Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001986.D
Acq On : 20 Jul 2015 22:34
Operator : TP/UM
Sample : G3000-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B8

Quant Time: Jul 21 01:40:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 01:37:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	108052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	453287	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	270141	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	584729	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	488496	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	433263	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	1451	0.66	ng/uL	0.00
5) Phenol-d5	6.82	99	40559	4.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	23971	4.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	33799	4.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	20171	2.78	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	16751	4.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	15900	4.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	34601	4.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	27841	3.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	107772	4.95	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	117849	4.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	10972	2.97	ng/ul	0.00
57) Fluorene-d10	15.30	176	92572	4.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	931	0.25	ng/ul	0.00
70) Anthracene-d10	17.16	188	131543	4.79	ng/ul	0.00
78) Pyrene-d10	19.46	212	125501	5.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	81927	3.74	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.47	105	12627	1.10	ng/ul	93
44) Dimethylphthalate	13.77	163	87546	3.95	ng/ul	99
69) Phenanthrene	17.10	178	34847	1.10	ng/ul#	94
71) Anthracene	17.10	178	35053	1.07	ng/ul	95
76) Fluoranthene	19.12	202	165690	4.47	ng/ul	100
79) Pyrene	19.49	202	134628	4.61	ng/ul#	96
82) Benzo(a)anthracene	21.24	228	40619	1.40	ng/ul#	90
83) Bis(2-ethylhexyl)phthalate	21.17	149	20453	1.26	ng/ul#	93
84) Chrysene	21.29	228	58742	2.16	ng/ul#	95
87) Benzo(b)fluoranthene	22.81	252	66466	2.50	ng/ul#	79
88) Benzo(k)fluoranthene	22.81	252	39248	1.54	ng/ul#	78
90) Benzo(a)pyrene	23.38	252	30000	1.20	ng/ul#	86

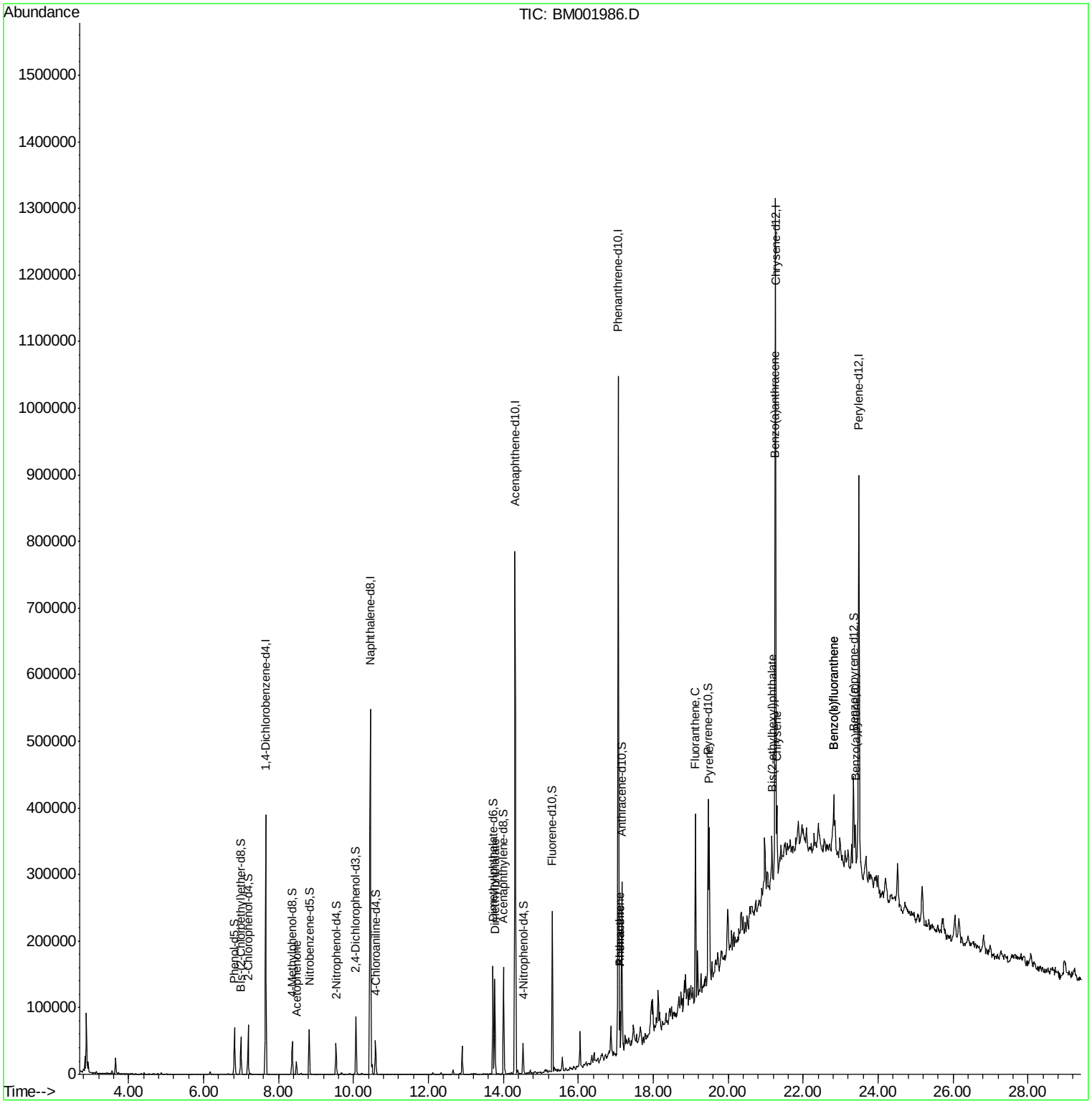
(#) = qualifier out of range (m) = manual integration (+) = signals summed

