Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010915\
Data File : BM000156.D
Acq On : 09 Jan 2015 13:42
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SOIL-0.15PPM-SIM
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jan 09 22:10:42 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

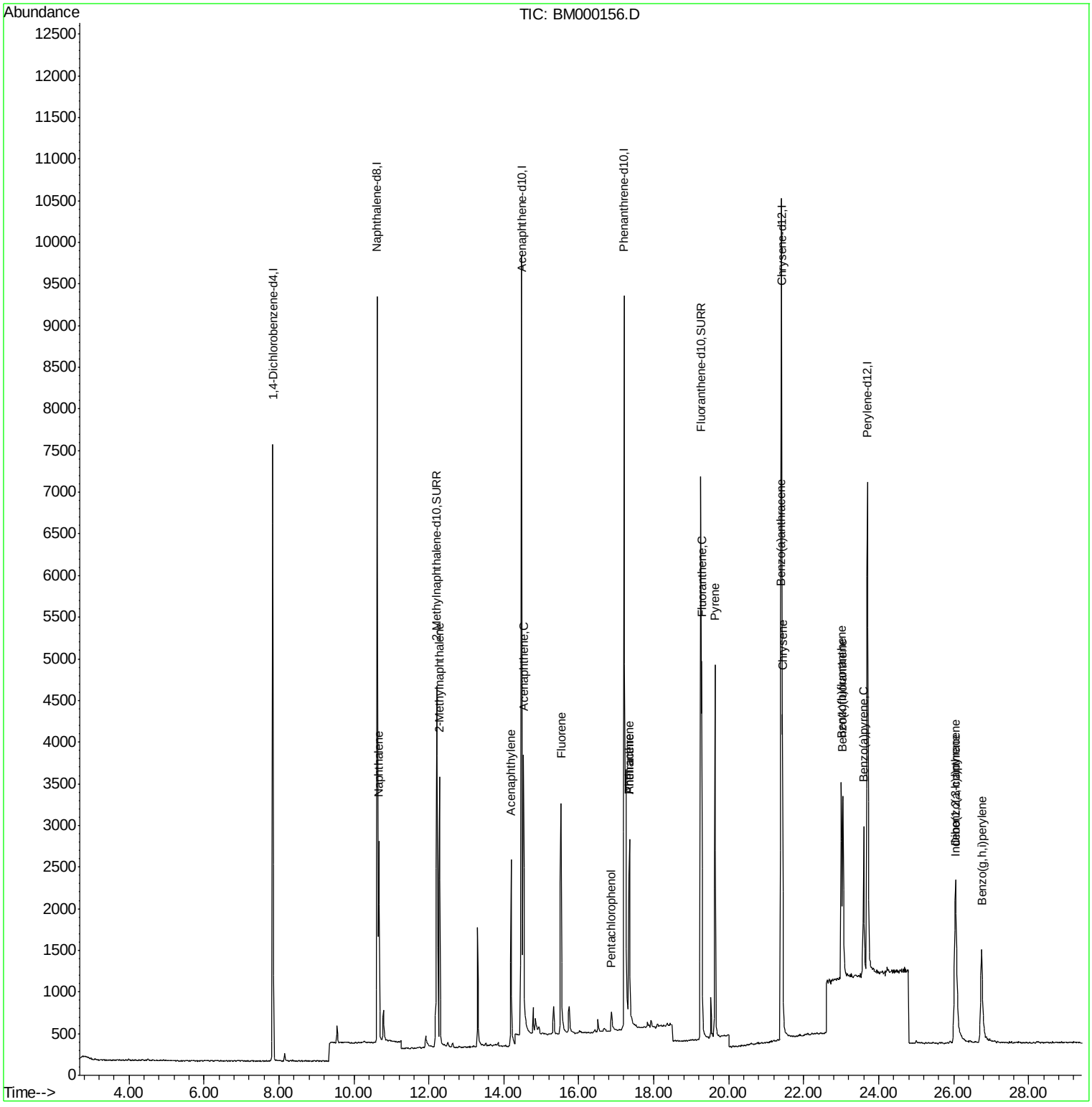
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3621	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.62	136	12349	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.47	164	7937	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	13775	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	10514	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	9384	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	6505	0.40	ng/ul	-0.01
14) Fluoranthene-d10	19.25	212	9548	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.67	128	3330	0.10	ng/ul	95
5) 2-Methylnaphthalene	12.28	142	2208	0.10	ng/ul	98
7) Acenaphthylene	14.19	152	3348	0.08	ng/ul	95
8) Acenaphthene	14.52	153	2342	0.09	ng/ul	85
9) Fluorene	15.52	166	2622	0.09	ng/ul#	95
11) Pentachlorophenol	16.87	266	318	0.15	ng/ul	93
12) Phenanthrene	17.35	178	3579	0.08	ng/ul	95
13) Anthracene	17.35	178	3753	0.09	ng/ul	95
15) Fluoranthene	19.27	202	4401	0.09	ng/ul	94
17) Pyrene	19.64	202	4517	0.10	ng/ul	97
18) Benzo(a)anthracene	21.39	228	3339	0.10	ng/ul	96
19) Chrysene	21.44	228	3742	0.10	ng/ul	99
21) Benzo(b)fluoranthene	23.00	252	3383	0.09	ng/ul	84
22) Benzo(k)fluoranthene	23.04	252	3604	0.10	ng/ul#	85
23) Benzo(a)pyrene	23.60	252	3252	0.10	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.03	276	3693	0.10	ng/ul	99
25) Dibenzo(a,h)anthracene	26.06	278	2902	0.10	ng/ul#	83
26) Benzo(g,h,i)perylene	26.74	276	3304	0.10	ng/ul	92

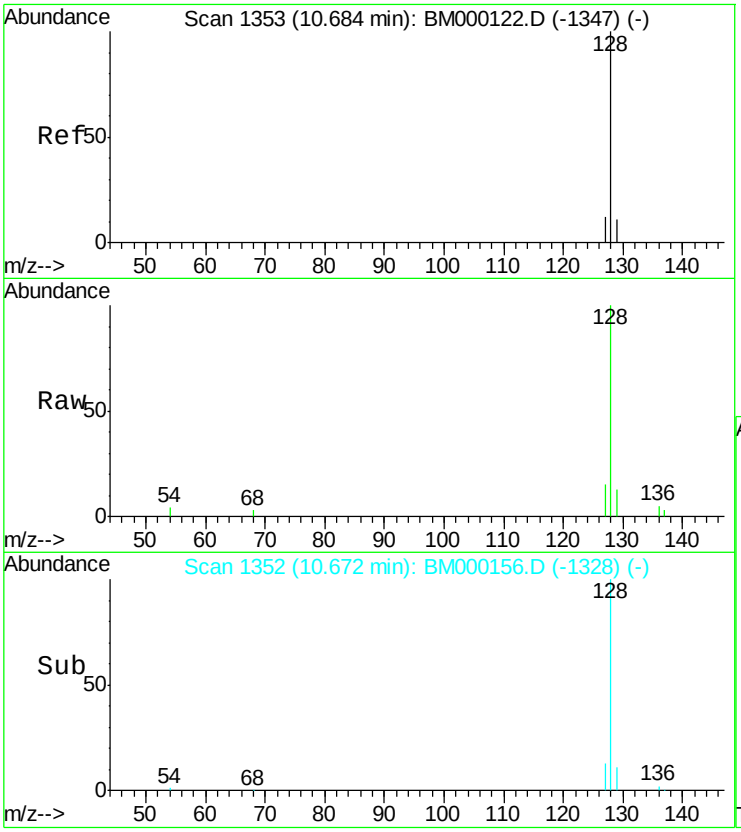
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010915\
Data File : BM000156.D
Acq On : 09 Jan 2015 13:42
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SOIL-0.15PPM-SIM
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jan 09 22:10:42 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

