Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01G2

Quant Time: Jul 17 01:43:52 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	81813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	351650	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	220440	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	503410	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	558306	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	450750	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3013	1.80	ng/uL	0.00
5) Phenol-d5	6.82	99	78082	11.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	45134	12.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	62239	11.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	52461	9.56	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	31917	12.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	36191	12.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	70848	12.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	54284	8.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	221591	12.46	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	245858	11.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	31935	10.61	ng/ul	0.00
57) Fluorene-d10	15.30	176	173265	11.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19220	5.90	ng/ul	0.00
70) Anthracene-d10	17.15	188	249363	10.55	ng/ul	0.00
78) Pyrene-d10	19.46	212	262485	10.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	175014	7.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	12181	6.90	ng/uL#	1
4) Benzaldehyde	6.80	77	4647	1.44	ng/ul	89
6) Phenol	6.85	94	18063	2.62	ng/ul	98
14) Acetophenone	8.48	105	80279	9.26	ng/ul	99
16) 4-Methylphenol	8.42	108	5871	1.02	ng/ul	89
44) Dimethylphthalate	13.76	163	99119	5.48	ng/ul	98
69) Phenanthrene	17.10	178	37908	1.39	ng/ul	98
76) Fluoranthene	19.12	202	80193	2.52	ng/ul	98
79) Pyrene	19.48	202	78113	2.34	ng/ul	98
82) Benzo(a)anthracene	21.29	228	46017	1.38	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.16	149	168285	9.04	ng/ul	97
84) Chrysene	21.29	228	48018	1.54	ng/ul	97
87) Benzo(b)fluoranthene	22.80	252	57629	2.09	ng/ul	96
88) Benzo(k)fluoranthene	22.80	252	34727	1.31	ng/ul#	95
90) Benzo(a)pyrene	23.37	252	29051	1.12	ng/ul#	93

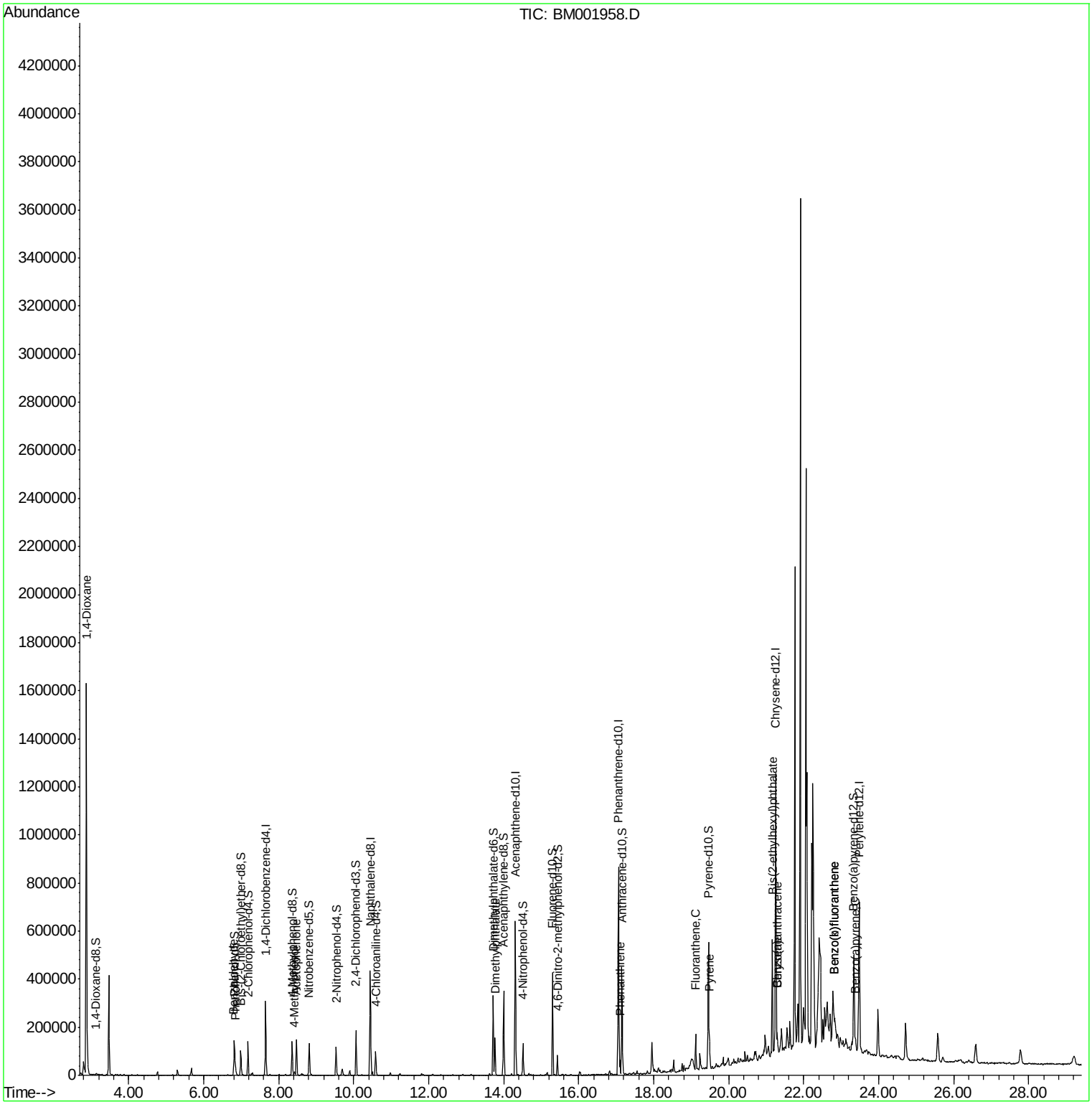
(#) = qualifier out of range (m) = manual integration (+) = signals summed

