Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002018.D
Acq On : 23 Jul 2015 16:09
Operator : TP/UM
Sample : G3000-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B4RE

Quant Time: Jul 24 01:32:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:29:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	94942	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	370377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	196303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	389560	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	402283	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	409983	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	1872	0.96	ng/uL	0.00
5) Phenol-d5	6.79	99	47909	6.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	29258	6.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	42225	6.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	20827	3.27	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	20219	7.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	20461	6.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	38753	6.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	26831	4.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	120201	7.59	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	124455	6.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	12281	4.58	ng/ul	0.00
57) Fluorene-d10	15.27	176	83911	6.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	1799	0.71	ng/ul	0.00
70) Anthracene-d10	17.12	188	111531	6.10	ng/ul	0.00
78) Pyrene-d10	19.43	212	107130	5.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	91282	4.40	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.44	105	20316	2.02	ng/ul	94
44) Dimethylphthalate	13.73	163	123448	7.66	ng/ul	100
69) Phenanthrene	17.07	178	119847	5.68	ng/ul	97
71) Anthracene	17.16	178	28442	1.31	ng/ul	94
76) Fluoranthene	19.09	202	236614	9.59	ng/ul	99
79) Pyrene	19.46	202	210437	8.74	ng/ul	99
82) Benzo(a)anthracene	21.21	228	117879	4.92	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	166978	12.45	ng/ul	98
84) Chrysene	21.26	228	117980	5.26	ng/ul	97
87) Benzo(b)fluoranthene	22.78	252	173492	6.90	ng/ul#	91
88) Benzo(k)fluoranthene	22.78	252	82418	3.41	ng/ul#	92
90) Benzo(a)pyrene	23.34	252	103646	4.39	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.67	276	80361	3.24	ng/ul	98
92) Dibenzo(a,h)anthracene	25.67	278	22854	1.09	ng/ul#	83
93) Benzo(g,h,i)perylene	26.35	276	77850	3.82	ng/ul#	90

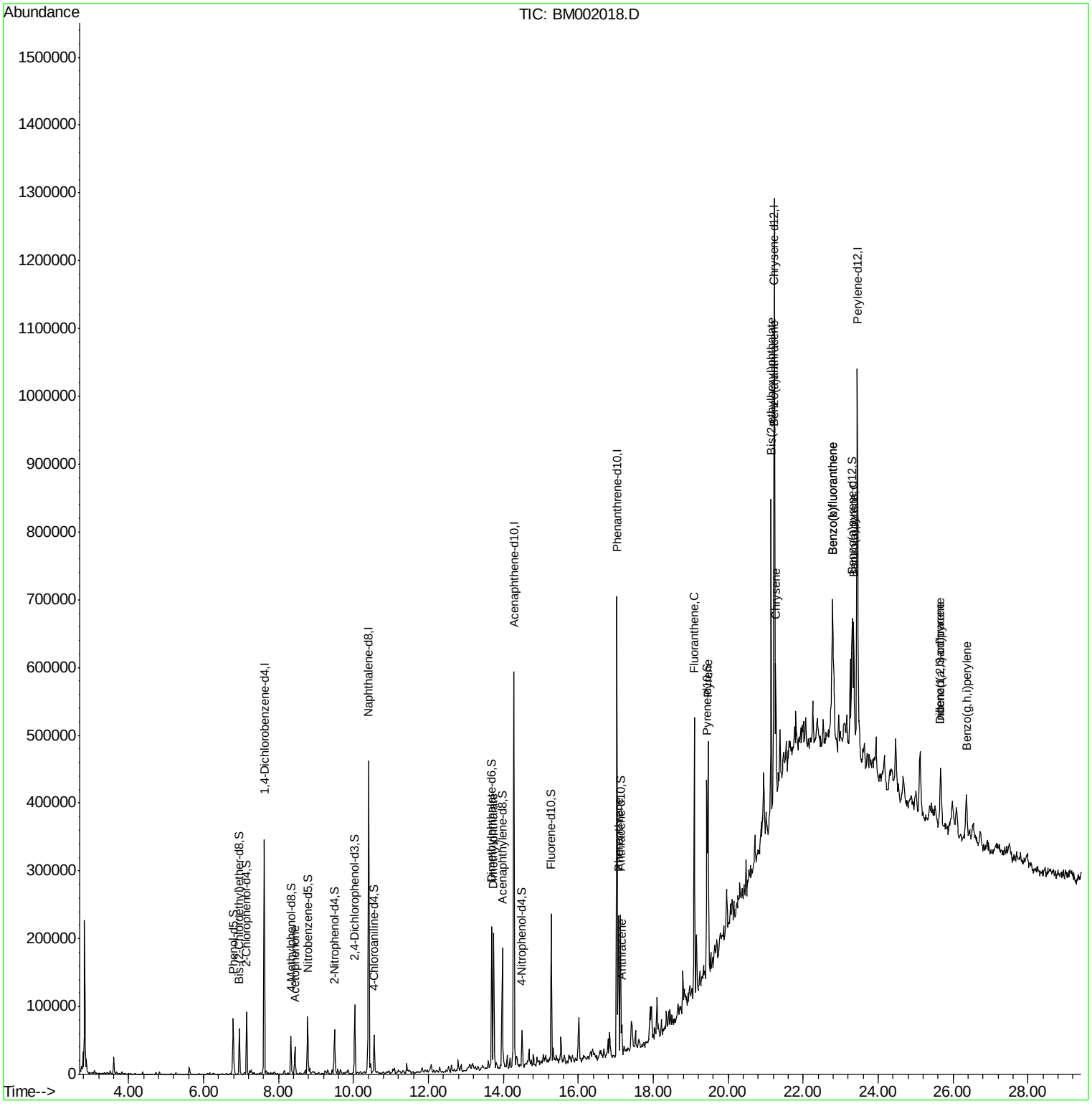
(#) = qualifier out of range (m) = manual integration (+) = signals summed

