Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
Data File : BM002161.D
Acq On : 31 Jul 2015 18:06
Operator : TP/UM
Sample : G3065-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Z9

Quant Time: Aug 01 02:22:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	49929	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	194394	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	114940	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	265372	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	324281	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	327238	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	1938	2.01	ng/uL	0.00
5) Phenol-d5	6.76	99	41580	11.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	23552	11.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	37090	12.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	23535	8.29	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	16617	12.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	17406	11.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	34740	11.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	39292	12.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	115572	13.73	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	131572	12.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	7085	5.04	ng/ul	0.00
58) Fluorene-d10	15.24	176	97675	13.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	3149	1.94	ng/ul	0.00
71) Anthracene-d10	17.09	188	147348	12.44	ng/ul	0.00
79) Pyrene-d10	19.40	212	178590	13.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	200603	12.65	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	124742	14.84	ng/ul	98
57) Diethylphthalate	15.07	149	11366	1.37	ng/ul#	95
70) Phenanthrene	17.03	178	30595	2.23	ng/ul	95
72) Anthracene	17.13	178	48238	3.43	ng/ul	98
75) Carbazole	17.40	167	14061	1.17	ng/ul#	89
77) Fluoranthene	19.06	202	61438	3.87	ng/ul	99
80) Pyrene	19.43	202	72356	4.10	ng/ul	98
83) Benzo(a)anthracene	21.19	228	31722	1.76	ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.11	149	19080	1.85	ng/ul#	92
85) Chrysene	21.23	228	37683	2.24	ng/ul#	89
88) Benzo(b)fluoranthene	22.74	252	43369	2.36	ng/ul#	80
91) Benzo(a)pyrene	23.30	252	30983	1.75	ng/ul#	80
92) Indeno(1,2,3-cd)pyrene	25.60	276	21017	1.03	ng/ul	97
94) Benzo(g,h,i)perylene	26.29	276	22075	1.29	ng/ul#	91

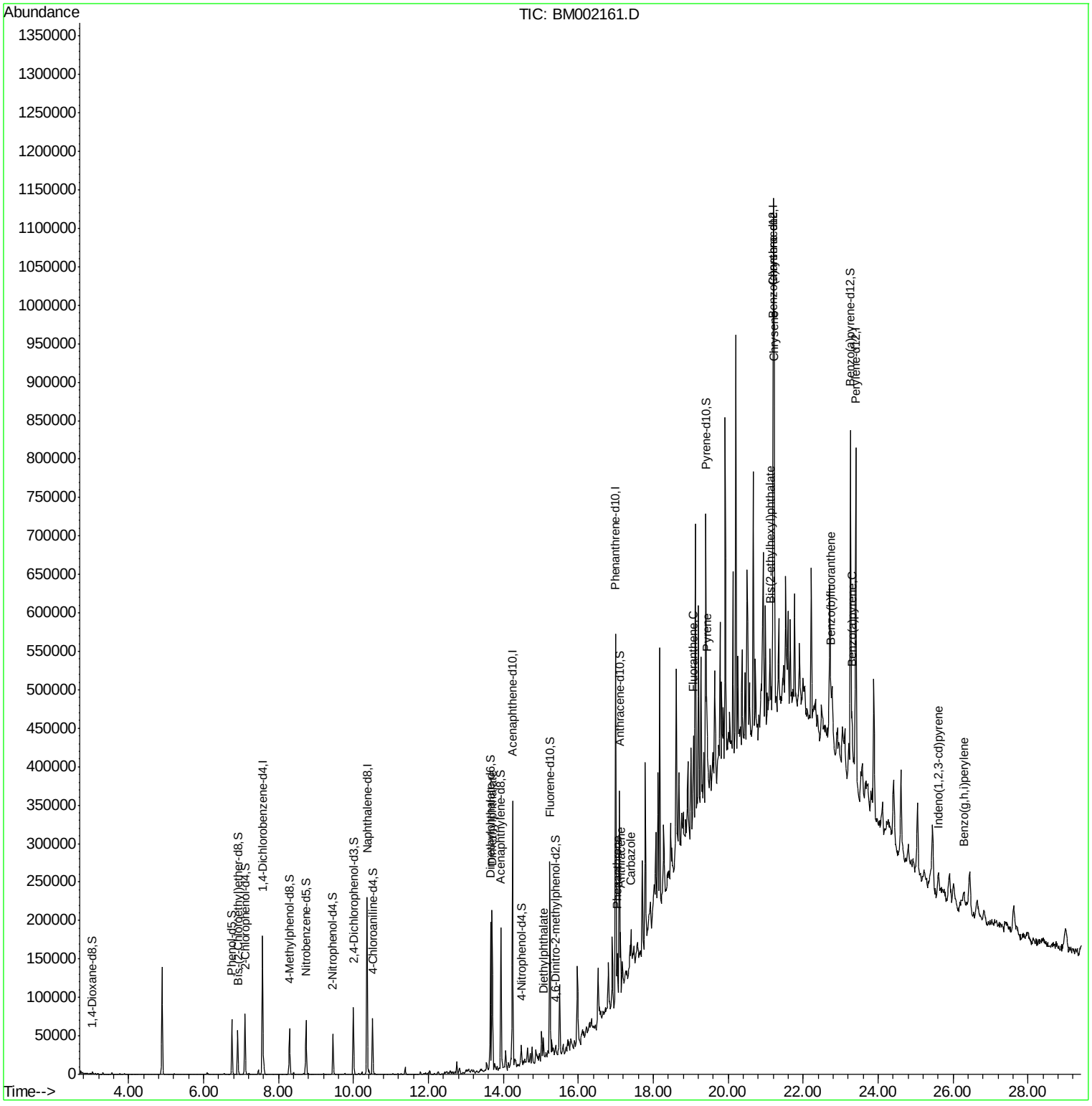
(#) = qualifier out of range (m) = manual integration (+) = signals summed