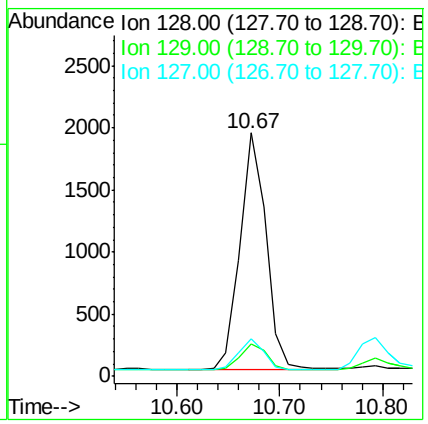


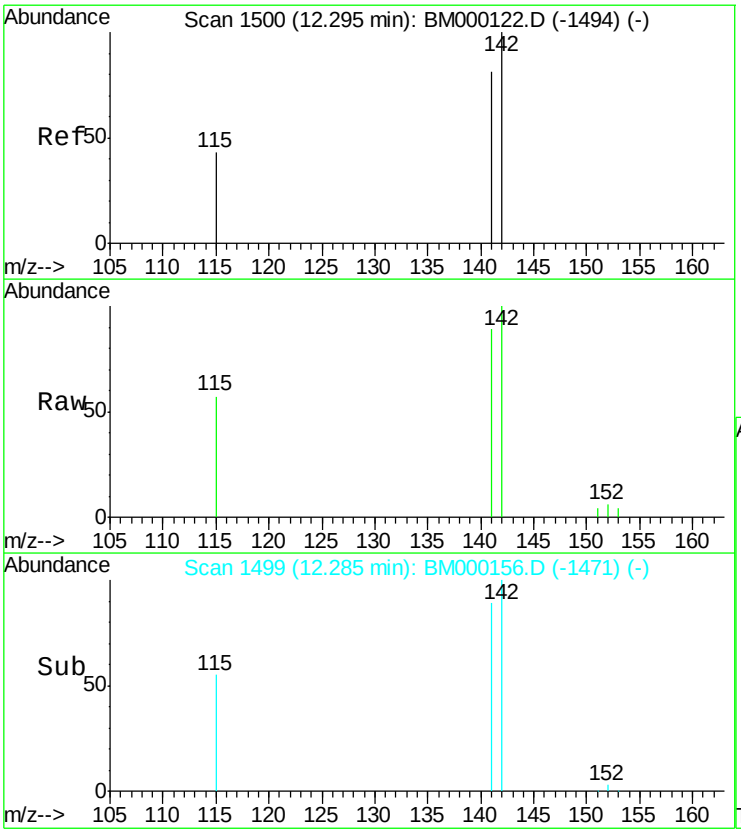


#3
Naphthalene
Concen: 0.10 ng/ul
RT: 10.67 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:128 Resp: 3330

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.5	14.3
127	15.4	10.4	15.6

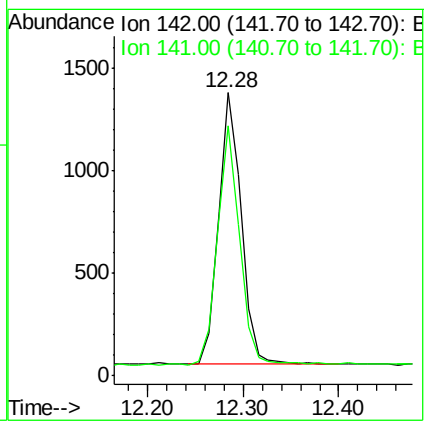


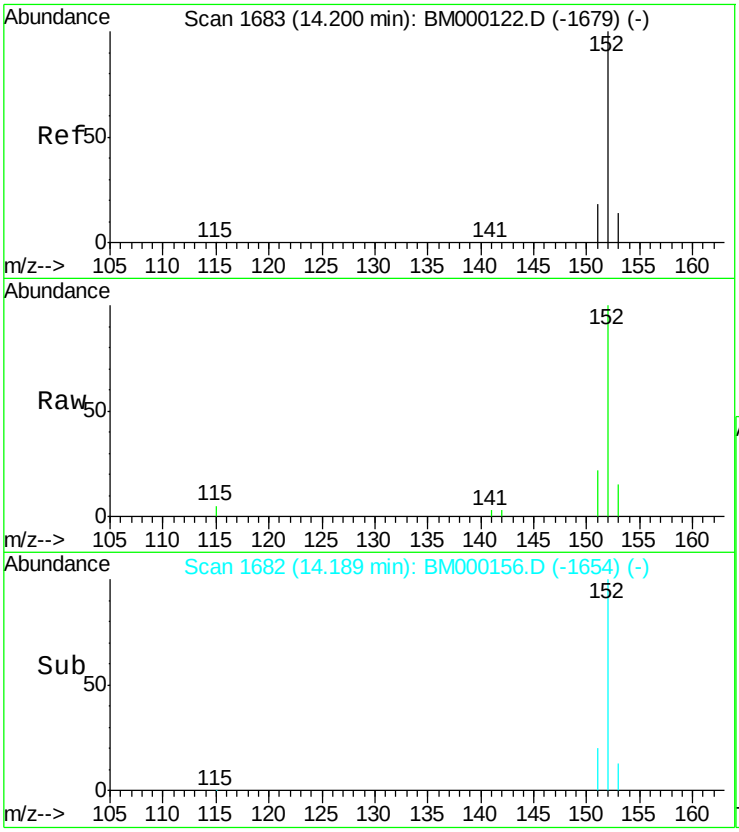


#5
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.28 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:142 Resp: 2208