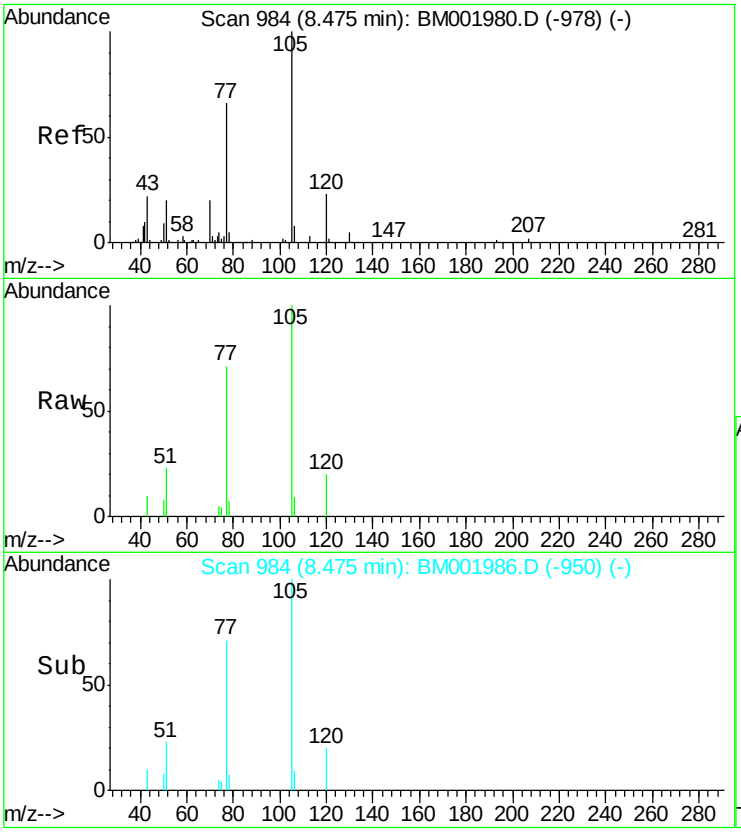
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001986.D
Acq On : 20 Jul 2015 22:34
Operator : TP/UM
Sample : G3000-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02B8

Quant Time: Jul 21 01:40:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 01:37:44 2015
Response via : Initial Calibration



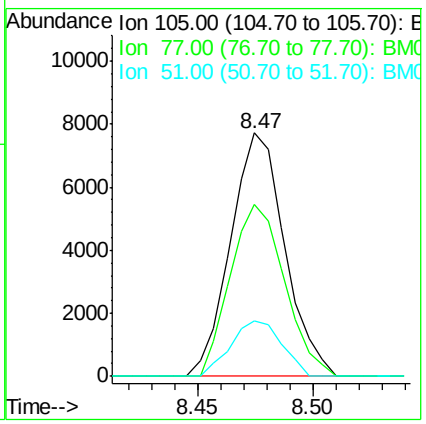


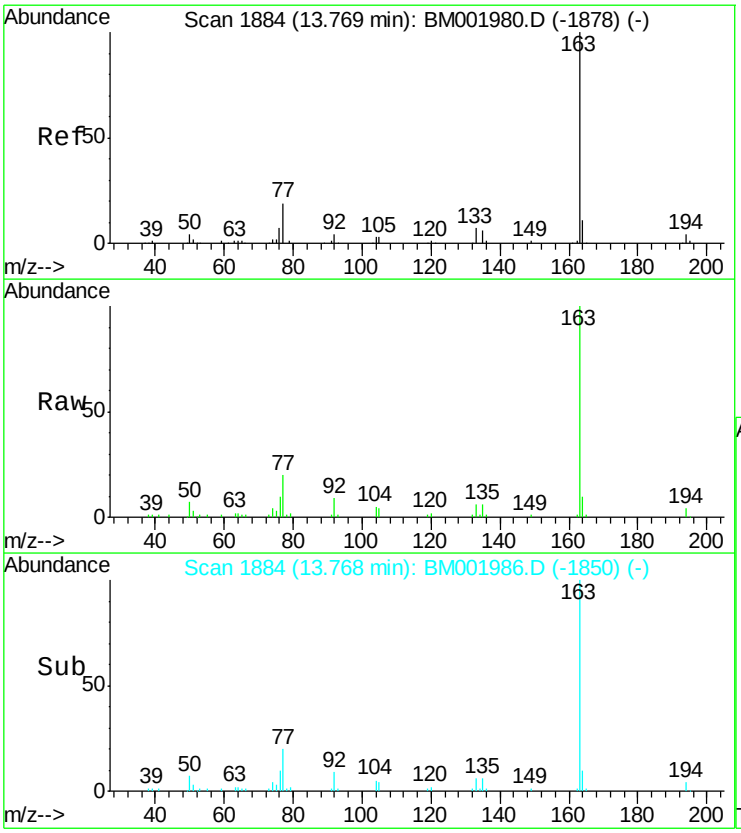
#14
Acetophenone
Concen: 1.10 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Instrument :
BNA_M
ClientSampleId :
C02B8

