Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010815\
Data File : BM000160.D
Acq On : 09 Jan 2015 02:47
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SOIL-0.15PPM-SIM
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 09 03:35:57 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

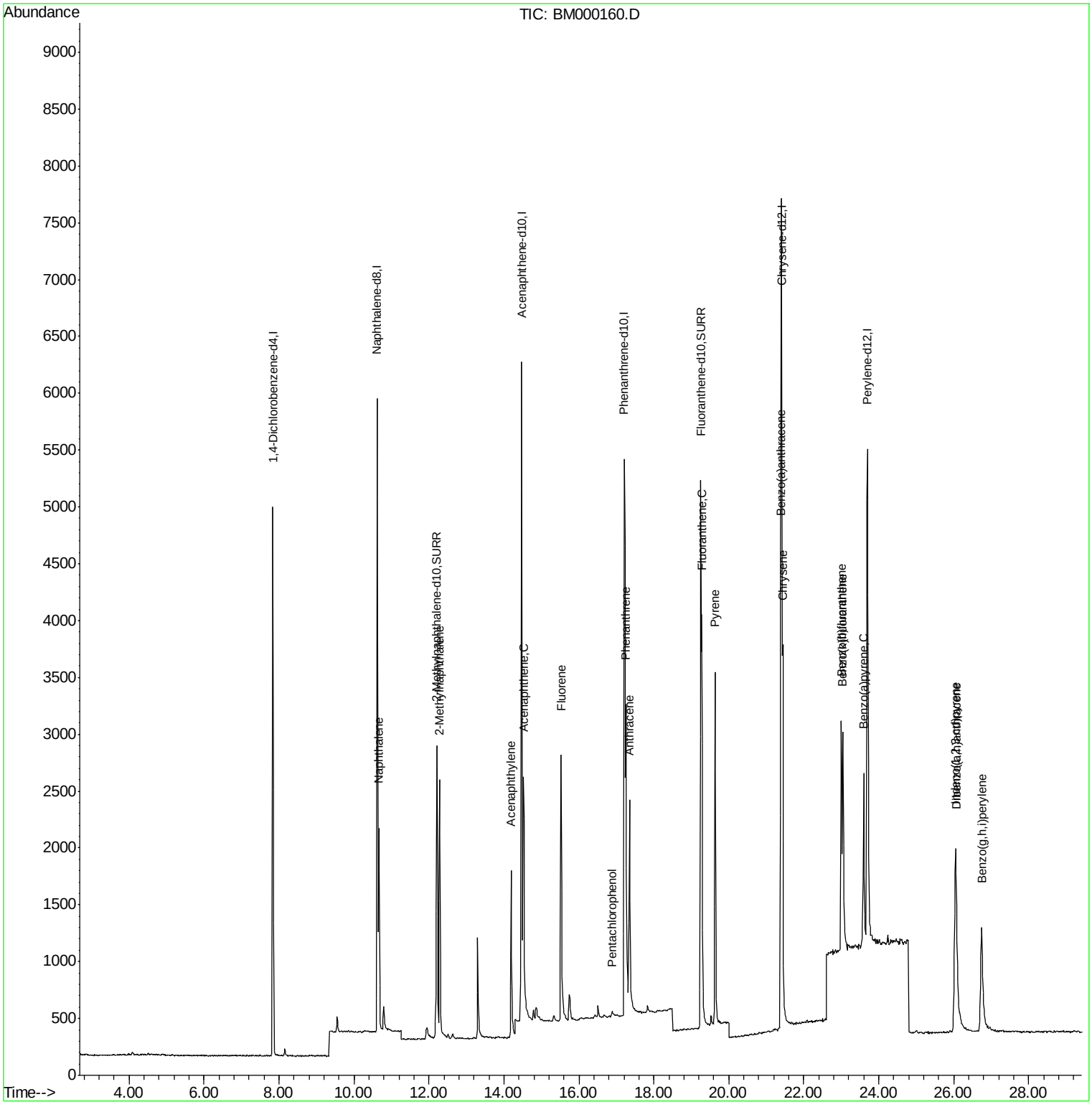
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2485	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	8193	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.47	164	5114	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	9697	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	8379	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	7617	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	4394	0.40	ng/ul	-0.01
14) Fluoranthene-d10	19.25	212	6993	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.67	128	2577	0.12	ng/ul#	94
5) 2-Methylnaphthalene	12.28	142	1674	0.12	ng/ul	100
7) Acenaphthylene	14.20	152	2782	0.11	ng/ul#	94
8) Acenaphthene	14.52	153	1700	0.11	ng/ul#	85
9) Fluorene	15.52	166	2125	0.12	ng/ul	96
11) Pentachlorophenol	16.88	266	97	0.06	ng/ul#	84
12) Phenanthrene	17.26	178	3193	0.11	ng/ul	93
13) Anthracene	17.35	178	3080	0.11	ng/ul#	92
15) Fluoranthene	19.27	202	3764	0.11	ng/ul	96
17) Pyrene	19.63	202	3764	0.11	ng/ul	96
18) Benzo(a)anthracene	21.39	228	2864	0.10	ng/ul	98
19) Chrysene	21.44	228	3378	0.11	ng/ul	96
21) Benzo(b)fluoranthene	23.00	252	3043	0.10	ng/ul	83
22) Benzo(k)fluoranthene	23.04	252	3141	0.11	ng/ul#	85
23) Benzo(a)pyrene	23.60	252	2823	0.10	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.05	276	3347	0.11	ng/ul	98
25) Dibenzo(a,h)anthracene	26.06	278	2648	0.11	ng/ul#	80
26) Benzo(g,h,i)perylene	26.74	276	2987	0.11	ng/ul#	89

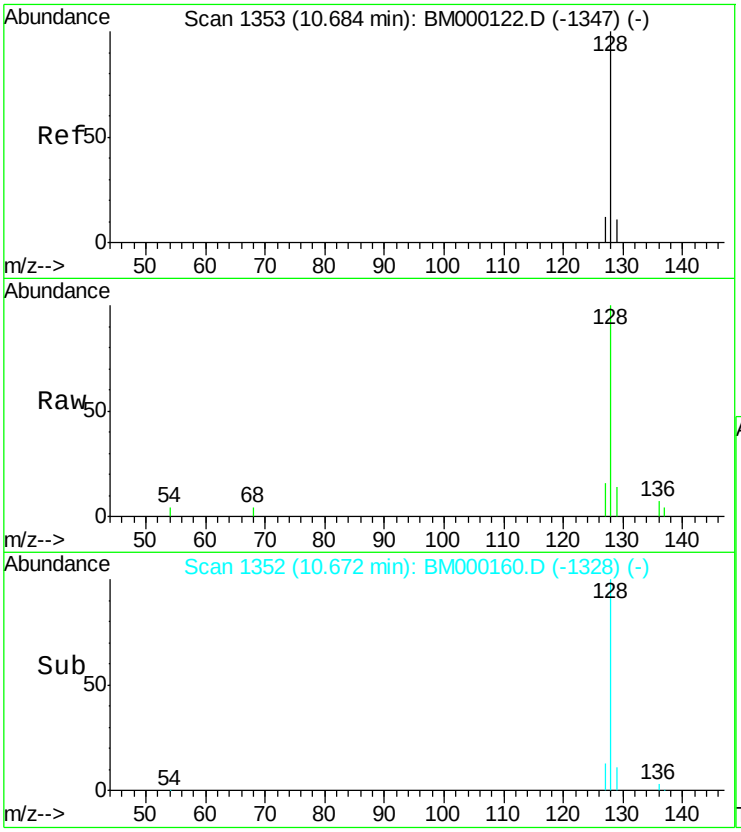
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010815\
Data File : BM000160.D
Acq On : 09 Jan 2015 02:47
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SOIL-0.15PPM-SIM
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 09 03:35:57 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