Ion	Ratio	Lower	Upper
142	100		
141	88.0	68.9	103.3

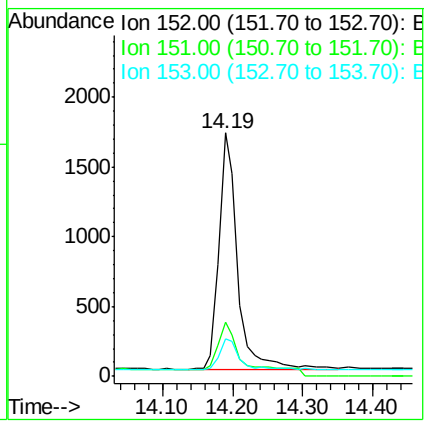


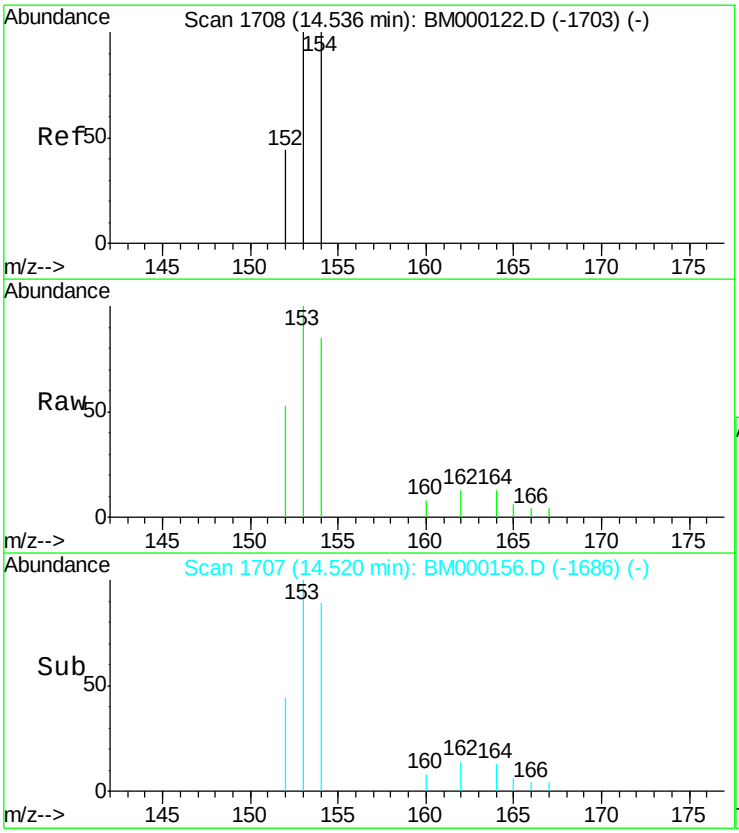


#7
Acenaphthylene
Concen: 0.08 ng/ul
RT: 14.19 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:152 Resp: 3348

Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.4	23.2
153	15.3	11.0	16.4

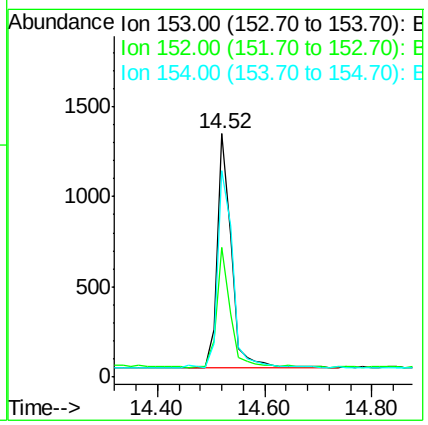


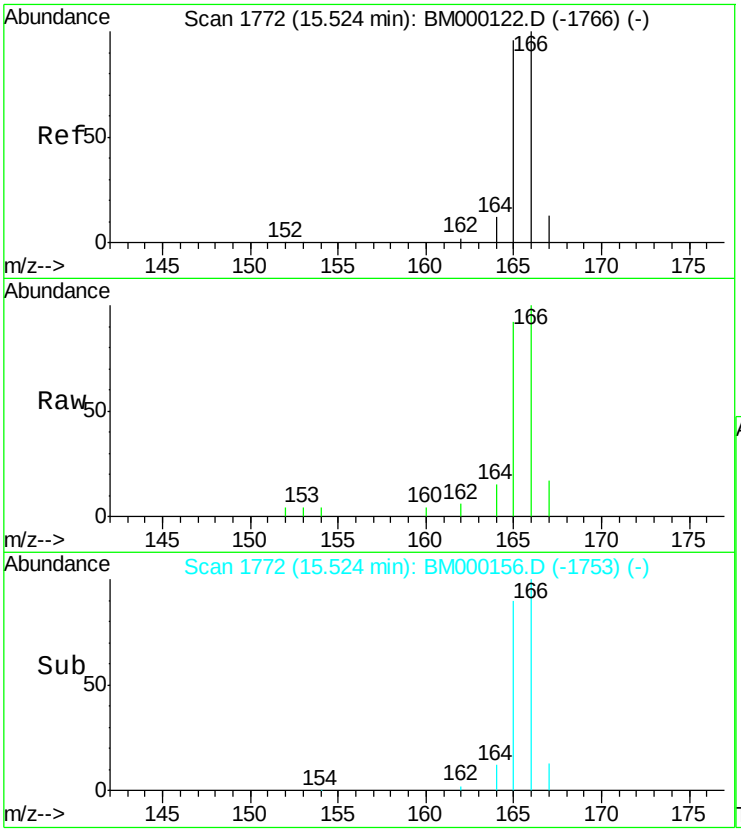


#8
Acenaphthene
Concen: 0.09 ng/ul
RT: 14.52 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:153 Resp: 2342

Ion	Ratio	Lower	Upper
153	100		
152	53.2	35.8	53.6
154	84.7	79.9	119.9

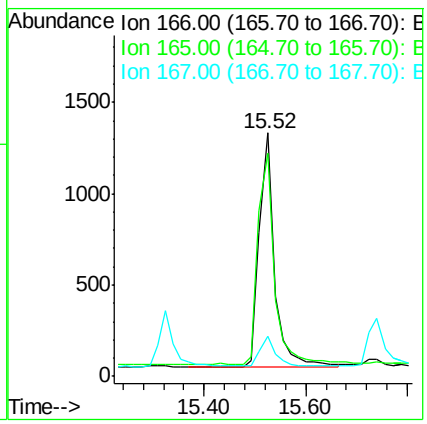


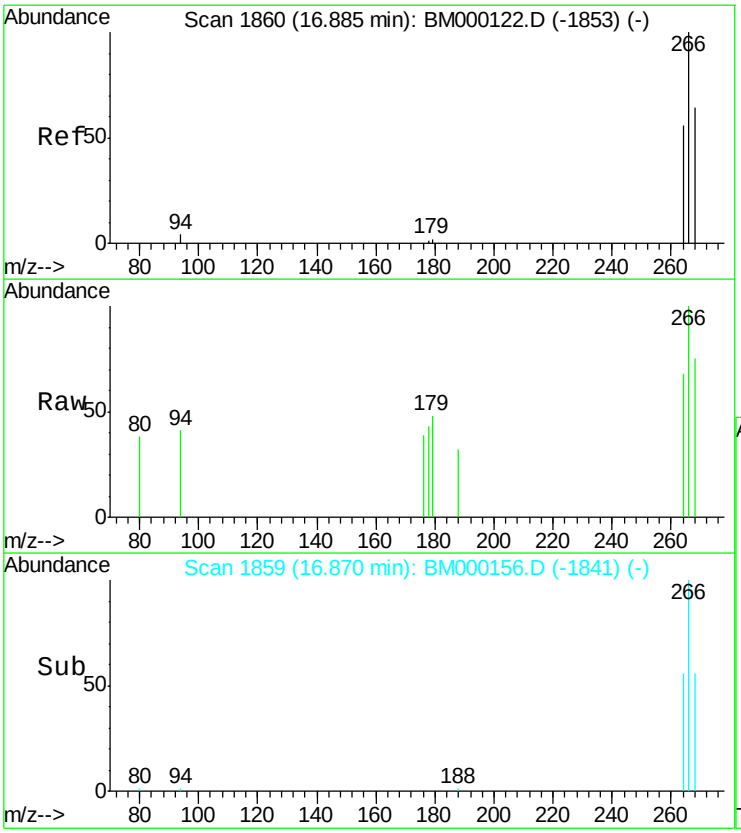


#9
Fluorene
Concen: 0.09 ng/ul
RT: 15.52 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:166 Resp: 2622