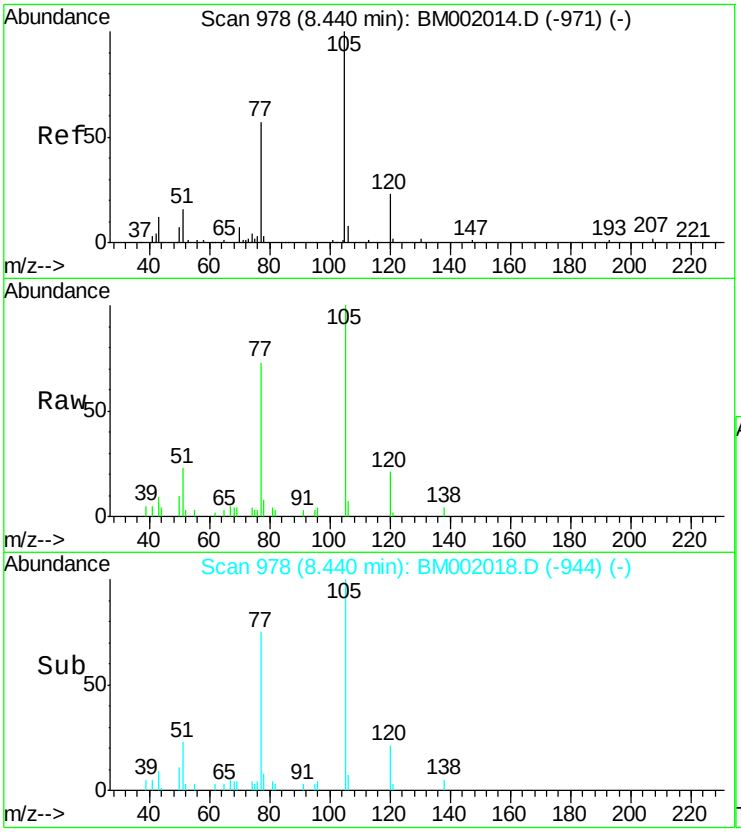
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002018.D
Acq On : 23 Jul 2015 16:09
Operator : TP/UM
Sample : G3000-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B4RE

Quant Time: Jul 24 01:32:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:29:30 2015
Response via : Initial Calibration



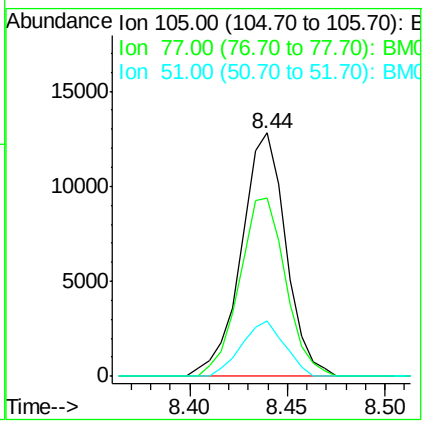


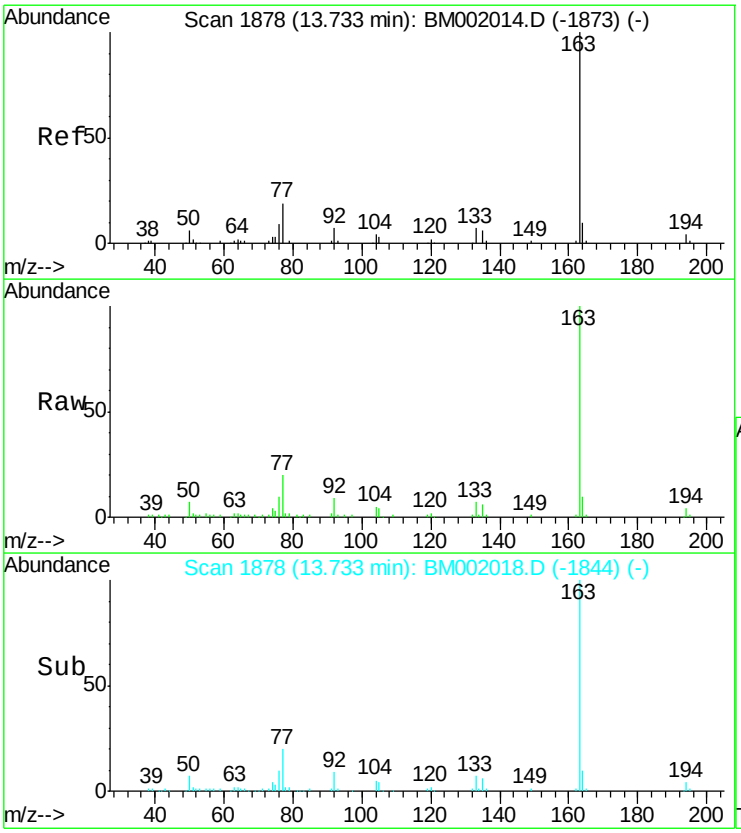
#14
Acetophenone
Concen: 2.02 ng/ul
RT: 8.44 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion:105 Resp: 20316