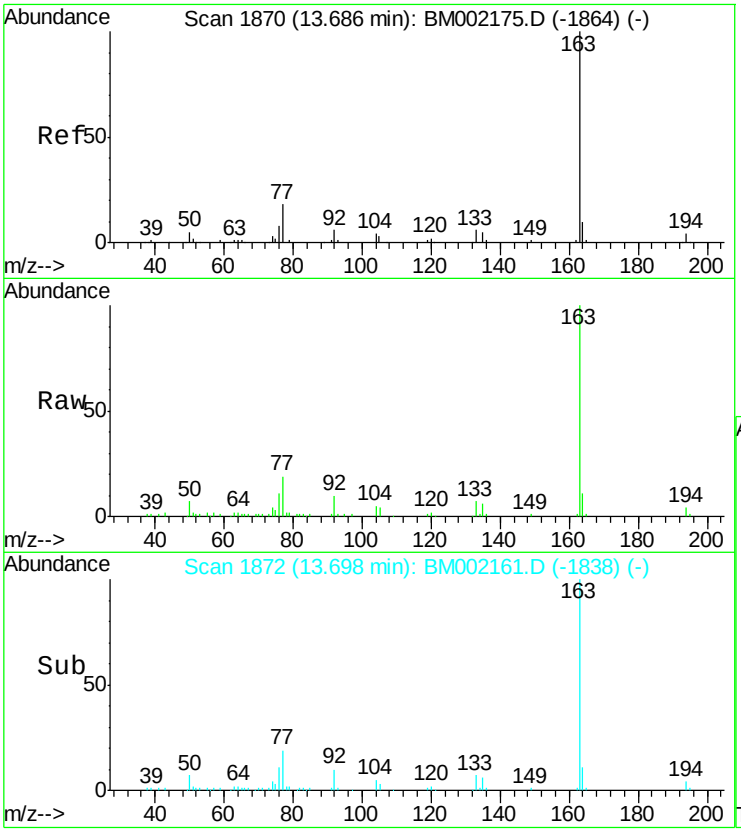
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
Data File : BM002161.D
Acq On : 31 Jul 2015 18:06
Operator : TP/UM
Sample : G3065-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Z9

Quant Time: Aug 01 02:22:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration



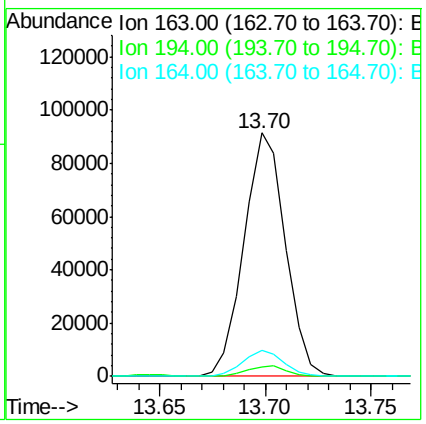


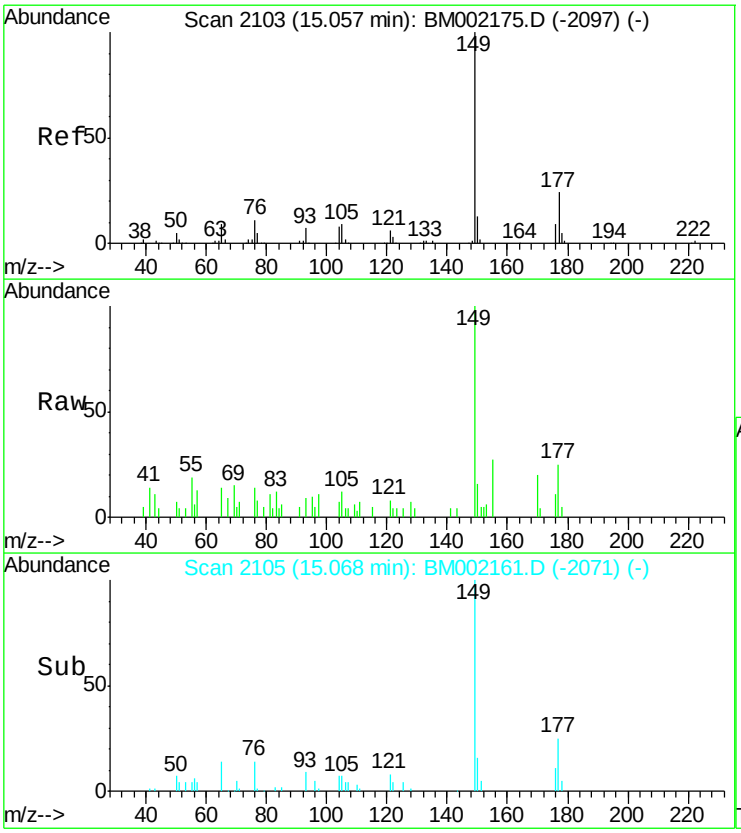
#45
Dimethylphthalate
Concen: 14.84 ng/ul
RT: 13.70 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Instrument :
BNA_M
ClientSampleId :
C01Z9

