Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001961.D
Acq On : 17 Jul 2015 00:09
Operator : TP/UM
Sample : G2998-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G6

Quant Time: Jul 17 03:04:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 01:40:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	82858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	357650	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	223788	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	509717	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	583627	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	471608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3818	2.25	ng/uL	0.00
5) Phenol-d5	6.82	99	83029	12.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	47850	12.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	68190	12.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	69505	12.51	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	33729	12.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	36767	12.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	73147	12.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	35494	5.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	221707	12.28	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	235714	10.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	31064	10.16	ng/ul	0.00
57) Fluorene-d10	15.30	176	162755	10.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	16542	5.01	ng/ul	0.00
70) Anthracene-d10	17.15	188	230189	9.62	ng/ul	0.00
78) Pyrene-d10	19.46	212	248068	9.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	174461	7.32	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	13951	7.81	ng/uL#	1
4) Benzaldehyde	6.80	77	7224	2.21	ng/ul	90
6) Phenol	6.85	94	21612	3.09	ng/ul	97
14) Acetophenone	8.47	105	102872	11.72	ng/ul	99
44) Dimethylphthalate	13.76	163	99290	5.41	ng/ul	98
69) Phenanthrene	17.10	178	68867	2.49	ng/ul	98
76) Fluoranthene	19.12	202	148011	4.59	ng/ul	99
79) Pyrene	19.49	202	132075	3.78	ng/ul	98
82) Benzo(a)anthracene	21.29	228	88385	2.54	ng/ul	94
84) Chrysene	21.29	228	91570	2.81	ng/ul	97
87) Benzo(b)fluoranthene	22.80	252	103259	3.57	ng/ul	95
88) Benzo(k)fluoranthene	22.80	252	52922	1.90	ng/ul	94
90) Benzo(a)pyrene	23.37	252	55430	2.04	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	37625	1.32	ng/ul#	94

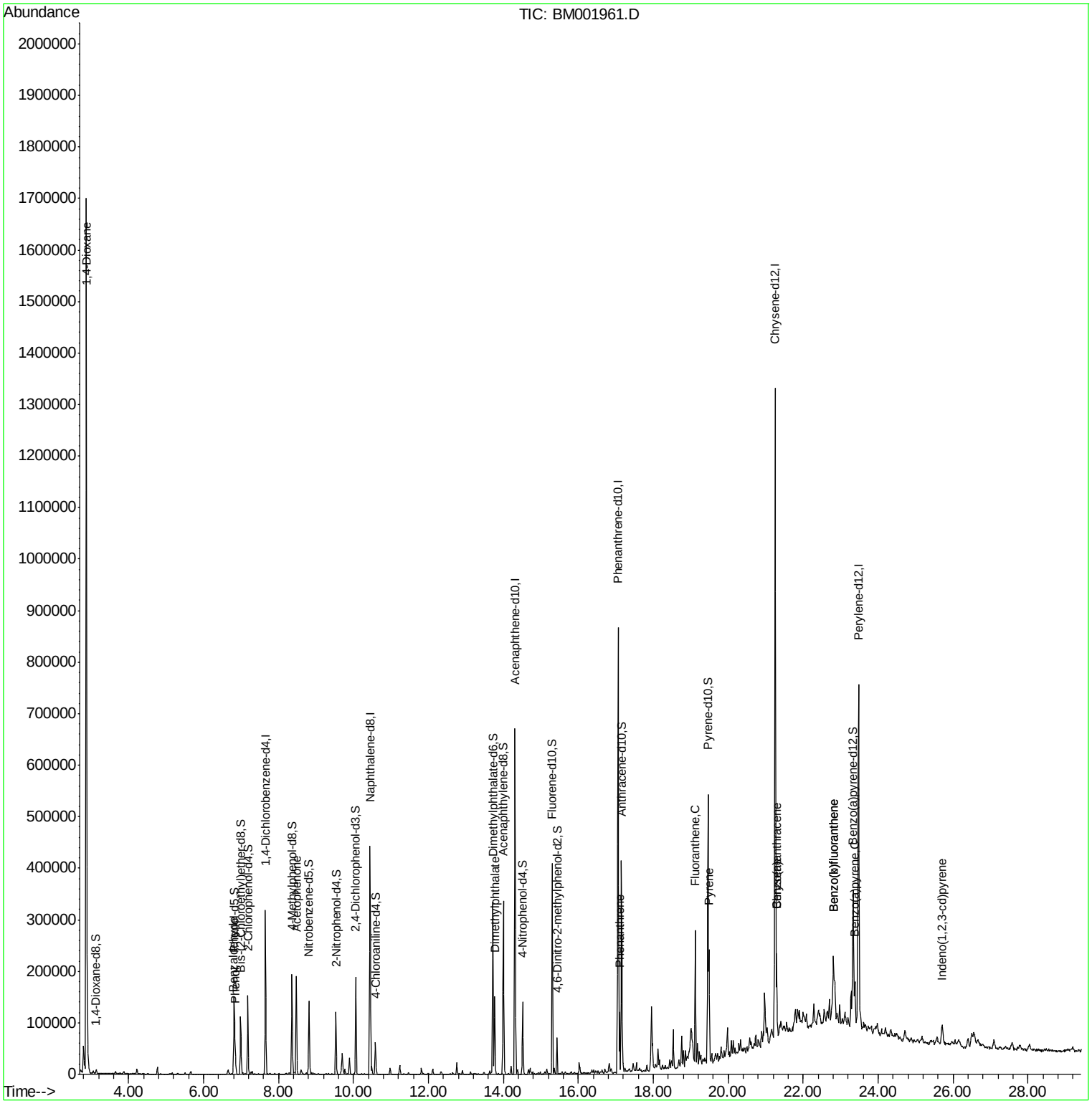
(#) = qualifier out of range (m) = manual integration (+) = signals summed