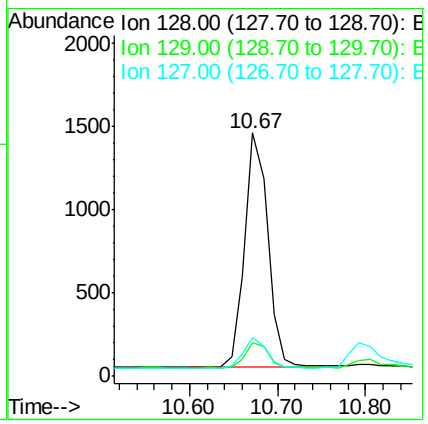


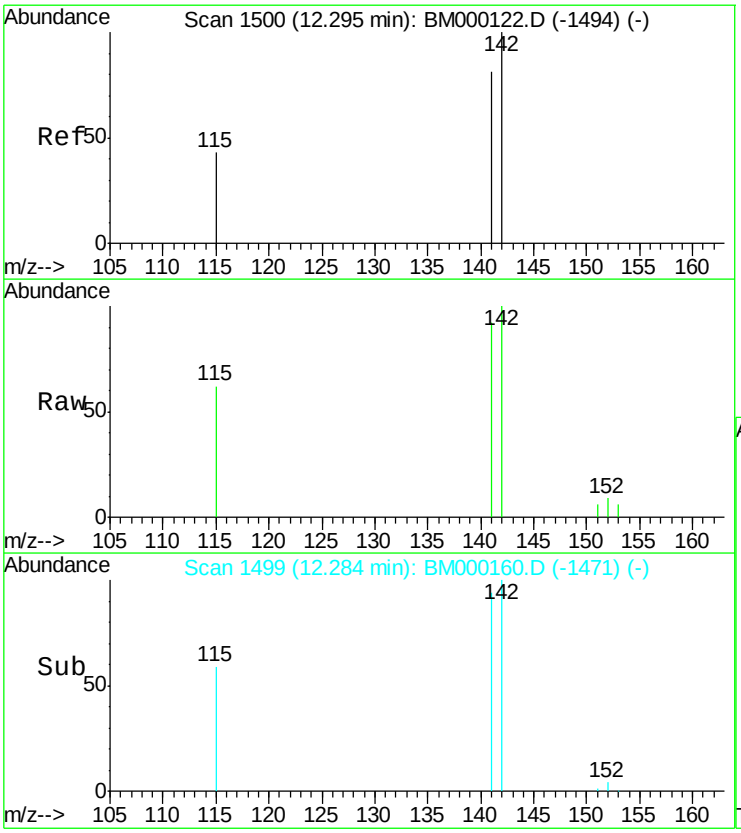


#3
Naphthalene
Concen: 0.12 ng/ul
RT: 10.67 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:128 Resp: 2577

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.5	14.3
127	16.2	10.4	15.6#

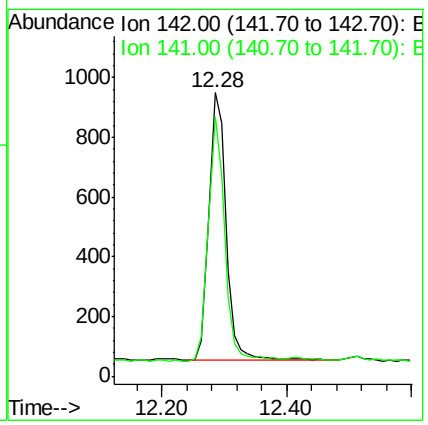


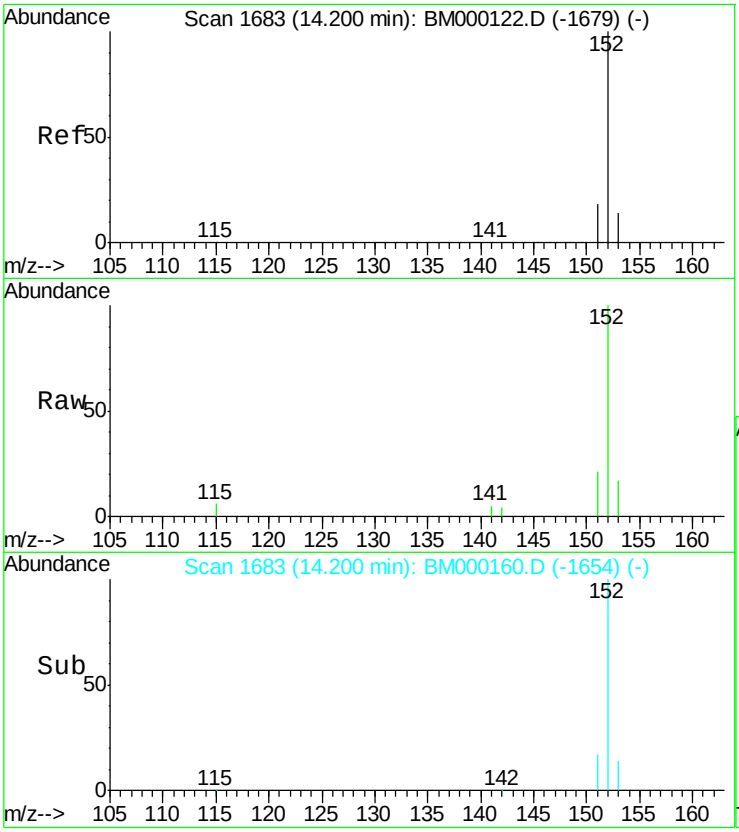


#5
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.28 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:142 Resp: 1674