Tgt Ion:163 Resp: 124742

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.7	8.0	12.0

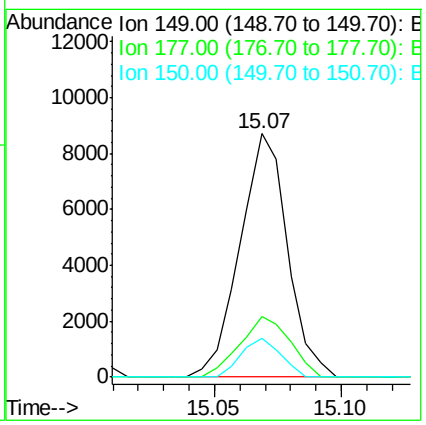


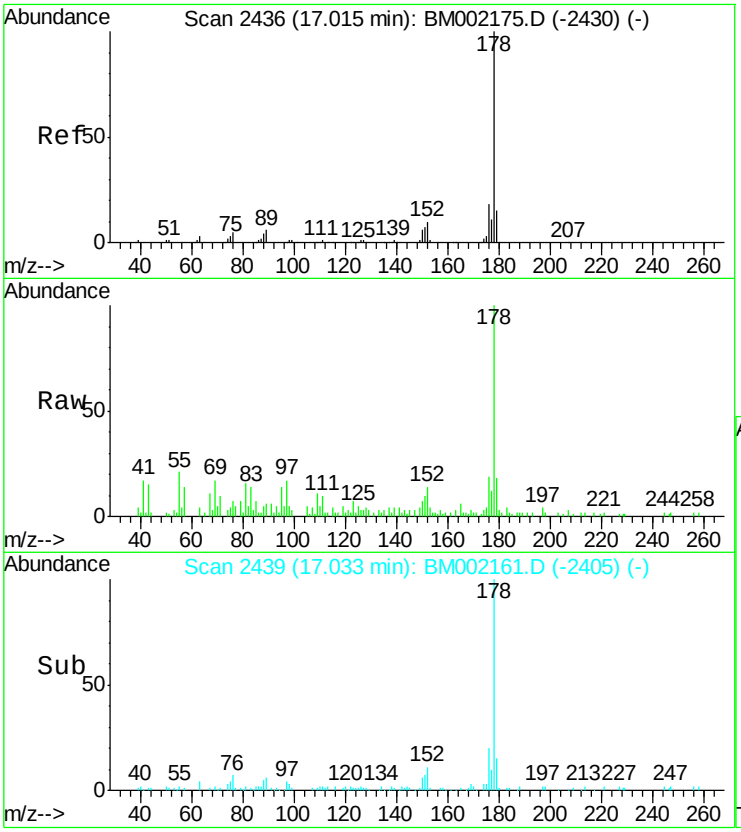


#57
Diethylphthalate
Concen: 1.37 ng/ul
RT: 15.07 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Tgt Ion:149 Resp: 11366

Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.4	27.6
150	15.9	10.1	15.1#



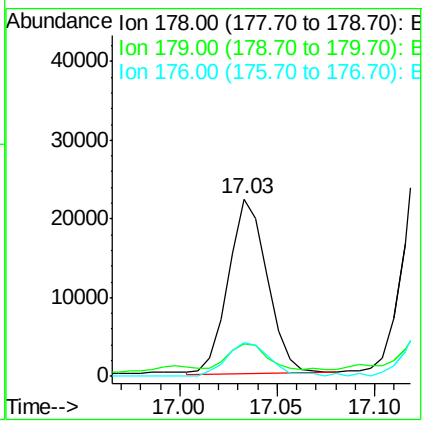


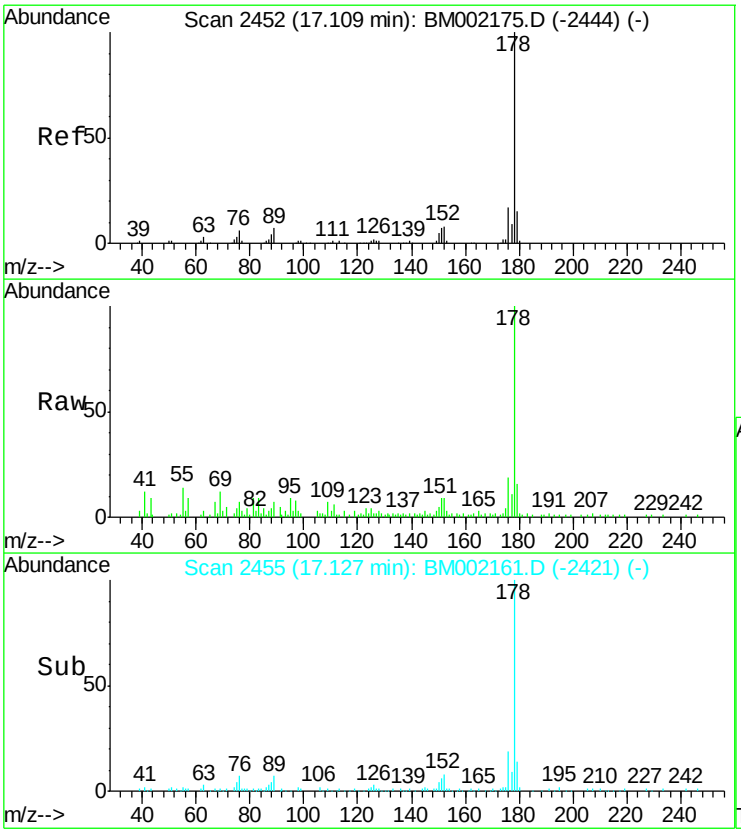
#70
Phenanthrene
Concen: 2.23 ng/ul
RT: 17.03 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Instrument :
BNA_M
ClientSampleId :
C01Z9