Ion	Ratio	Lower	Upper
105	100		
77	73.3	62.2	93.4
51	22.6	21.4	32.0

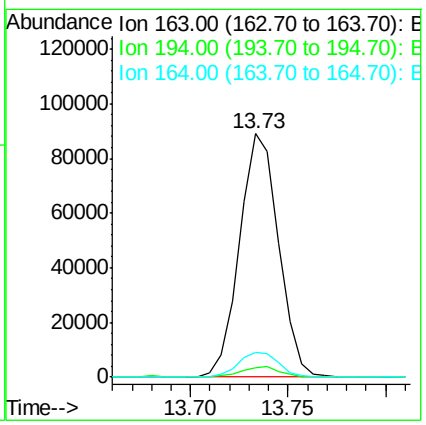


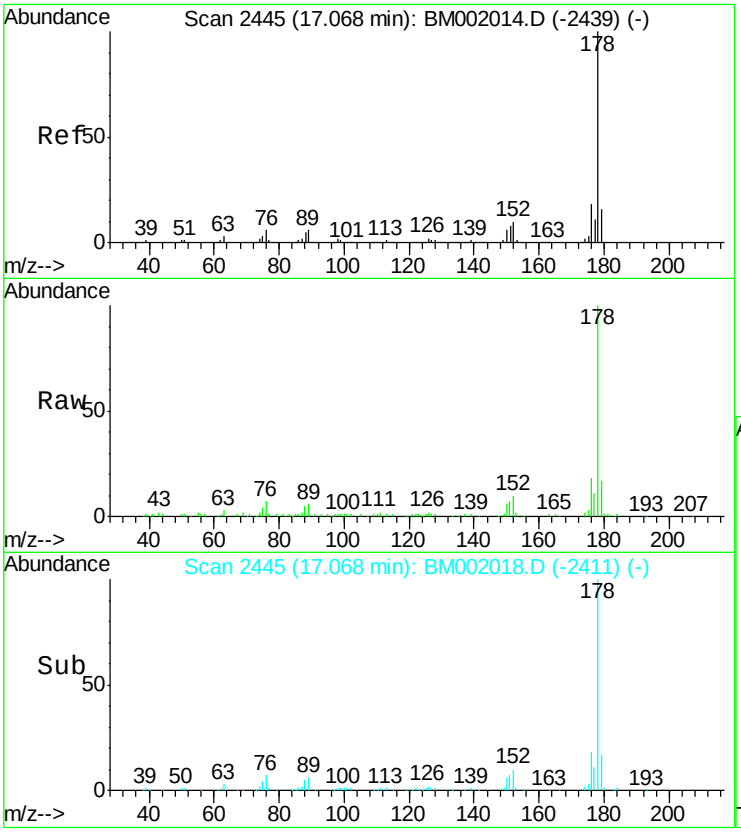


#44
Dimethylphthalate
Concen: 7.66 ng/ul
RT: 13.73 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion:163 Resp: 123448

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.3	8.2	12.4



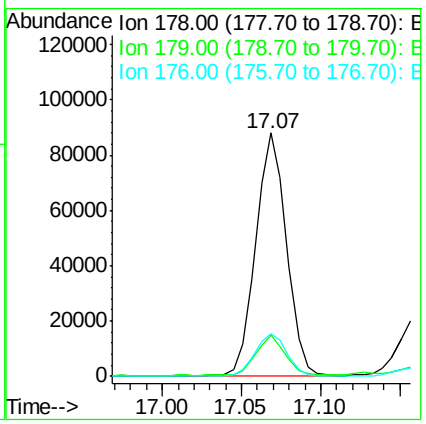


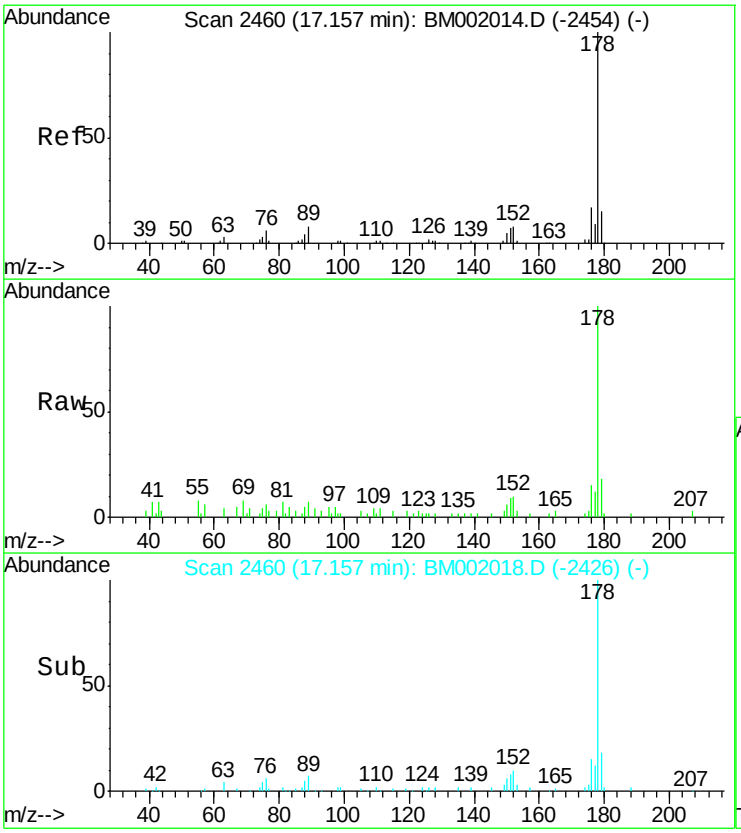
#69
Phenanthrene
Concen: 5.68 ng/ul
RT: 17.07 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion:178 Resp: 119847