Ion	Ratio	Lower	Upper
142	100		
141	86.4	68.9	103.3

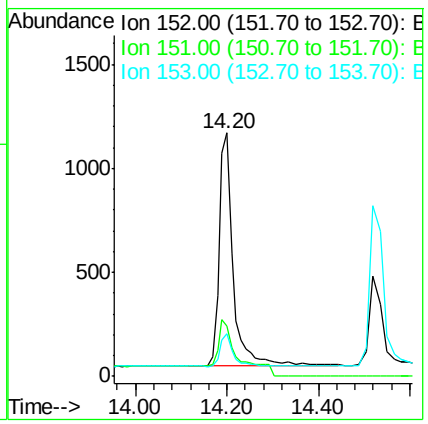


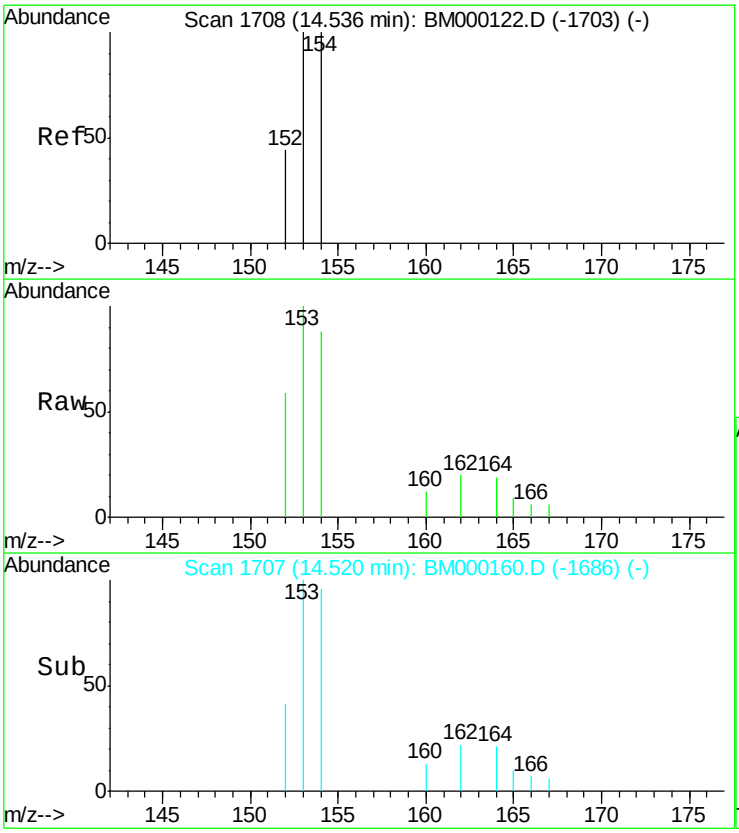


#7
Acenaphthylene
Concen: 0.11 ng/ul
RT: 14.20 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:152 Resp: 2782

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.4	23.2
153	17.3	11.0	16.4#

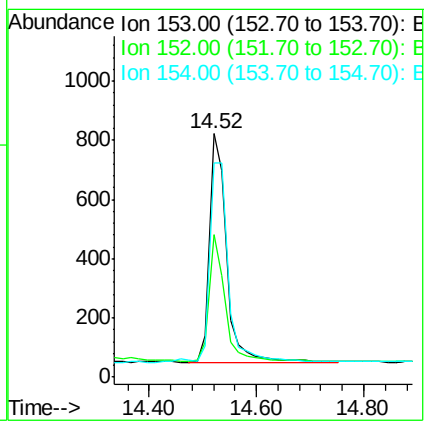


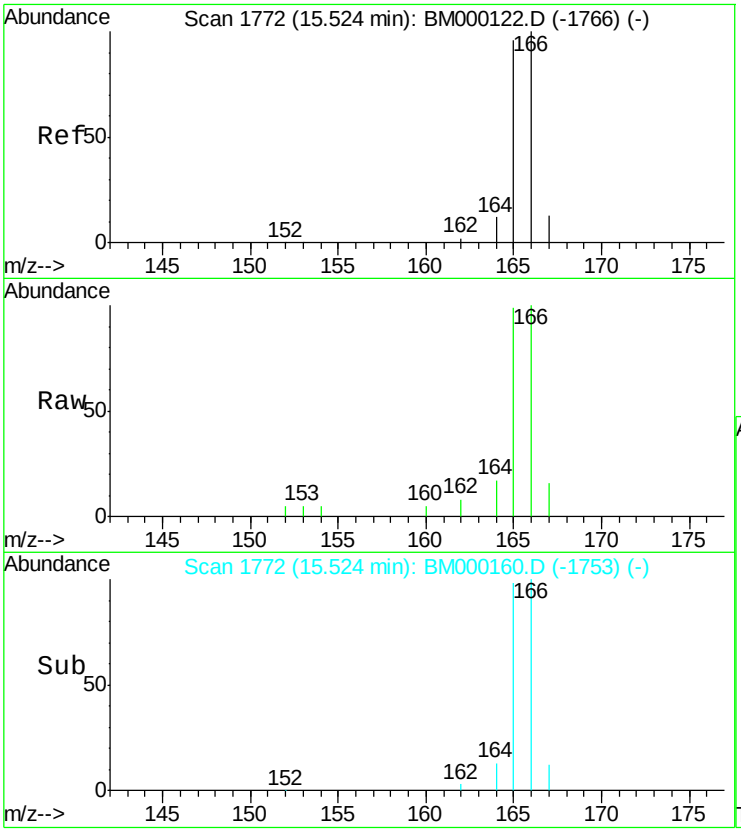


#8
Acenaphthene
Concen: 0.11 ng/ul
RT: 14.52 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:153 Resp: 1700

Ion	Ratio	Lower	Upper
153	100		
152	58.6	35.8	53.6#
154	87.8	79.9	119.9

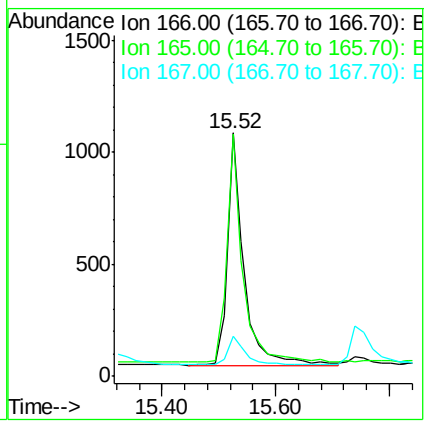


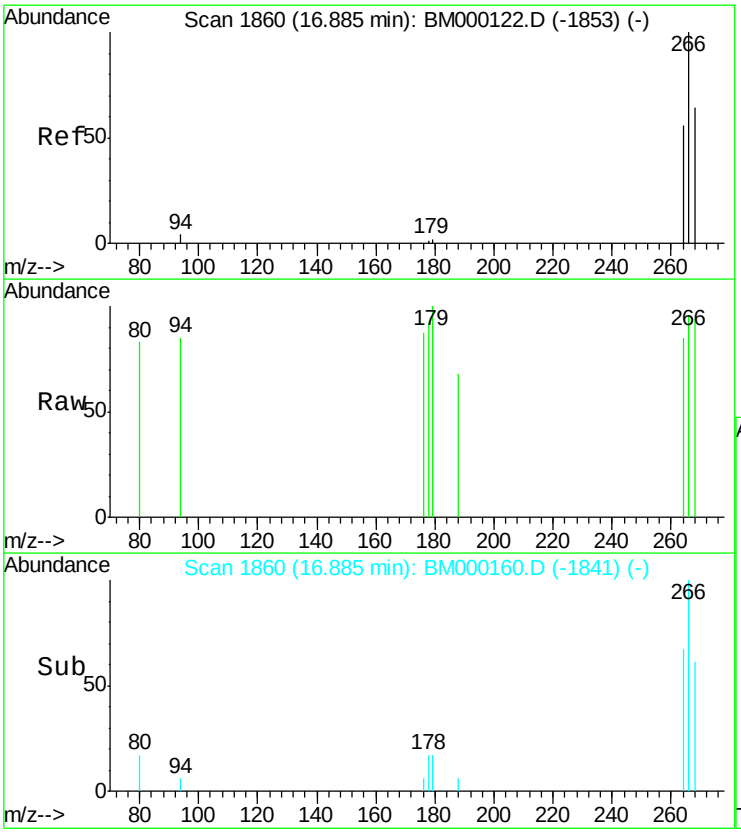


#9
Fluorene
Concen: 0.12 ng/ul
RT: 15.52 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:166 Resp: 2125

