Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
Data File : BM000659.D
Acq On : 04 Mar 2015 23:08
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SOIL-0.4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 05 02:53:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 02:50:23 2015
Response via : Initial Calibration

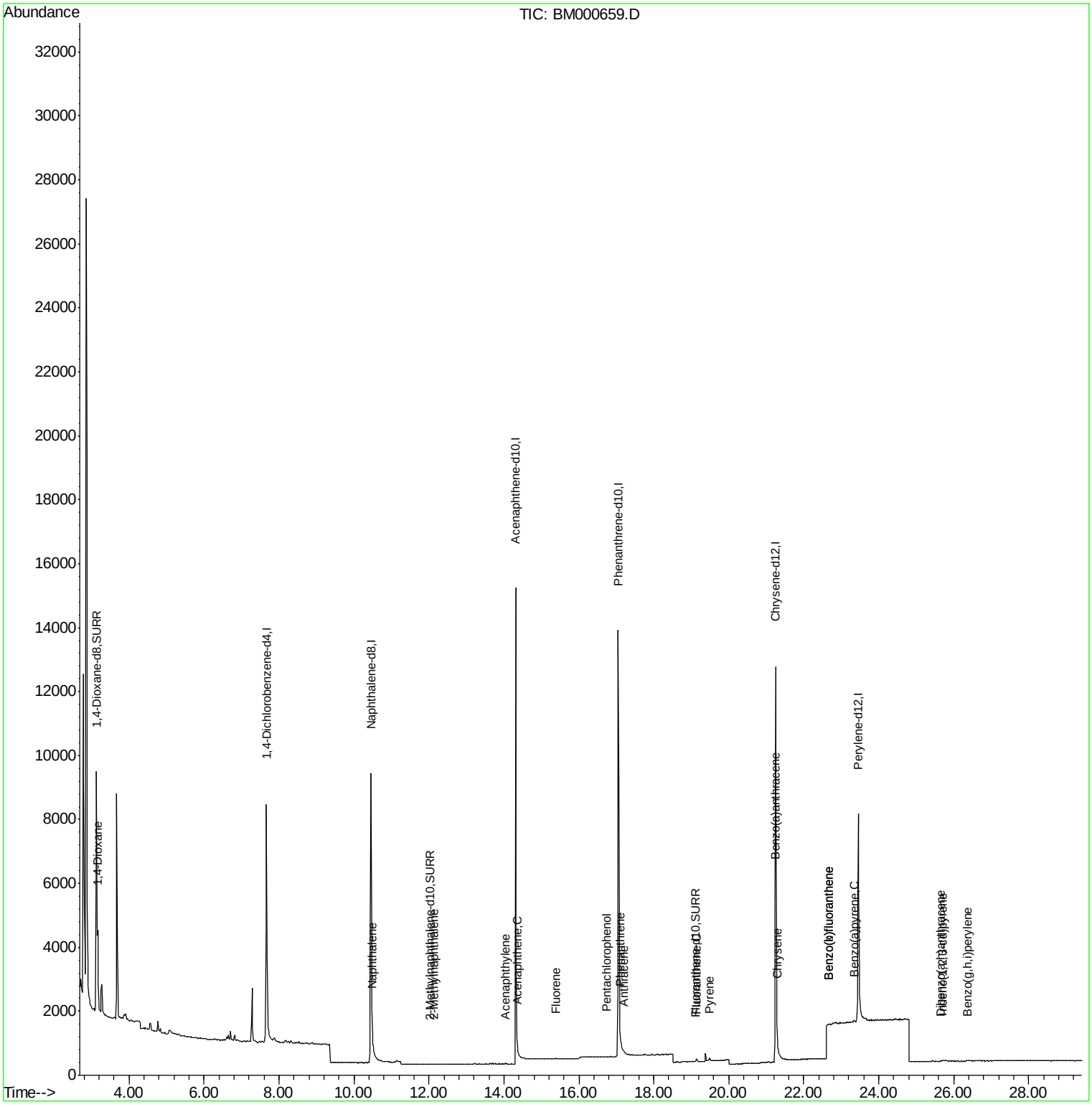
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4872	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17468	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	7713	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	21569	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	14620	0.40	ng/ul	-0.01
22) Perylene-d12	23.46	264	10976	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	6677	1.88	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.03	152	1	0.00	ng/ul	-0.01
16) Fluoranthene-d10	19.10	212	14	0.00	ng/ul	0.01
Target Compounds						Qvalue
3) 1,4-Dioxane	3.17	88	4346	0.79	ng/ul#	52
5) Naphthalene	10.49	128	28	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.14	142	32	0.00	ng/ul	99
9) Acenaphthylene	14.04	152	12	0.00	ng/ul#	1
10) Acenaphthene	14.36	153	15	0.00	ng/ul#	71
11) Fluorene	15.38	166	42	0.00	ng/ul#	47
13) Pentachlorophenol	16.74	266	5	0.00	ng/ul#	45
14) Phenanthrene	17.10	178	118	0.00	ng/ul#	1
15) Anthracene	17.19	178	67	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	101	0.00	ng/ul#	1
19) Pyrene	19.49	202	99	0.00	ng/ul#	1
20) Benzo(a)anthracene	21.24	228	101	0.00	ng/ul#	18
21) Chrysene	21.28	228	99	0.00	ng/ul#	15
23) Benzo(b)fluoranthene	22.67	252	909	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	22.67	252	909	0.02	ng/ul#	1
25) Benzo(a)pyrene	23.35	252	70	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.70	276	58	0.00	ng/ul#	66
27) Dibenzo(a,h)anthracene	25.65	278	2	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.37	276	73	0.00	ng/ul#	1

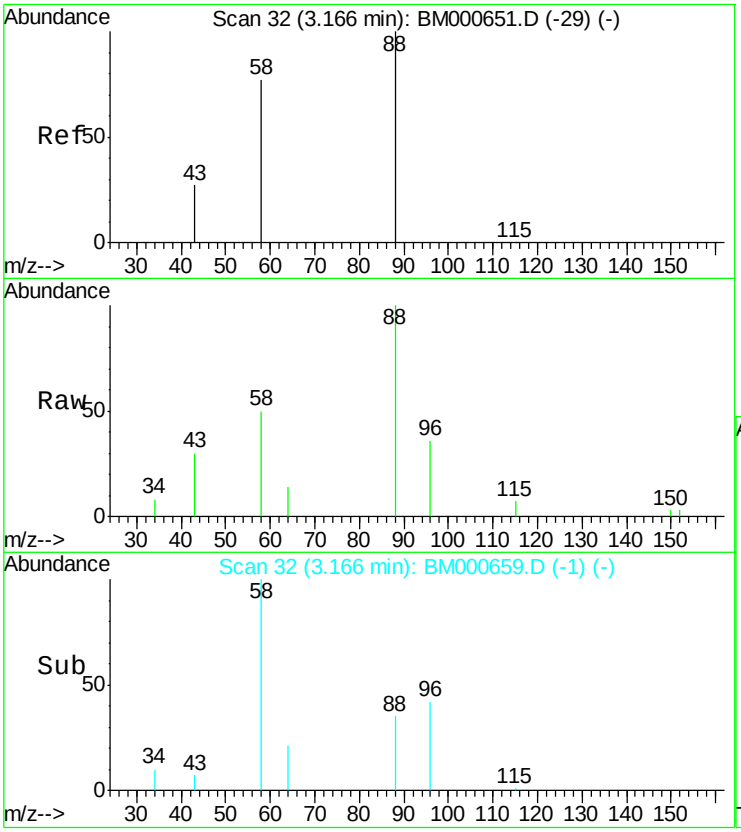
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030415\
Data File : BM000659.D
Acq On : 04 Mar 2015 23:08
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SOIL-0.4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 05 02:53:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 02:50:23 2015
Response via : Initial Calibration