Ion	Ratio	Lower	Upper
166	100		
165	91.7	77.0	115.4
167	16.6	11.0	16.6#

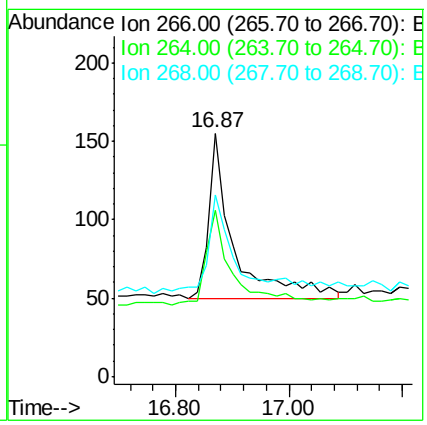


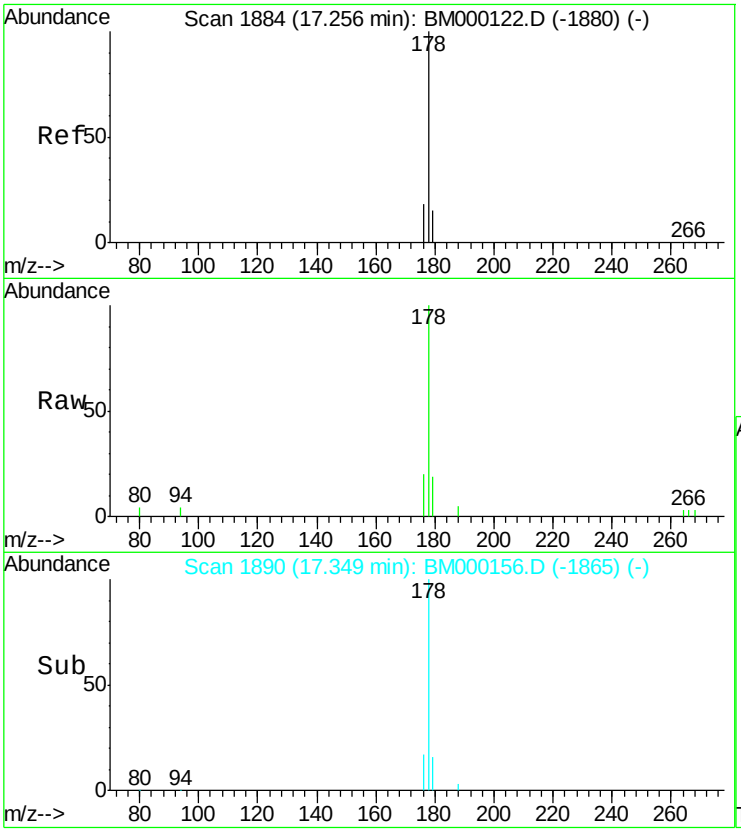


#11
Pentachlorophenol
Concen: 0.15 ng/ul
RT: 16.87 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:266 Resp: 318

Ion	Ratio	Lower	Upper
266	100		
264	59.7	53.9	80.9
268	58.2	49.2	73.8

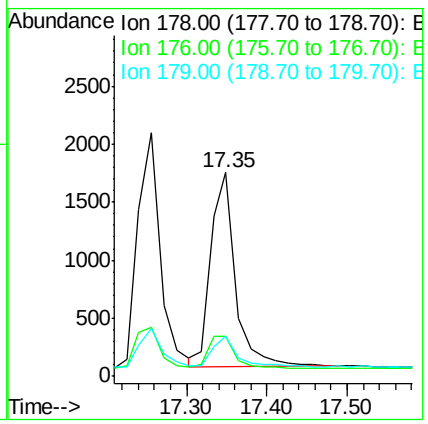


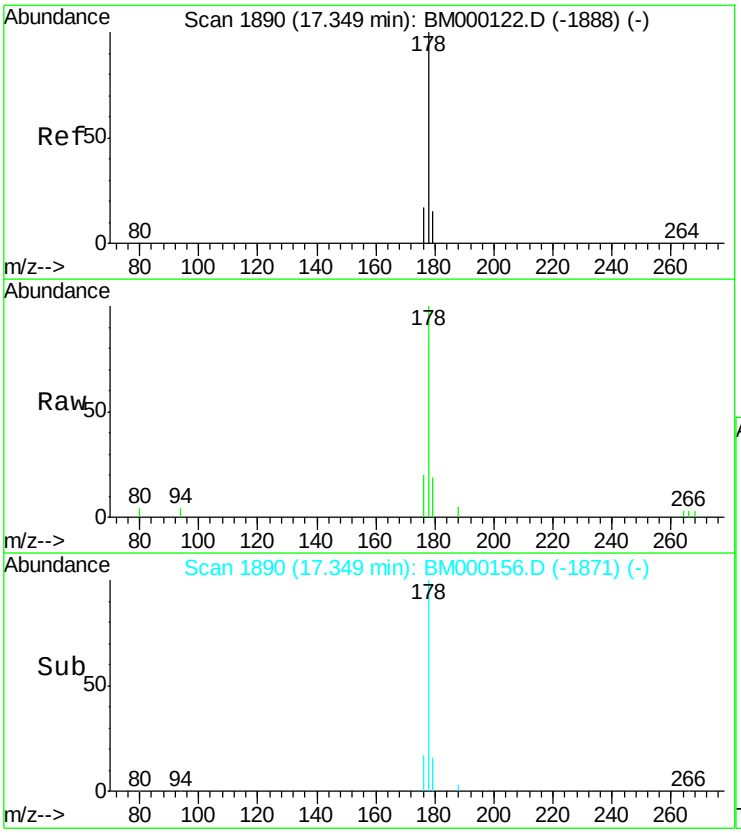


#12
Phenanthrene
Concen: 0.08 ng/ul
RT: 17.35 min Scan# 1890
Delta R.T. 0.09 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:178 Resp: 3579