Tgt Ion:105 Resp: 12627

Ion	Ratio	Lower	Upper
105	100		
77	70.7	61.7	92.5
51	22.8	20.2	30.4

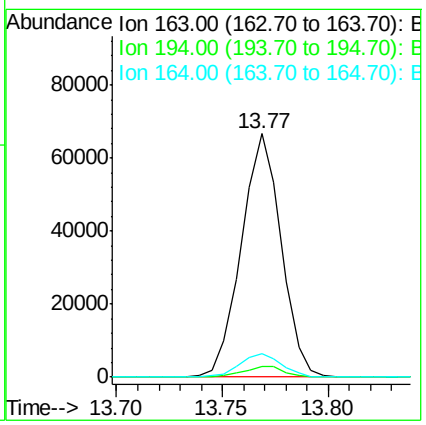


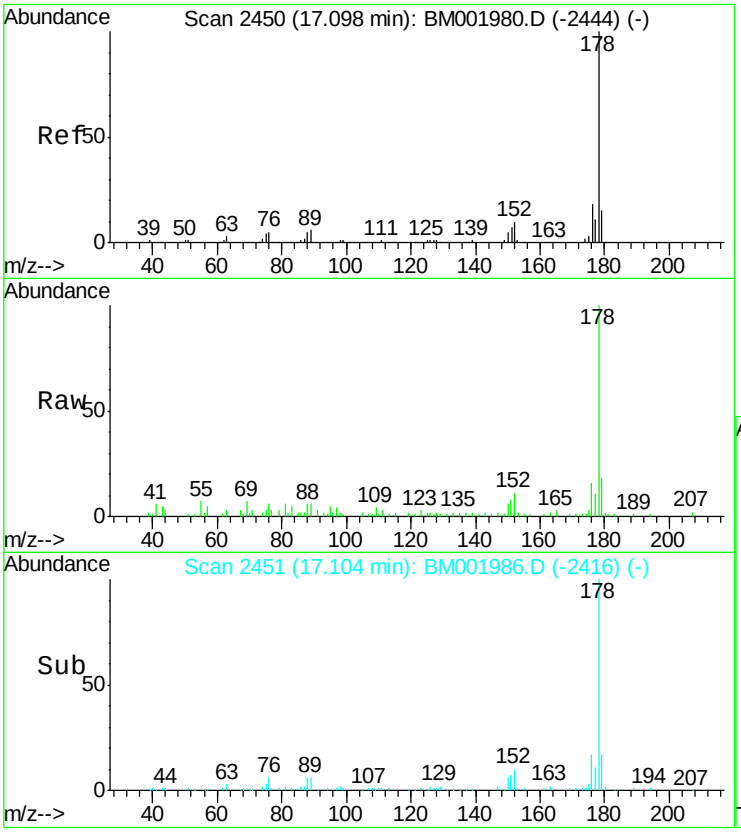


#44
Dimethylphthalate
Concen: 3.95 ng/ul
RT: 13.77 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Tgt Ion:163 Resp: 87546