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.1	18.1
176	17.8	14.6	21.8

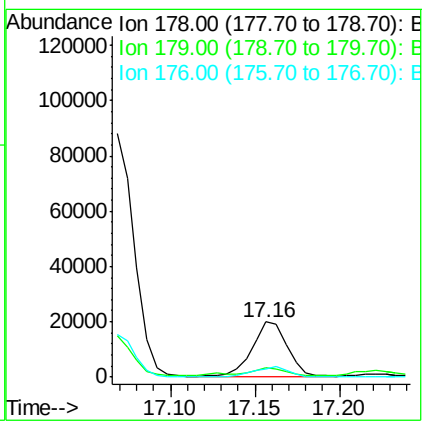


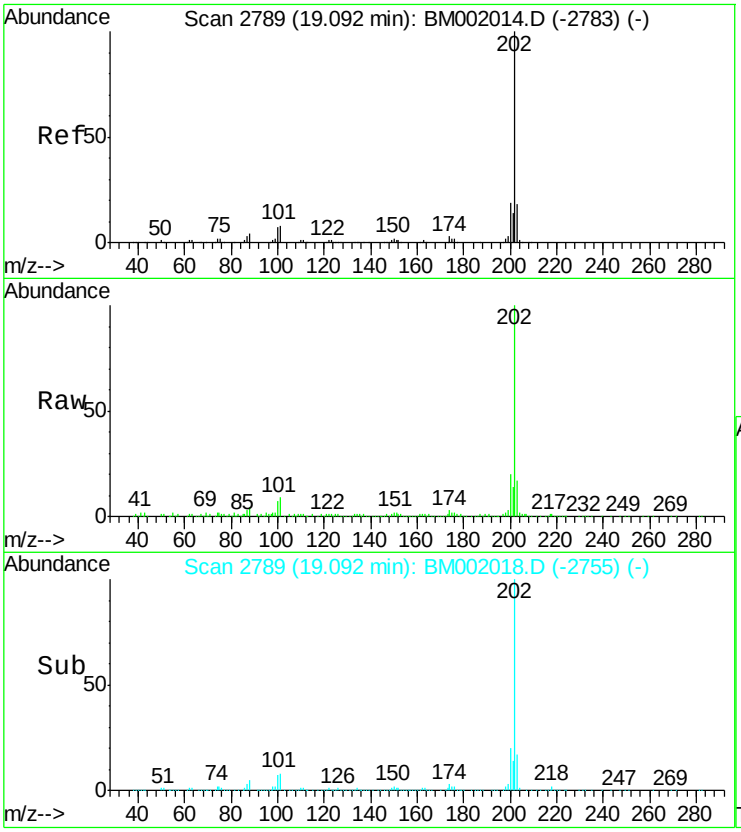


#71
Anthracene
Concen: 1.31 ng/ul
RT: 17.16 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion:178 Resp: 28442

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.4	18.6
176	15.4	14.3	21.5



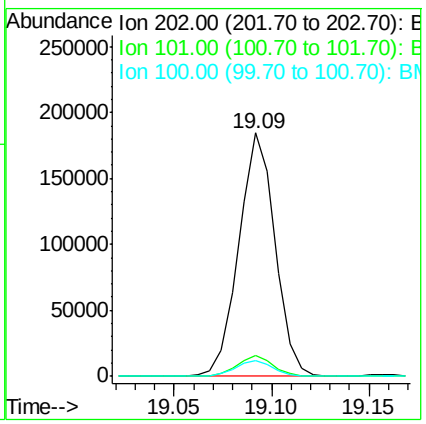


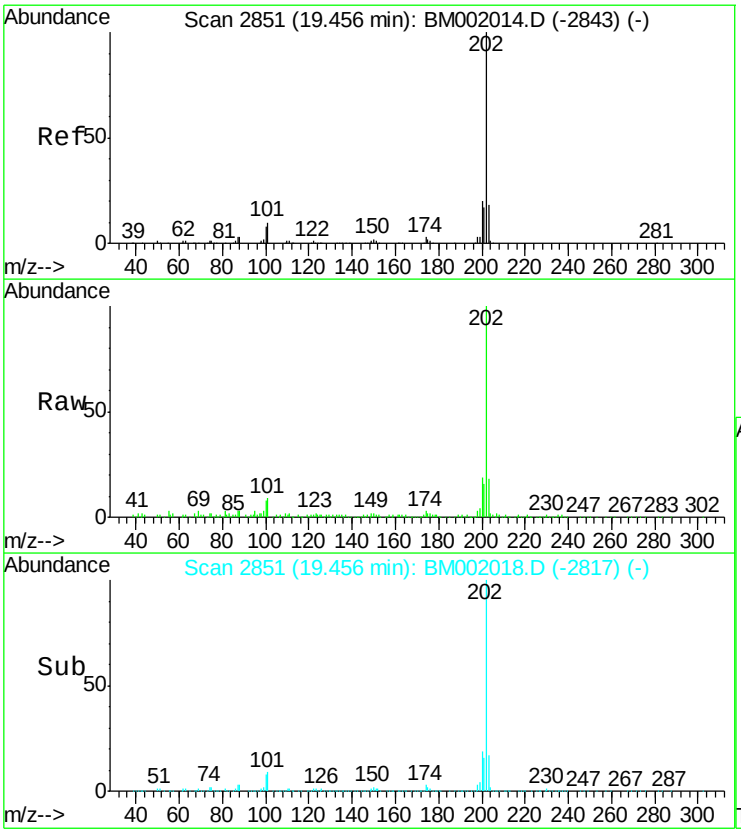
#76
Fluoranthene
Concen: 9.59 ng/ul
RT: 19.09 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion:202 Resp: 236614