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	19.4	13.0	19.4

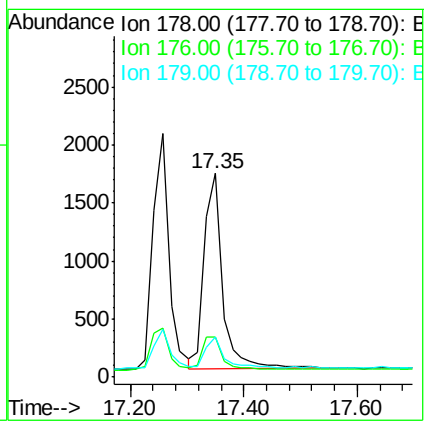


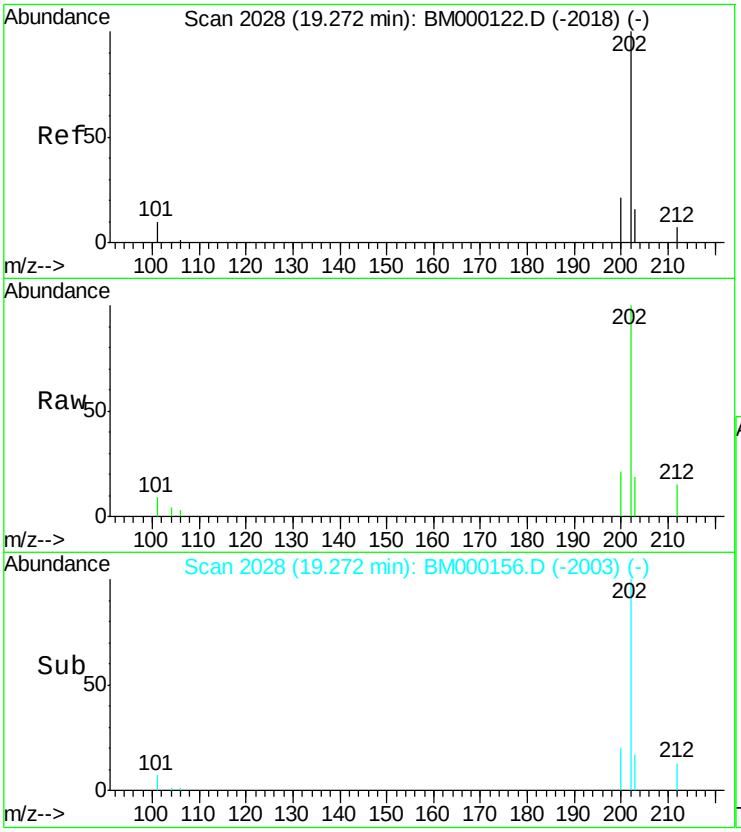


#13
Anthracene
Concen: 0.09 ng/ul
RT: 17.35 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:178 Resp: 3753

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.6	21.8
179	19.4	13.1	19.7

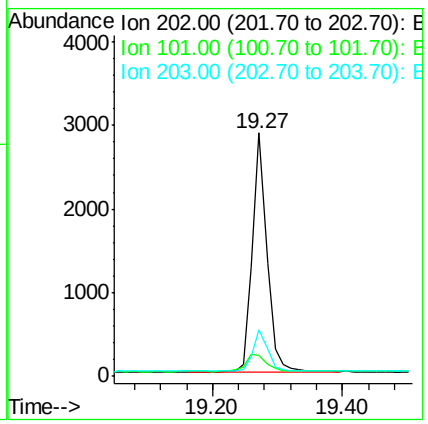


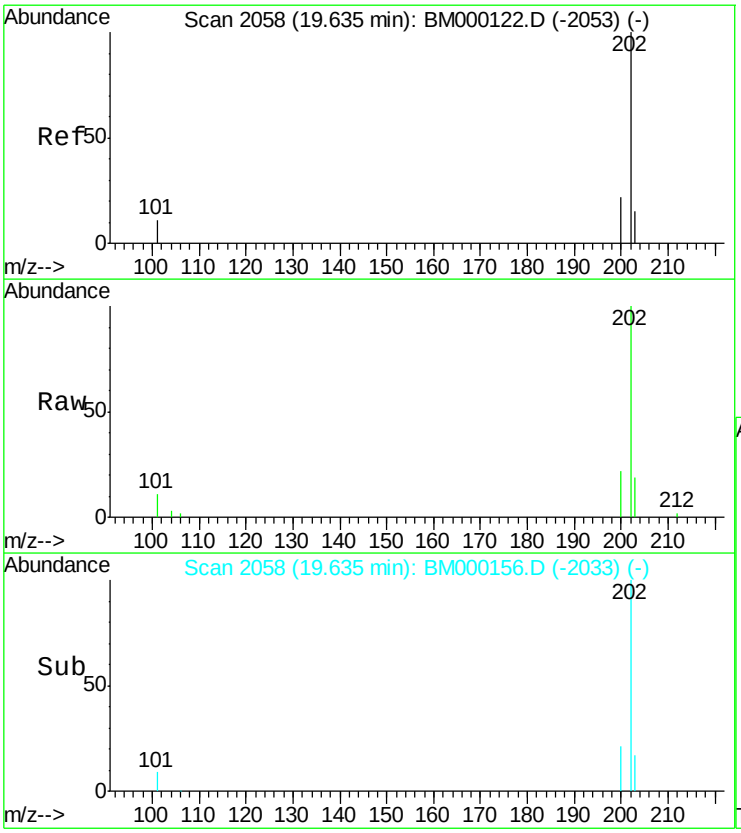


#15
Fluoranthene
Concen: 0.09 ng/ul
RT: 19.27 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:202 Resp: 4401

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.5
203	19.1	0.0	36.6

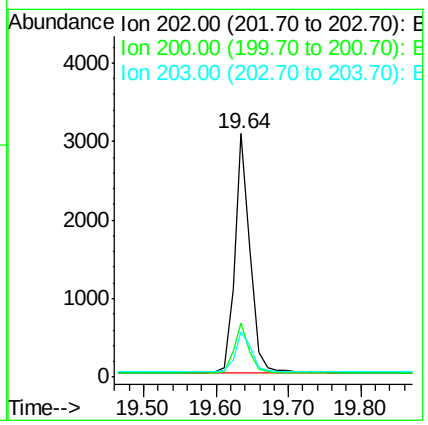


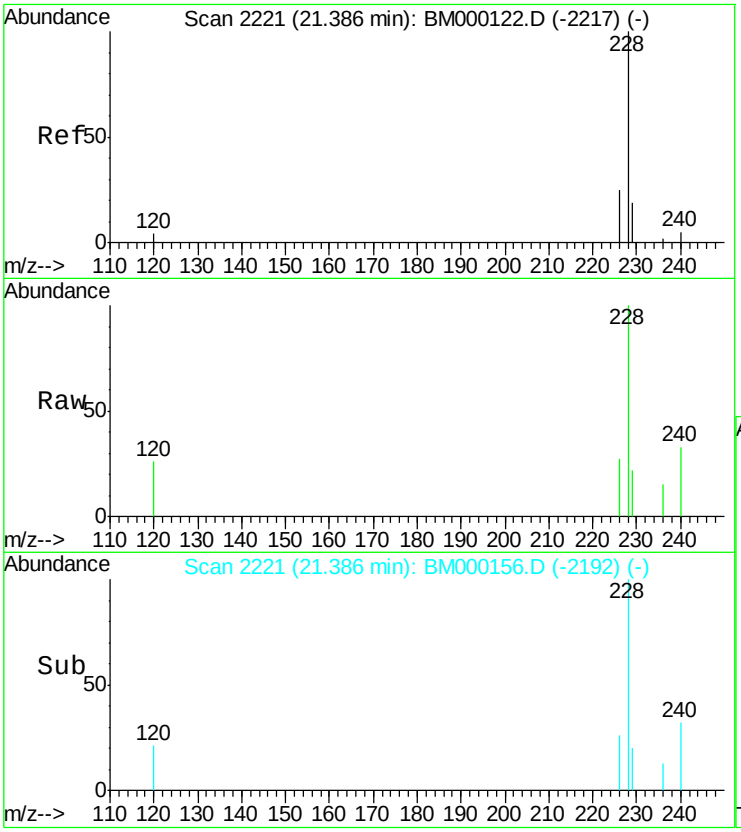


#17
Pyrene
Concen: 0.10 ng/ul
RT: 19.64 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:202 Resp: 4517