Tgt Ion:178 Resp: 30595

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.5	18.7
176	19.1	14.2	21.4

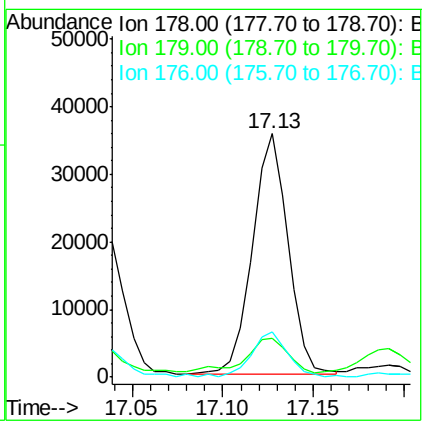


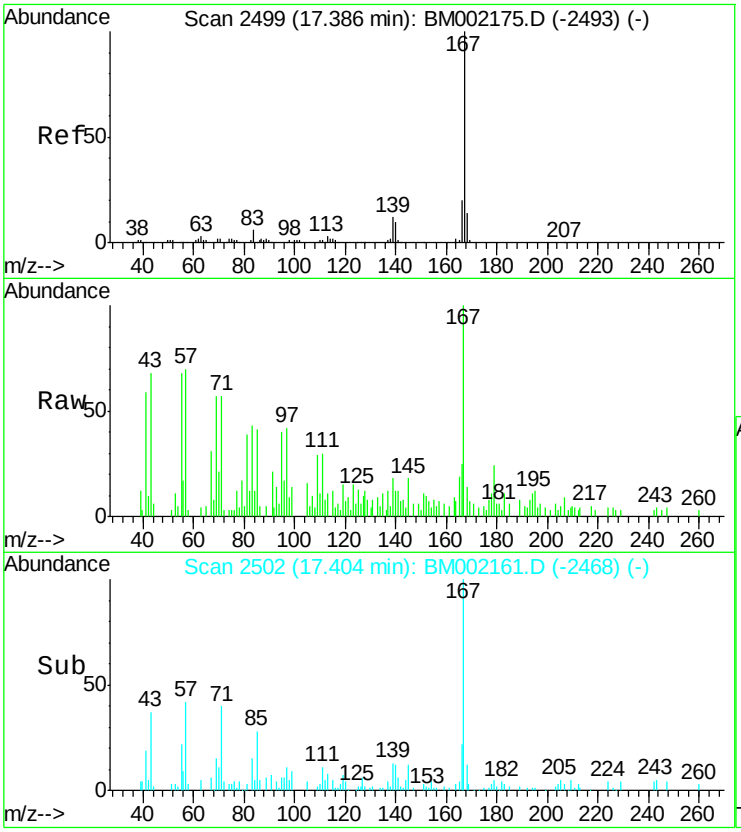


#72
Anthracene
Concen: 3.43 ng/ul
RT: 17.13 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Tgt Ion:178 Resp: 48238

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.8	14.1	21.1



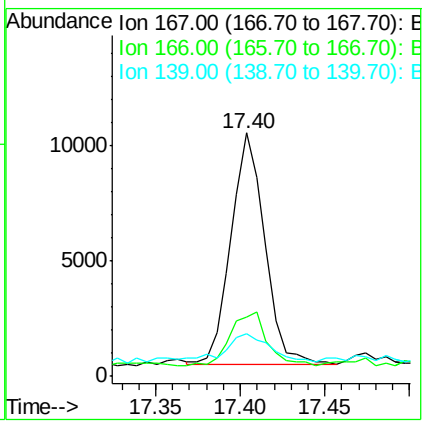


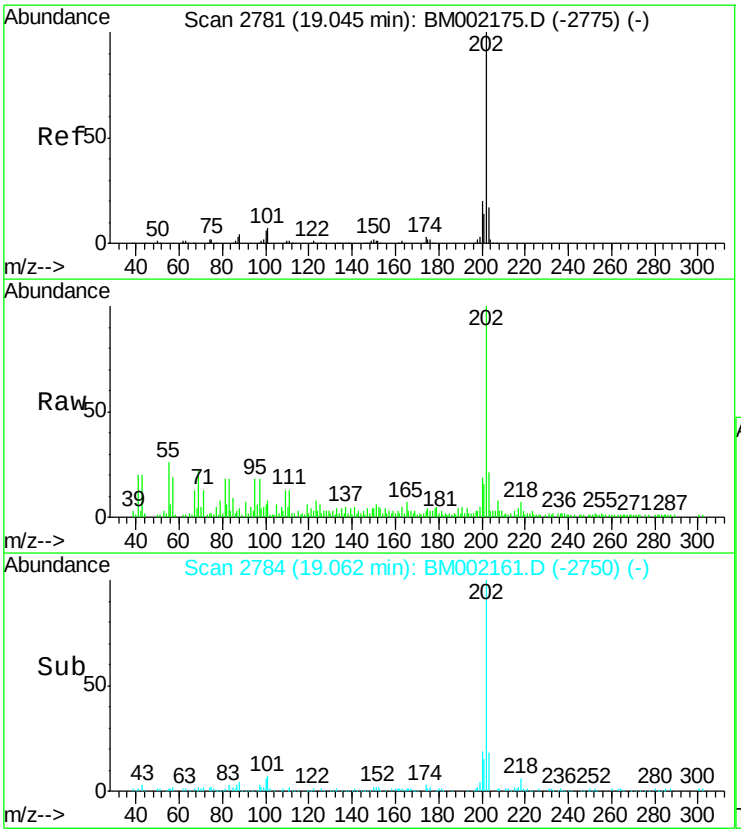
#75
Carbazole
Concen: 1.17 ng/ul
RT: 17.40 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Instrument :
BNA_M
ClientSampleId :
C01Z9

