Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010815\
Data File : BM000154.D
Acq On : 08 Jan 2015 22:39
Operator : TP/IZ
Sample : MDL-02-S
Misc : MDL-SOIL-0.15PPM-SIM
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jan 09 01:01:58 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

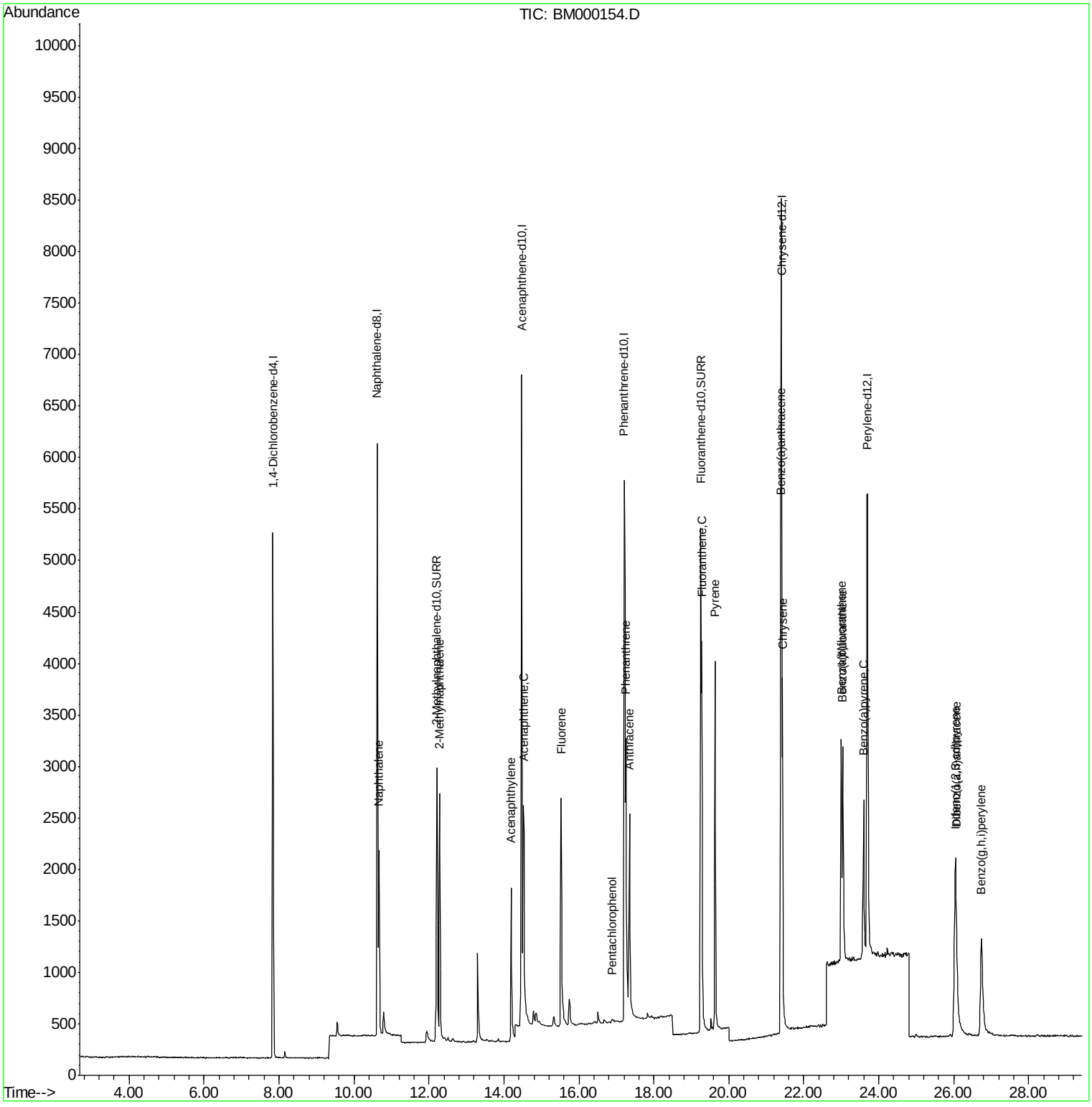
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2544	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	8504	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.47	164	5265	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	9945	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	8543	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	7823	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	4503	0.40	ng/ul	-0.01
14) Fluoranthene-d10	19.25	212	7231	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.67	128	2650	0.12	ng/ul#	94
5) 2-Methylnaphthalene	12.28	142	1714	0.11	ng/ul	100
7) Acenaphthylene	14.20	152	2819	0.11	ng/ul	94
8) Acenaphthene	14.52	153	1767	0.11	ng/ul#	82
9) Fluorene	15.52	166	2083	0.11	ng/ul#	95
11) Pentachlorophenol	16.88	266	80	0.05	ng/ul#	69
12) Phenanthrene	17.26	178	3256	0.11	ng/ul	93
13) Anthracene	17.35	178	3110	0.11	ng/ul#	92
15) Fluoranthene	19.27	202	3847	0.11	ng/ul	95
17) Pyrene	19.63	202	3911	0.11	ng/ul	96
18) Benzo(a)anthracene	21.39	228	3029	0.11	ng/ul	97
19) Chrysene	21.44	228	3516	0.11	ng/ul	96
21) Benzo(b)fluoranthene	23.00	252	3386	0.11	ng/ul	86
22) Benzo(k)fluoranthene	23.04	252	3263	0.11	ng/ul#	88
23) Benzo(a)pyrene	23.60	252	3107	0.11	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.03	276	3440	0.11	ng/ul	99
25) Dibenzo(a,h)anthracene	26.06	278	2753	0.11	ng/ul#	83
26) Benzo(g,h,i)perylene	26.73	276	3124	0.11	ng/ul#	90

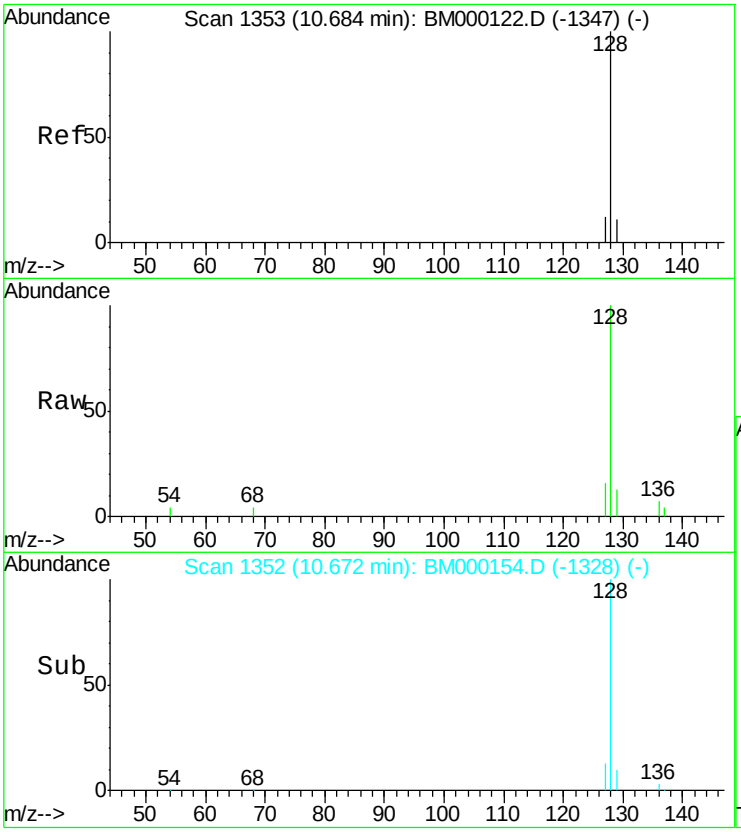
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010815\
Data File : BM000154.D
Acq On : 08 Jan 2015 22:39
Operator : TP/IZ
Sample : MDL-02-S
Misc : MDL-SOIL-0.15PPM-SIM
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jan 09 01:01:58 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