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.0	115.4
167	16.5	11.0	16.6

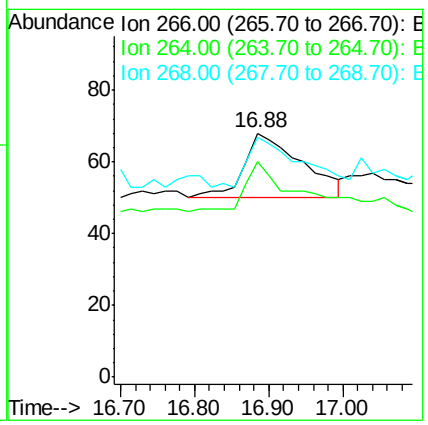


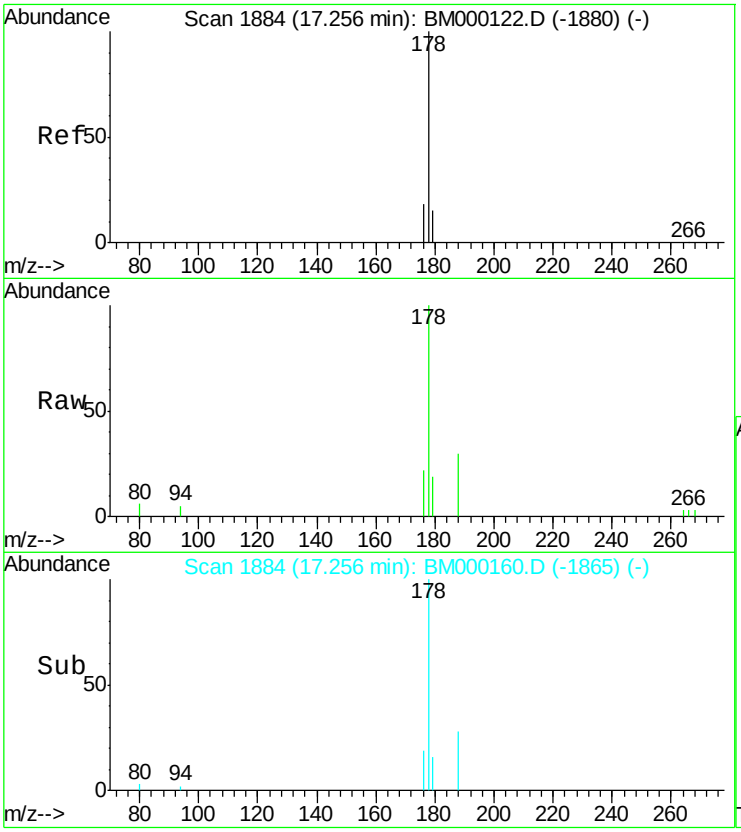


#11
Pentachlorophenol
Concen: 0.06 ng/ul
RT: 16.88 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:266 Resp: 97

Ion	Ratio	Lower	Upper
266	100		
264	83.5	53.9	80.9#
268	71.1	49.2	73.8

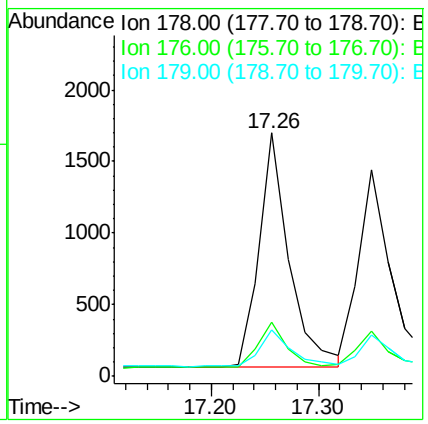


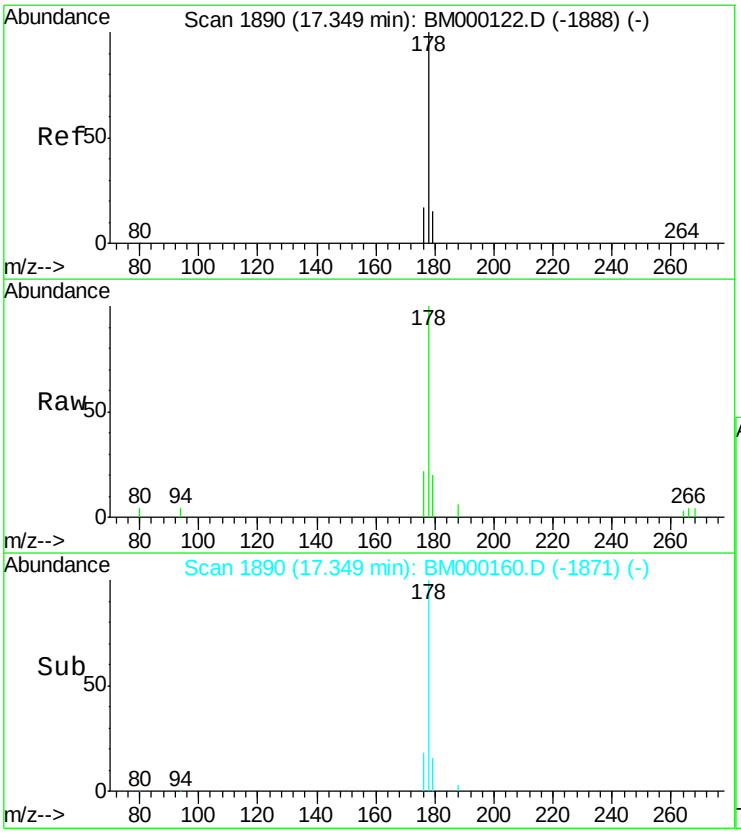


#12
Phenanthrene
Concen: 0.11 ng/ul
RT: 17.26 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:178 Resp: 3193