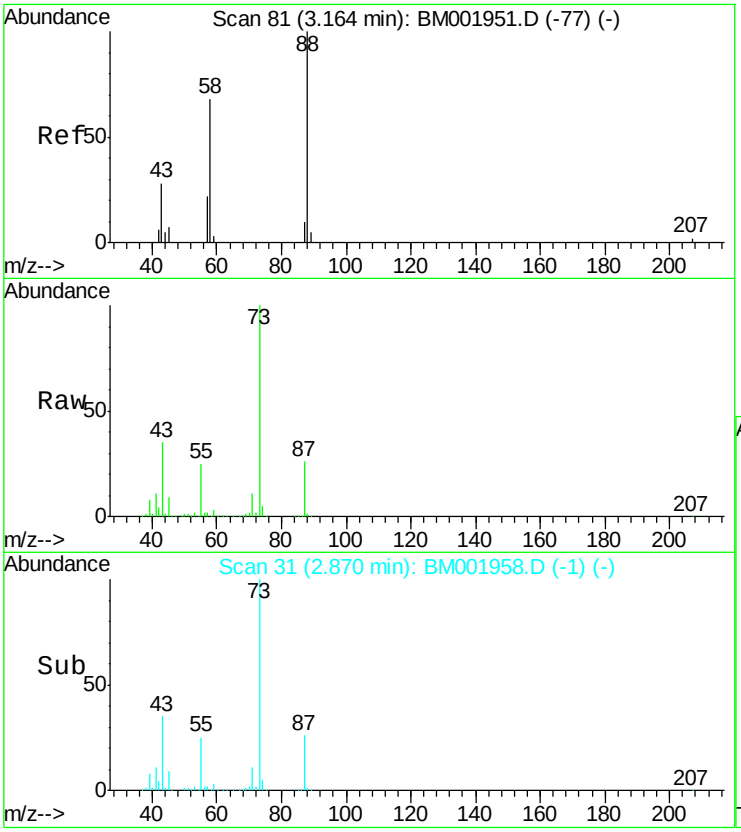
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001958.D
Acq On : 16 Jul 2015 22:21
Operator : TP/UM
Sample : G2998-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01G2

Quant Time: Jul 17 01:43:52 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