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.7	7.6	11.4



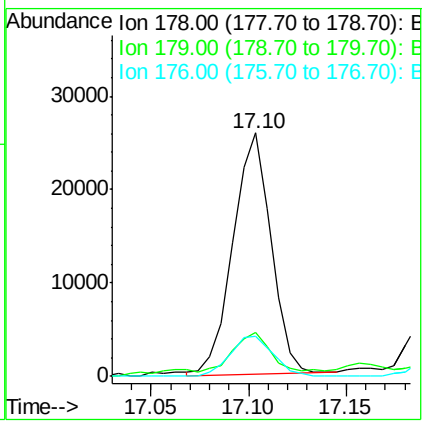


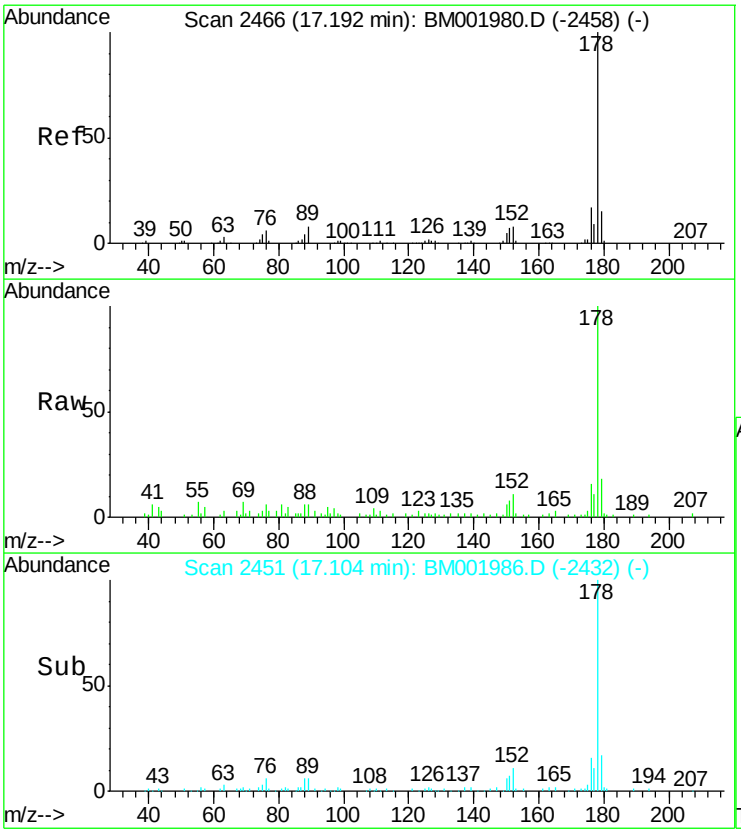
#69
Phenanthrene
Concen: 1.10 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Instrument :
BNA_M
ClientSampleId :
C02B8

Tgt Ion:178 Resp: 34847

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.2	18.2#
176	16.3	14.5	21.7

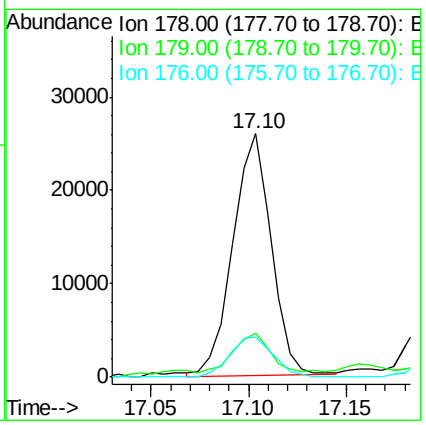


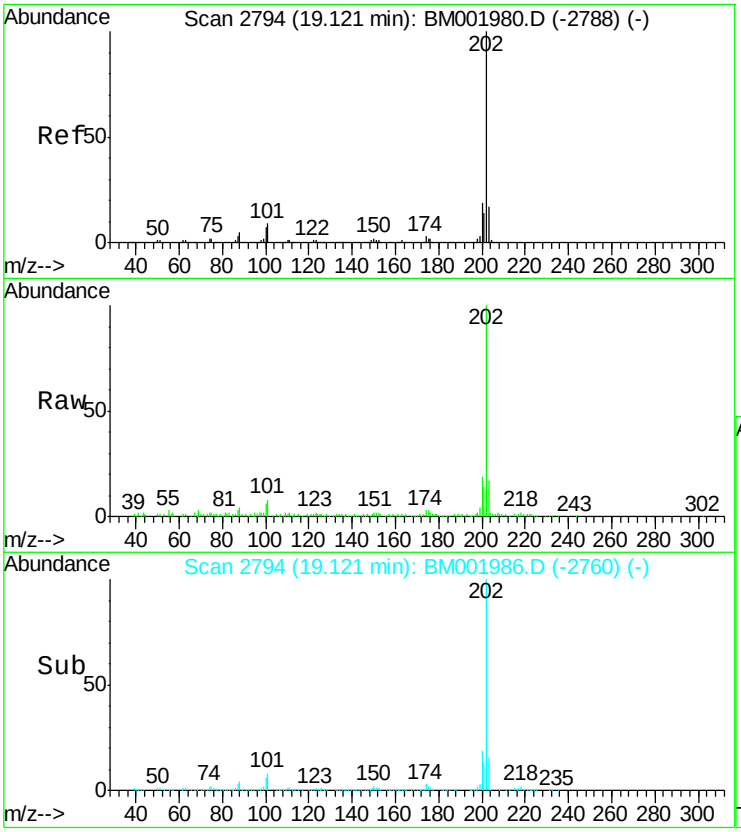


#71
Anthracene
Concen: 1.07 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. -0.09 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Tgt Ion:178 Resp: 35053