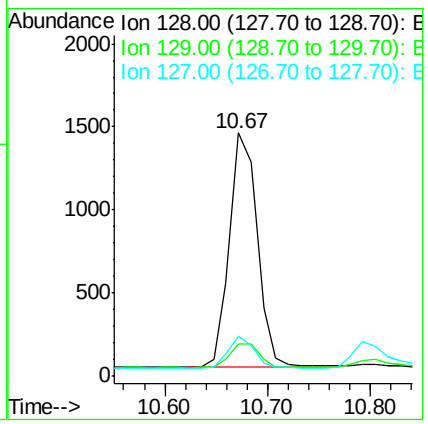


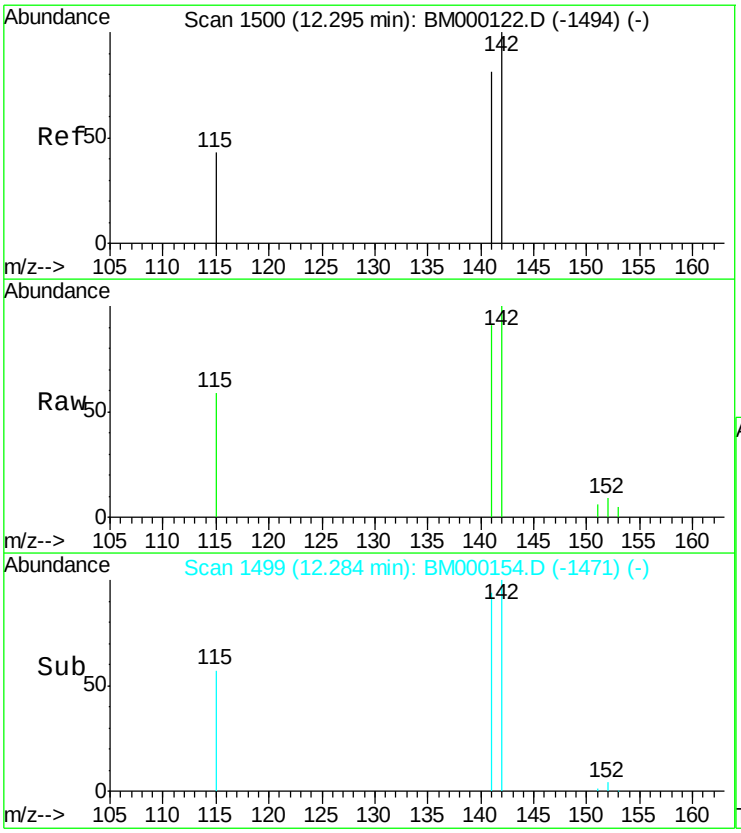


#3
Naphthalene
Concen: 0.12 ng/ul
RT: 10.67 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:128 Resp: 2650

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.5	14.3
127	16.4	10.4	15.6#

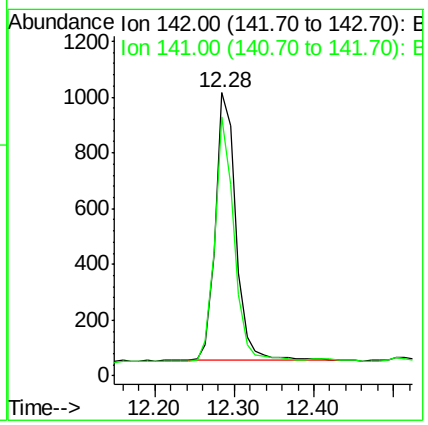


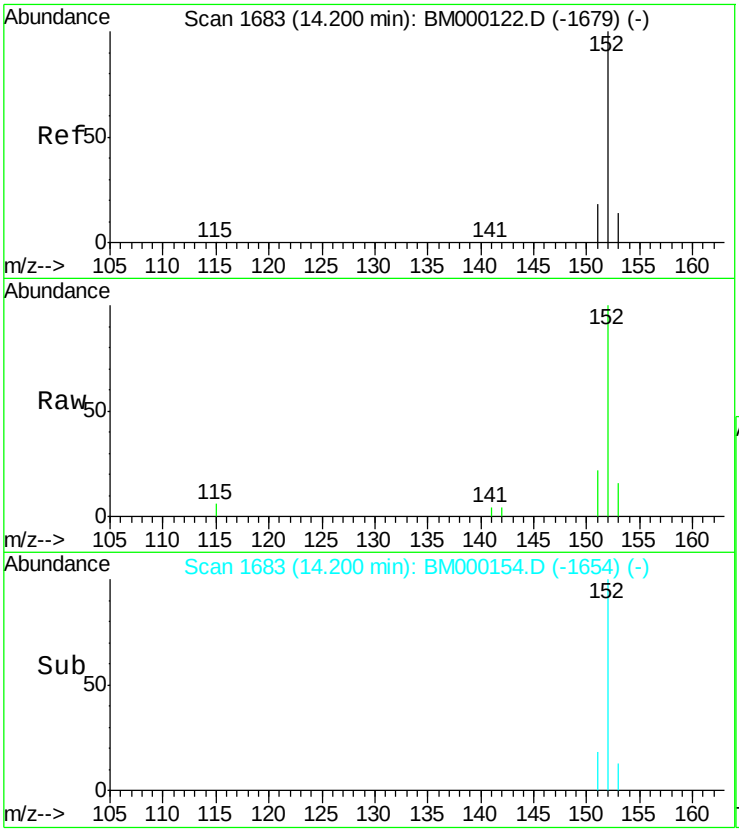


#5
2-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 12.28 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:142 Resp: 1714