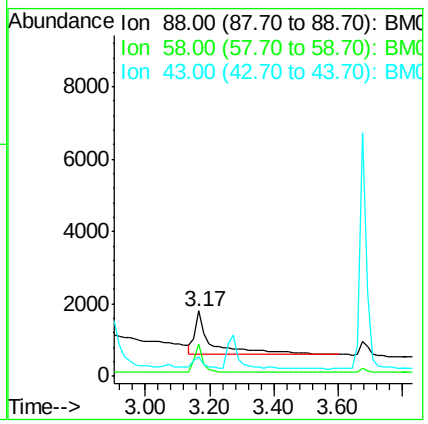


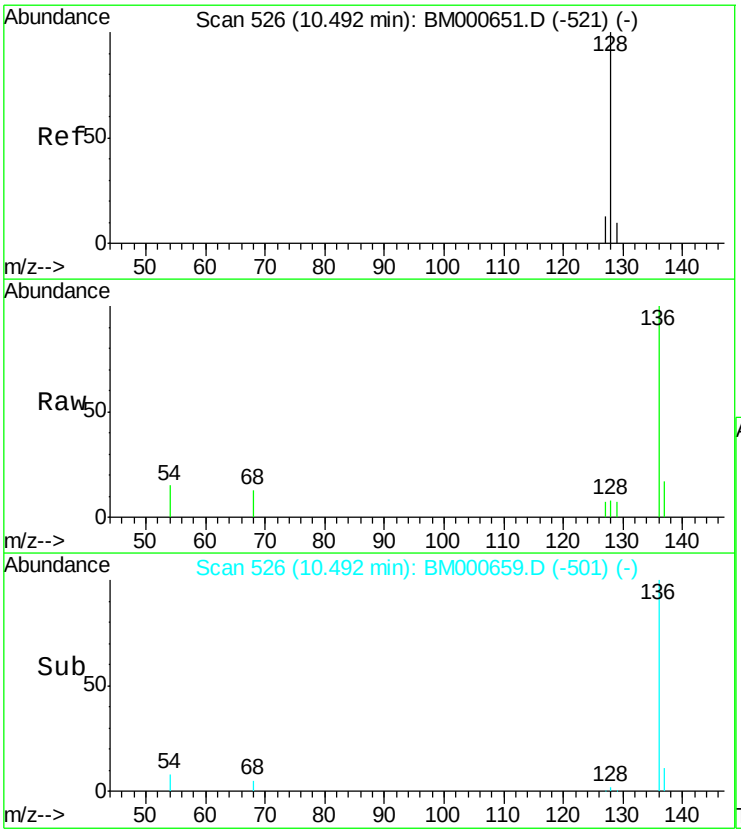


#3
1,4-Dioxane
Concen: 0.79 ng/ul
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion: 88 Resp: 4346

Ion	Ratio	Lower	Upper
88	100		
58	32.3	55.4	83.2#
43	0.0	24.2	36.2#

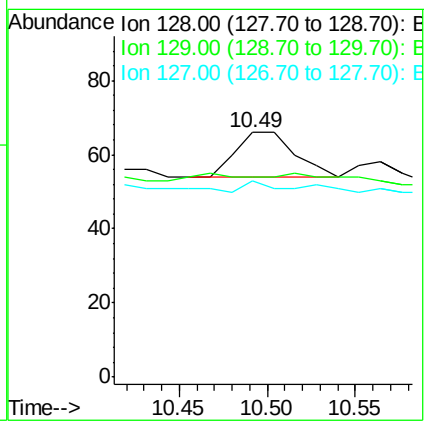


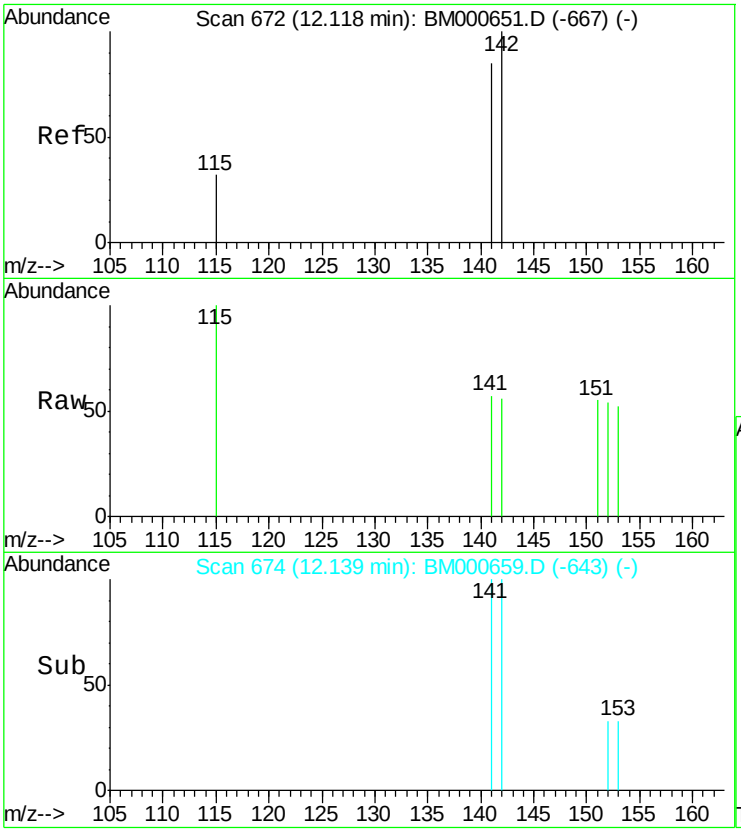


#5
Naphthalene
Concen: 0.00 ng/ul
RT: 10.49 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:128 Resp: 28