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.4	18.6
176	16.3	14.2	21.4



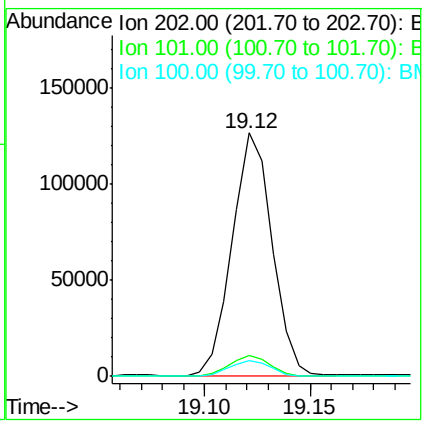


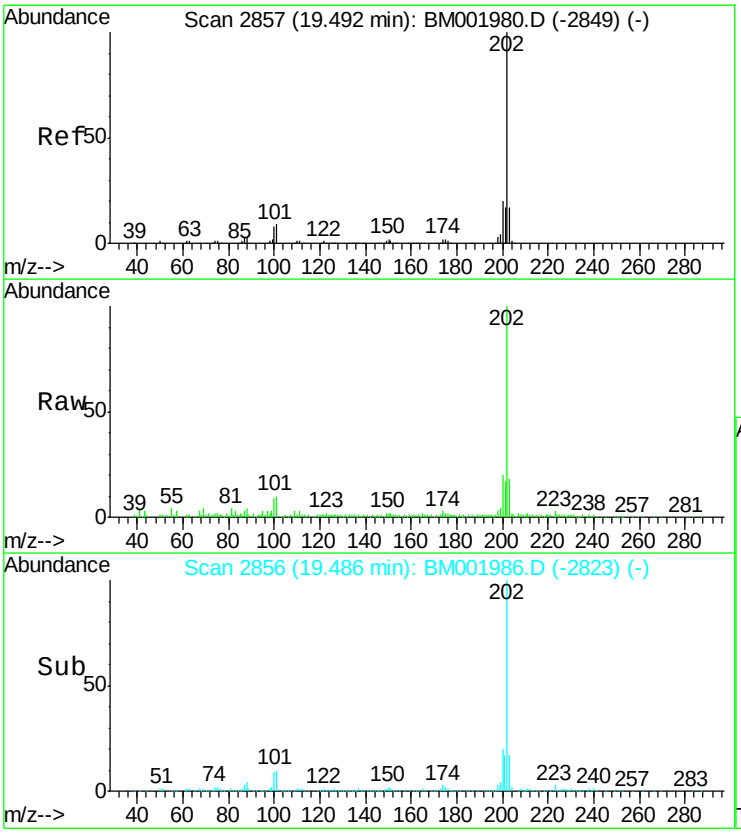
#76
Fluoranthene
Concen: 4.47 ng/ul
RT: 19.12 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Instrument :
BNA_M
ClientSampleId :
C02B8

Tgt Ion:202 Resp: 165690

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.6	9.8
100	6.4	5.2	7.8

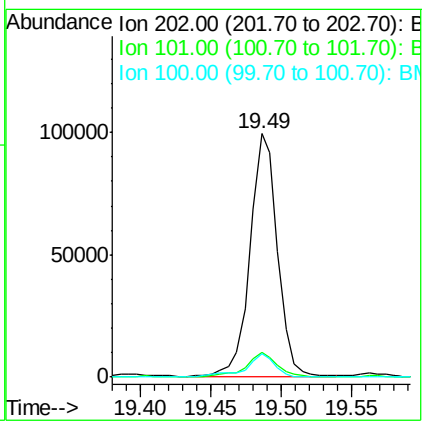


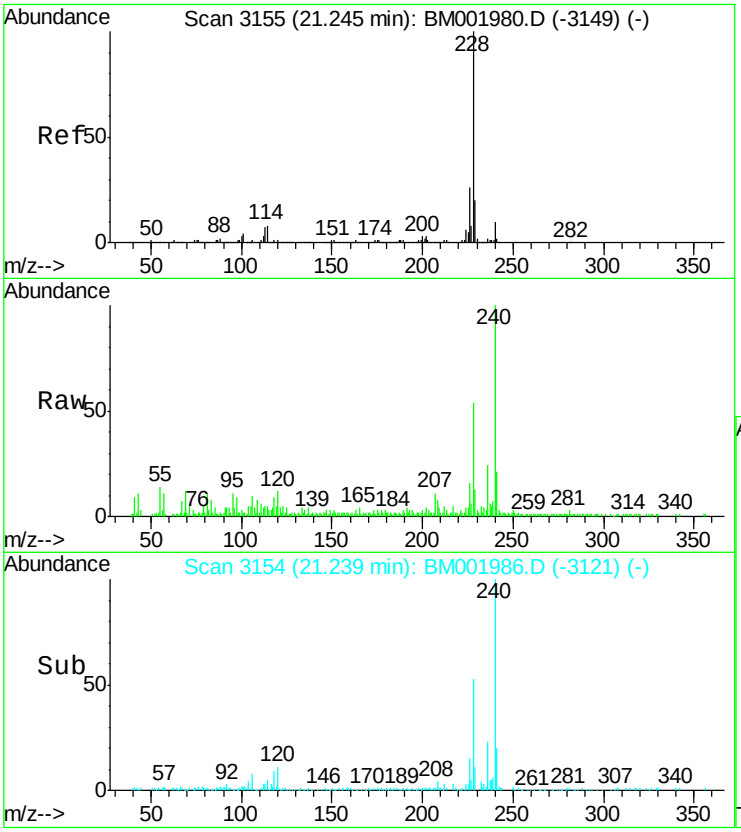


#79
Pyrene
Concen: 4.61 ng/ul
RT: 19.49 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Tgt Ion:202 Resp: 134628