Ion	Ratio	Lower	Upper
142	100		
141	86.4	68.9	103.3

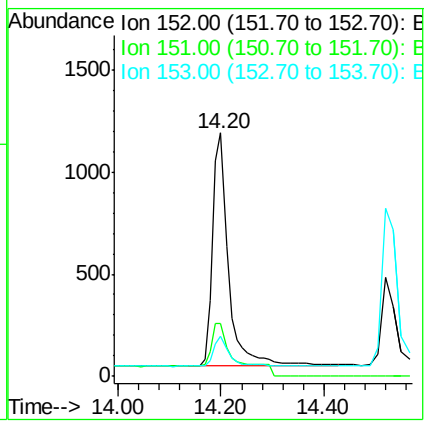


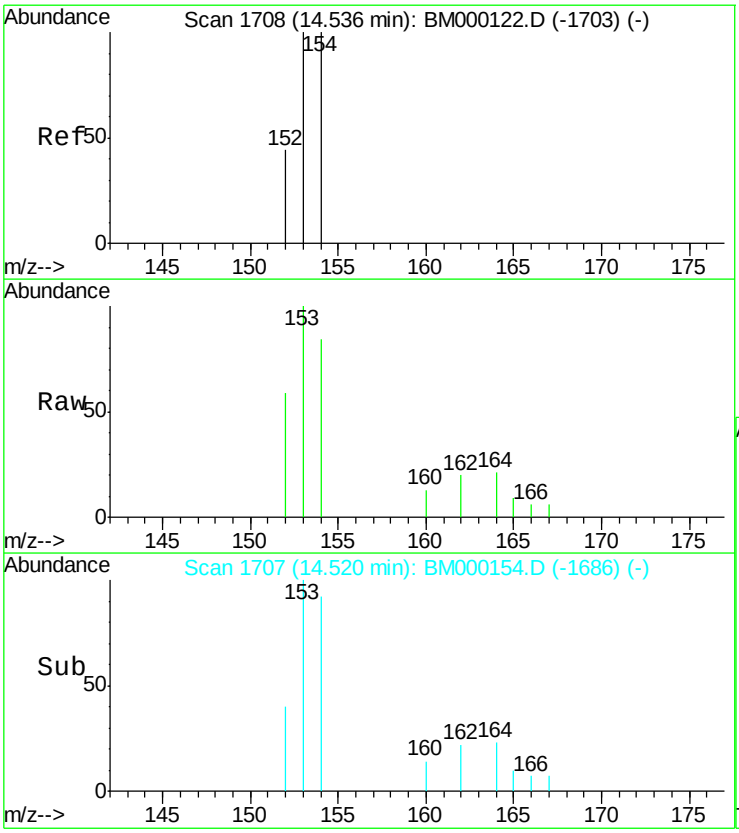


#7
Acenaphthylene
Concen: 0.11 ng/ul
RT: 14.20 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:152 Resp: 2819

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.4	23.2
153	16.4	11.0	16.4

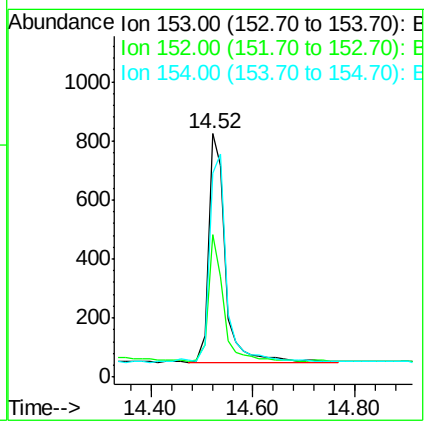


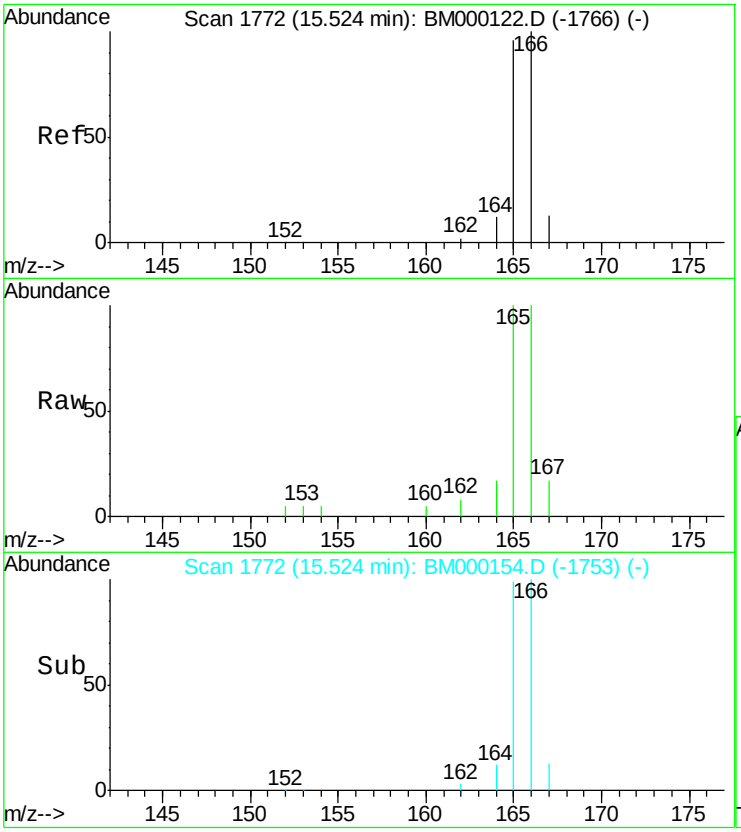


#8
Acenaphthene
Concen: 0.11 ng/ul
RT: 14.52 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:153 Resp: 1767

Ion	Ratio	Lower	Upper
153	100		
152	58.6	35.8	53.6#
154	83.7	79.9	119.9

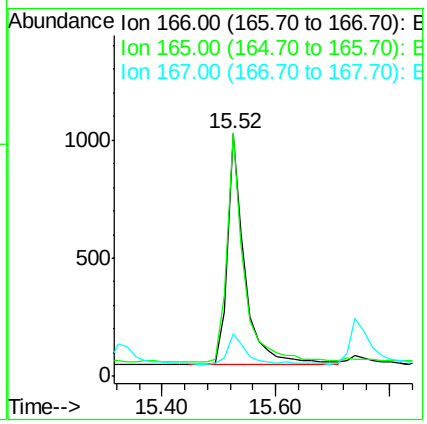


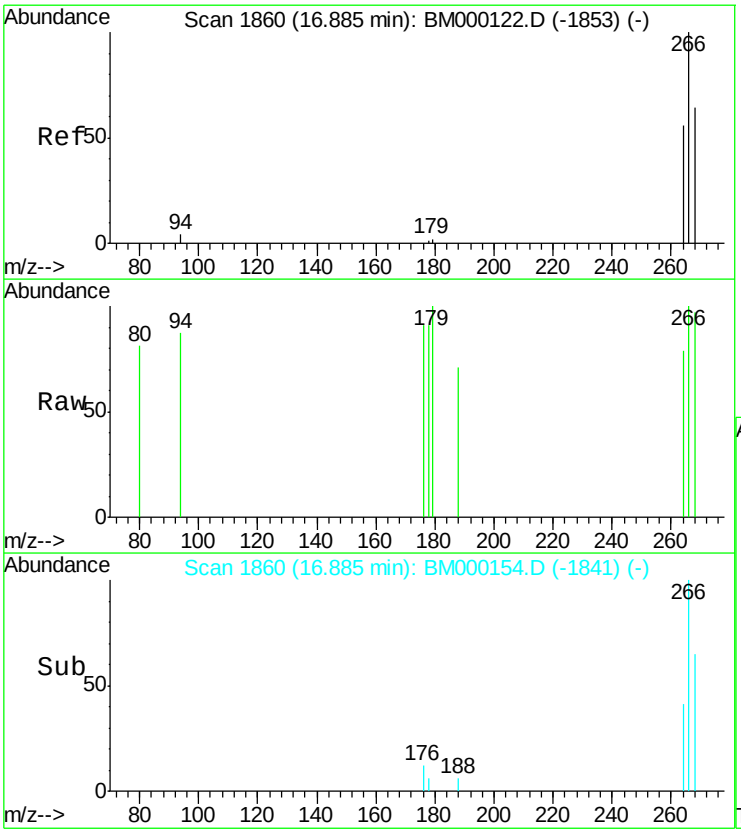


#9
Fluorene
Concen: 0.11 ng/ul
RT: 15.52 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:166 Resp: 2083

Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.0	115.4
167	17.4	11.0	16.6#

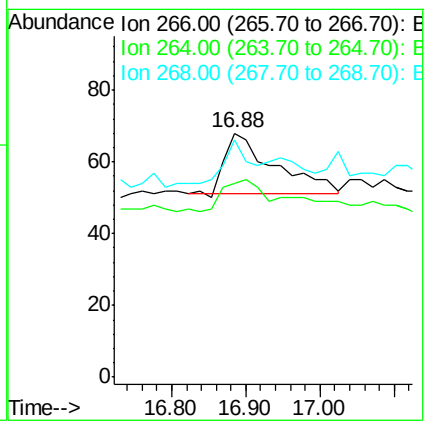


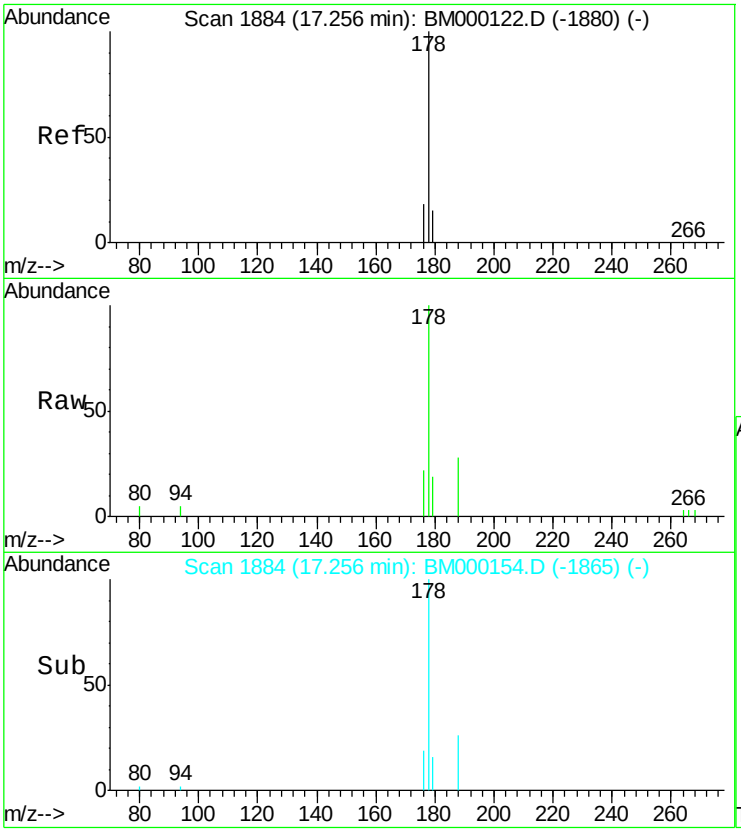


#11
Pentachlorophenol
Concen: 0.05 ng/ul
RT: 16.88 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:266 Resp: 80

Ion	Ratio	Lower	Upper
266	100		
264	46.3	53.9	80.9#
268	33.8	49.2	73.8#

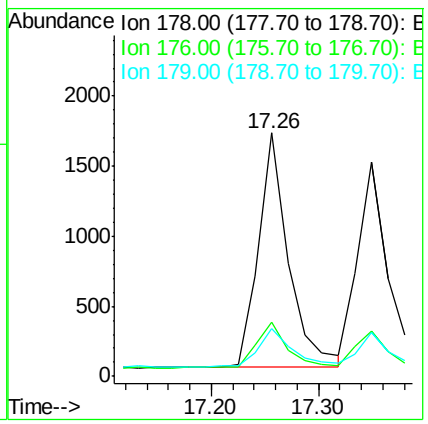


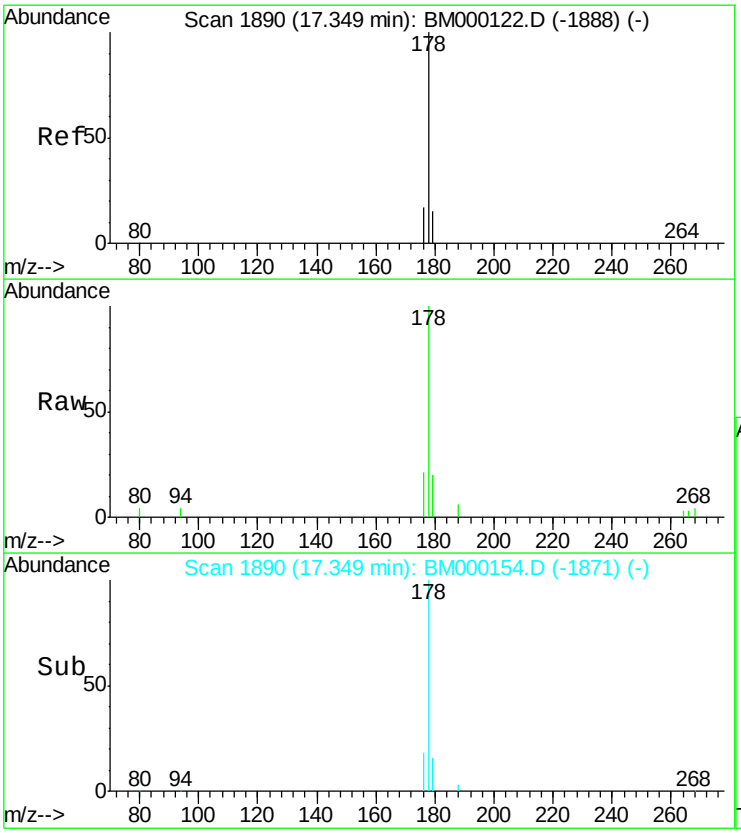


#12
Phenanthrene
Concen: 0.11 ng/ul
RT: 17.26 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:178 Resp: 3256

Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.1	22.7
179	19.4	13.0	19.4

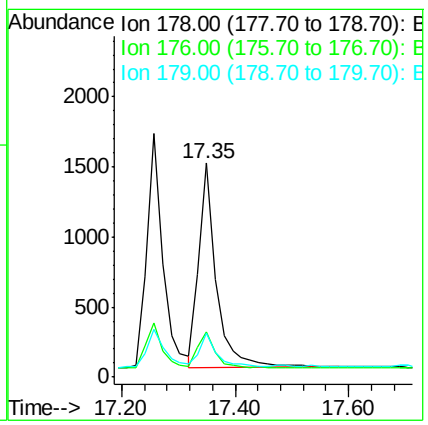


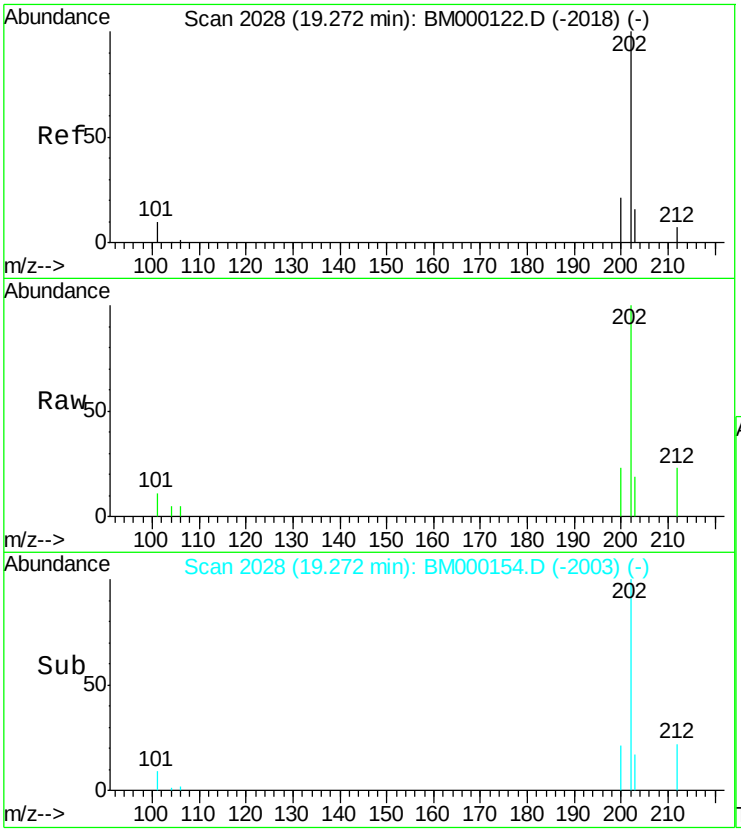


#13
Anthracene
Concen: 0.11 ng/ul
RT: 17.35 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:178 Resp: 3110

Ion	Ratio	Lower	Upper
178	100		
176	21.3	14.6	21.8
179	20.3	13.1	19.7#

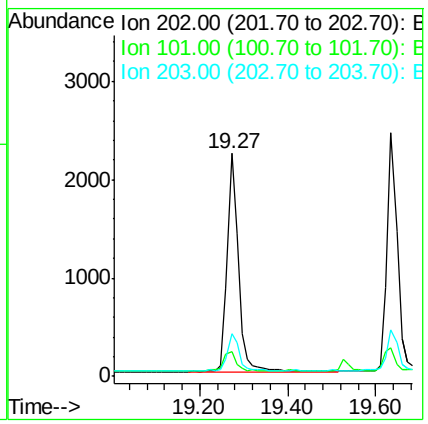


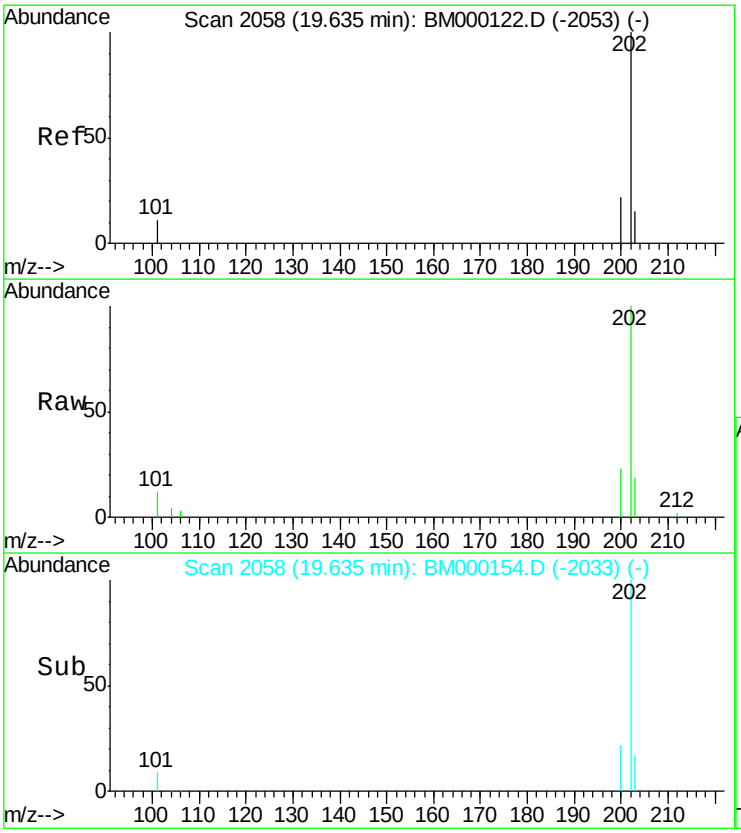


#15
Fluoranthene
Concen: 0.11 ng/ul
RT: 19.27 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:202 Resp: 3847

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.5
203	19.4	0.0	36.6

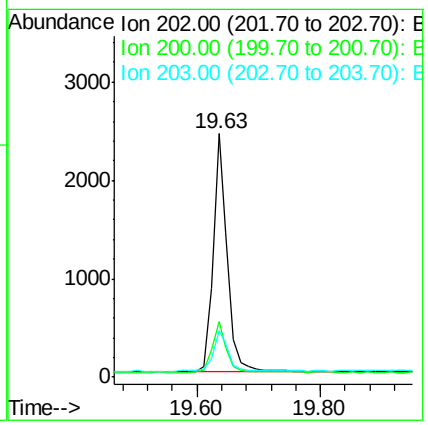


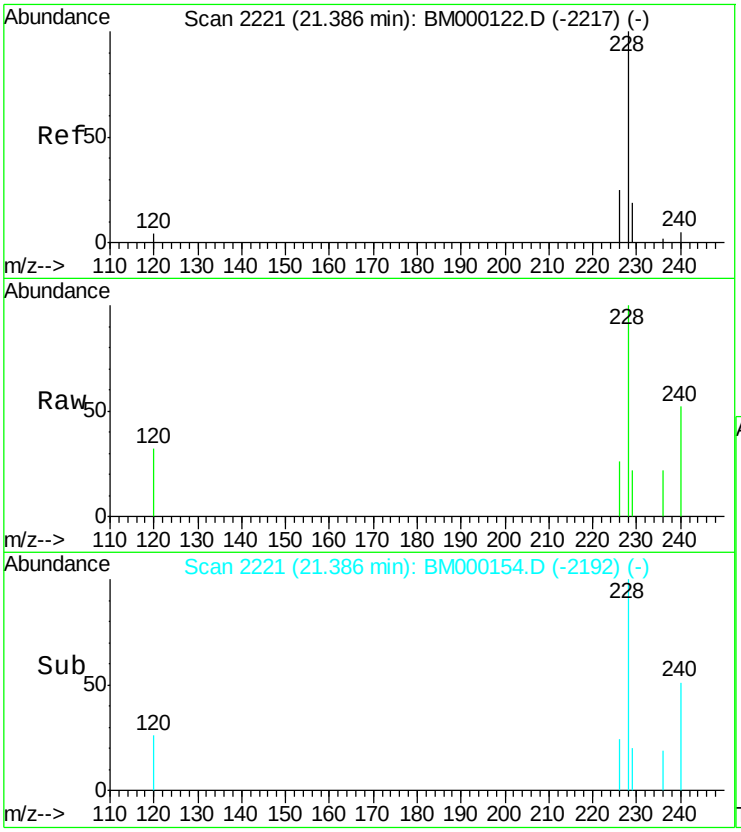


#17
Pyrene
Concen: 0.11 ng/ul
RT: 19.63 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:202 Resp: 3911