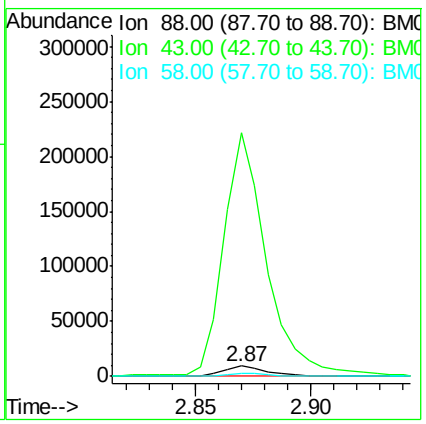


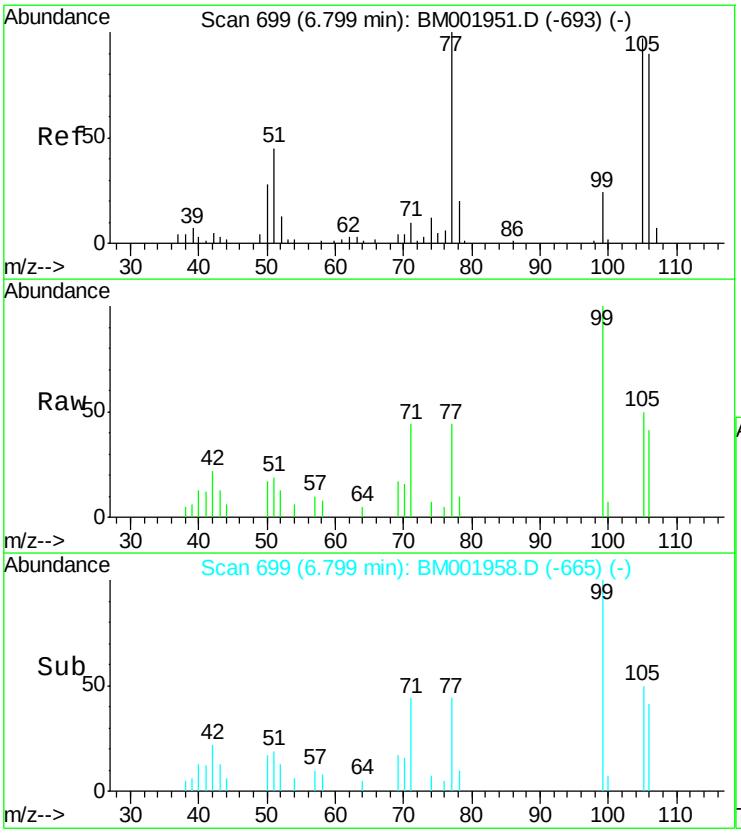
#2
1,4-Dioxane
Concen: 6.90 ng/uL
RT: 2.87 min Scan# 31
Delta R.T. -0.29 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Instrument :
BNA_M
ClientSampleId :
C01G2

Tgt Ion: 88 Resp: 12181

Ion	Ratio	Lower	Upper
88	100		
43	2347.9	22.1	33.1#
58	28.3	54.9	82.3#

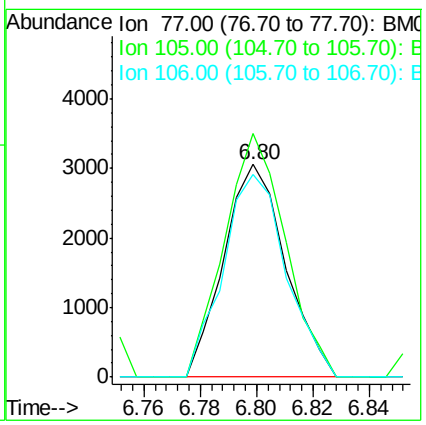


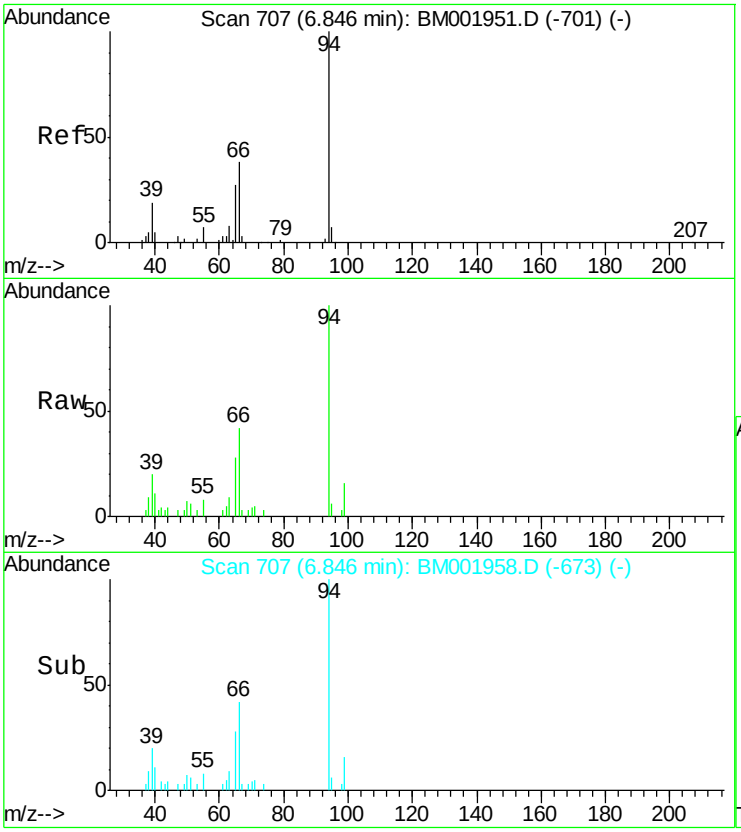


#4
Benzaldehyde
Concen: 1.44 ng/ul
RT: 6.80 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Tgt Ion: 77 Resp: 4647