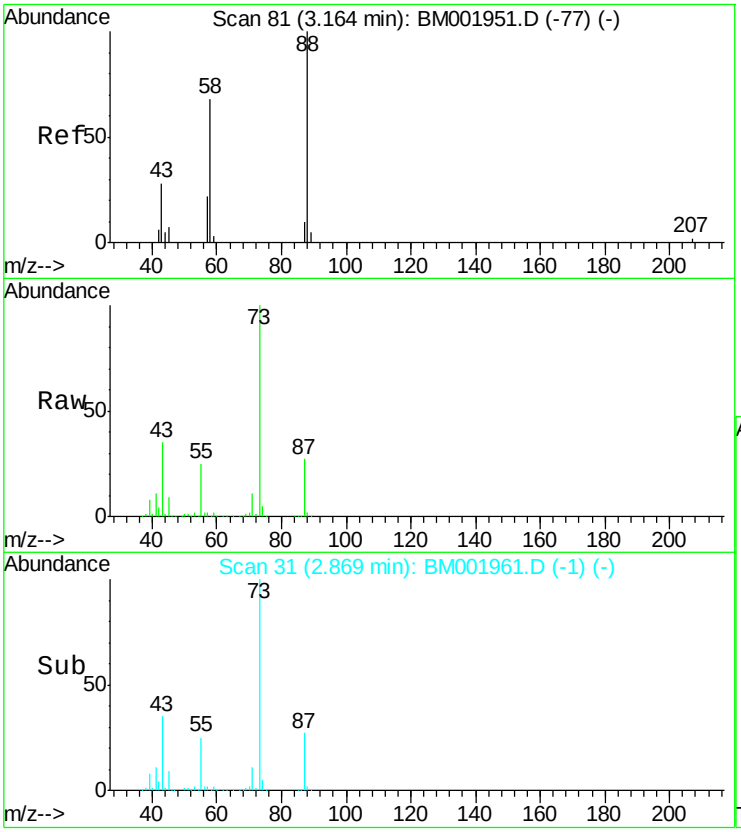
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001961.D
Acq On : 17 Jul 2015 00:09
Operator : TP/UM
Sample : G2998-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01G6

Quant Time: Jul 17 03:04:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 01:40:19 2015
Response via : Initial Calibration



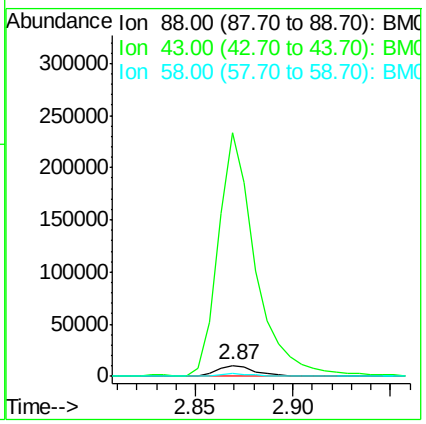


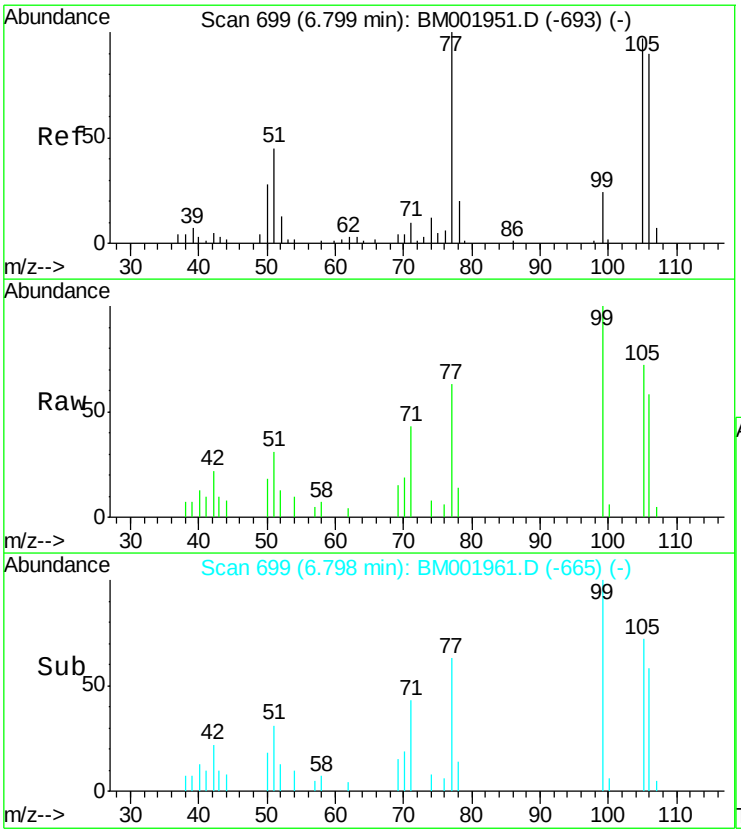
#2
1,4-Dioxane
Concen: 7.81 ng/uL
RT: 2.87 min Scan# 31
Delta R.T. -0.29 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Instrument :
BNA_M
ClientSampleId :
C01G6