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.9	26.9
203	19.0	12.8	19.2

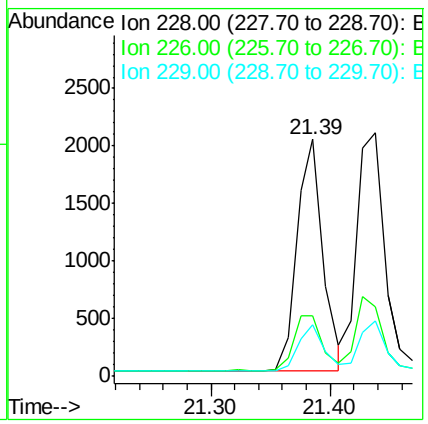


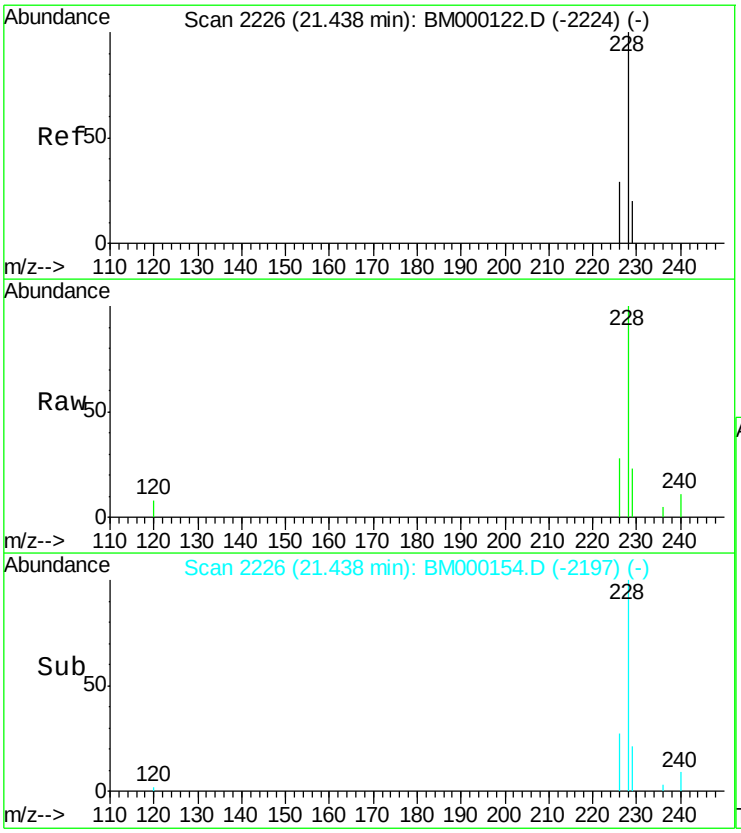


#18
Benzo(a)anthracene
Concen: 0.11 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:228 Resp: 3029

Ion	Ratio	Lower	Upper
228	100		
226	25.6	20.8	31.2
229	22.0	15.5	23.3

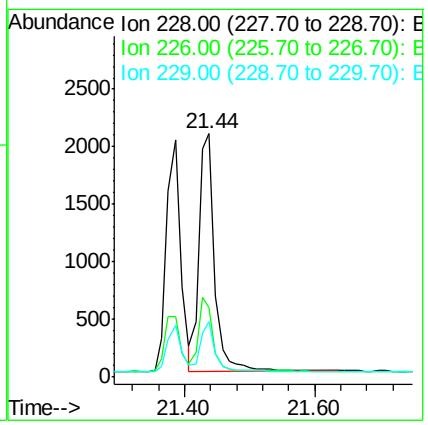


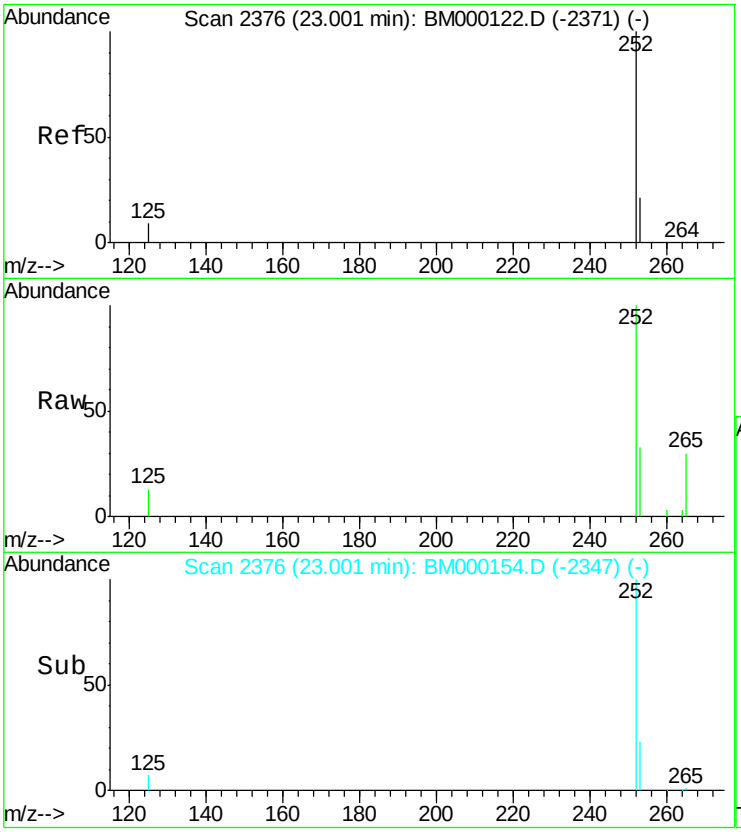


#19
Chrysene
Concen: 0.11 ng/ul
RT: 21.44 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:228 Resp: 3516