Ion	Ratio	Lower	Upper
128	100		
129	81.8	8.5	12.7#
127	80.3	11.0	16.6#

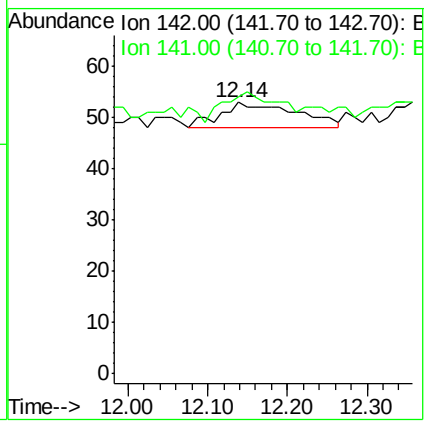


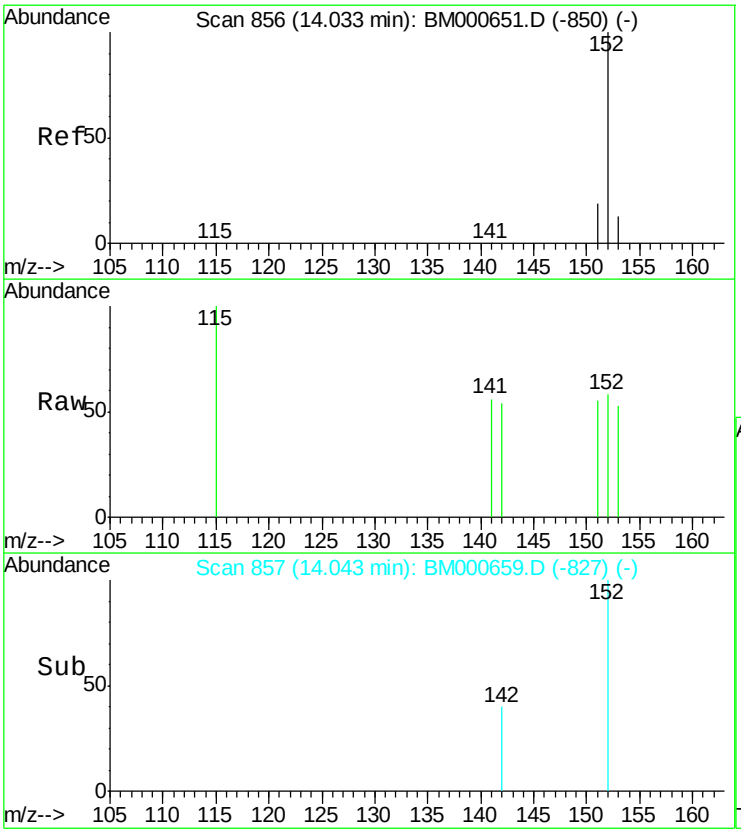


#7
2-Methylnaphthalene
Concen: 0.00 ng/ul
RT: 12.14 min Scan# 674
Delta R.T. 0.02 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:142 Resp: 32

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	106.0

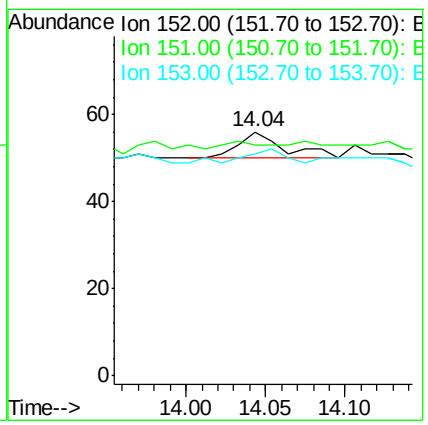


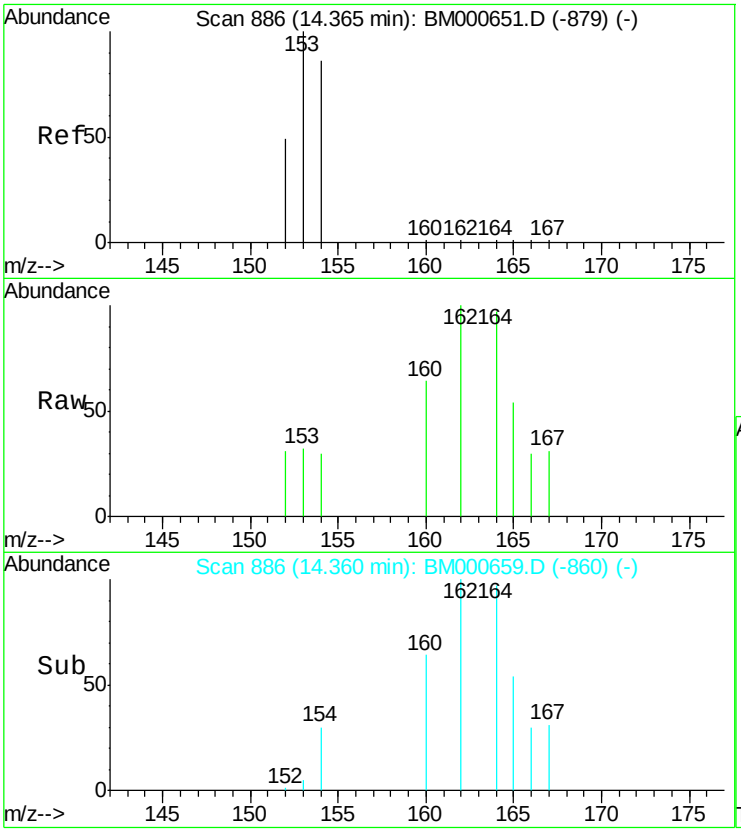


#9
Acenaphthylene
Concen: 0.00 ng/ul
RT: 14.04 min Scan# 857
Delta R.T. 0.01 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:152 Resp: 12

Ion	Ratio	Lower	Upper
152	100		
151	94.6	16.0	24.0#
153	91.1	10.2	15.4#

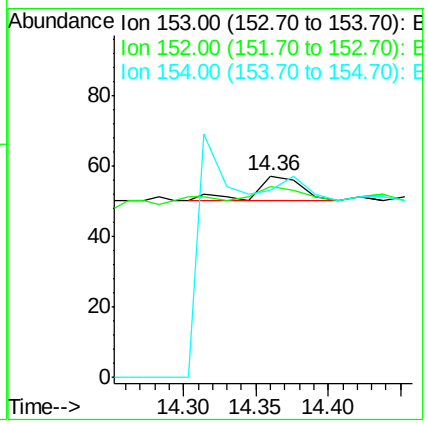


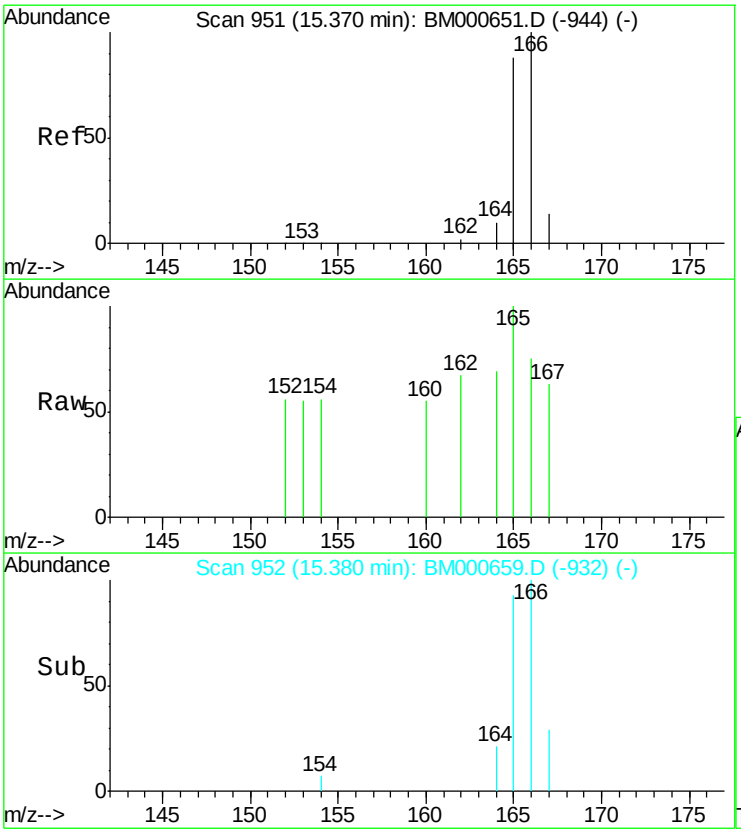


#10
Acenaphthene
Concen: 0.00 ng/ul
RT: 14.36 min Scan# 886
Delta R.T. -0.02 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:153 Resp: 15