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.9	26.9
203	18.5	12.8	19.2

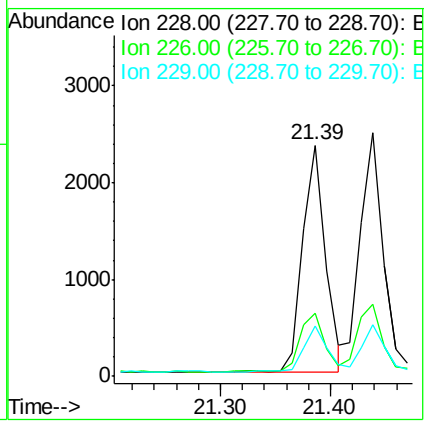


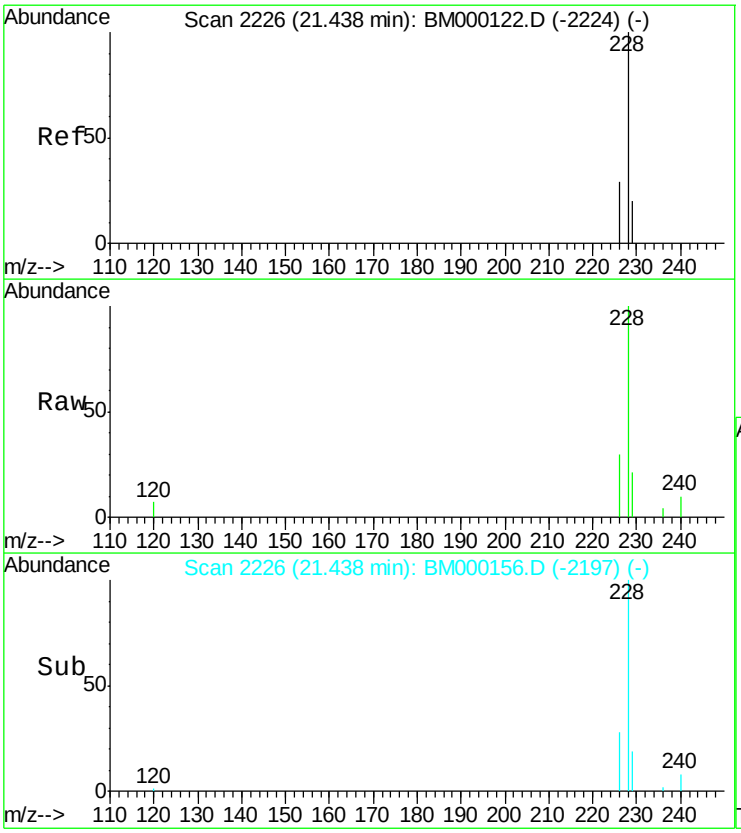


#18
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:228 Resp: 3339

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.8	31.2
229	21.6	15.5	23.3

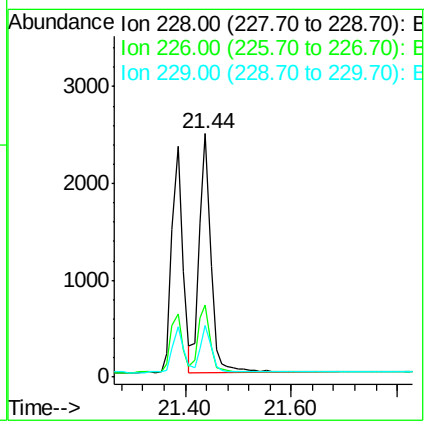


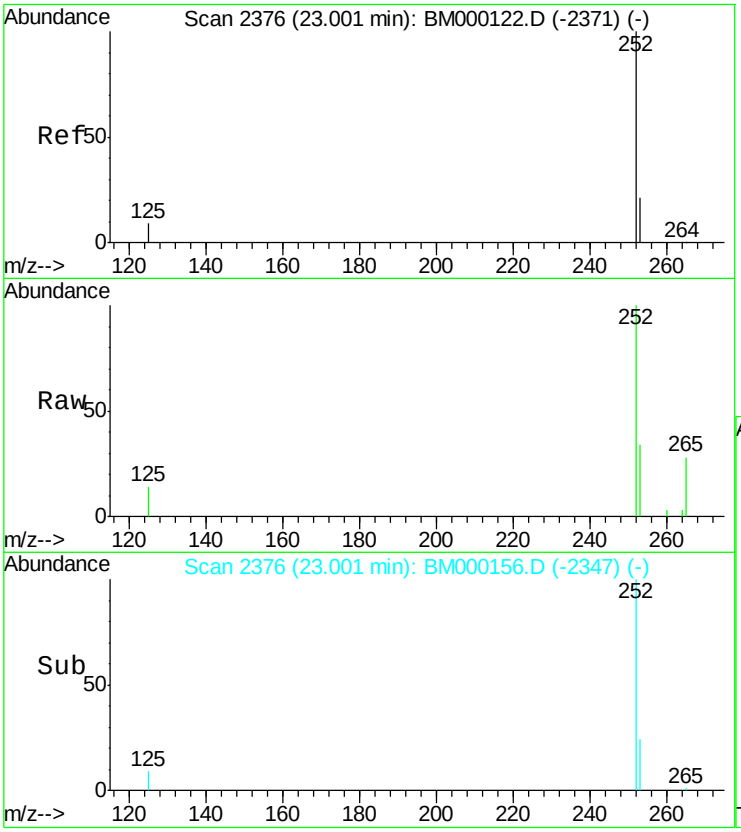


#19
Chrysene
Concen: 0.10 ng/ul
RT: 21.44 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:228 Resp: 3742