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.3	9.5
100	6.5	5.0	7.4

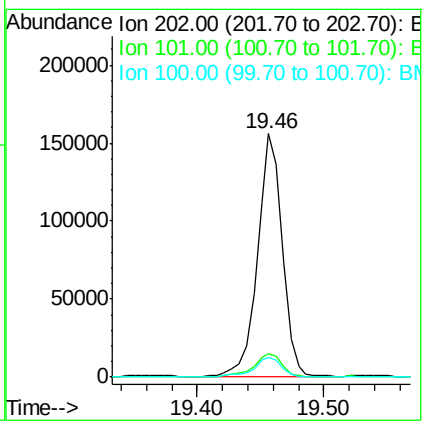


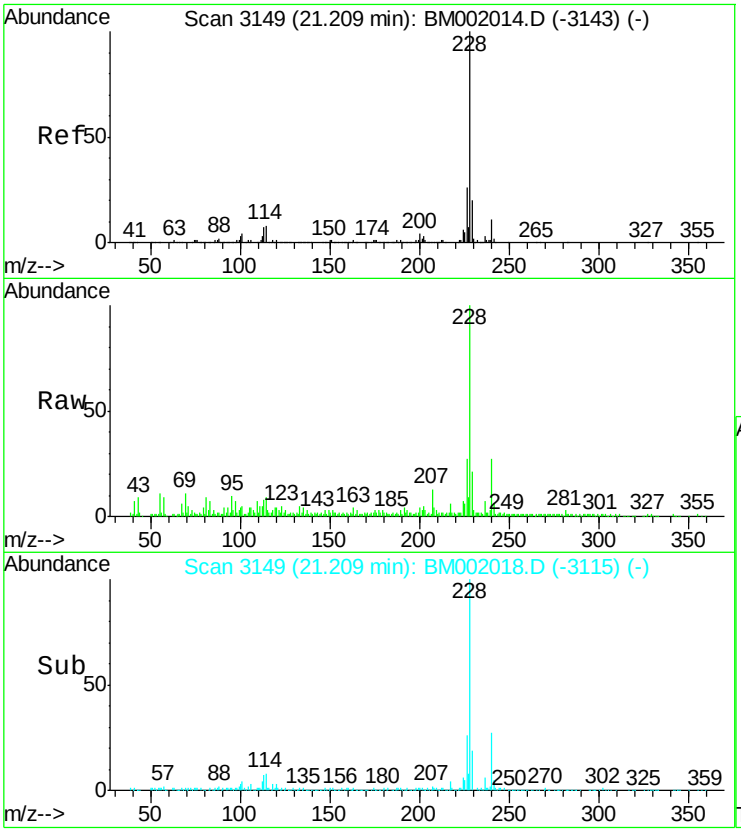


#79
Pyrene
Concen: 8.74 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion:202 Resp: 210437

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.3	10.9
100	8.1	6.2	9.4



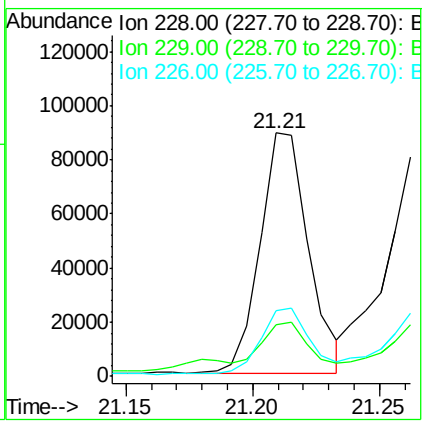


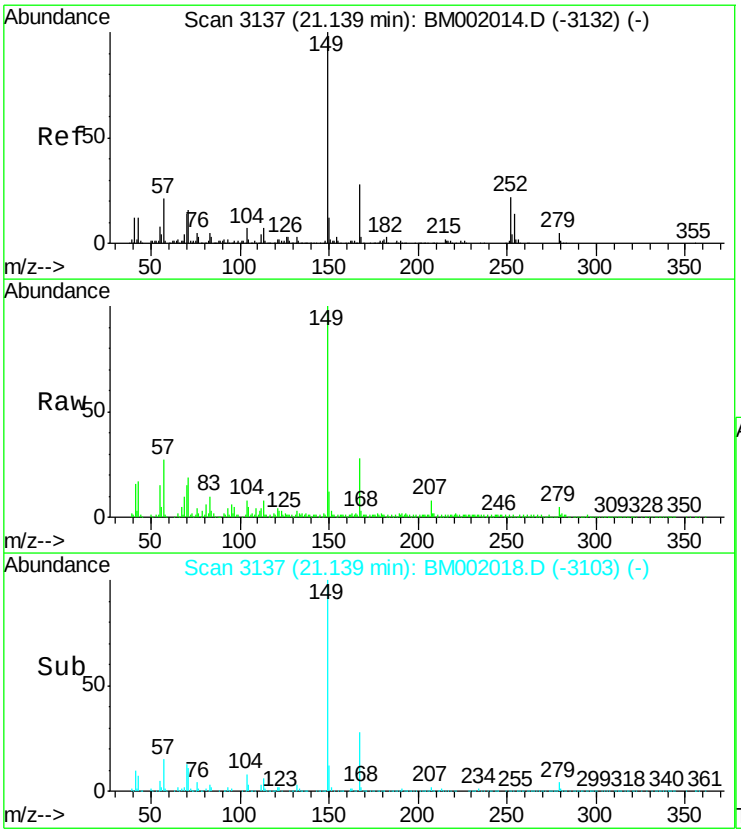
#82
Benzo(a)anthracene
Concen: 4.92 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion:228 Resp: 117879

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.2
226	27.0	20.7	31.1

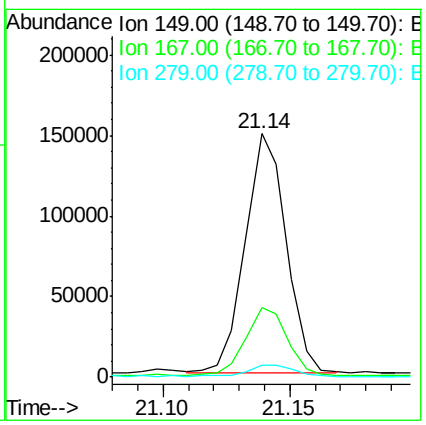


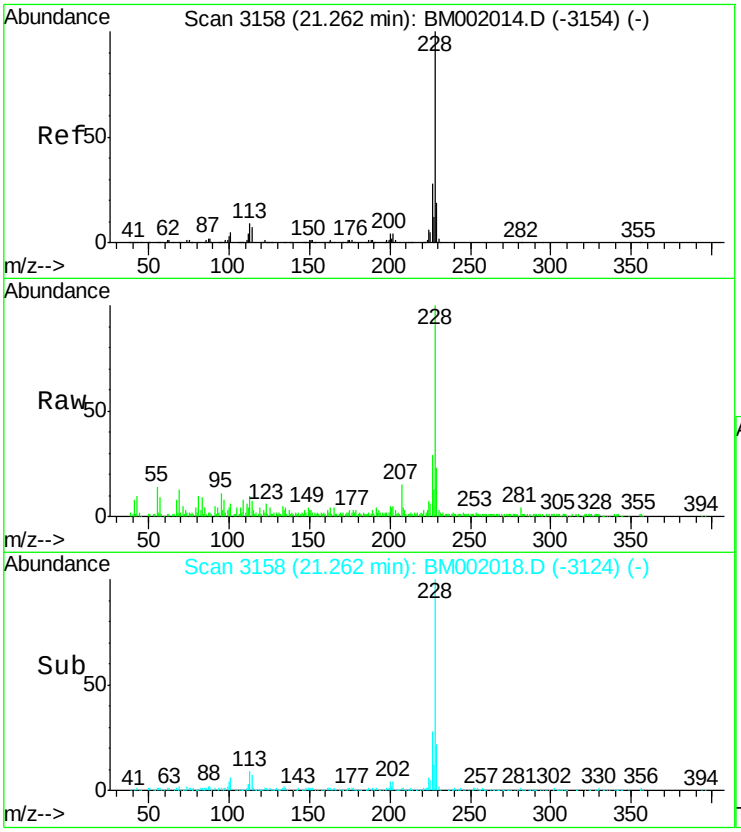


#83
Bis(2-ethylhexyl)phthalate
Concen: 12.45 ng/ul
RT: 21.14 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion:149 Resp: 166978