Ion	Ratio	Lower	Upper
153	100		
152	94.7	34.2	51.2#
154	93.0	78.8	118.2

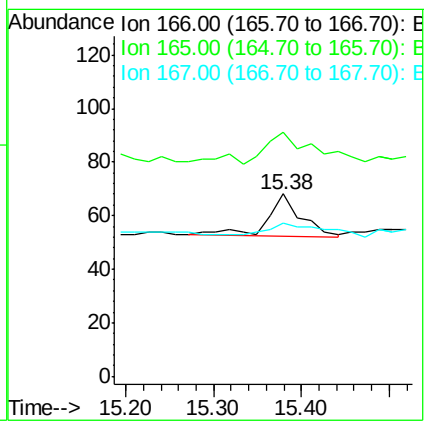


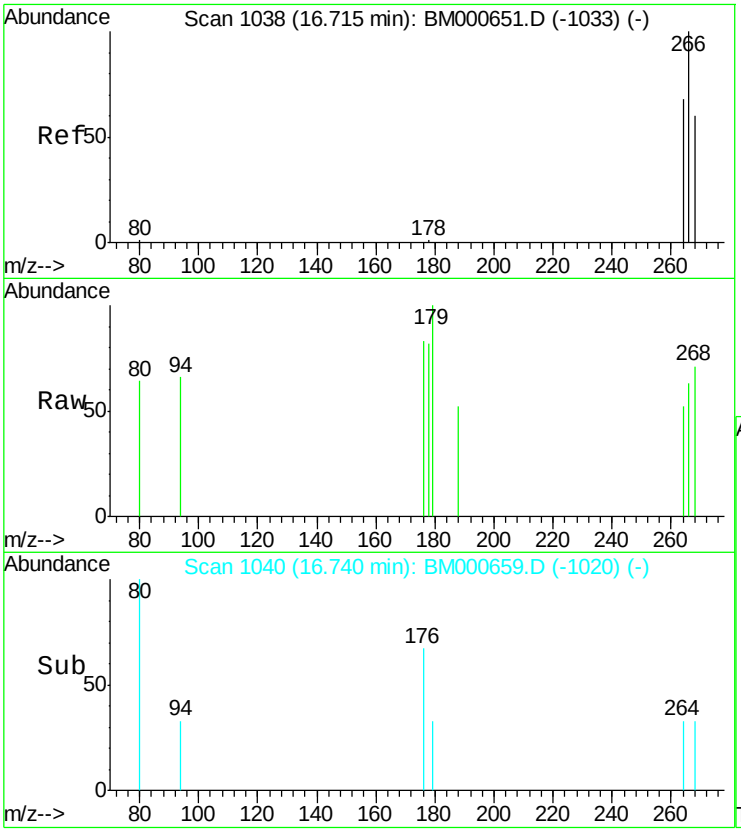


#11
Fluorene
Concen: 0.00 ng/ul
RT: 15.38 min Scan# 952
Delta R.T. 0.02 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:166 Resp: 42

Ion	Ratio	Lower	Upper
166	100		
165	133.8	78.5	117.7#
167	83.8	10.6	16.0#

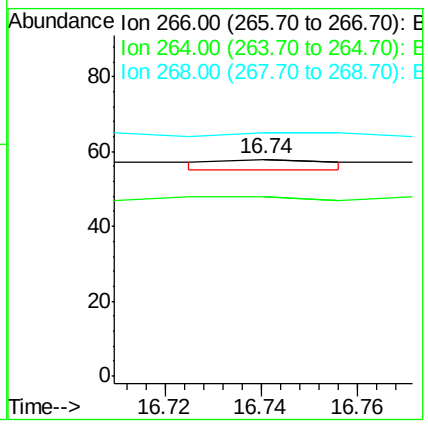


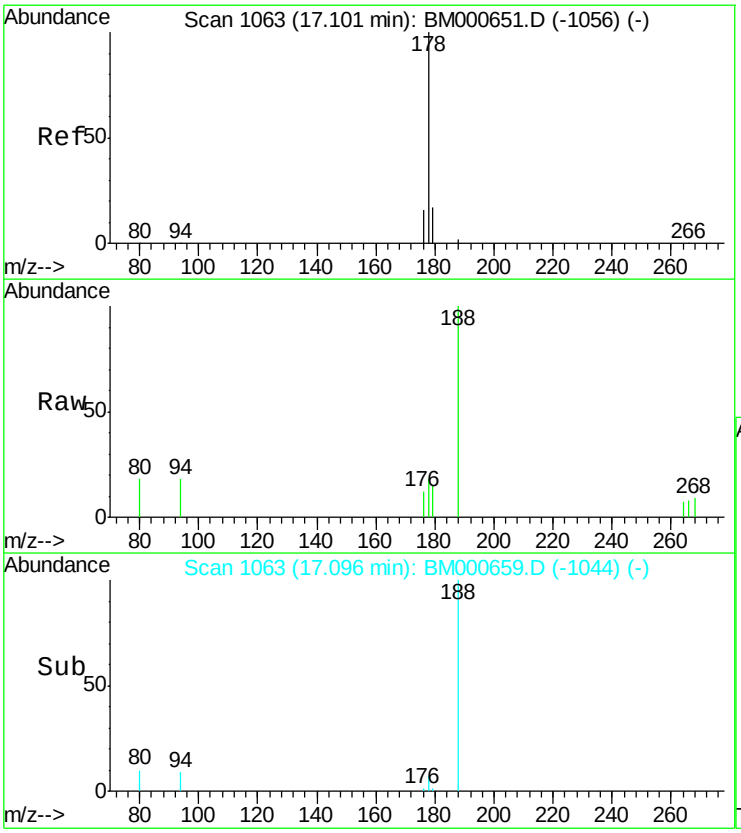


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.74 min Scan# 1040
Delta R.T. 0.02 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:266 Resp: 5

Ion	Ratio	Lower	Upper
266	100		
264	40.0	51.0	76.4#
268	0.0	49.4	74.2#

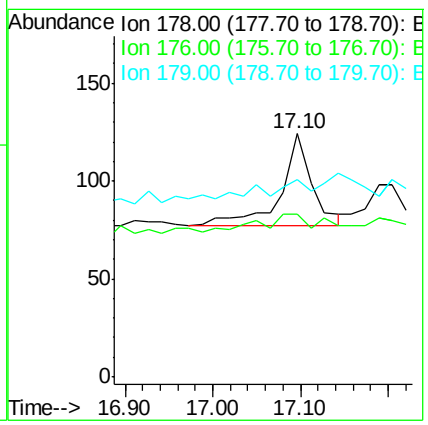


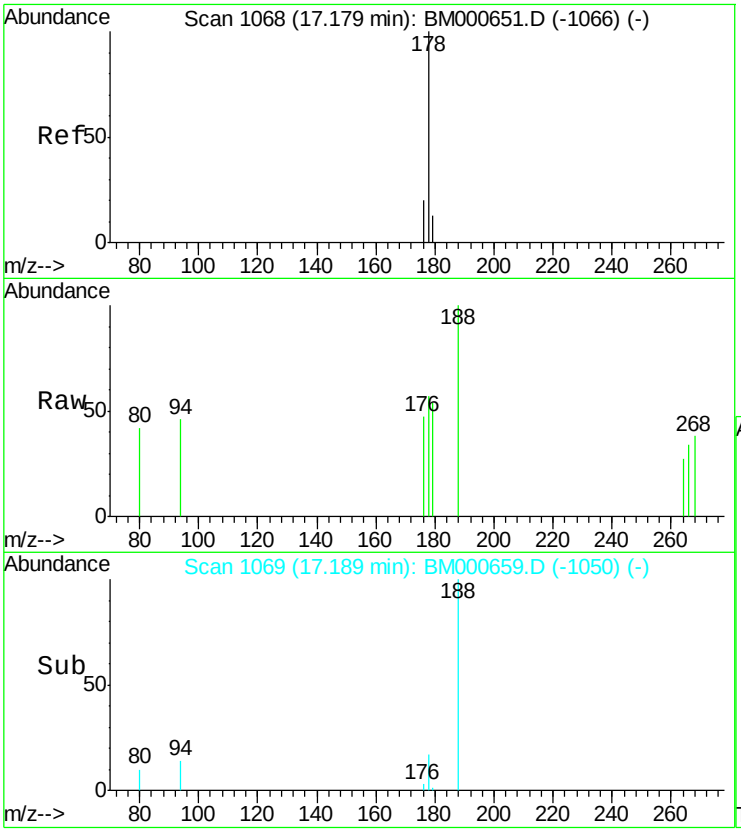


#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.10 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:178 Resp: 118