Ion	Ratio	Lower	Upper
77	100		
105	114.4	77.1	115.7
106	95.1	73.1	109.7



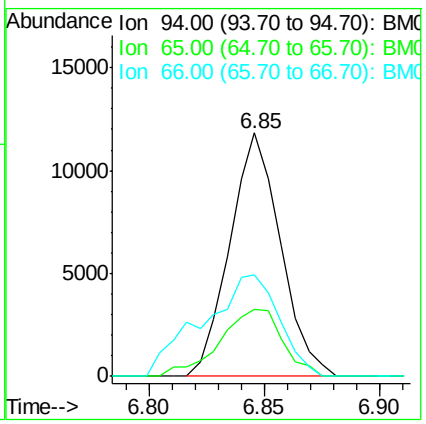


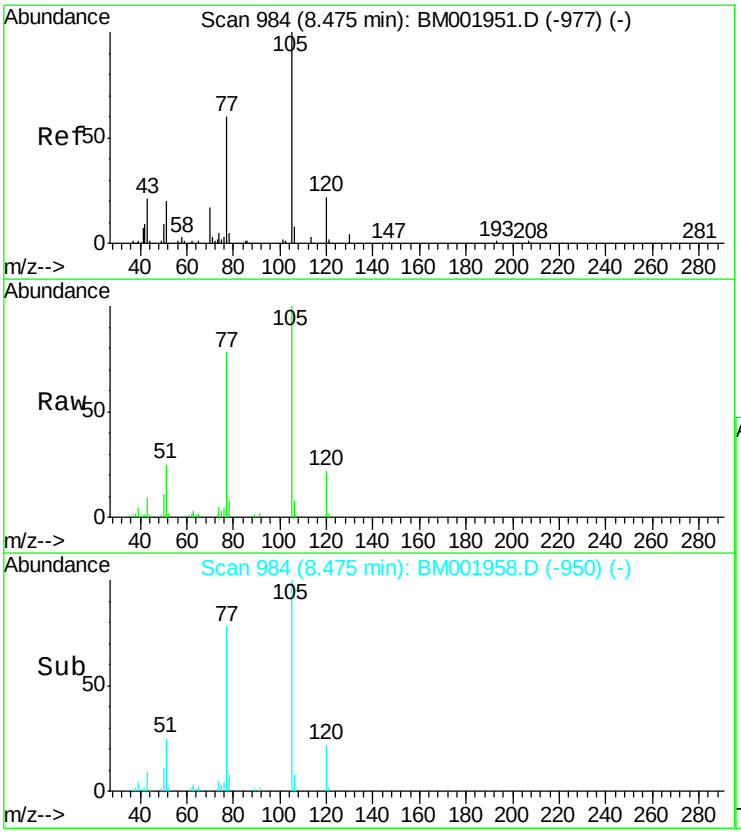
#6
Phenol
Concen: 2.62 ng/ul
RT: 6.85 min Scan# 707
Delta R.T. 0.00 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Instrument :
BNA_M
ClientSampleId :
C01G2