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.2	34.8
279	4.7	4.5	6.7



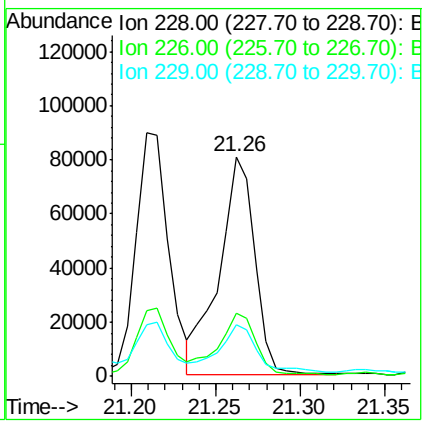


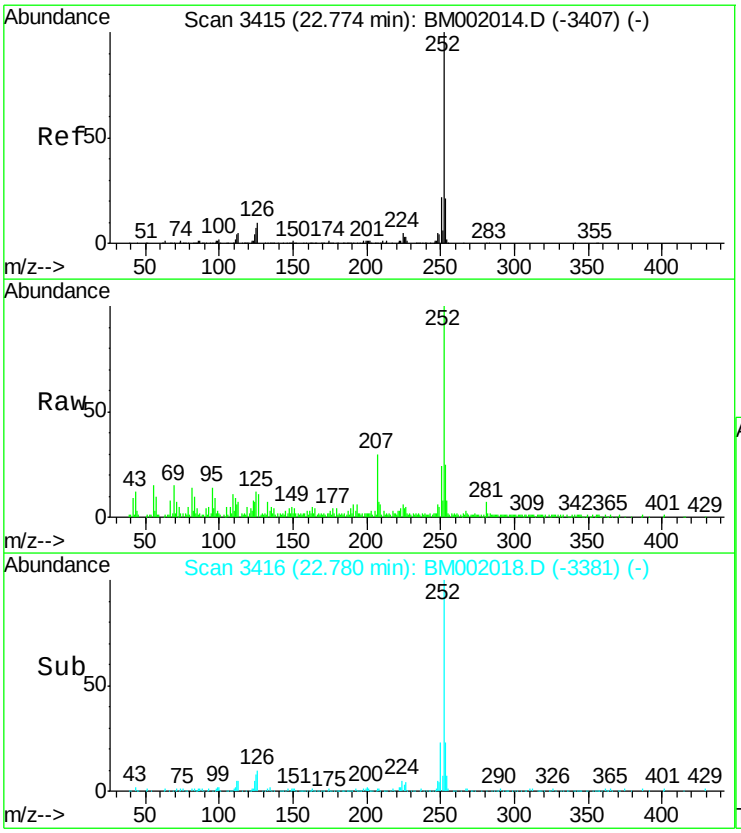
#84
Chrysene
Concen: 5.26 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion:228 Resp: 117980

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	23.3	15.6	23.4

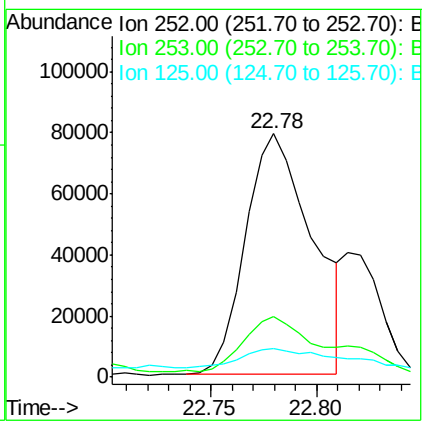


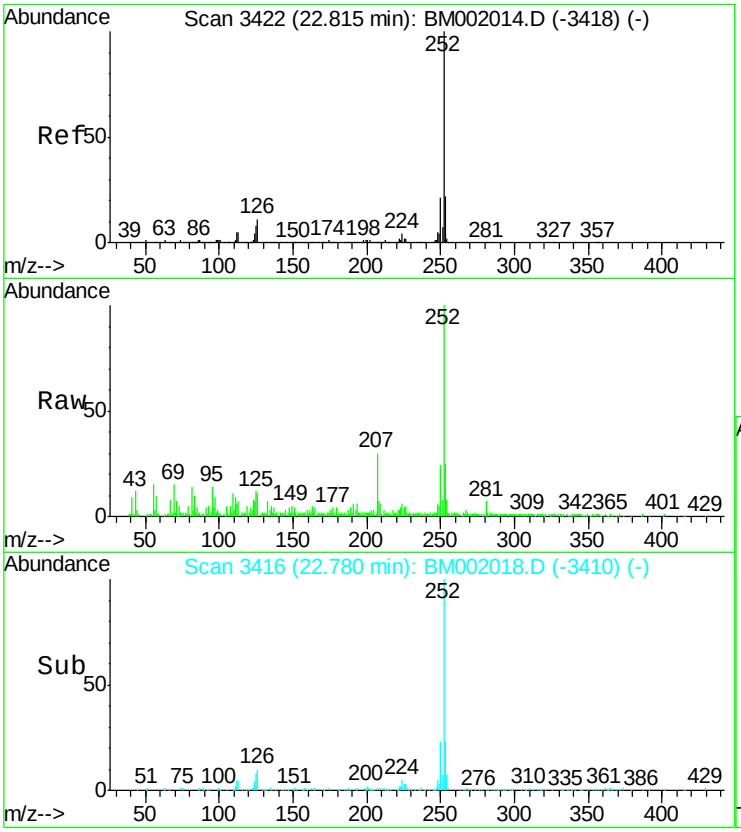


#87
Benzo(b)fluoranthene
Concen: 6.90 ng/ul
RT: 22.78 min Scan# 3416
Delta R.T. 0.01 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion:252 Resp: 173492