Tgt Ion:167 Resp: 14061

Ion	Ratio	Lower	Upper
167	100		
166	24.5	16.2	24.4#
139	17.7	9.6	14.4#

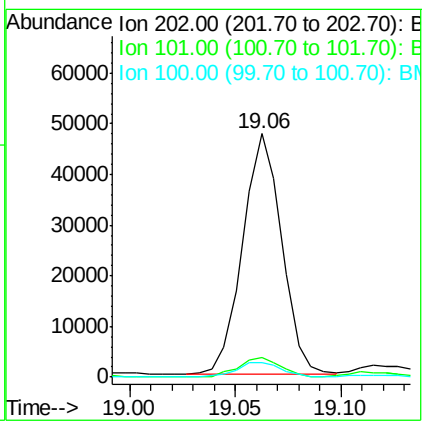


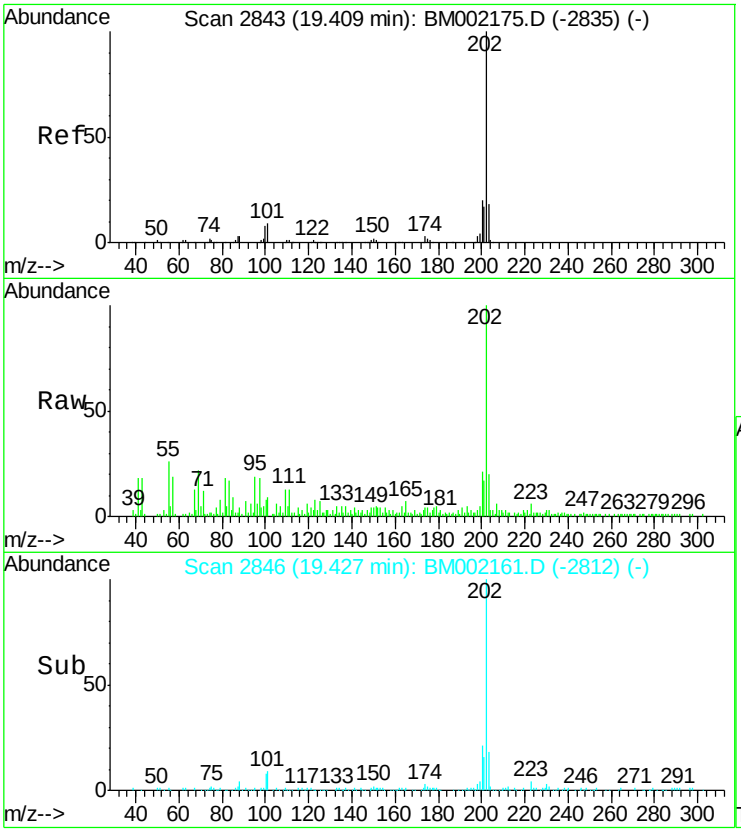


#77
Fluoranthene
Concen: 3.87 ng/ul
RT: 19.06 min Scan# 2784
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Tgt Ion:202 Resp: 61438

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.2	9.4
100	6.1	5.2	7.8



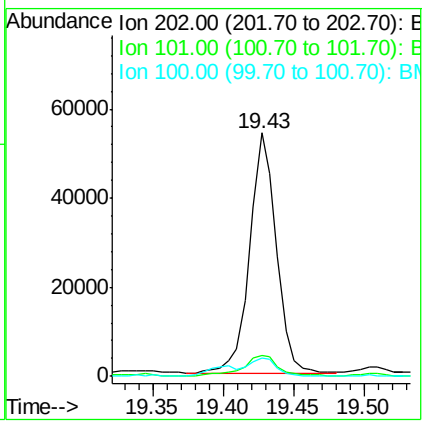


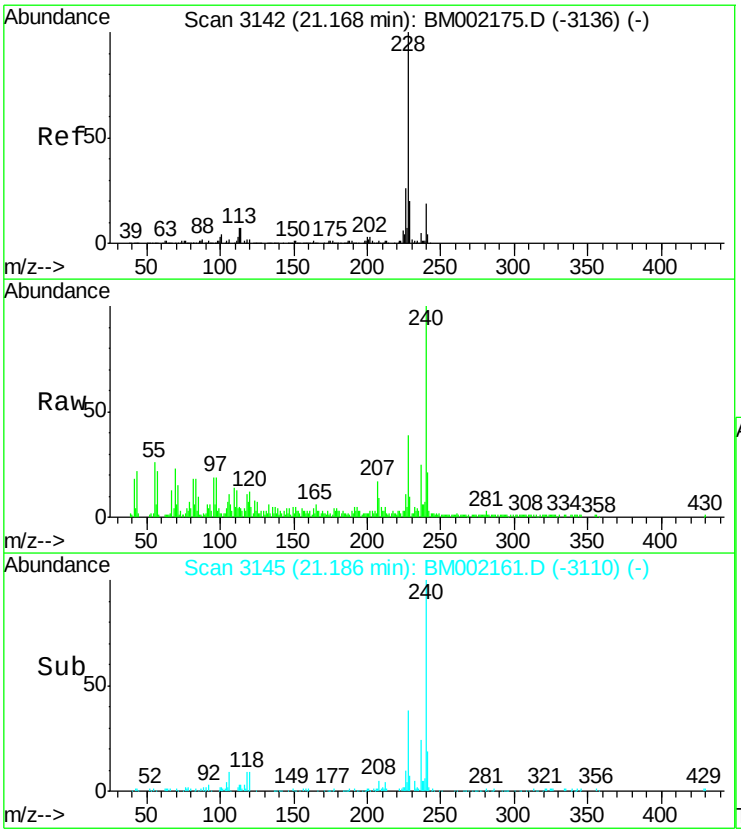
#80
Pyrene
Concen: 4.10 ng/ul
RT: 19.43 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Instrument :
BNA_M
ClientSampleId :
C01Z9