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.8	35.6
229	22.6	15.8	23.8

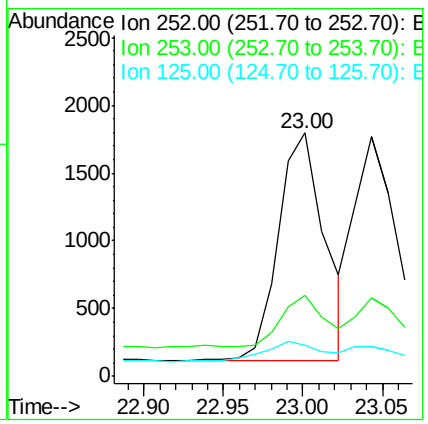


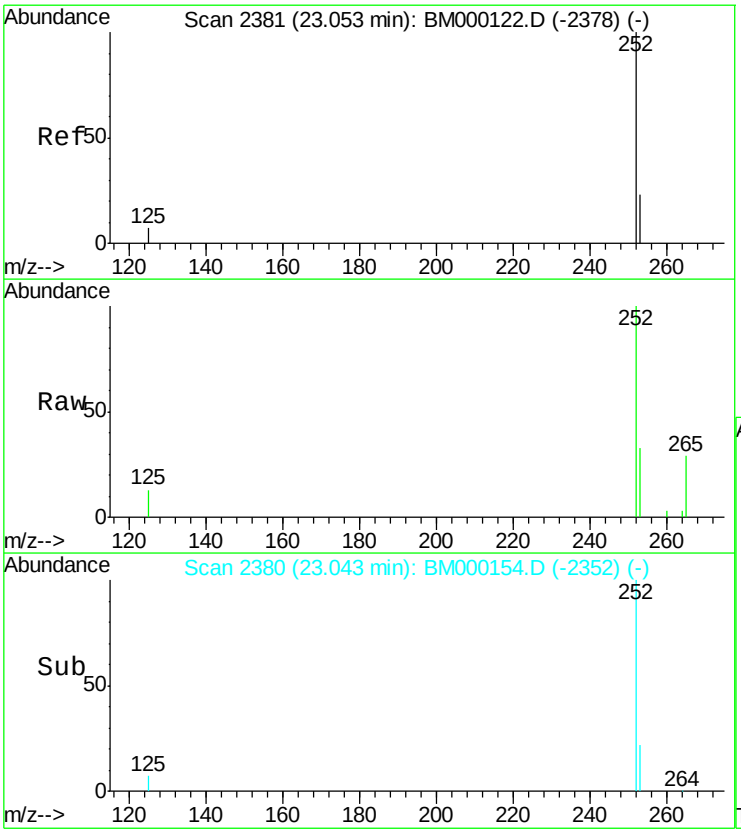


#21
Benzo(b)fluoranthene
Concen: 0.11 ng/ul
RT: 23.00 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:252 Resp: 3386

Ion	Ratio	Lower	Upper
252	100		
253	33.2	0.0	48.2
125	12.6	0.0	21.6

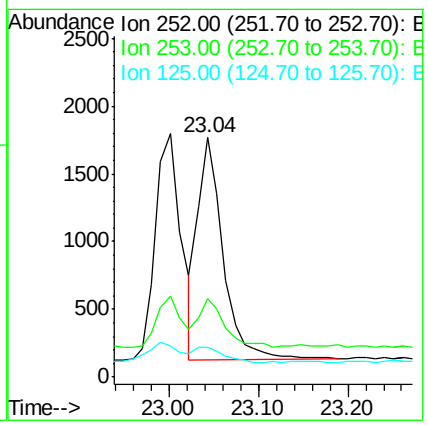


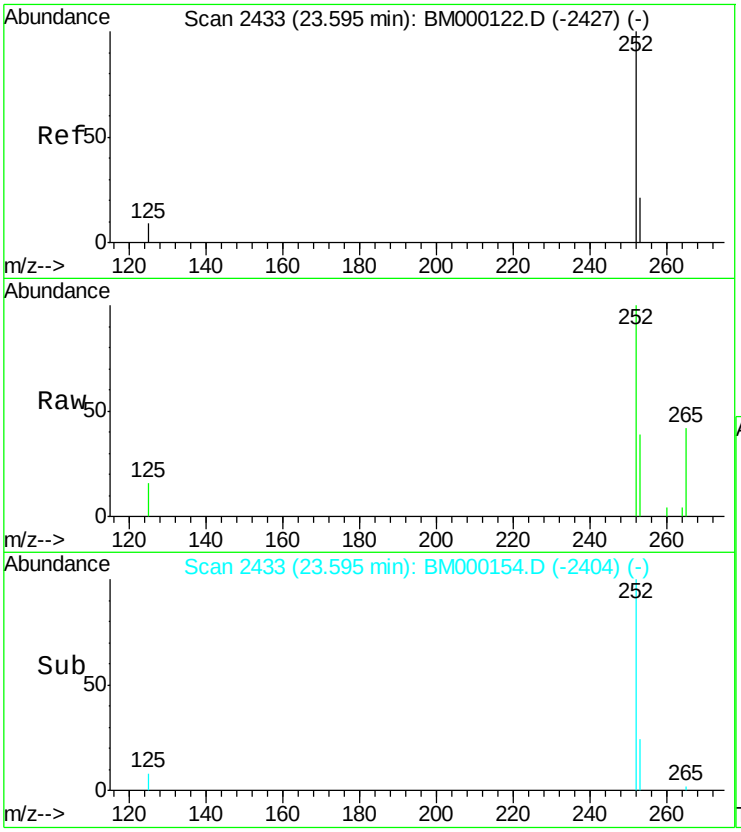


#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 23.04 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:252 Resp: 3263

Ion	Ratio	Lower	Upper
252	100		
253	32.6	20.5	30.7#
125	12.5	7.8	11.8#

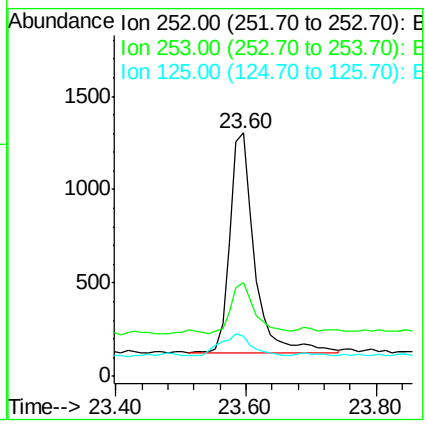


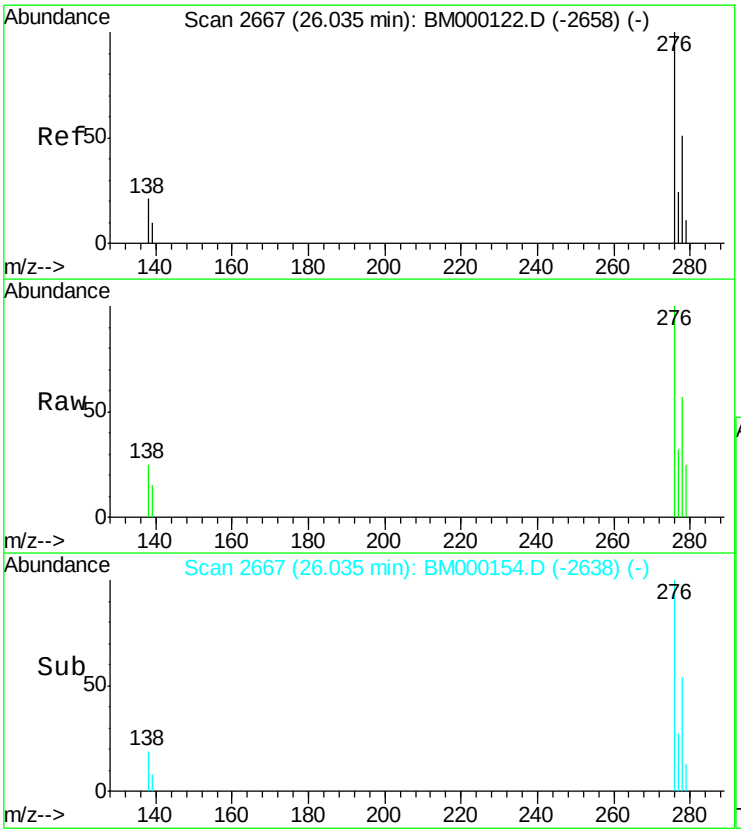


#23
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 23.60 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:252 Resp: 3107