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

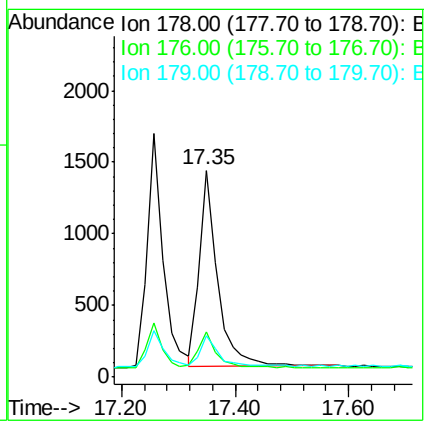


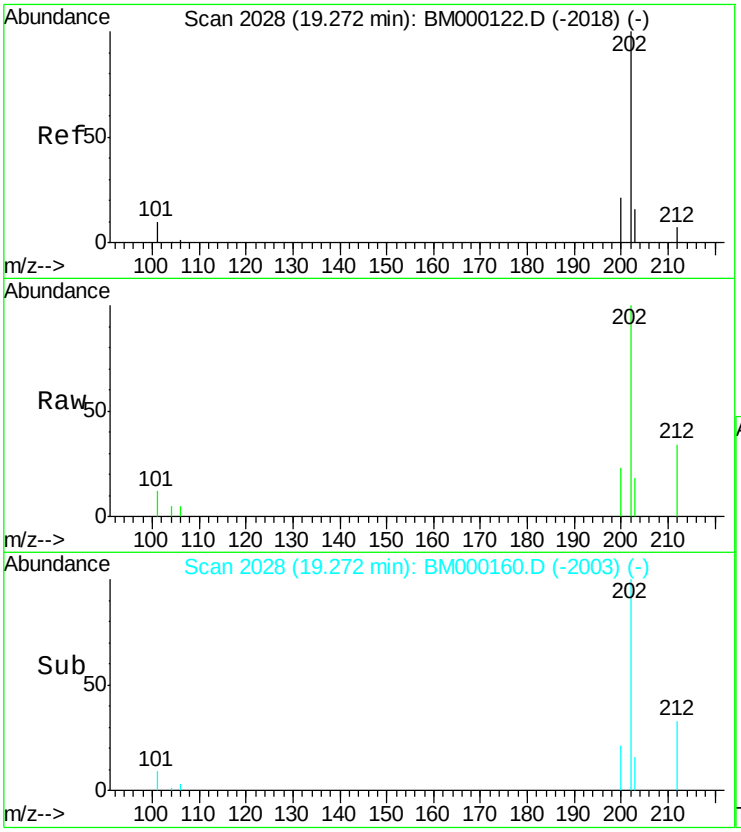


#13
Anthracene
Concen: 0.11 ng/ul
RT: 17.35 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:178 Resp: 3080

Ion	Ratio	Lower	Upper
178	100		
176	21.8	14.6	21.8
179	20.1	13.1	19.7#

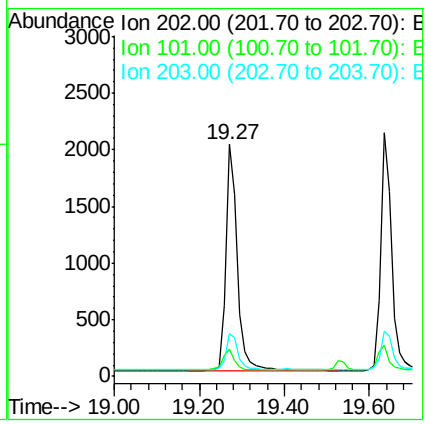


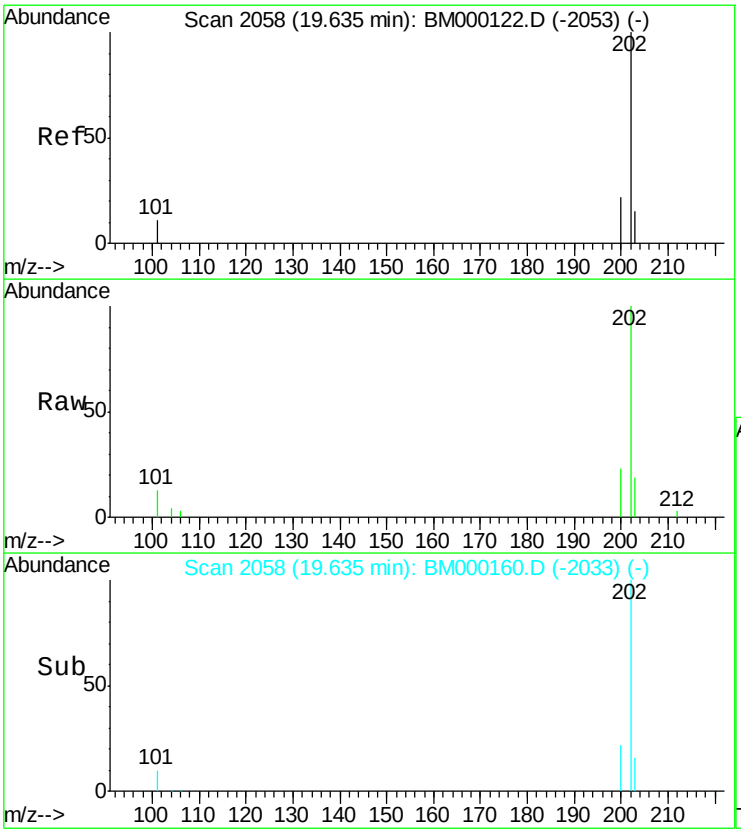


#15
Fluoranthene
Concen: 0.11 ng/ul
RT: 19.27 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:202 Resp: 3764

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.5
203	18.2	0.0	36.6

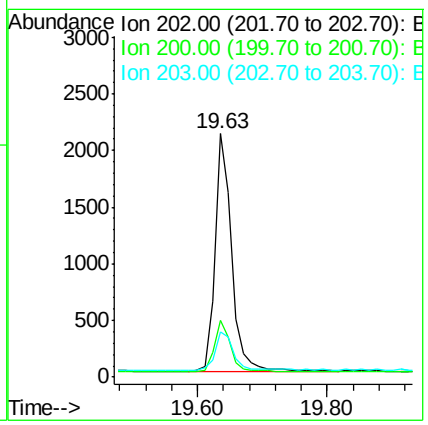


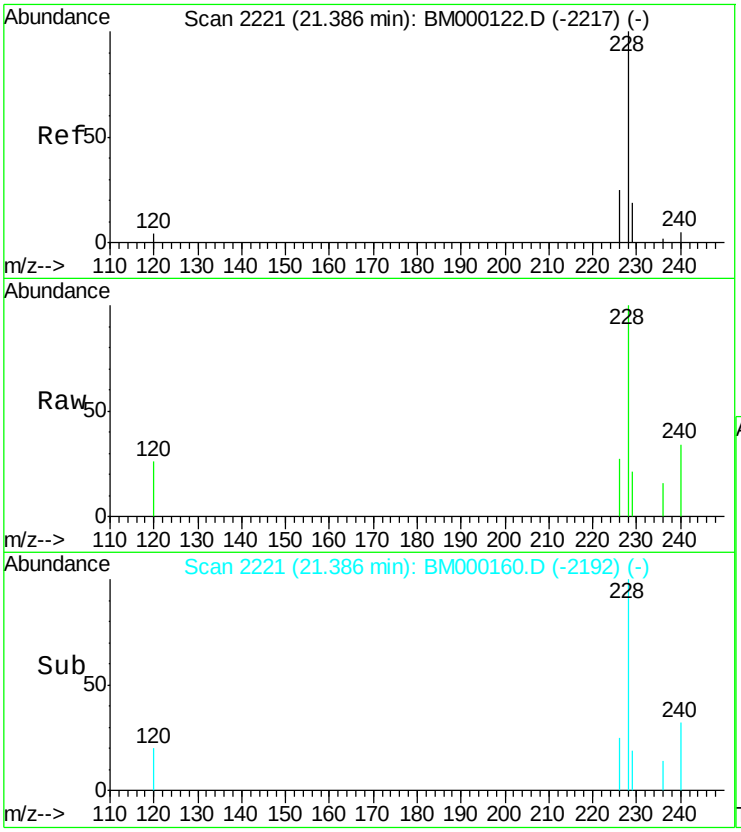


#17
Pyrene
Concen: 0.11 ng/ul
RT: 19.63 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:202 Resp: 3764