Tgt Ion:202 Resp: 72356

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.4	11.2
100	7.6	6.3	9.5

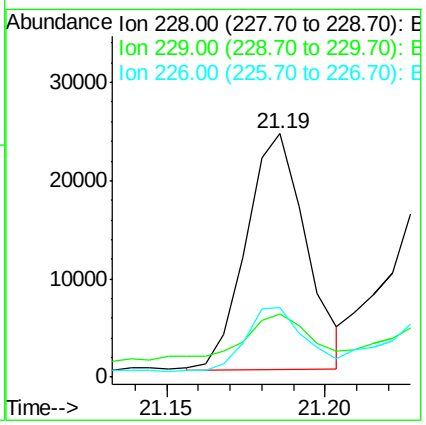


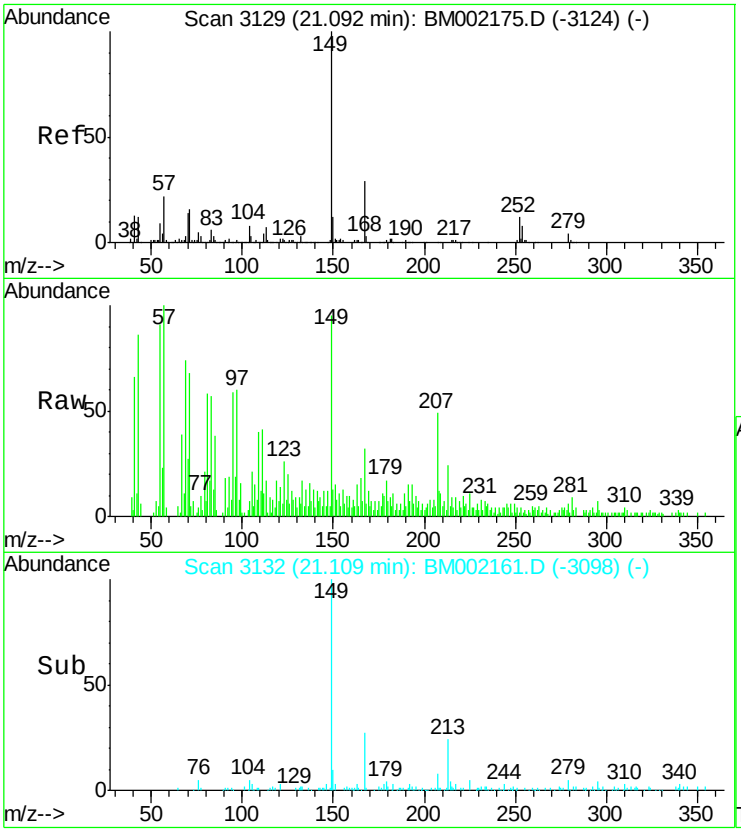


#83
Benzo(a)anthracene
Concen: 1.76 ng/ul
RT: 21.19 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Tgt Ion:228 Resp: 31722

Ion	Ratio	Lower	Upper
228	100		
229	26.1	15.4	23.2#
226	28.8	20.5	30.7



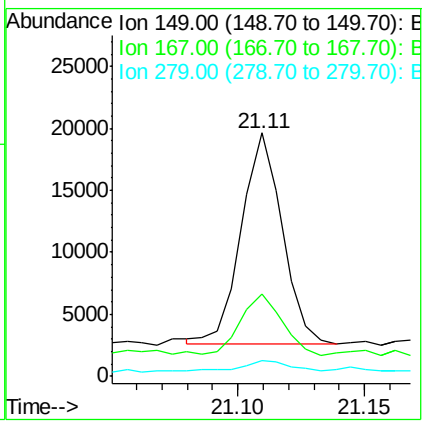


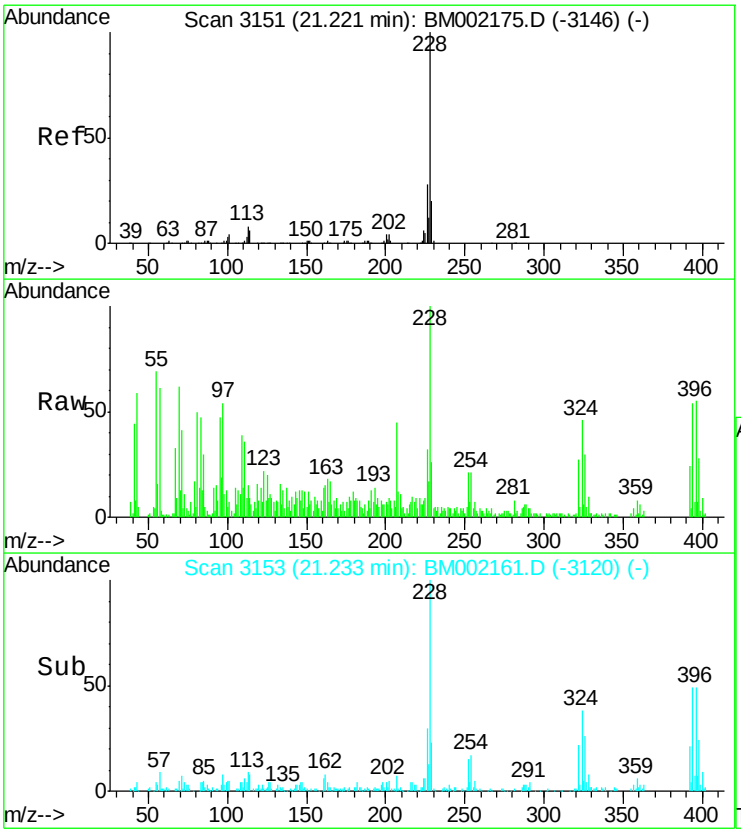
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.85 ng/ul
RT: 21.11 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Instrument :
BNA_M
ClientSampleId :
C01Z9