Ion	Ratio	Lower	Upper
252	100		
253	38.6	19.8	29.6#
125	16.3	9.2	13.8#

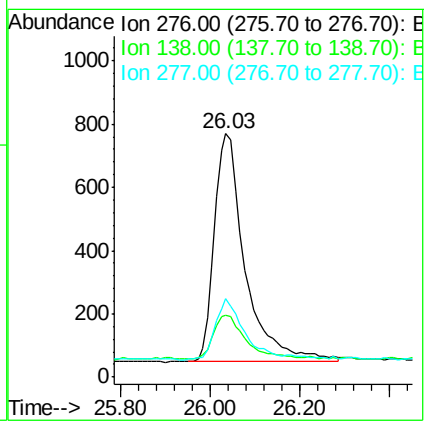


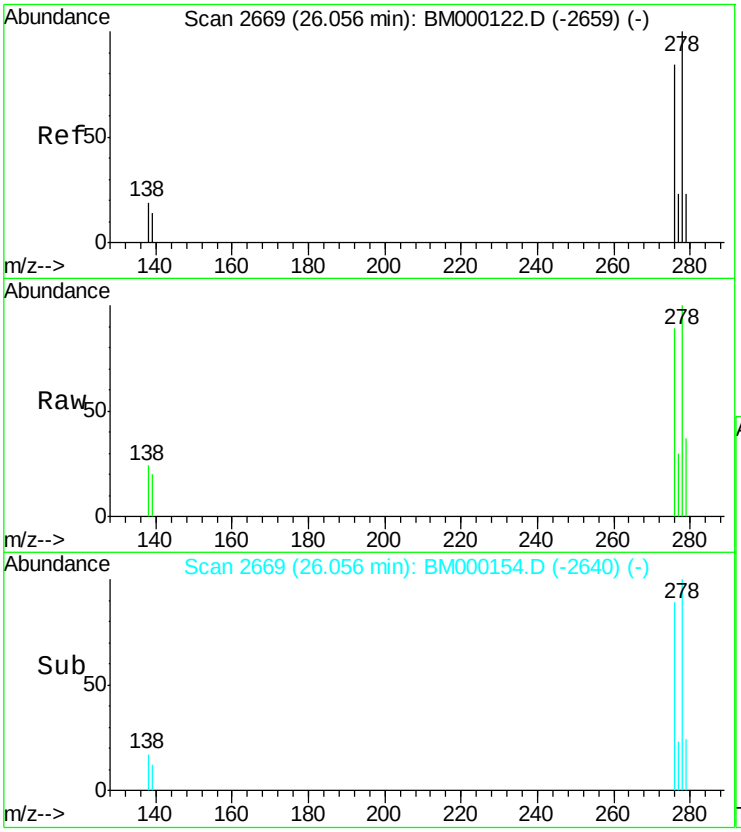


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul
RT: 26.03 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:276 Resp: 3440

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.6	26.4
277	24.8	19.9	29.9

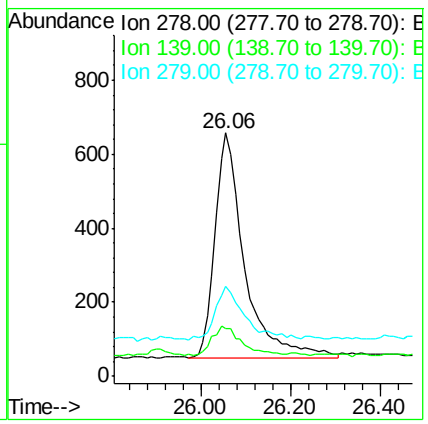


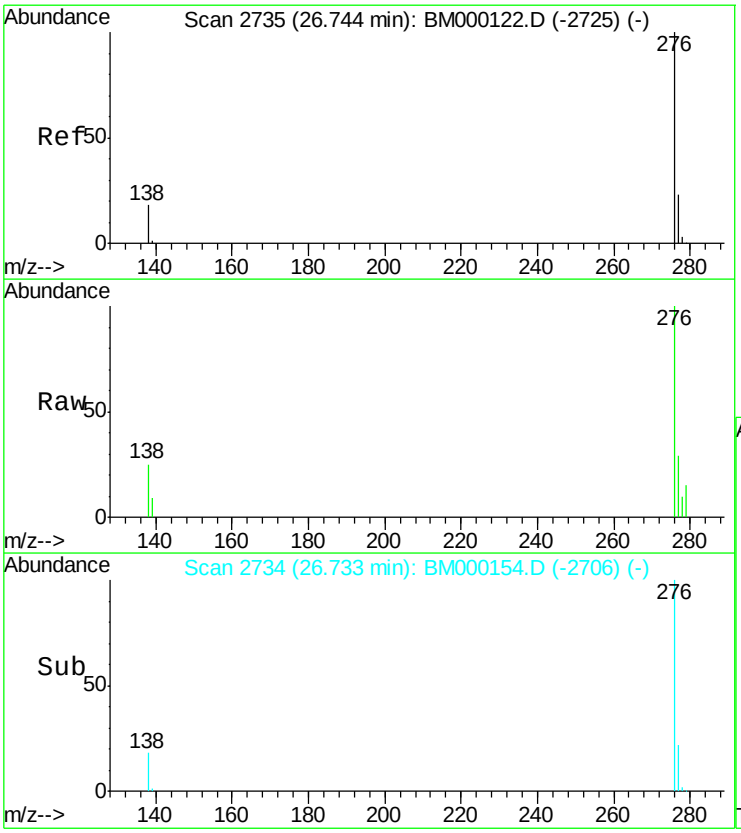


#25
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 26.06 min Scan# 2669
Delta R.T. -0.00 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:278 Resp: 2753

Ion	Ratio	Lower	Upper
278	100		
139	19.8	12.6	18.8#
279	36.9	20.6	30.8#





#26
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 26.73 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BM000154.D
Acq: 08 Jan 2015 22:39

Tgt Ion:276 Resp: 3124

Ion	Ratio	Lower	Upper
276	100		
277	29.2	20.0	30.0
138	25.3	15.7	23.5#