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.4	11.0
100	9.4	5.9	8.9#



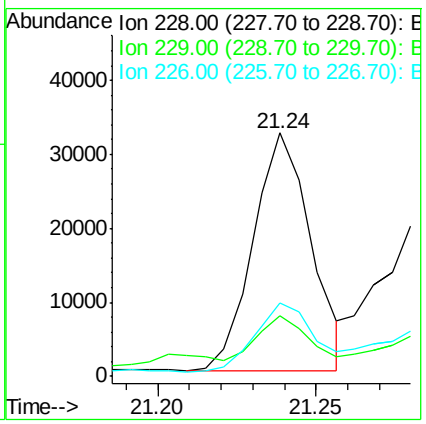


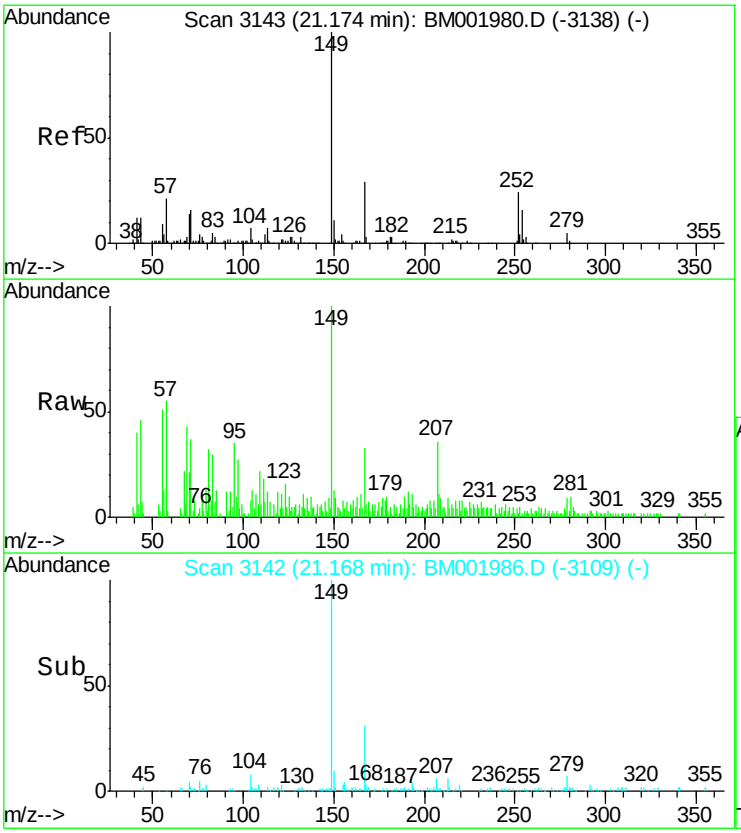
#82
Benzo(a)anthracene
Concen: 1.40 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Instrument :
BNA_M
ClientSampleId :
C02B8