Tgt Ion:149 Resp: 19080

Ion	Ratio	Lower	Upper
149	100		
167	34.0	23.6	35.4
279	6.6	4.2	6.4#

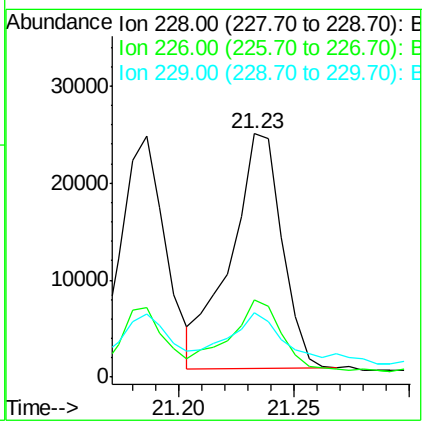


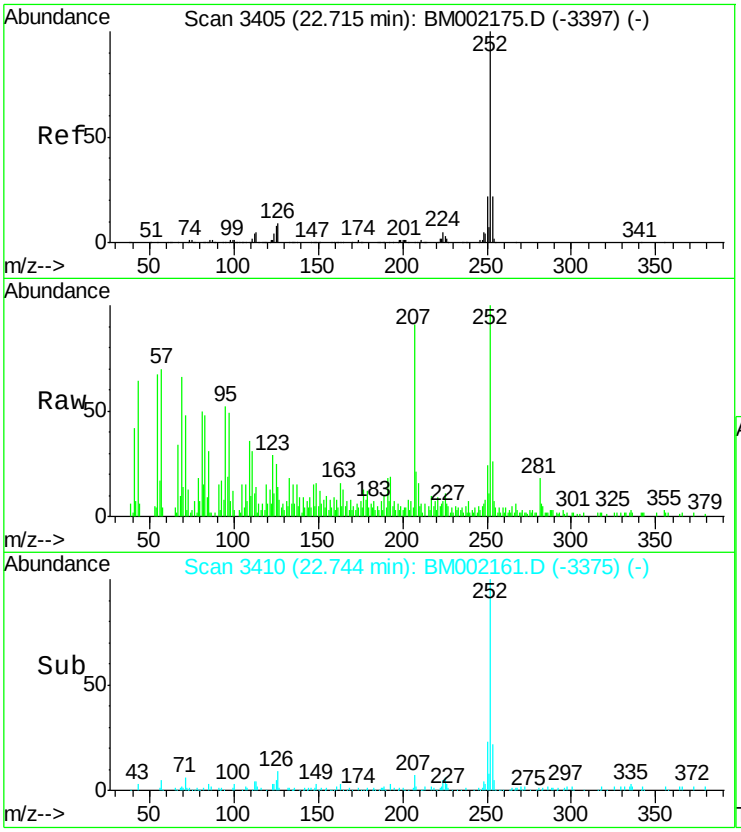


#85
Chrysene
Concen: 2.24 ng/ul
RT: 21.23 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Tgt Ion:228 Resp: 37683

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.3	33.5
229	26.4	15.5	23.3#



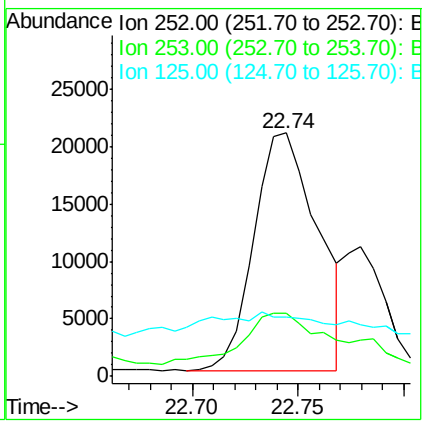


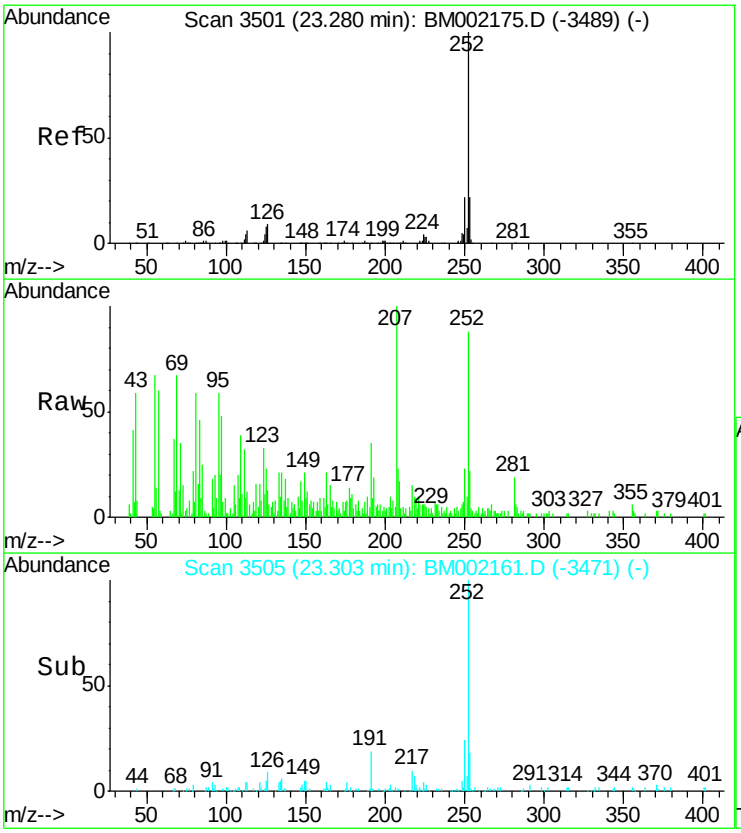
#88
Benzo(b)fluoranthene
Concen: 2.36 ng/ul
RT: 22.74 min Scan# 3410
Delta R.T. 0.01 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Instrument :
BNA_M
ClientSampleId :
C01Z9