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	11.9	5.3	7.9#



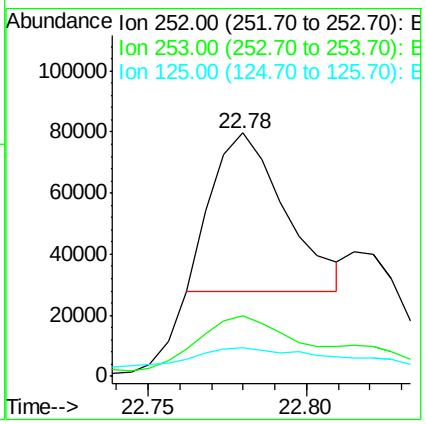


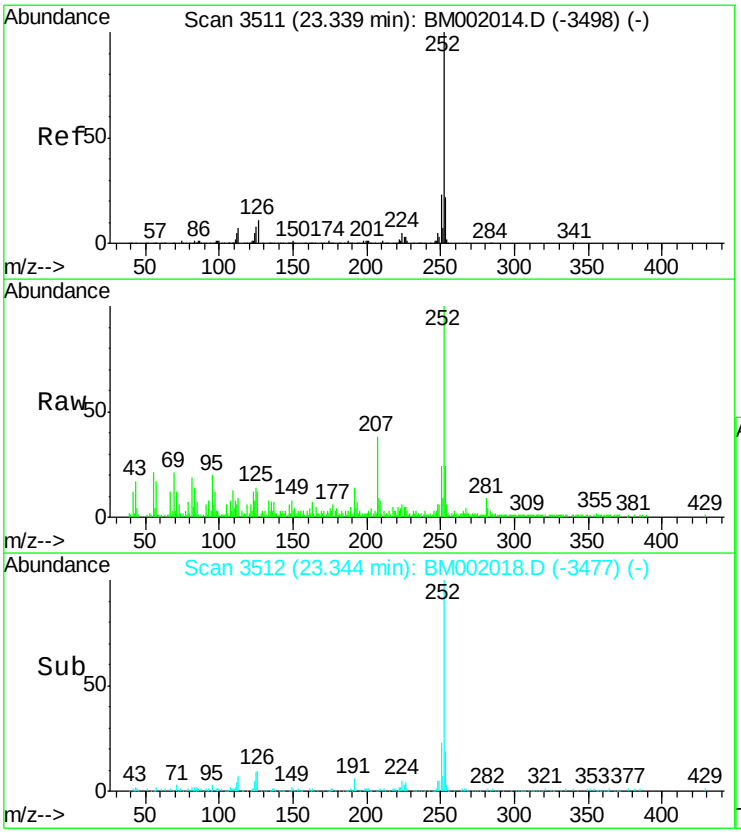
#88
Benzo(k)fluoranthene
Concen: 3.41 ng/ul
RT: 22.78 min Scan# 3416
Delta R.T. -0.04 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion:252 Resp: 82418

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	11.9	5.1	7.7#

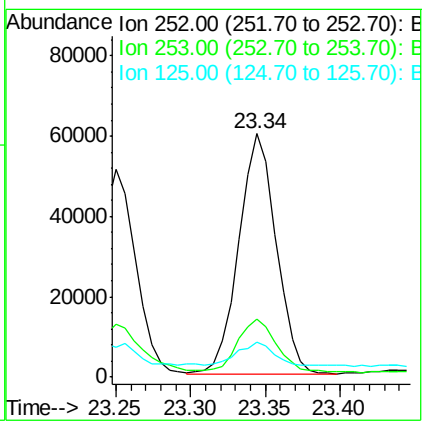


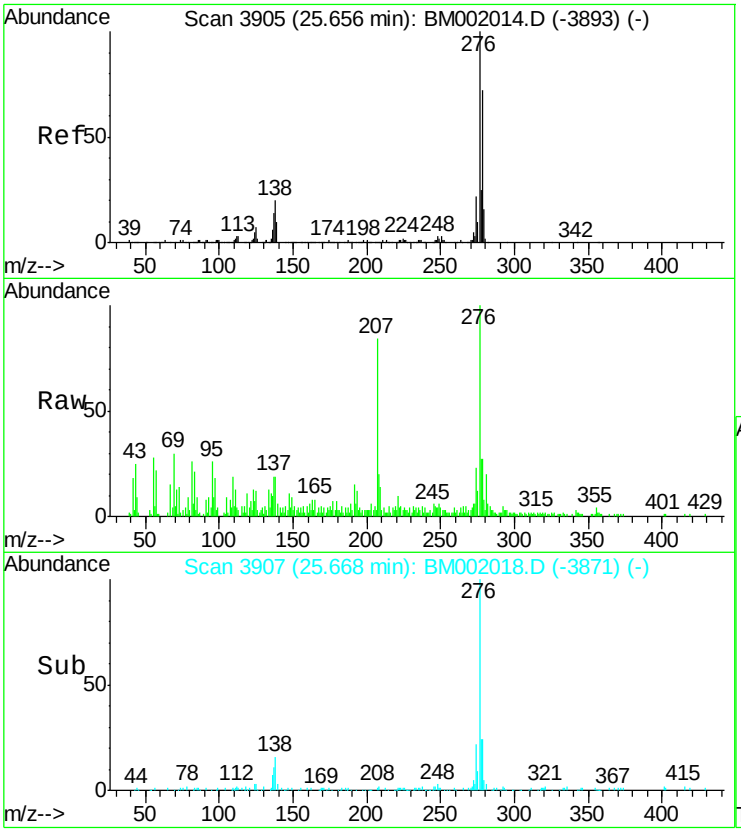


#90
Benzo(a)pyrene
Concen: 4.39 ng/ul
RT: 23.34 min Scan# 3512
Delta R.T. 0.01 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion:252 Resp: 103646

