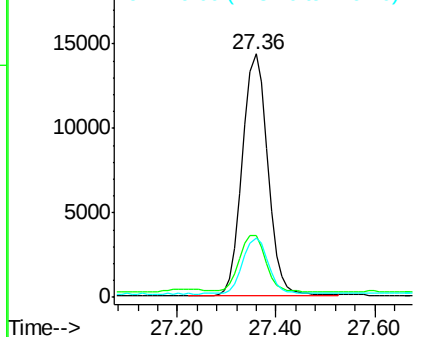
#27
Dibenzo(a,h)anthracene
Concen: 0.60 ng/ul
RT: 27.36 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BM002853.D
Acq: 06 Oct 2015 13:01

Tgt Ion: 278 Resp: 49761

Ion	Ratio	Lower	Upper
278	100		
139	25.5	21.7	32.5
279	24.5	21.9	32.9



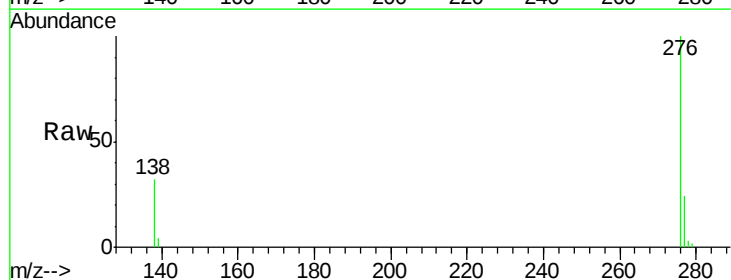
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#28
Benzo(g,h,i)perylene
Concen: 0.61 ng/ul
RT: 28.21 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM002853.D
Acq: 06 Oct 2015 13:01

Tgt Ion: 276 Resp: 55381

Ion	Ratio	Lower	Upper
276	100		
277	24.3	21.3	31.9
138	32.3	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