Tgt Ion:228 Resp: 40619

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.2	22.8#
226	30.4	20.8	31.2

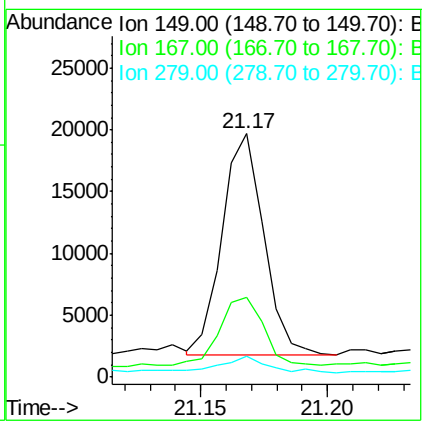


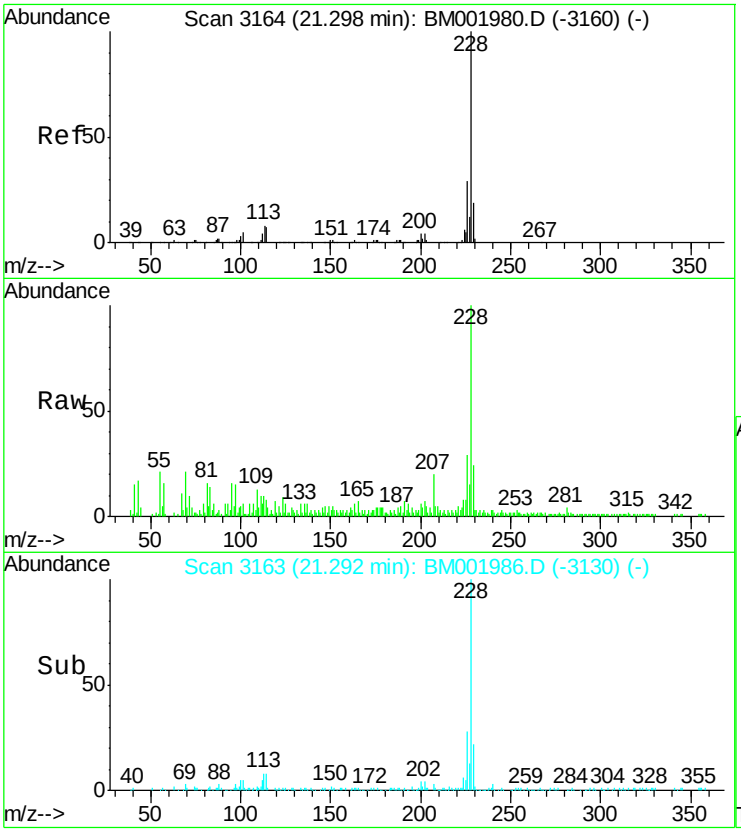


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.26 ng/ul
RT: 21.17 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Tgt Ion:149 Resp: 20453

Ion	Ratio	Lower	Upper
149	100		
167	32.8	23.4	35.0
279	8.7	4.0	6.0#



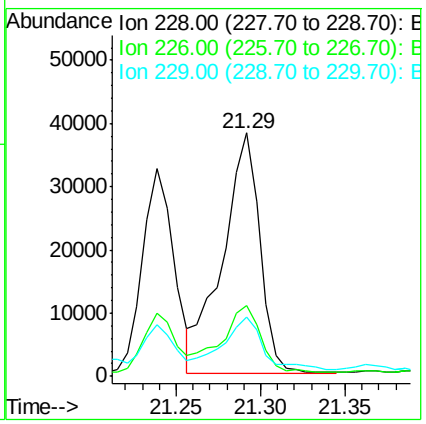


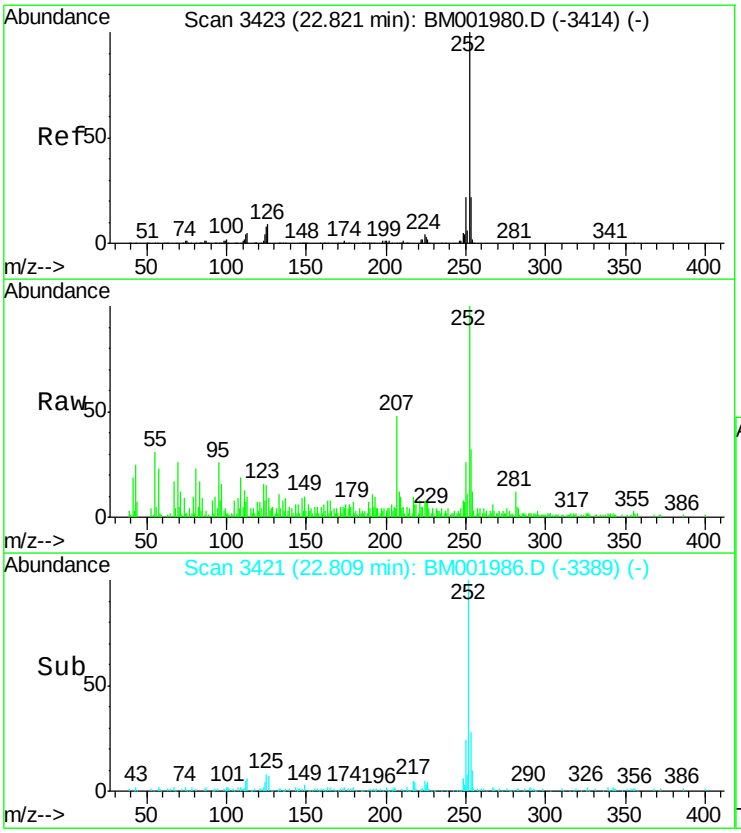
#84
Chrysene
Concen: 2.16 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Instrument :
BNA_M
ClientSampleId :
C02B8