Tgt Ion: 88 Resp: 13951

Ion	Ratio	Lower	Upper
88	100		
43	2225.6	22.1	33.1#
58	25.8	54.9	82.3#

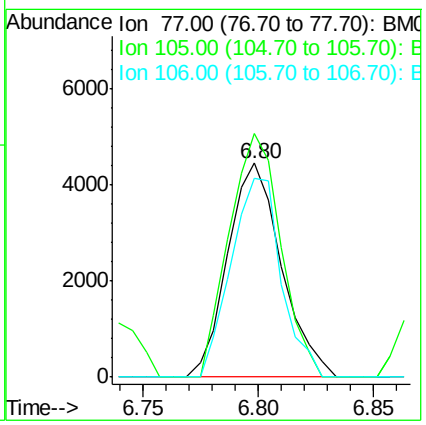


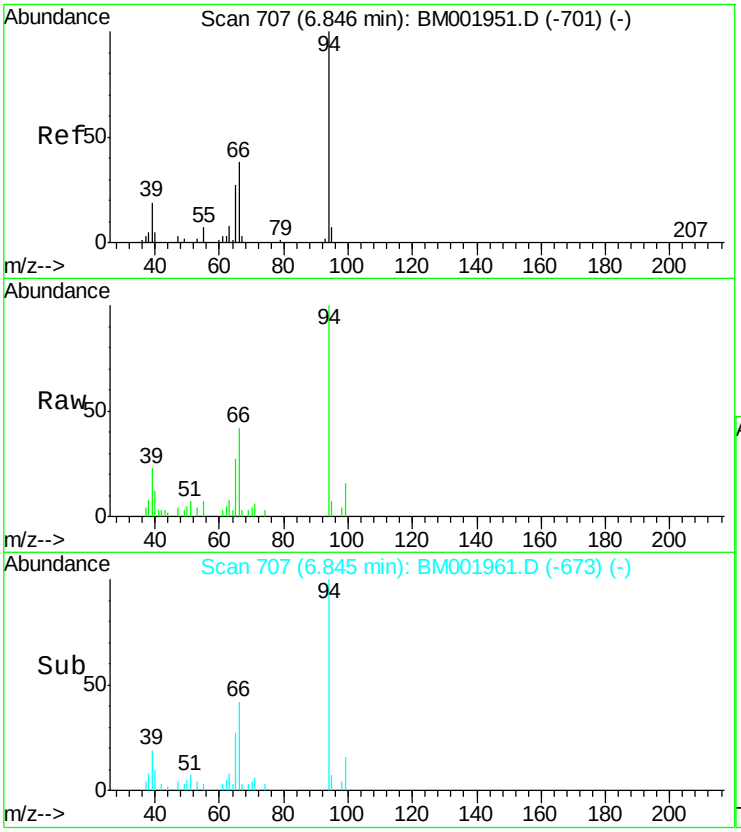


#4
Benzaldehyde
Concen: 2.21 ng/ul
RT: 6.80 min Scan# 699
Delta R.T. -0.00 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Tgt Ion: 77 Resp: 7224

Ion	Ratio	Lower	Upper
77	100		
105	113.9	77.1	115.7
106	92.9	73.1	109.7



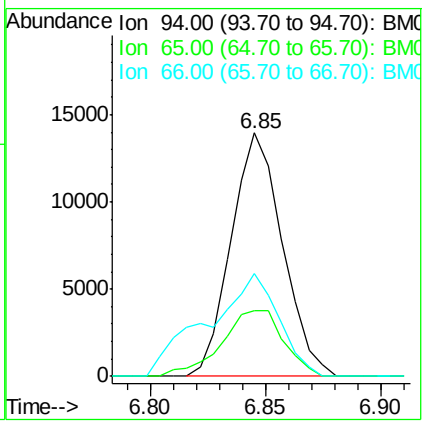


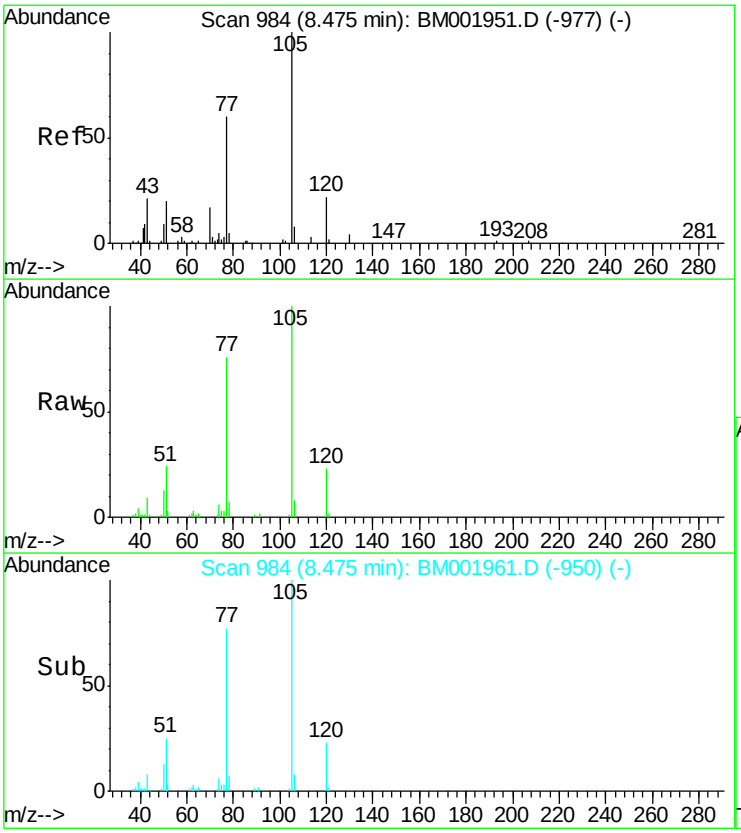
#6
Phenol
Concen: 3.09 ng/ul
RT: 6.85 min Scan# 707
Delta R.T. -0.00 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Instrument :
BNA_M
ClientSampleId :
C01G6