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	21.1	15.8	23.8

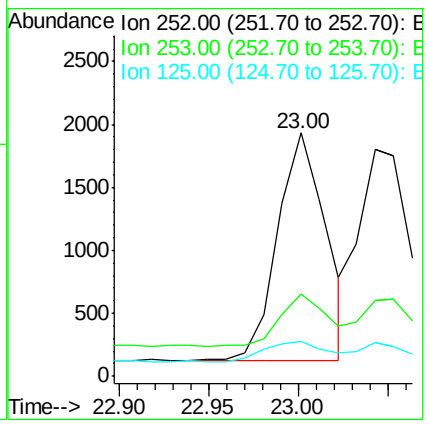


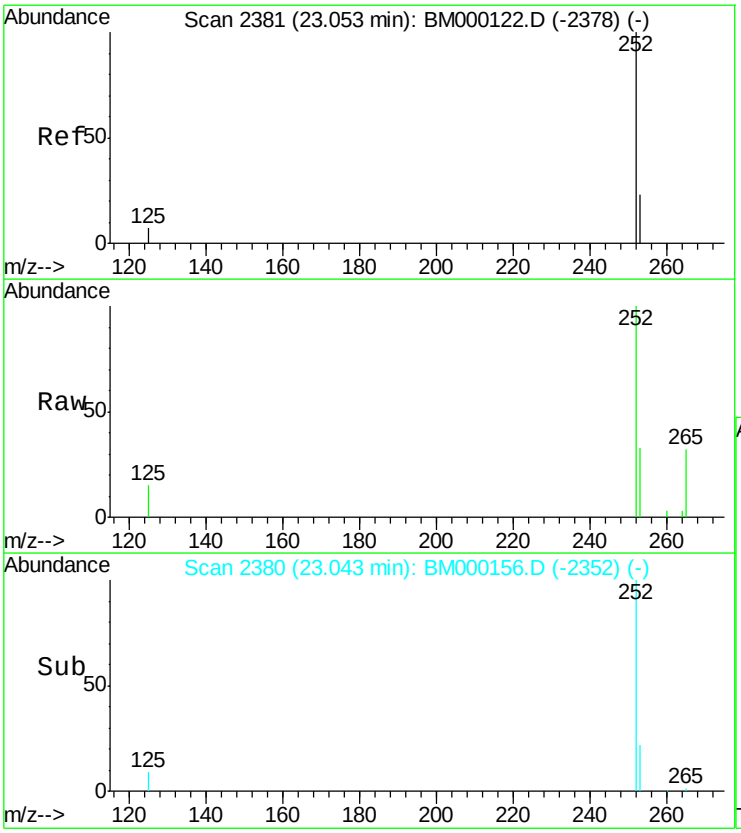


#21
Benzo(b)fluoranthene
Concen: 0.09 ng/ul
RT: 23.00 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:252 Resp: 3383

Ion	Ratio	Lower	Upper
252	100		
253	33.7	0.0	48.2
125	14.3	0.0	21.6

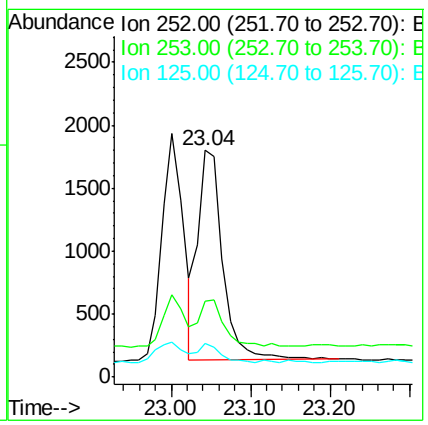


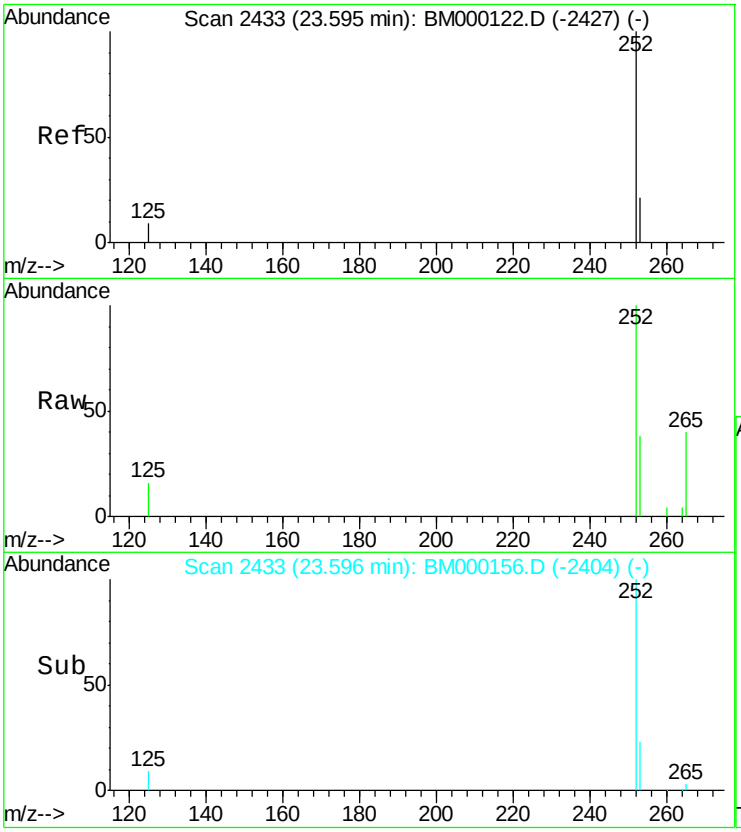


#22
Benzo(k)fluoranthene
Concen: 0.10 ng/ul
RT: 23.04 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:252 Resp: 3604

Ion	Ratio	Lower	Upper
252	100		
253	33.4	20.5	30.7#
125	14.8	7.8	11.8#

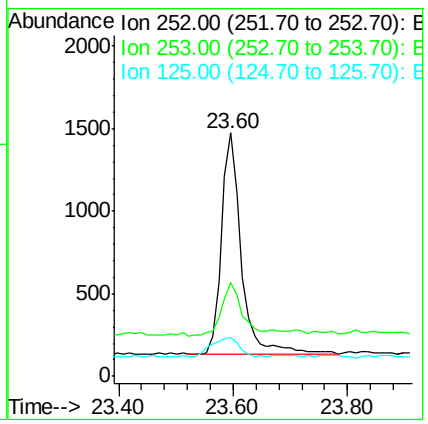


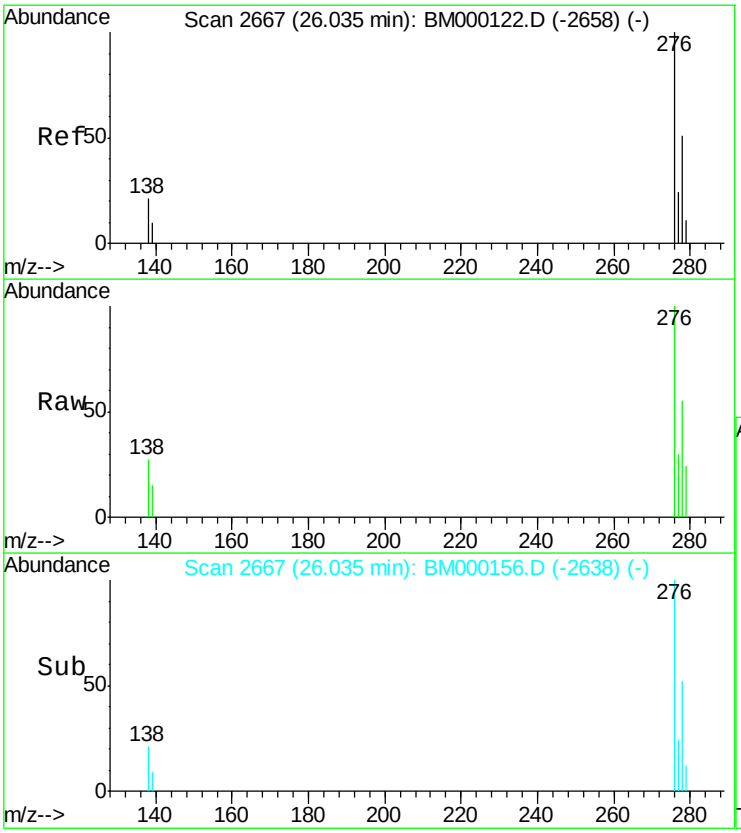


#23
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 23.60 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:252 Resp: 3252