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.9	26.9
203	18.8	12.8	19.2

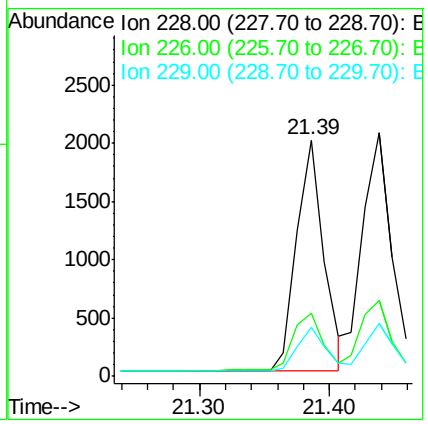


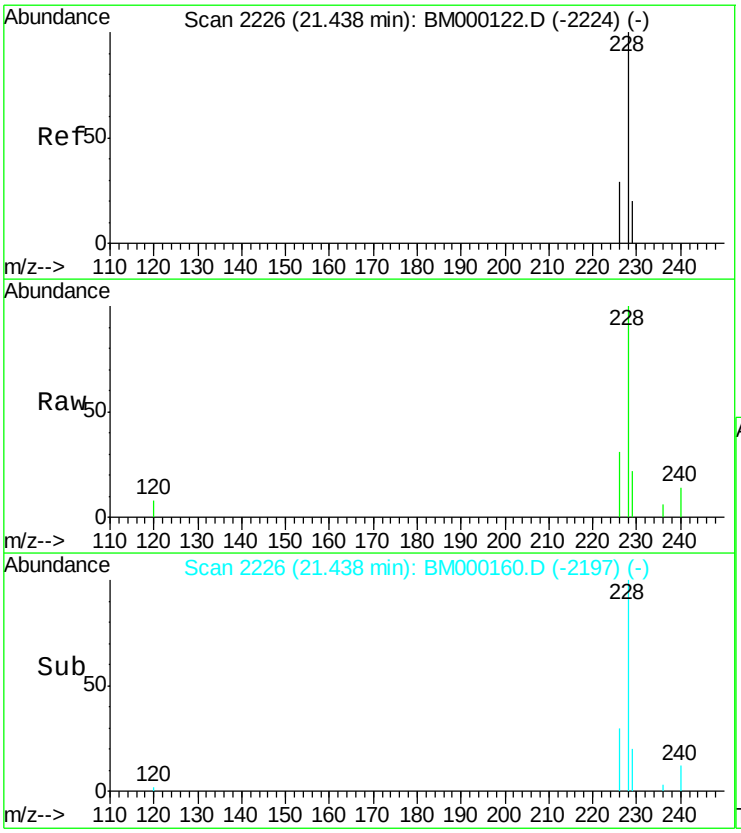


#18
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:228 Resp: 2864

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.8	31.2
229	20.8	15.5	23.3

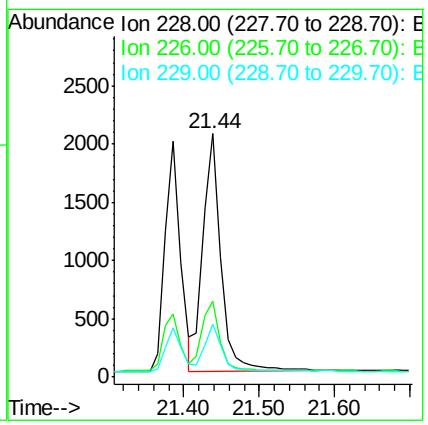


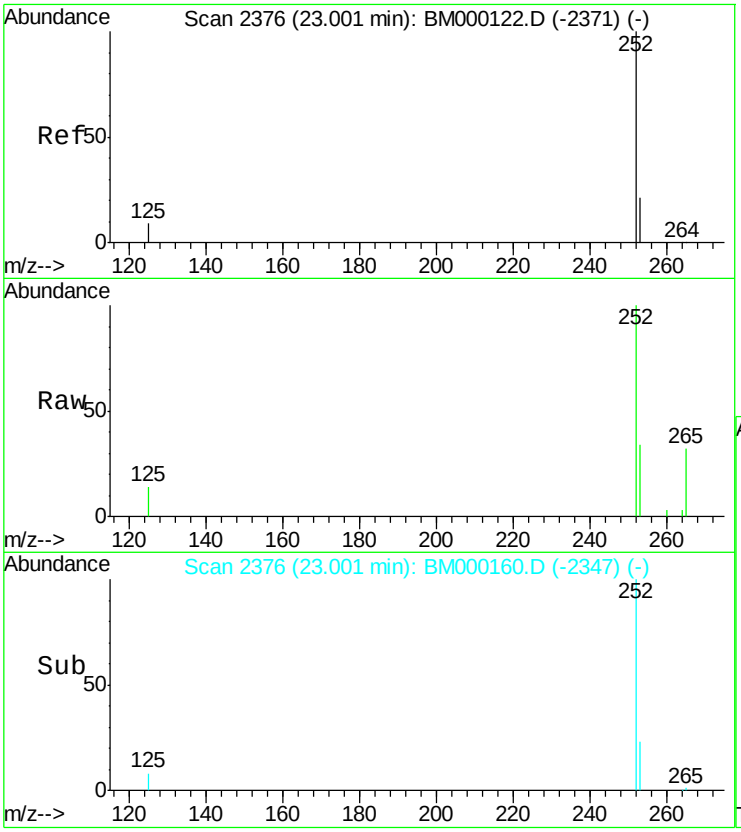


#19
Chrysene
Concen: 0.11 ng/ul
RT: 21.44 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:228 Resp: 3378