Tgt Ion: 94 Resp: 21612

Ion	Ratio	Lower	Upper
94	100		
65	27.0	23.6	35.4
66	42.4	33.0	49.6

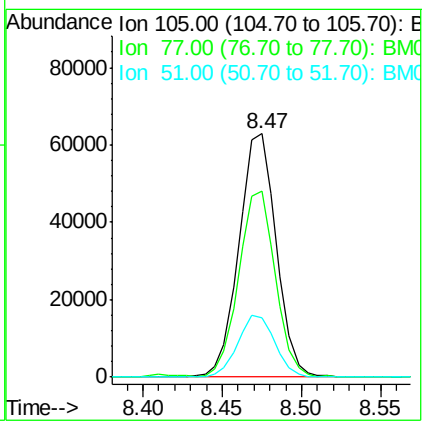


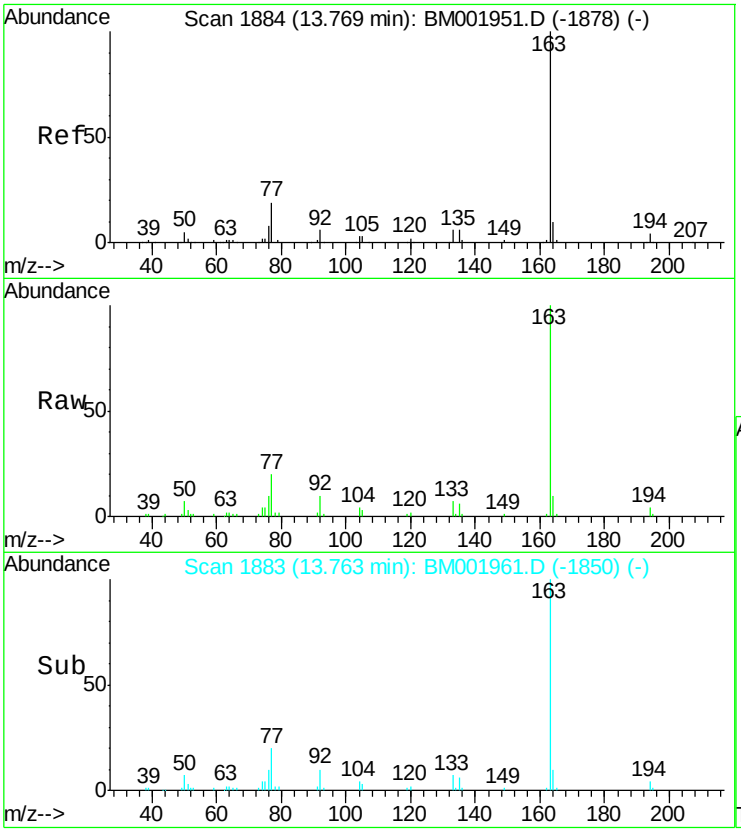


#14
Acetophenone
Concen: 11.72 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Tgt Ion:105 Resp: 102872

Ion	Ratio	Lower	Upper
105	100		
77	76.4	61.7	92.5
51	24.4	20.2	30.4



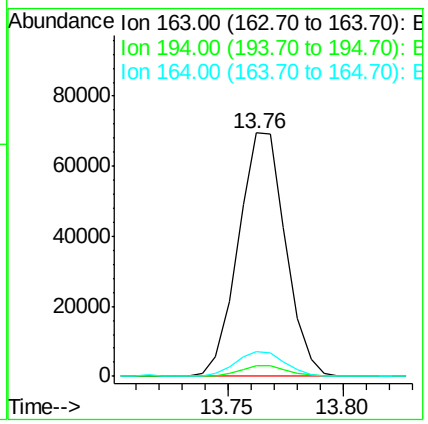


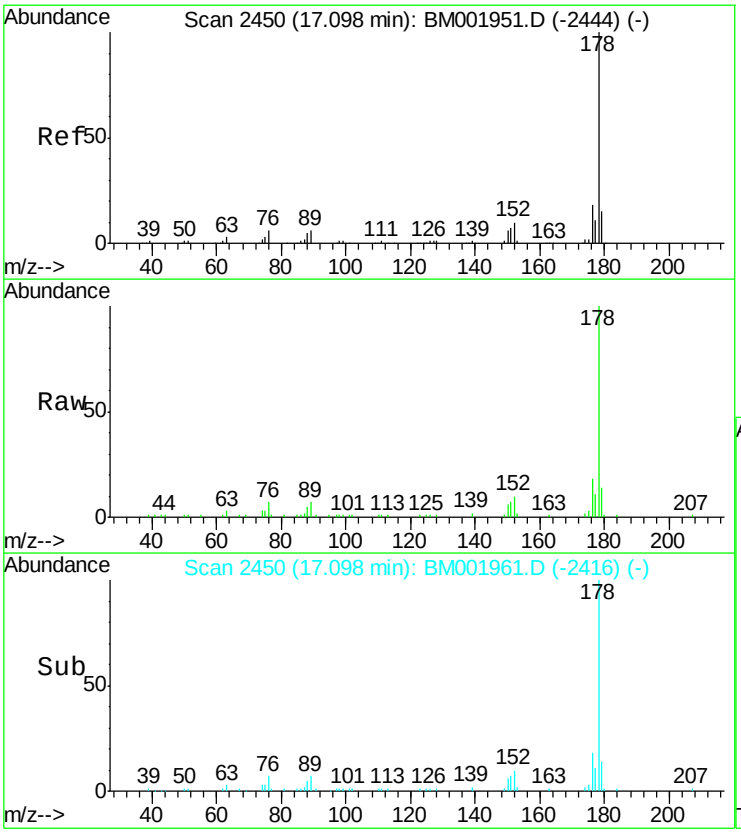
#44
Dimethylphthalate
Concen: 5.41 ng/ul
RT: 13.76 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Instrument :
BNA_M
ClientSampleId :
C01G6