Ion	Ratio	Lower	Upper
252	100		
253	38.5	19.8	29.6#
125	16.2	9.2	13.8#

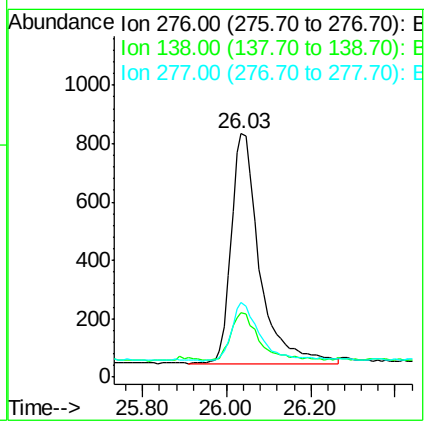


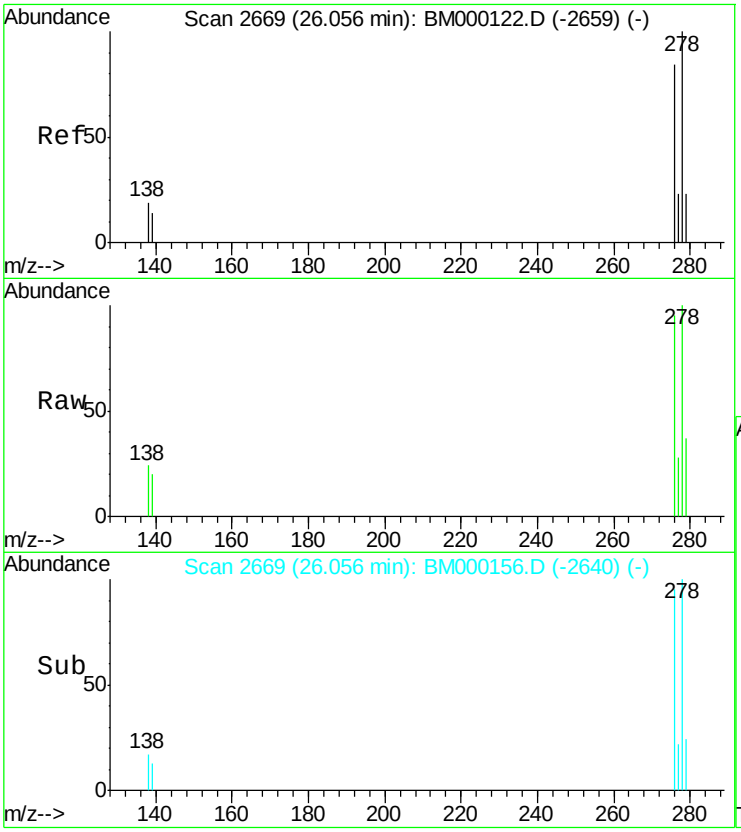


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 26.03 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:276 Resp: 3693

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.6	26.4
277	25.2	19.9	29.9

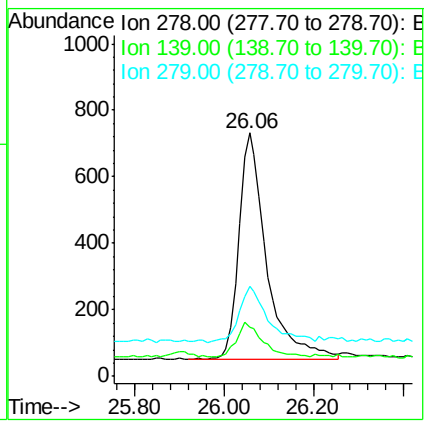


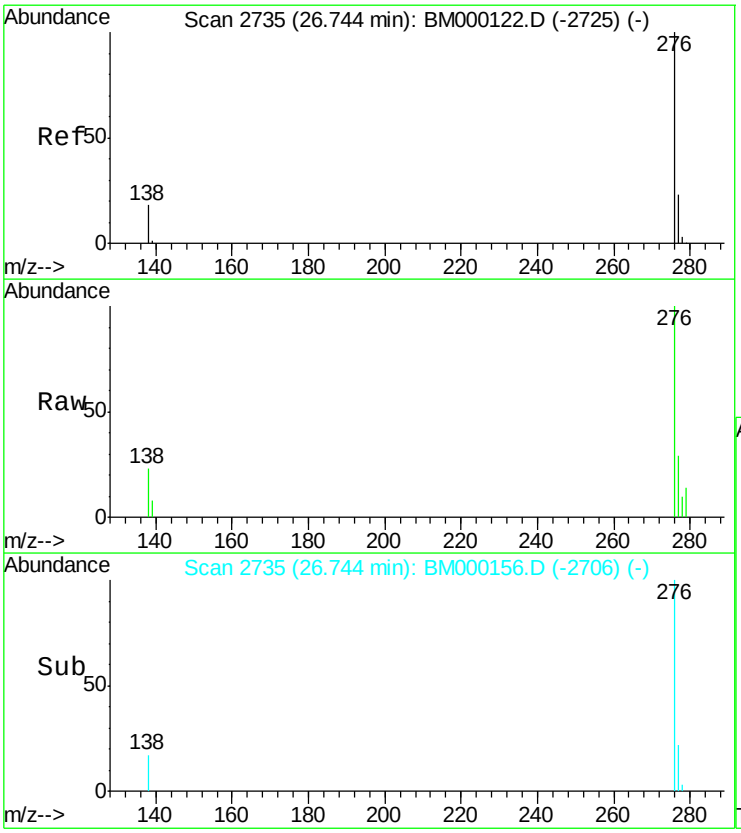


#25
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 26.06 min Scan# 2669
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:278 Resp: 2902

Ion	Ratio	Lower	Upper
278	100		
139	19.9	12.6	18.8#
279	36.7	20.6	30.8#





#26
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 26.74 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BM000156.D
Acq: 09 Jan 2015 13:42

Tgt Ion:276 Resp: 3304

Ion	Ratio	Lower	Upper
276	100		
277	28.6	20.0	30.0
138	23.3	15.7	23.5