Tgt Ion: 94 Resp: 18063

Ion	Ratio	Lower	Upper
94	100		
65	27.8	23.6	35.4
66	41.8	33.0	49.6

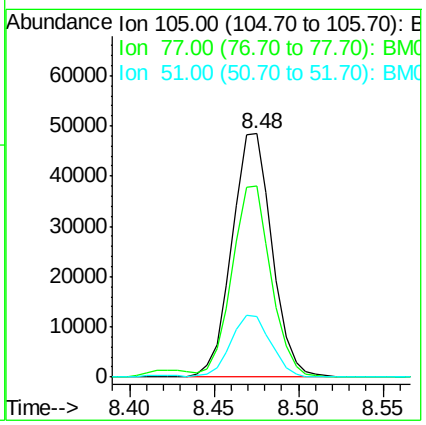


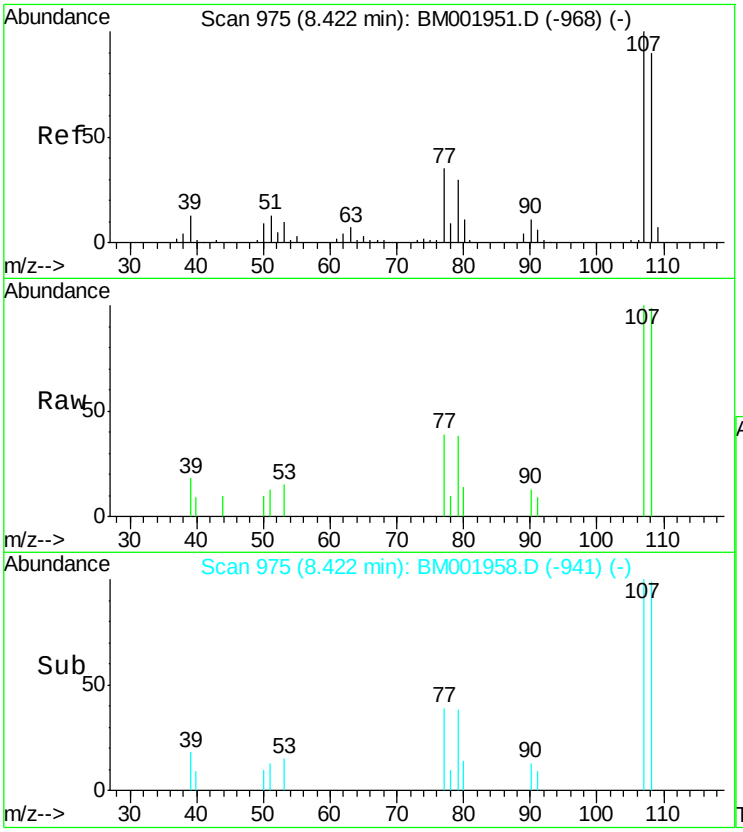


#14
Acetophenone
Concen: 9.26 ng/ul
RT: 8.48 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Tgt Ion:105 Resp: 80279

Ion	Ratio	Lower	Upper
105	100		
77	78.3	61.7	92.5
51	25.1	20.2	30.4



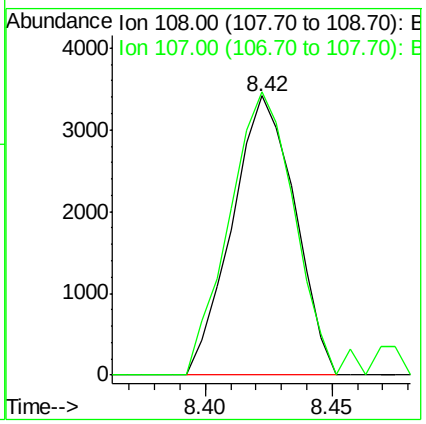


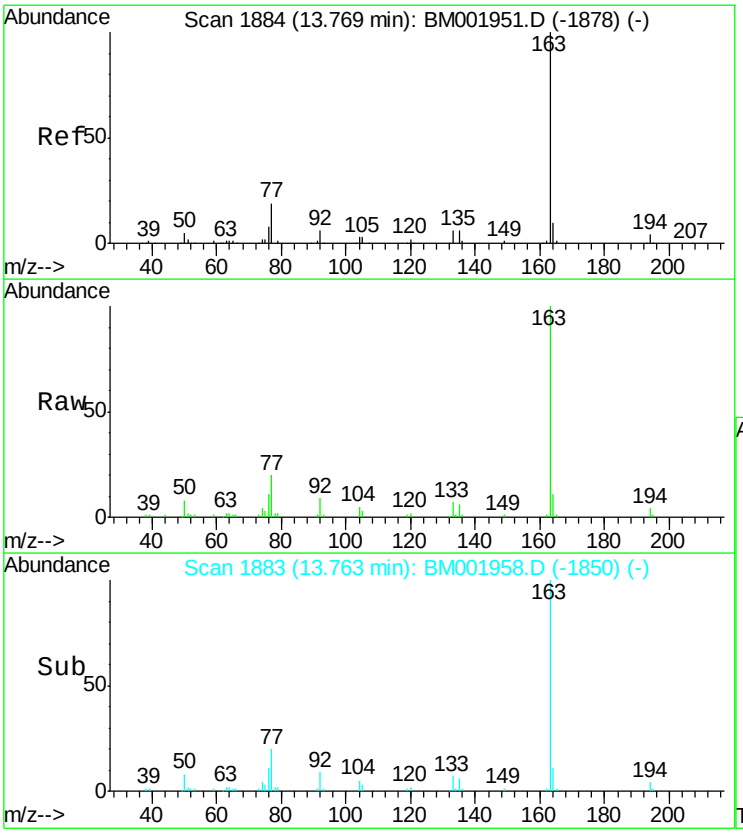
#16
4-Methylphenol
Concen: 1.02 ng/ul
RT: 8.42 min Scan# 975
Delta R.T. 0.00 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Instrument :
BNA_M
ClientSampleId :
C01G2