Tgt Ion:163 Resp: 99290

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.2	7.6	11.4

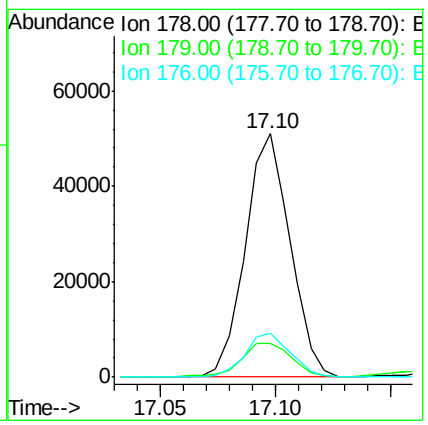


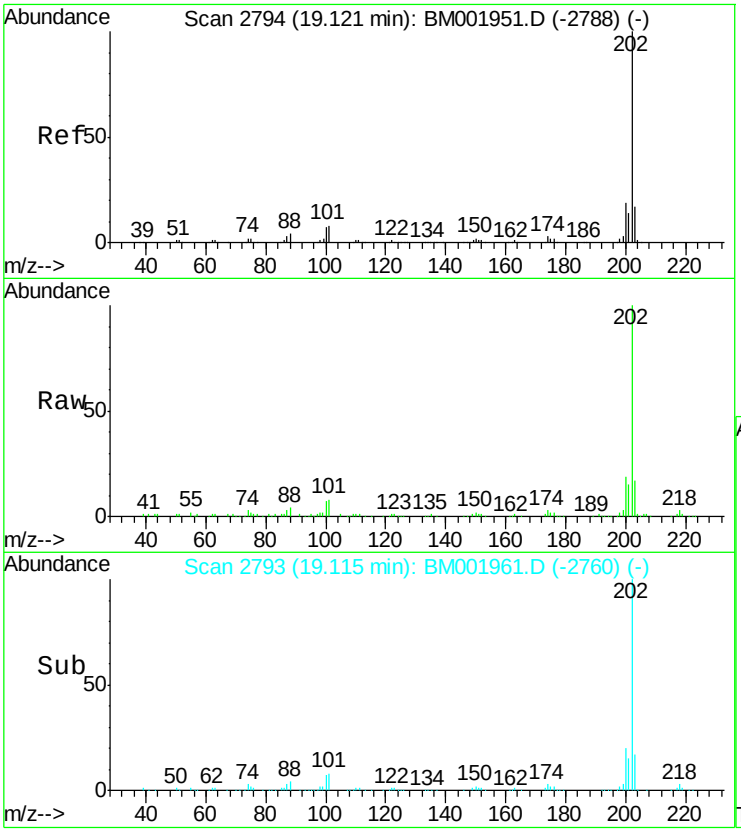


#69
Phenanthrene
Concen: 2.49 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Tgt Ion:178 Resp: 68867

Ion	Ratio	Lower	Upper
178	100		
179	13.6	12.2	18.2
176	18.2	14.5	21.7



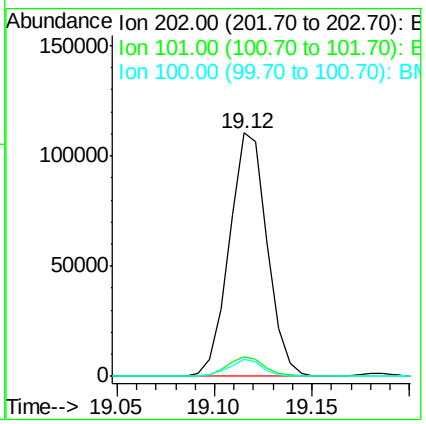


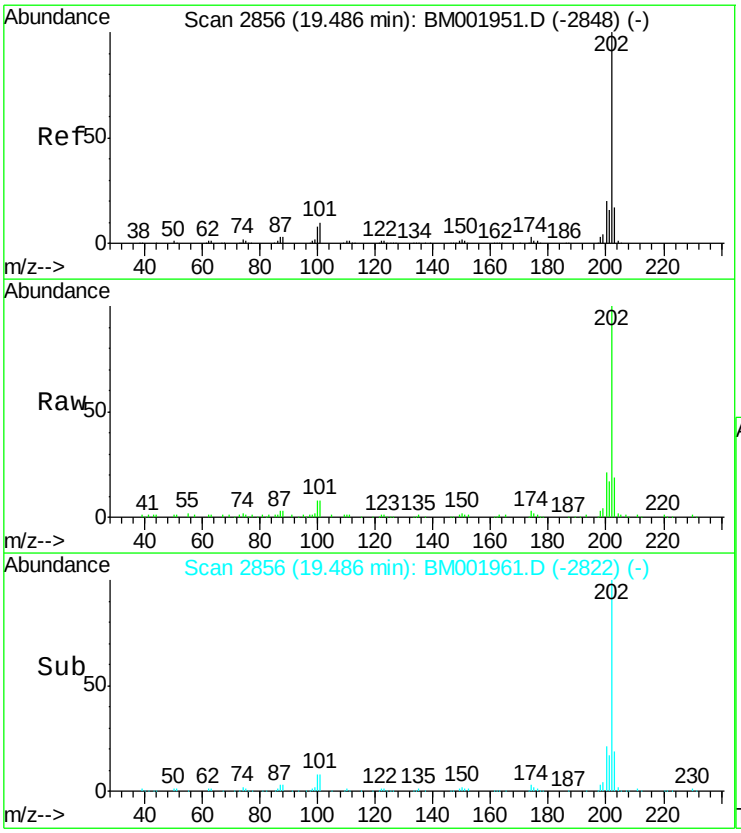
#76
Fluoranthene
Concen: 4.59 ng/ul
RT: 19.12 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Instrument :
BNA_M
ClientSampleId :
C01G6