Ion	Ratio	Lower	Upper
178	100		
176	66.9	14.8	22.2#
179	81.5	12.7	19.1#

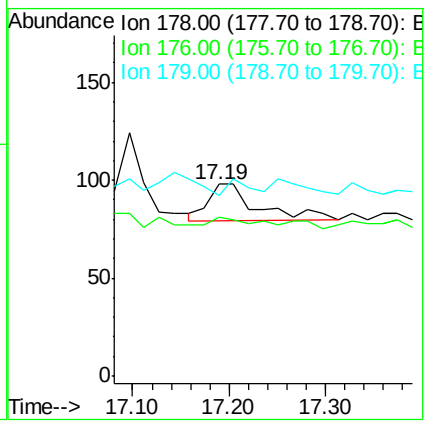


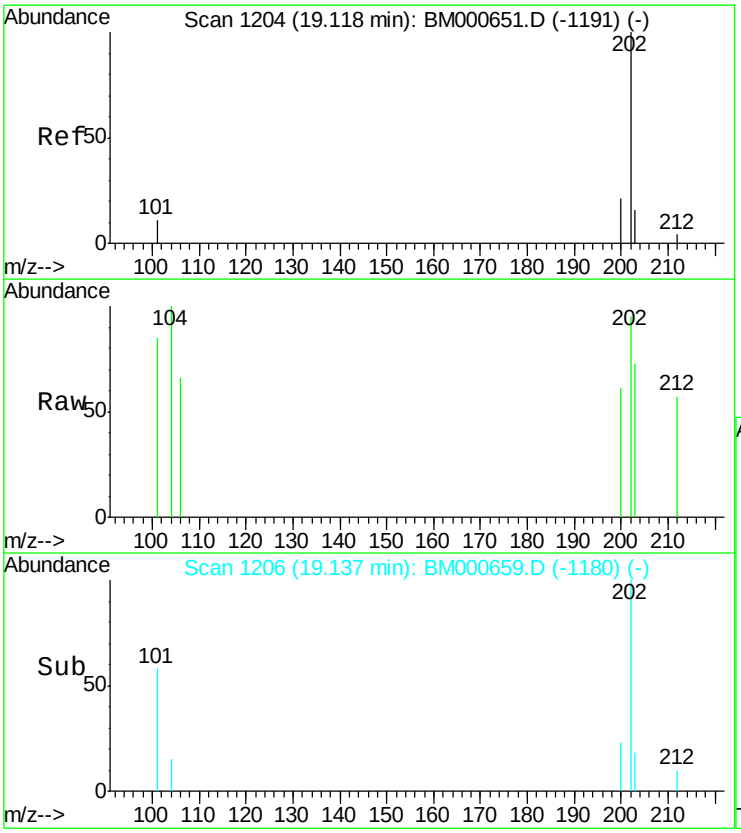


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.19 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:178 Resp: 67

Ion	Ratio	Lower	Upper
178	100		
176	82.7	14.2	21.4#
179	93.9	12.8	19.2#

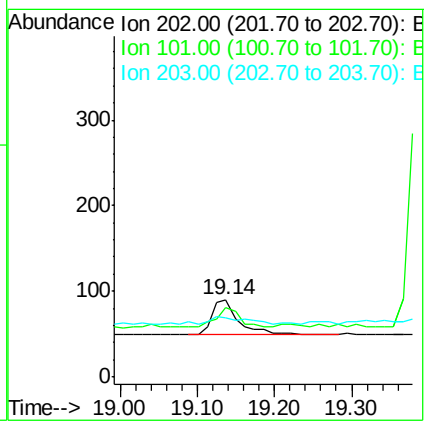


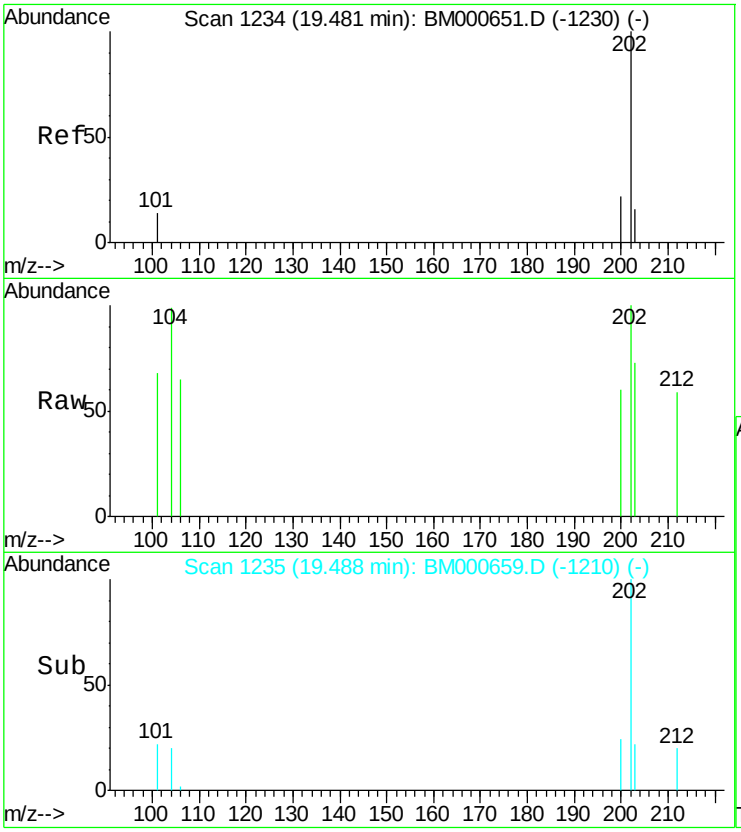


#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.14 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:202 Resp: 101