Tgt Ion:228 Resp: 58742

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	24.2	15.4	23.0#

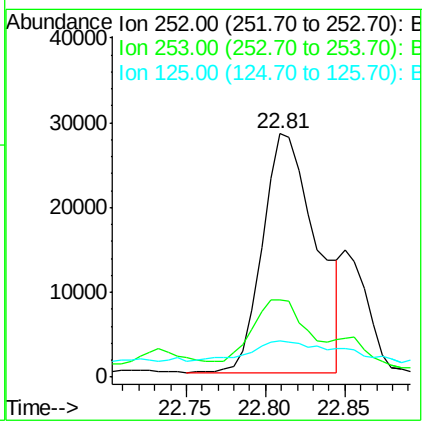


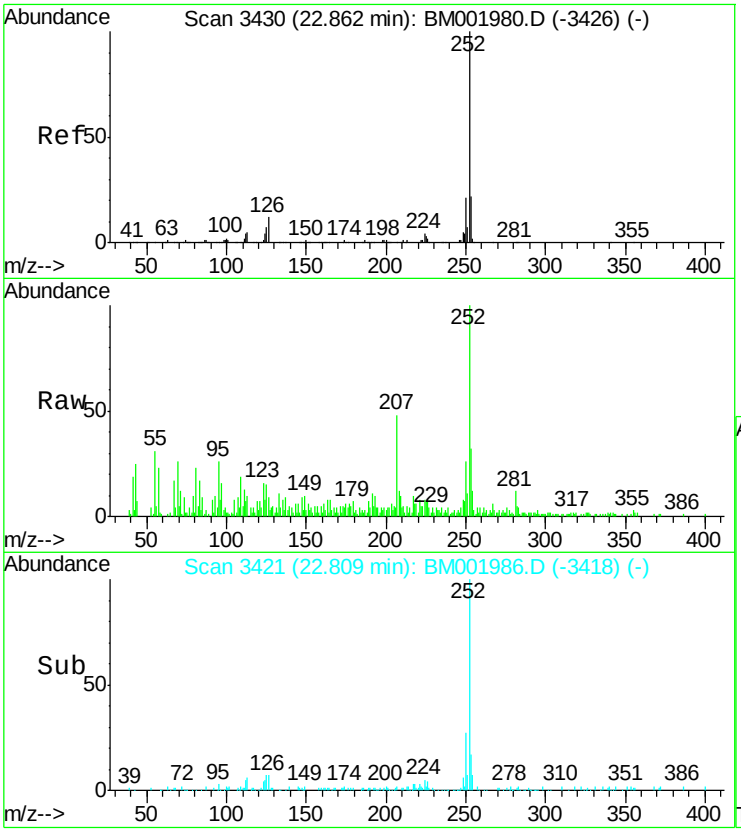


#87
Benzo(b)fluoranthene
Concen: 2.50 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Tgt Ion:252 Resp: 66466

Ion	Ratio	Lower	Upper
252	100		
253	31.8	17.6	26.4#
125	15.1	6.1	9.1#



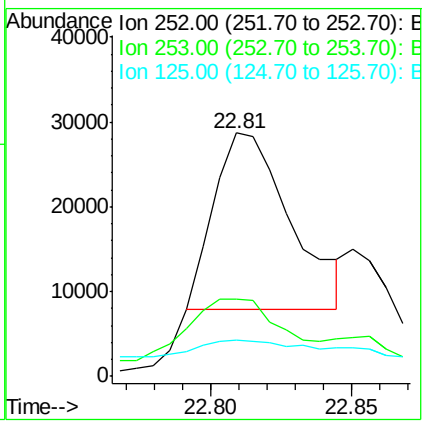


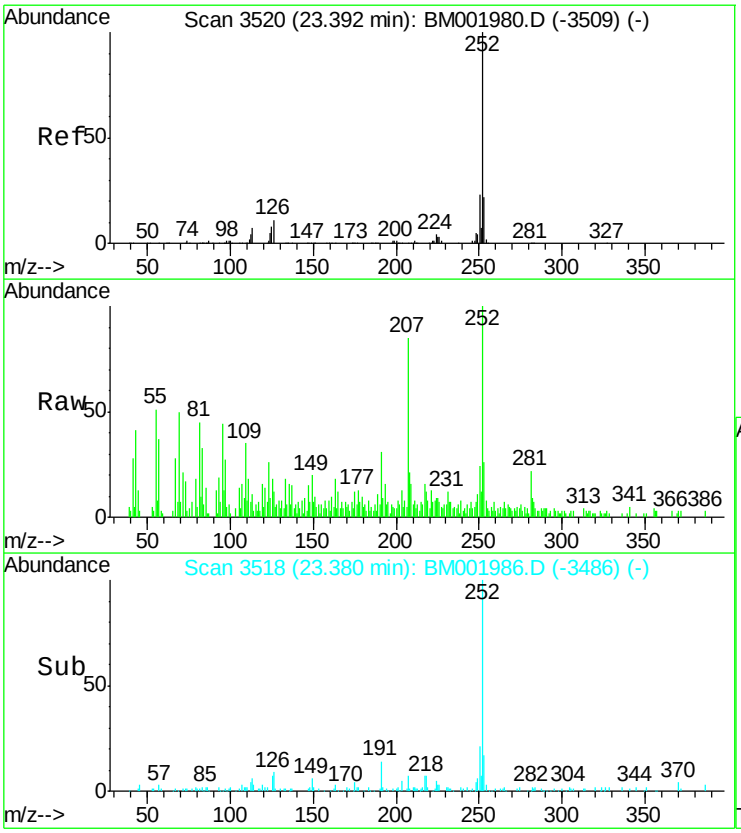
#88
Benzo(k)fluoranthene
Concen: 1.54 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.05 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Instrument :
BNA_M
ClientSampleId :
C02B8

Tgt Ion:252 Resp: 39248

Ion	Ratio	Lower	Upper
252	100		
253	31.8	17.1	25.7#
125	15.1	5.6	8.4#





#90
Benzo(a)pyrene
Concen: 1.20 ng/ul
RT: 23.38 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Tgt Ion:252 Resp: 30000

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.2#
125	17.8	6.4	9.6#