Tgt Ion:202 Resp: 148011

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	9.8
100	7.2	5.2	7.8

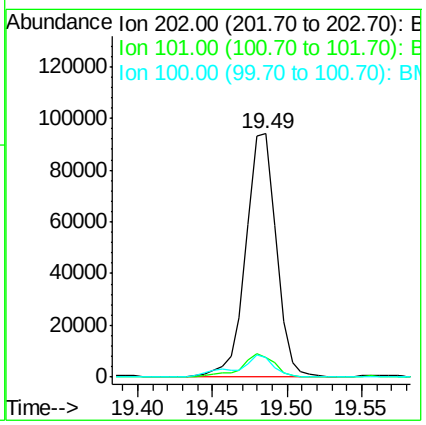


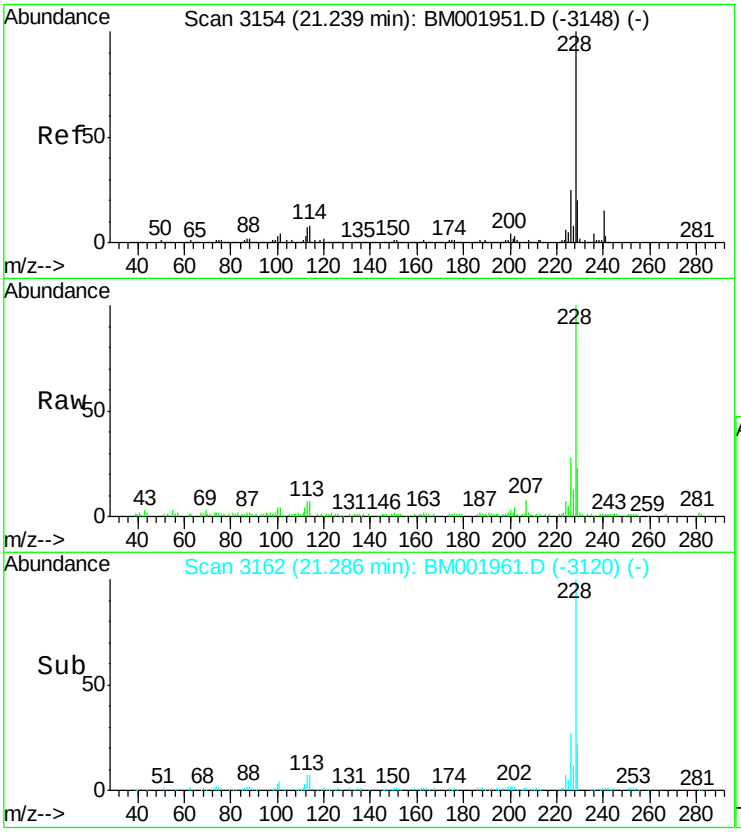


#79
Pyrene
Concen: 3.78 ng/ul
RT: 19.49 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Tgt Ion:202 Resp: 132075

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.4	11.0
100	7.9	5.9	8.9



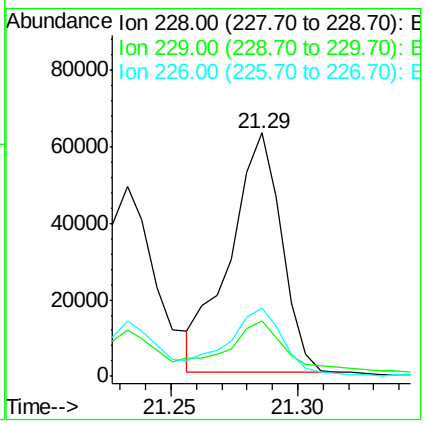


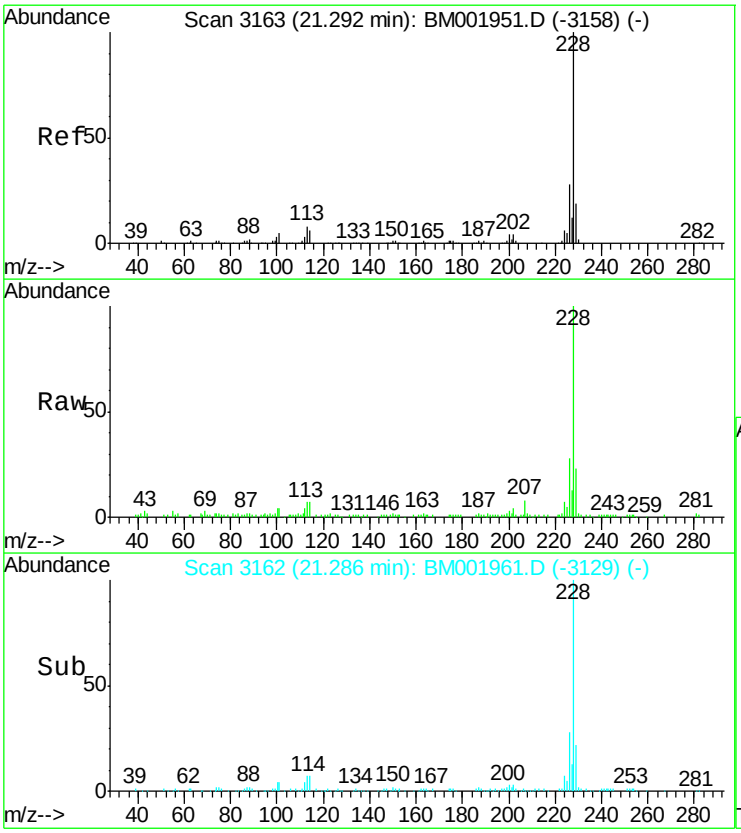
#82
Benzo(a)anthracene
Concen: 2.54 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. 0.05 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Instrument :
BNA_M
ClientSampleId :
C01G6