Ion	Ratio	Lower	Upper
202	100		
101	90.0	0.0	27.0#
203	76.7	0.0	38.5#

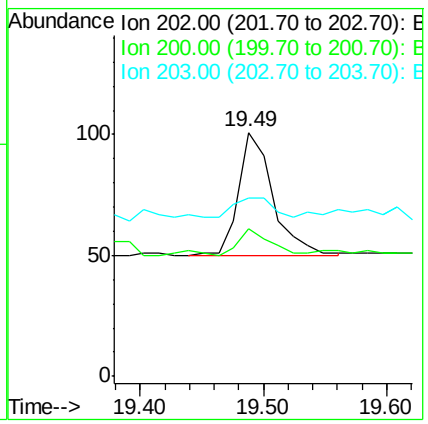


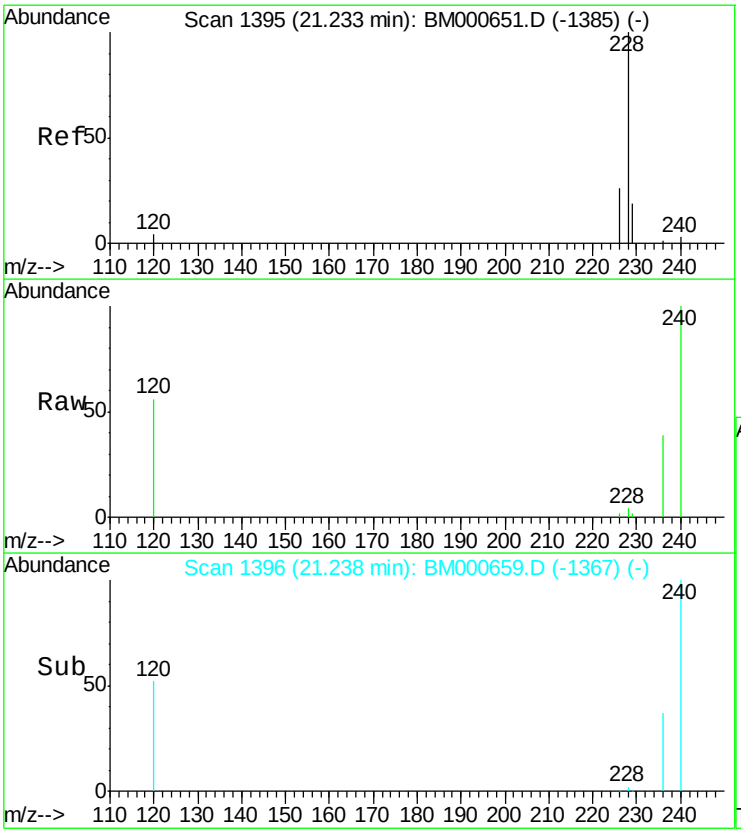


#19
Pyrene
Concen: 0.00 ng/ul
RT: 19.49 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:202 Resp: 99

Ion	Ratio	Lower	Upper
202	100		
200	60.4	15.5	23.3#
203	73.3	14.2	21.2#

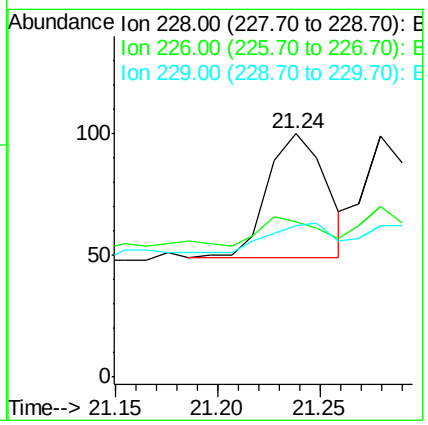


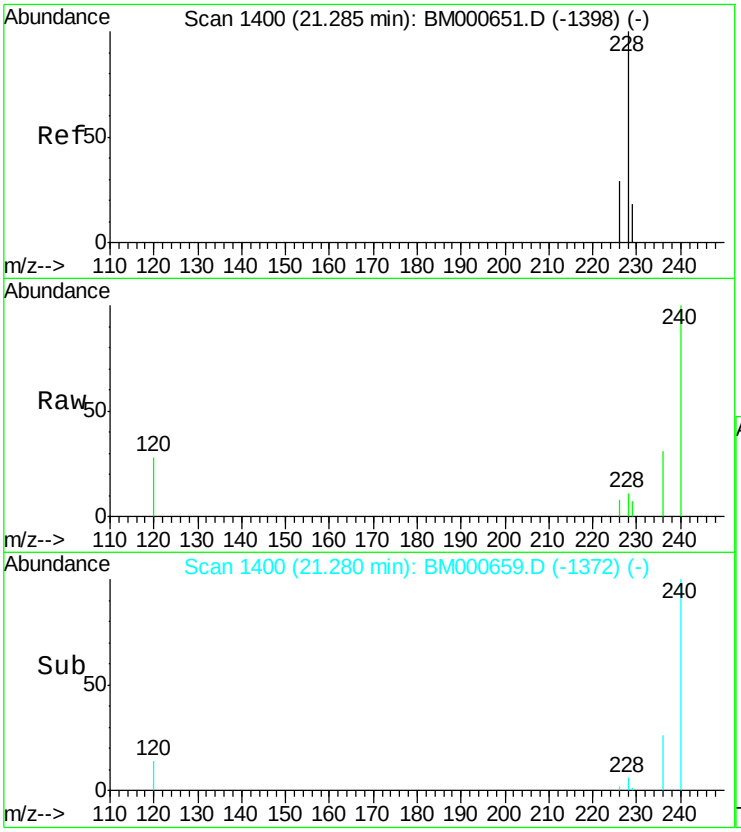


#20
Benzo(a)anthracene
Concen: 0.00 ng/ul
RT: 21.24 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:228 Resp: 101

Ion	Ratio	Lower	Upper
228	100		
226	64.0	20.0	30.0#
229	62.0	16.7	25.1#

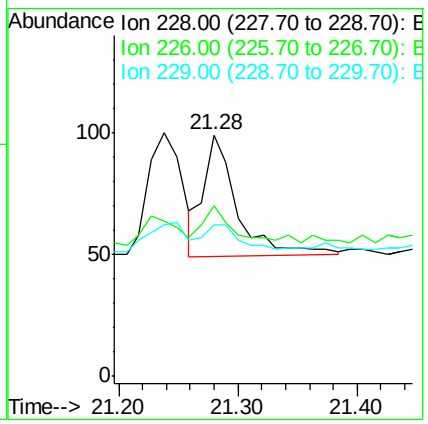


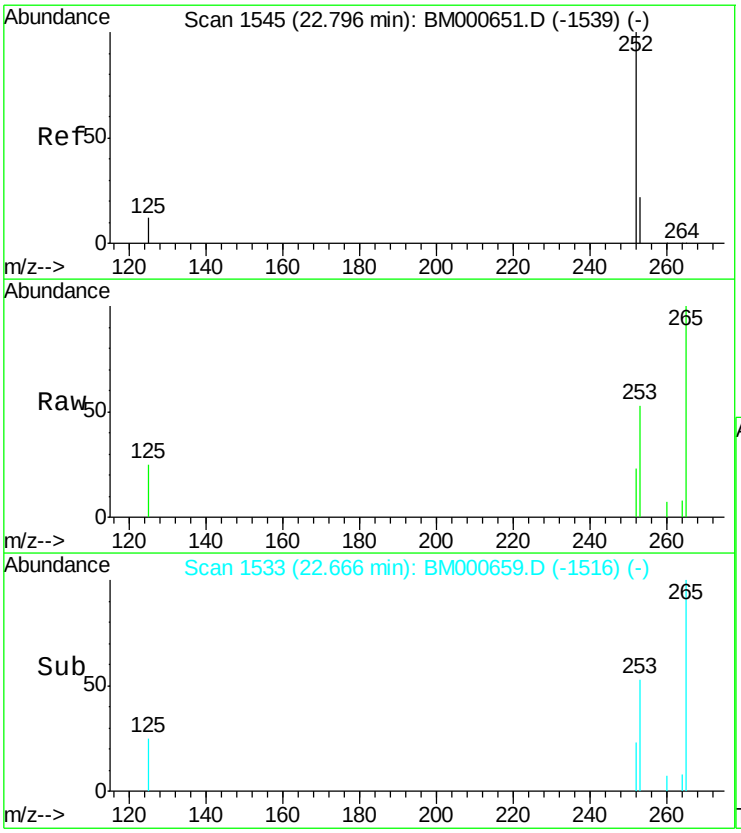


#21
Chrysene
Concen: 0.00 ng/ul
RT: 21.28 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:228 Resp: 99