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.8	35.6
229	21.8	15.8	23.8

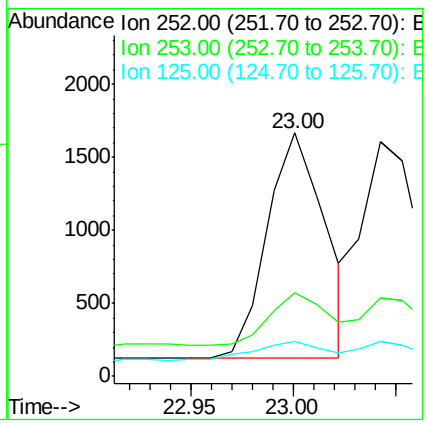


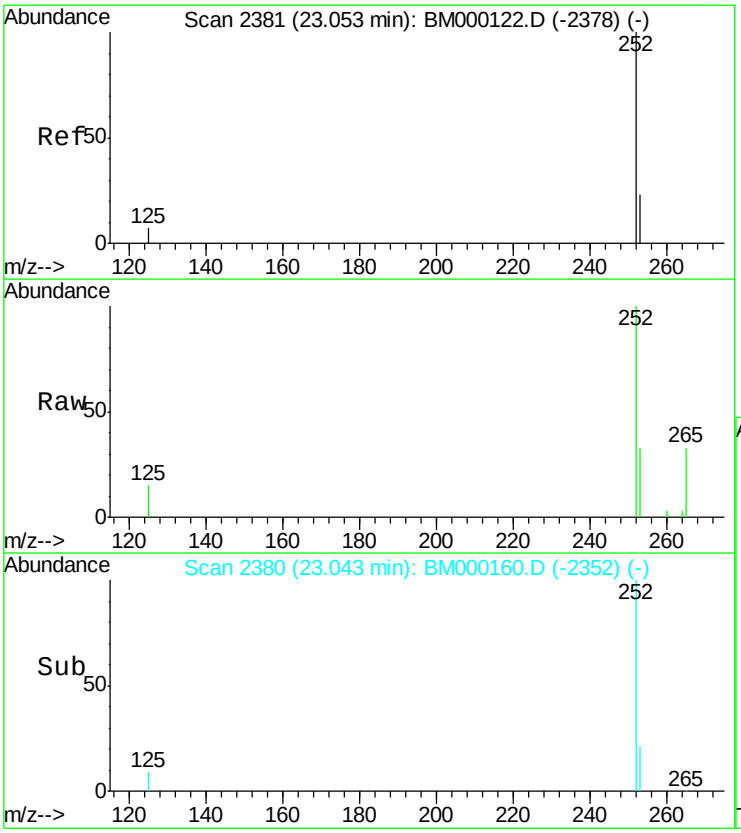


#21
Benzo(b)fluoranthene
Concen: 0.10 ng/ul
RT: 23.00 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:252 Resp: 3043

Ion	Ratio	Lower	Upper
252	100		
253	34.4	0.0	48.2
125	14.5	0.0	21.6

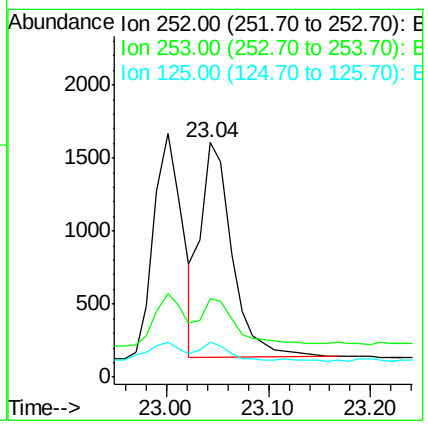


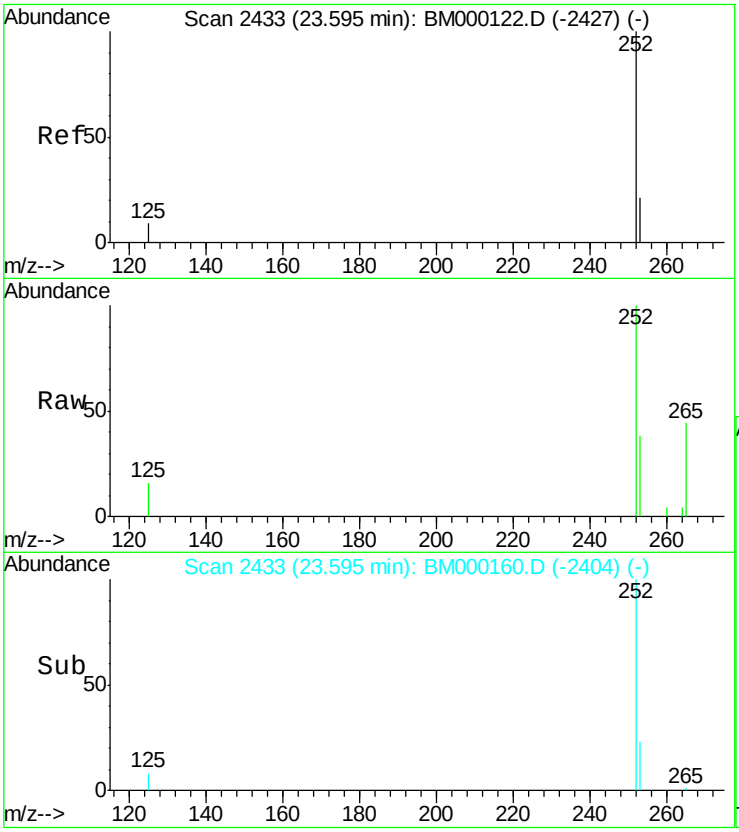


#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 23.04 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:252 Resp: 3141

Ion	Ratio	Lower	Upper
252	100		
253	33.3	20.5	30.7#
125	15.1	7.8	11.8#

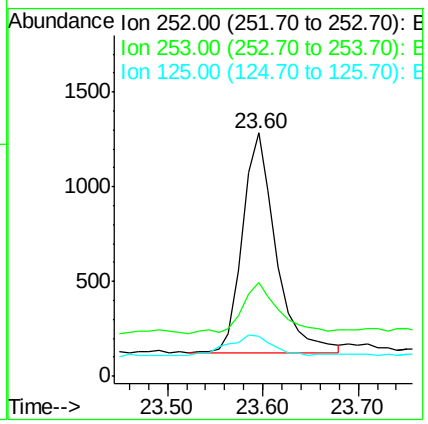


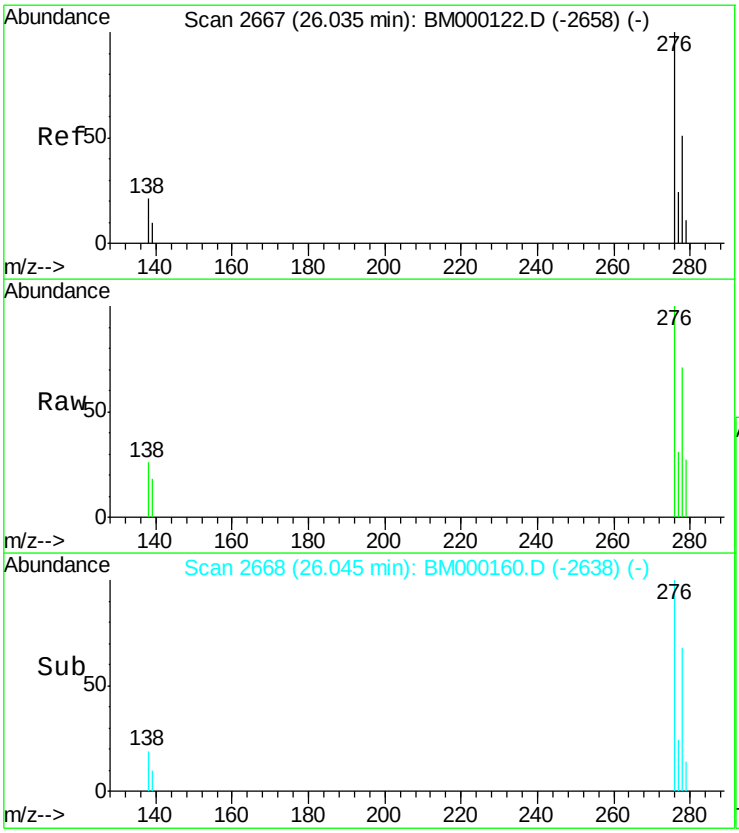


#23
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 23.60 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:252 Resp: 2823