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	14.3	6.0	9.0#



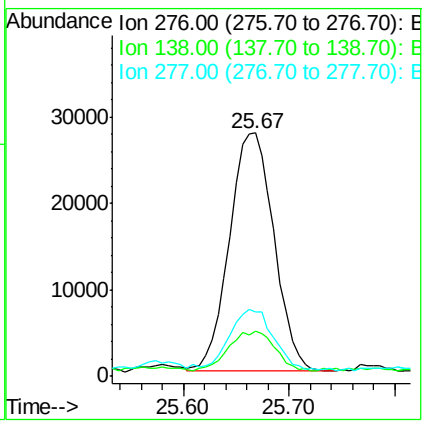


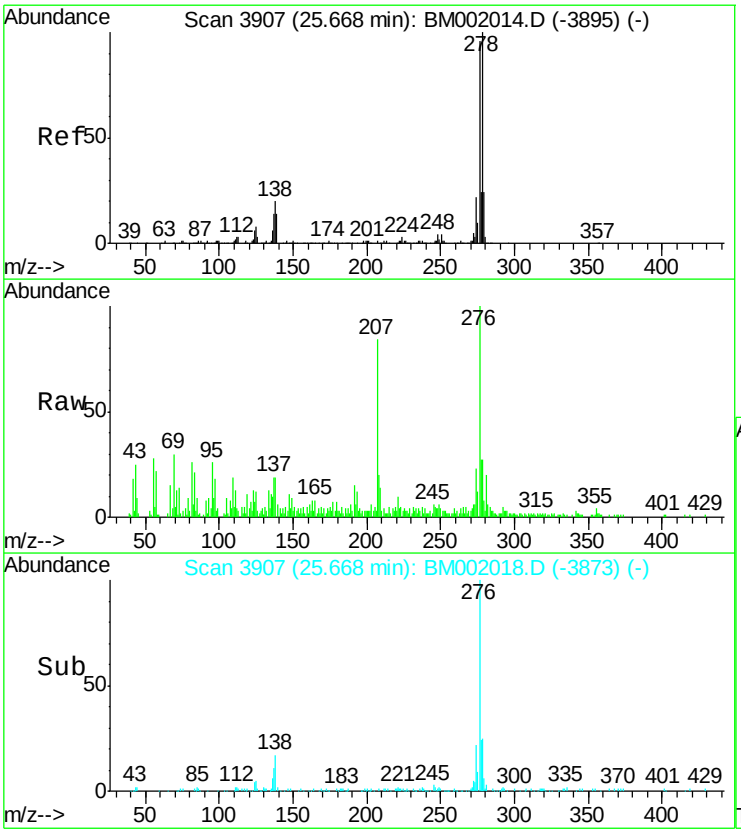
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.24 ng/ul
RT: 25.67 min Scan# 3907
Delta R.T. 0.01 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion:276 Resp: 80361

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.2	22.8
277	26.7	20.1	30.1

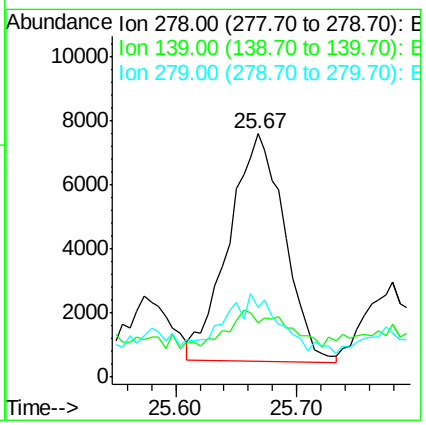


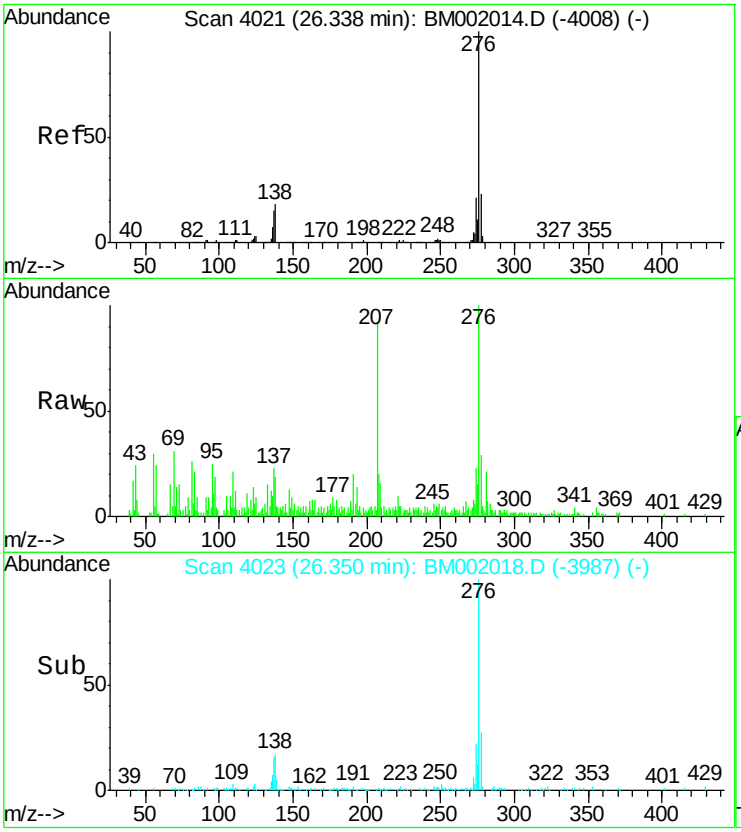


#92
Dibenzo(a,h)anthracene
Concen: 1.09 ng/ul
RT: 25.67 min Scan# 3907
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion:278 Resp: 22854

Ion	Ratio	Lower	Upper
278	100		
139	22.2	9.5	14.3#
279	28.7	18.2	27.4#





#93
Benzo(g,h,i)perylene
Concen: 3.82 ng/ul
RT: 26.35 min Scan# 4023
Delta R.T. 0.01 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion:276 Resp: 77850

Ion	Ratio	Lower	Upper
276	100		
138	19.2	12.7	19.1#
277	28.5	18.6	28.0#