Ion	Ratio	Lower	Upper
228	100		
226	70.7	22.6	33.8#
229	62.6	16.4	24.6#

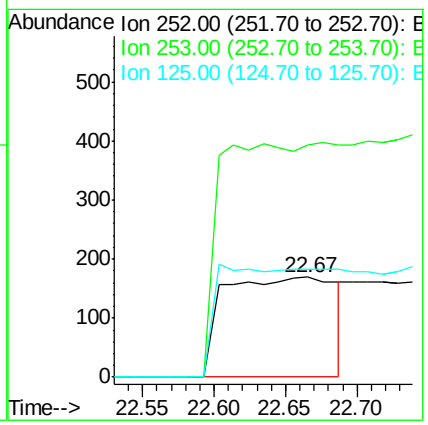


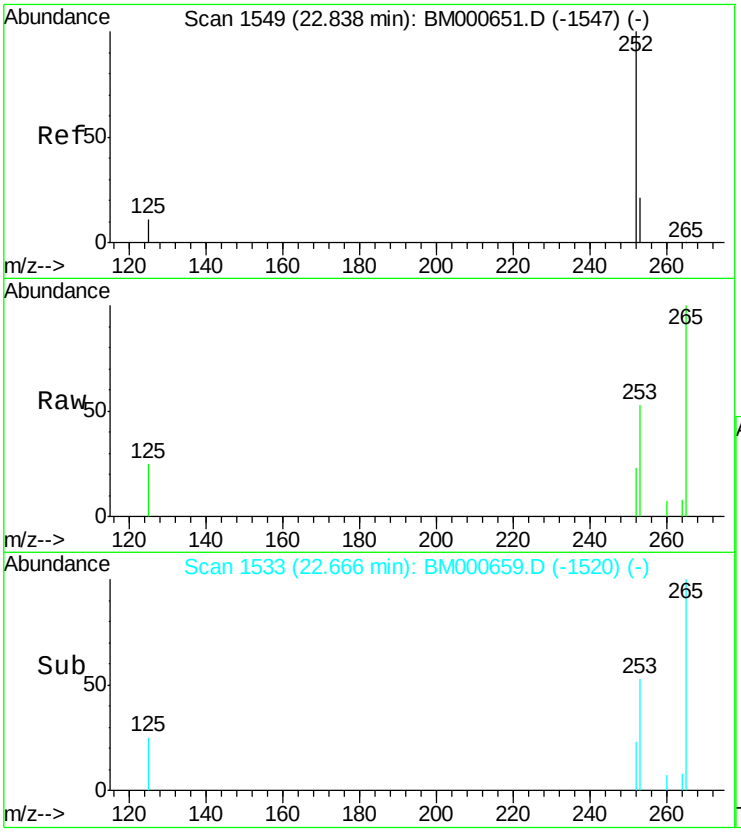


#23
Benzo(b)fluoranthene
Concen: 0.02 ng/ul
RT: 22.67 min Scan# 1533
Delta R.T. -0.13 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:252 Resp: 909

Ion	Ratio	Lower	Upper
252	100		
253	232.5	0.0	51.2#
125	108.9	0.0	30.0#

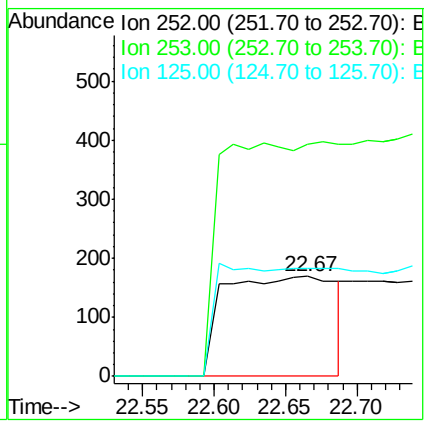


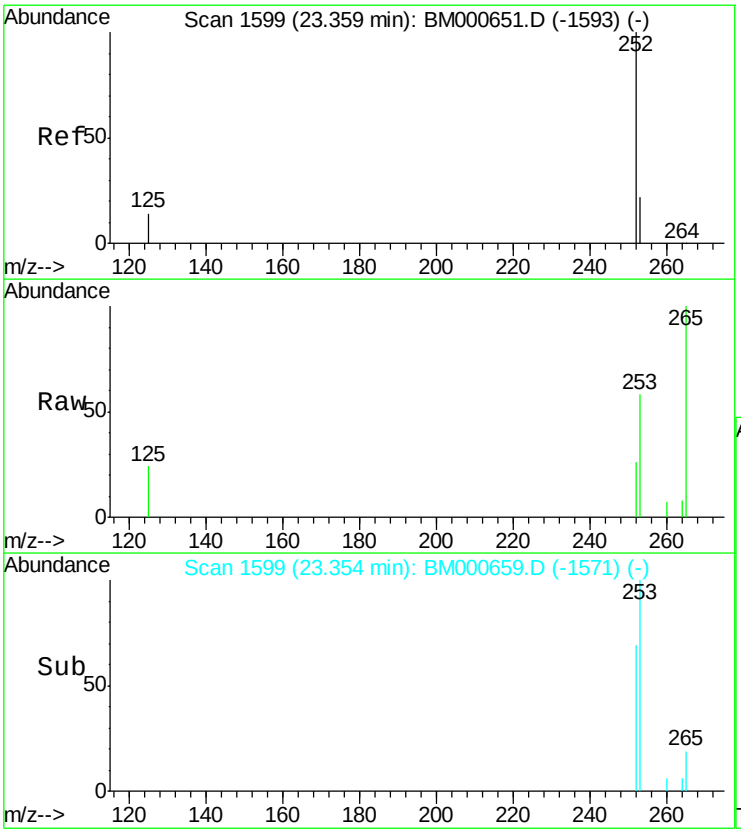


#24
Benzo(k)fluoranthene
Concen: 0.02 ng/ul
RT: 22.67 min Scan# 1533
Delta R.T. -0.17 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:252 Resp: 909