Tgt Ion:228 Resp: 88385

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.2	22.8
226	28.3	20.8	31.2

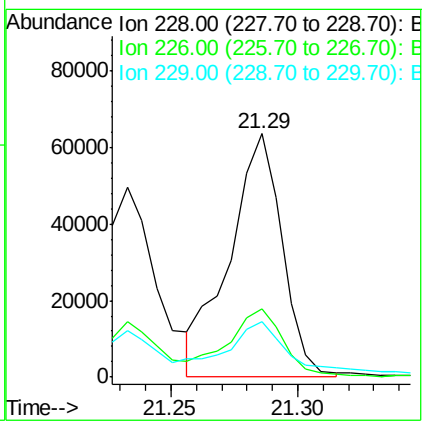


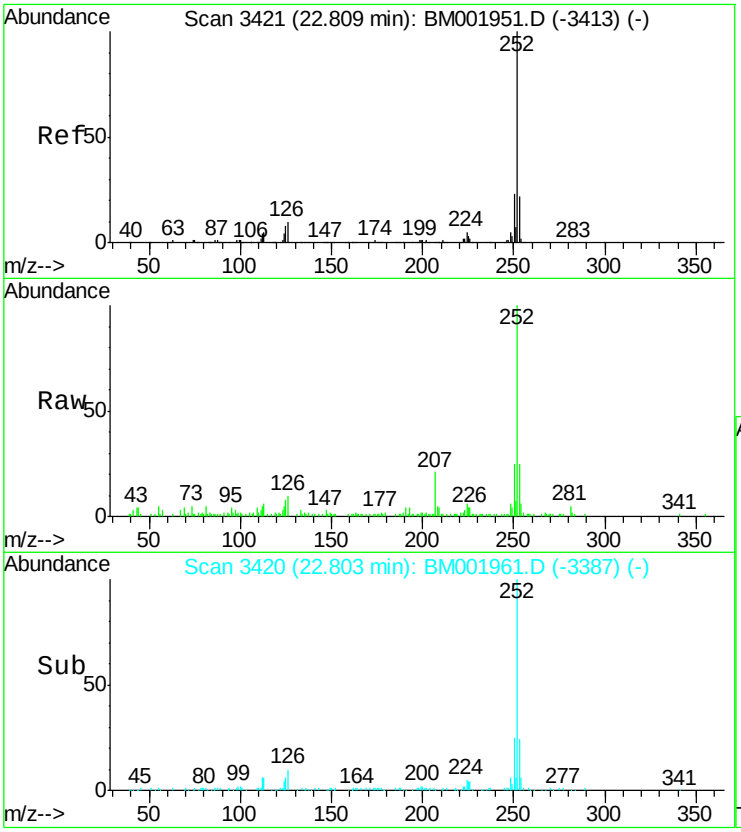


#84
Chrysene
Concen: 2.81 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Tgt Ion:228 Resp: 91570

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	22.7	15.4	23.0



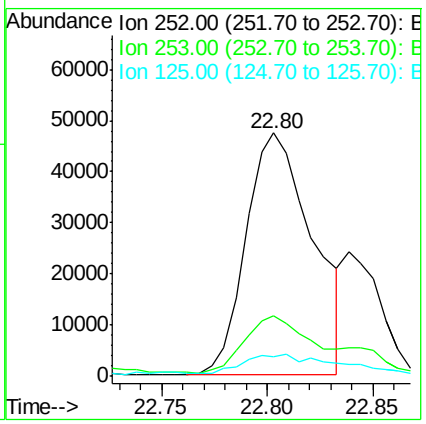


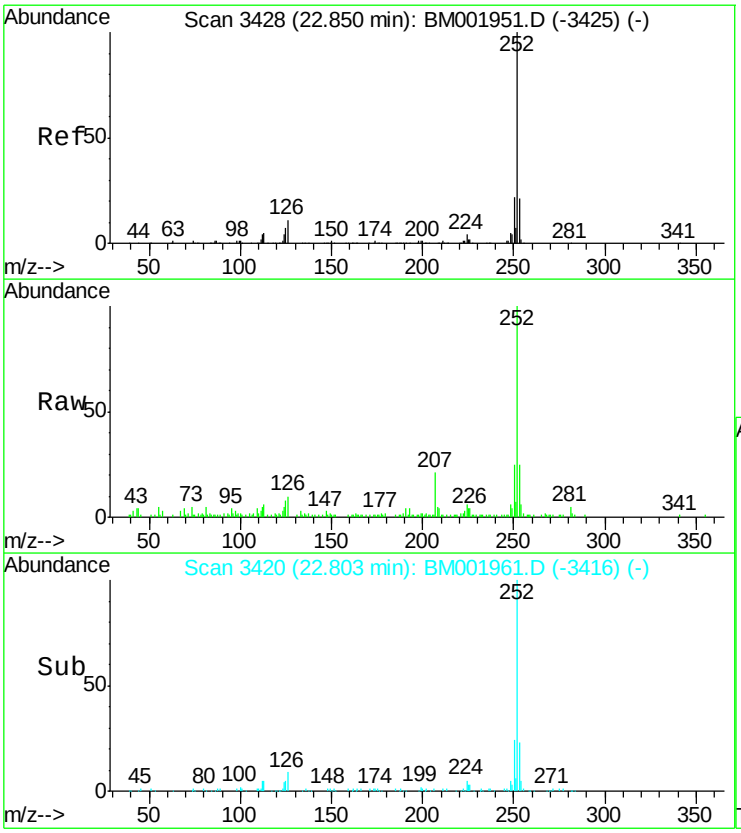
#87
Benzo(b)fluoranthene
Concen: 3.57 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. -0.01 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Instrument :
BNA_M
ClientSampleId :
C01G6