Tgt Ion:252 Resp: 43369

Ion	Ratio	Lower	Upper
252	100		
253	25.7	16.9	25.3#
125	24.6	6.2	9.2#

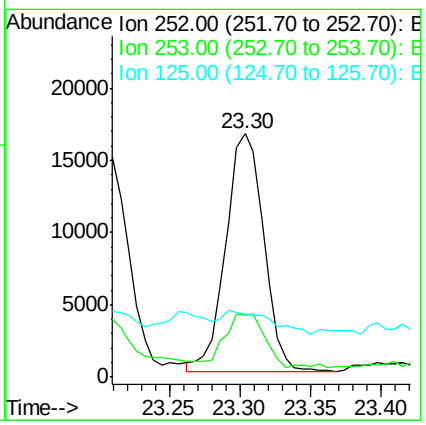


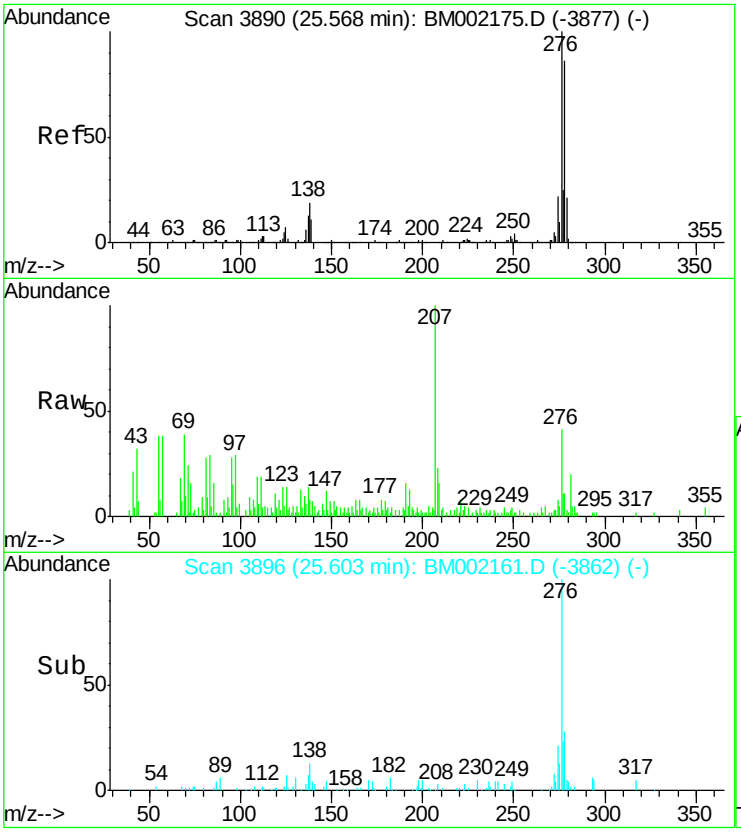


#91
Benzo(a)pyrene
Concen: 1.75 ng/ul
RT: 23.30 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Tgt Ion:252 Resp: 30983

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	26.1	6.6	10.0#



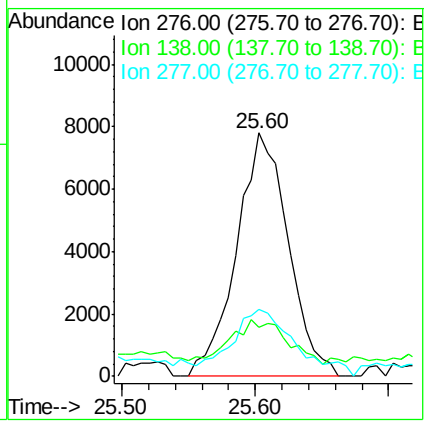


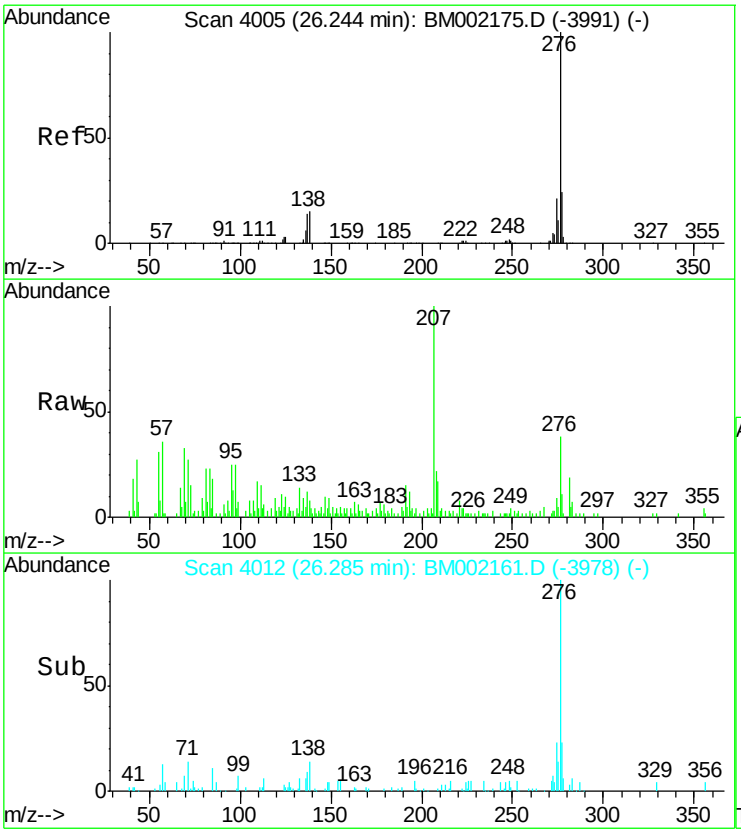
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.03 ng/ul
RT: 25.60 min Scan# 3896
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Instrument :
BNA_M
ClientSampleId :
C01Z9

Tgt Ion:276 Resp: 21017

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.2	24.2
277	27.4	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 1.29 ng/ul
RT: 26.29 min Scan# 4012
Delta R.T. 0.00 min
Lab File: BM002161.D
Acq: 31 Jul 2015 18:06

Tgt Ion:276 Resp: 22075

Ion	Ratio	Lower	Upper
276	100		
138	20.4	13.8	20.6
277	27.6	18.2	27.2#