Ion	Ratio	Lower	Upper
252	100		
253	232.5	20.5	30.7#
125	108.9	11.8	17.6#

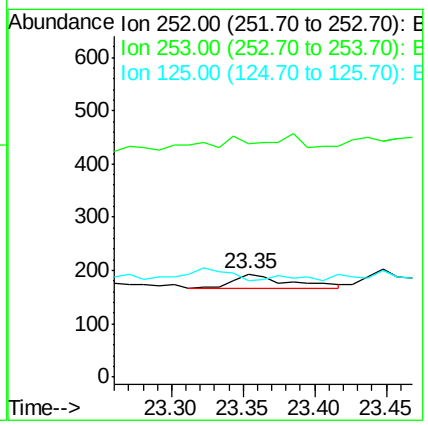


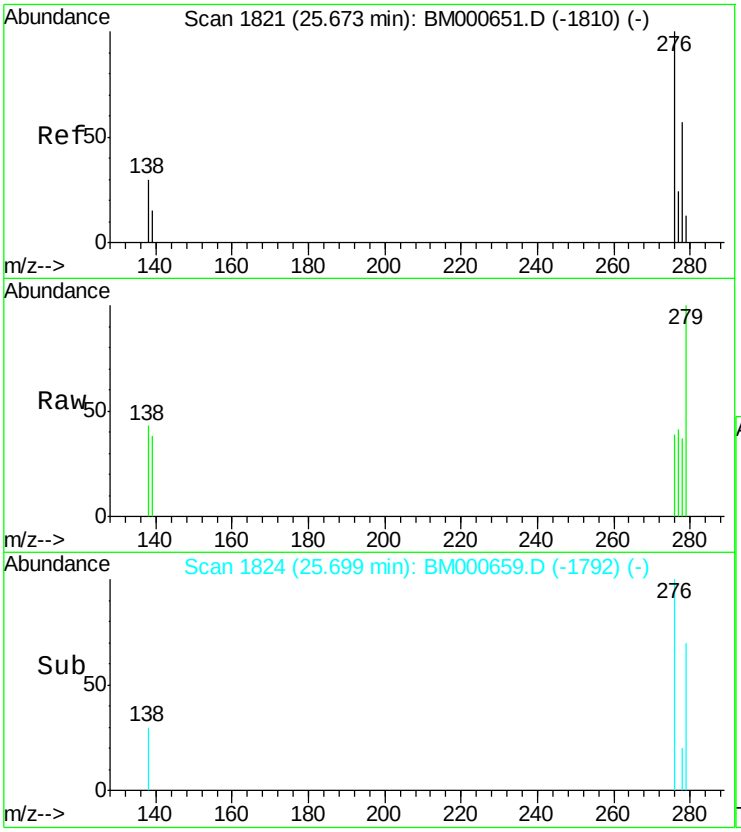


#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.35 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:252 Resp: 70

Ion	Ratio	Lower	Upper
252	100		
253	226.9	23.4	35.0#
125	93.3	12.2	18.4#

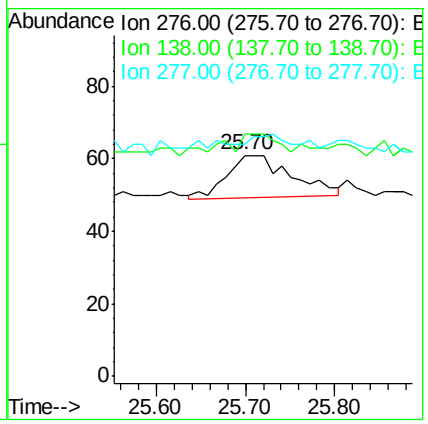


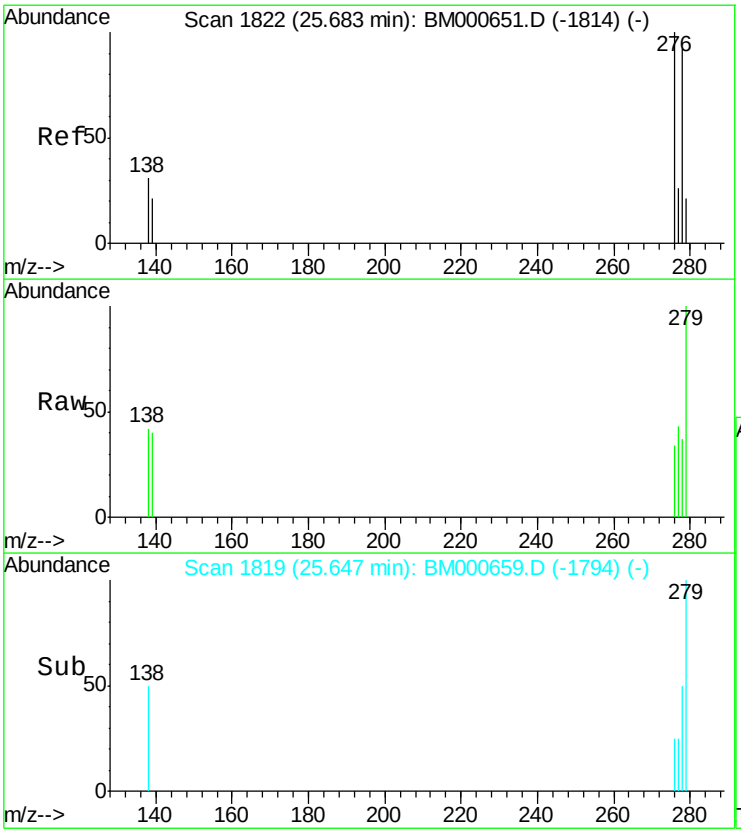


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.70 min Scan# 1824
Delta R.T. 0.03 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:276 Resp: 58

Ion	Ratio	Lower	Upper
276	100		
138	41.4	23.8	35.8#
277	0.0	19.7	29.5#

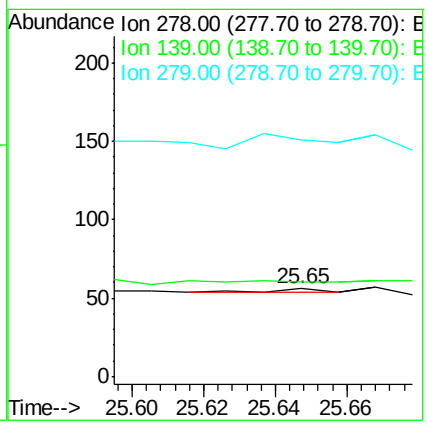


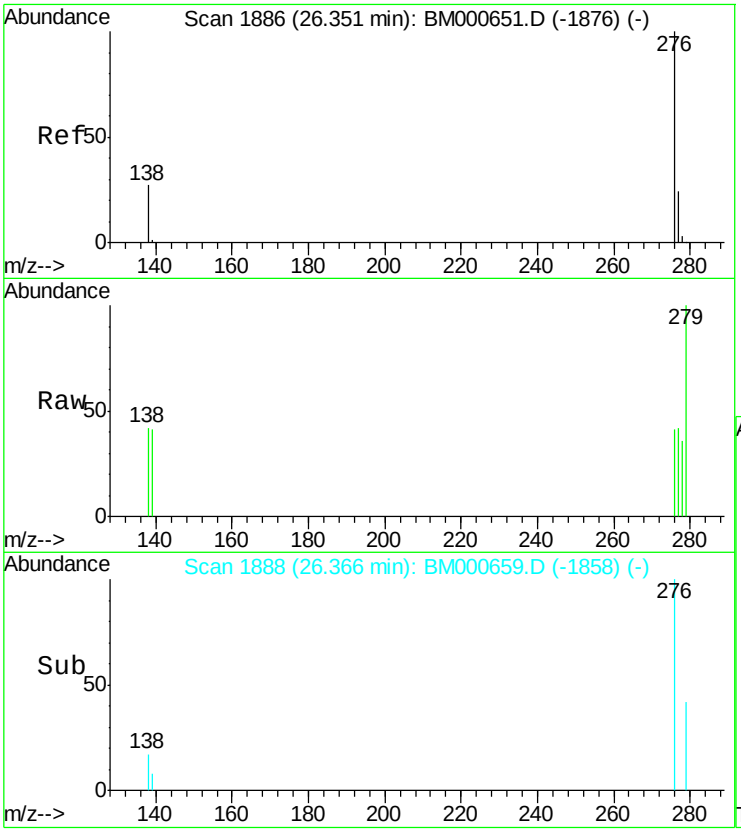


#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.65 min Scan# 1819
Delta R.T. -0.04 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:278 Resp: 2

Ion	Ratio	Lower	Upper
278	100		
139	107.1	17.0	25.6#
279	269.6	22.3	33.5#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.37 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BM000659.D
Acq: 04 Mar 2015 23:08

Tgt Ion:276 Resp: 73

Ion	Ratio	Lower	Upper
276	100		
277	103.2	19.9	29.9#
138	101.6	20.6	30.8#