Ion	Ratio	Lower	Upper
252	100		
253	38.4	19.8	29.6#
125	16.3	9.2	13.8#

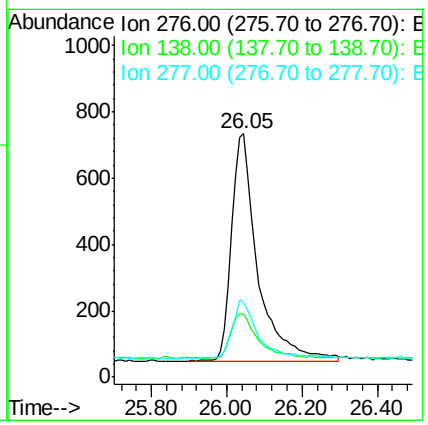


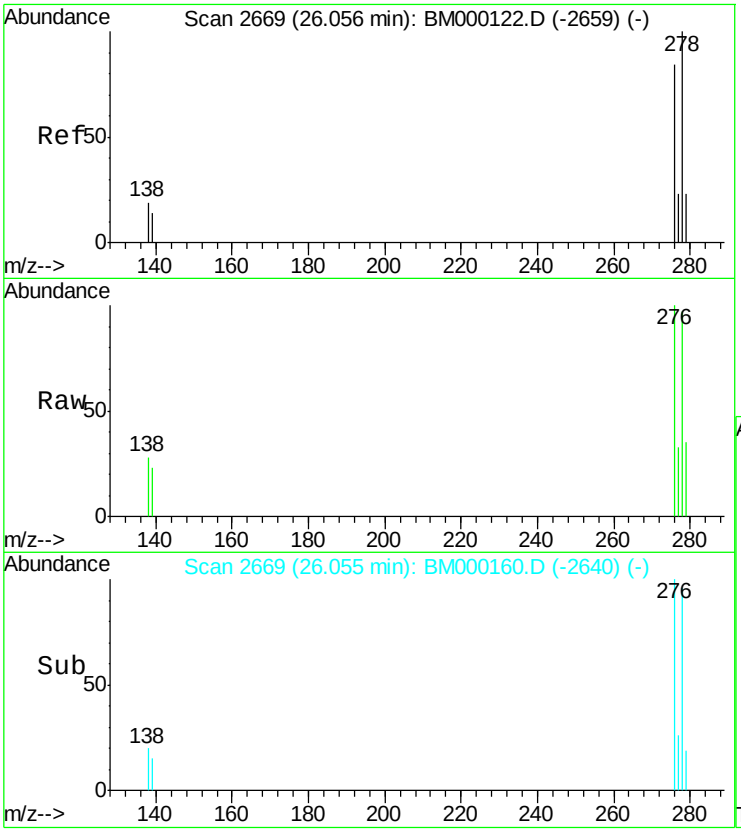


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul
RT: 26.05 min Scan# 2668
Delta R.T. 0.01 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:276 Resp: 3347

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.6	26.4
277	24.2	19.9	29.9

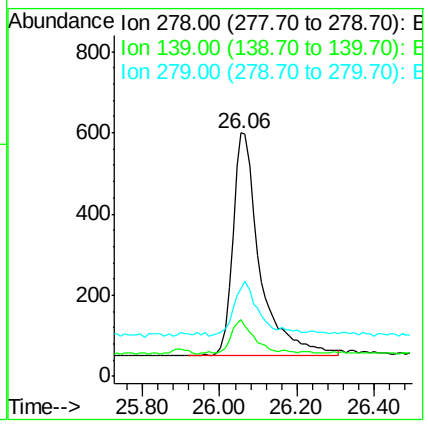


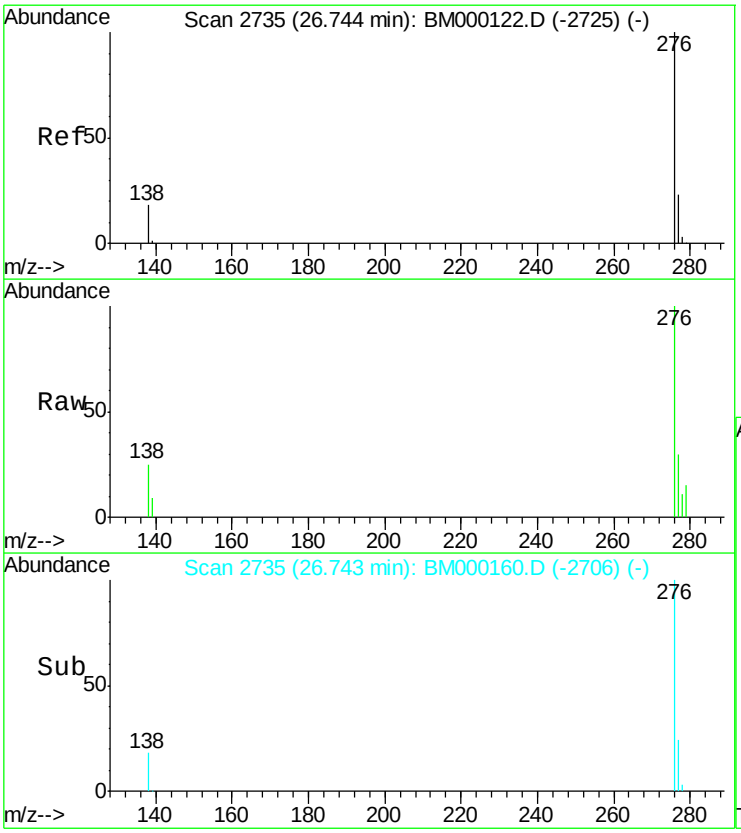


#25
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 26.06 min Scan# 2669
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:278 Resp: 2648

Ion	Ratio	Lower	Upper
278	100		
139	23.5	12.6	18.8#
279	36.0	20.6	30.8#





#26
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 26.74 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BM000160.D
Acq: 09 Jan 2015 02:47

Tgt Ion:276 Resp: 2987

Ion	Ratio	Lower	Upper
276	100		
277	30.3	20.0	30.0#
138	24.7	15.7	23.5#