Tgt Ion:252 Resp: 103259

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	7.9	6.1	9.1

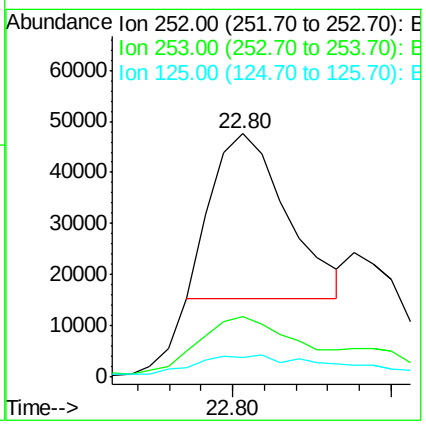


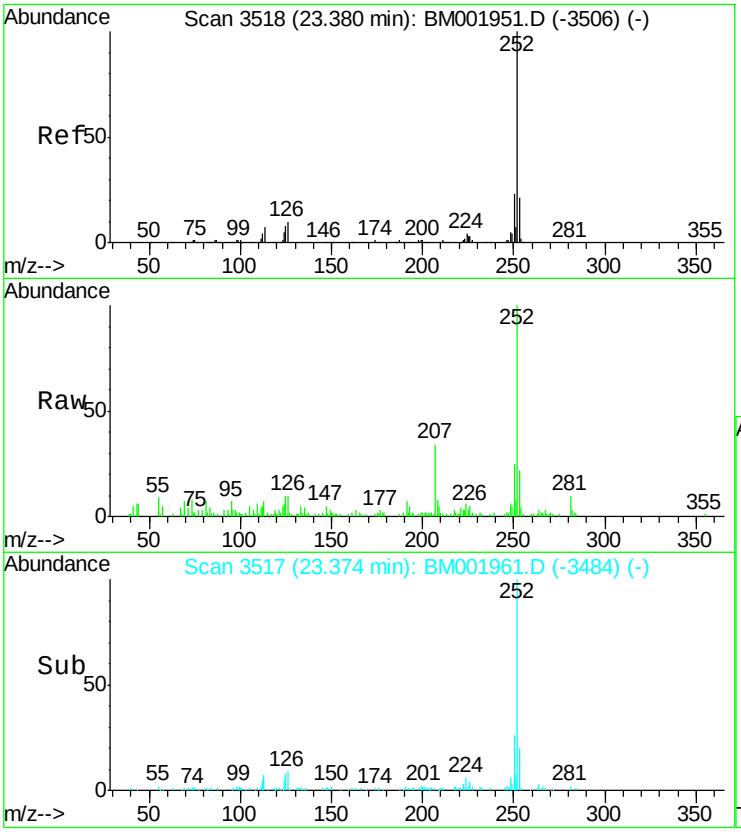


#88
Benzo(k)fluoranthene
Concen: 1.90 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. -0.05 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Tgt Ion:252 Resp: 52922

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	7.9	5.6	8.4



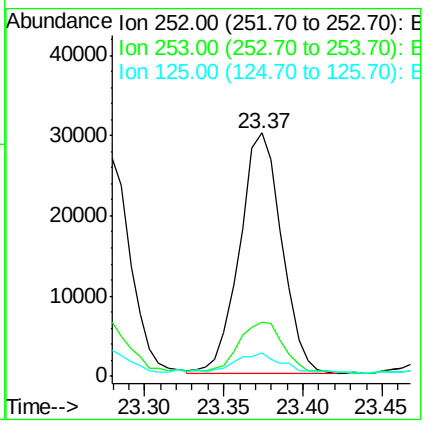


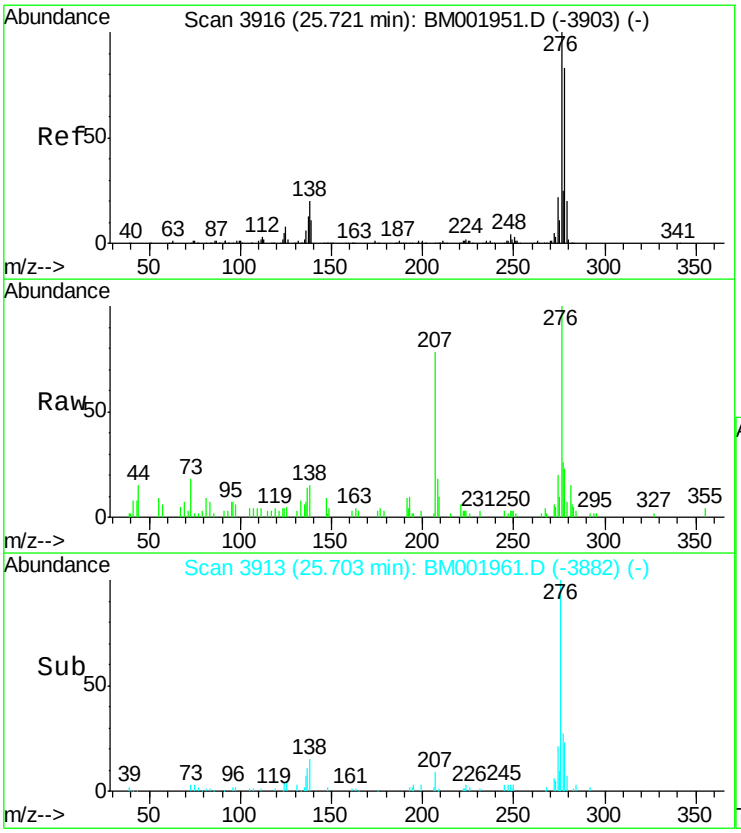
#90
Benzo(a)pyrene
Concen: 2.04 ng/ul
RT: 23.37 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Instrument :
BNA_M
ClientSampleId :
C01G6

Tgt Ion:252 Resp: 55430

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.8	6.4	9.6#





#91
Indeno(1,2,3-cd)pyrene
Concen: 1.32 ng/ul
RT: 25.70 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM001961.D
Acq: 17 Jul 2015 00:09

Tgt Ion:276 Resp: 37625

Ion	Ratio	Lower	Upper
276	100		
138	14.7	15.4	23.0#
277	26.5	19.9	29.9