Tgt Ion:108 Resp: 5871

Ion	Ratio	Lower	Upper
108	100		
107	101.4	90.3	135.5

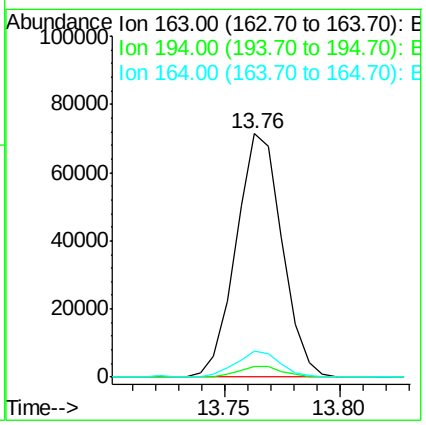


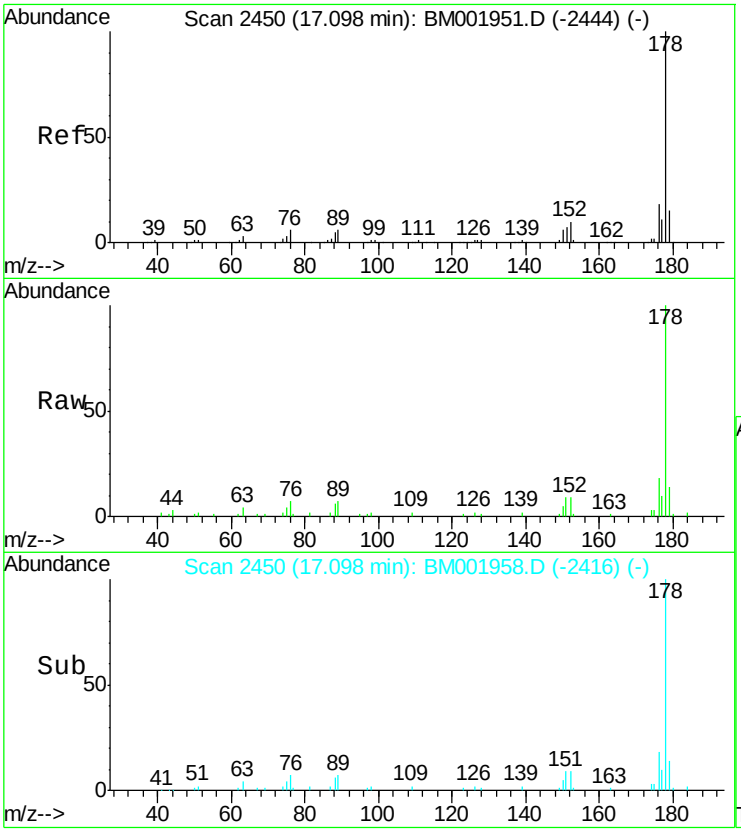


#44
Dimethylphthalate
Concen: 5.48 ng/ul
RT: 13.76 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Tgt Ion:163 Resp: 99119

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.6	7.6	11.4



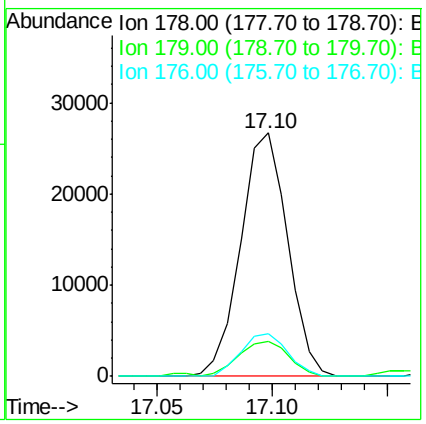


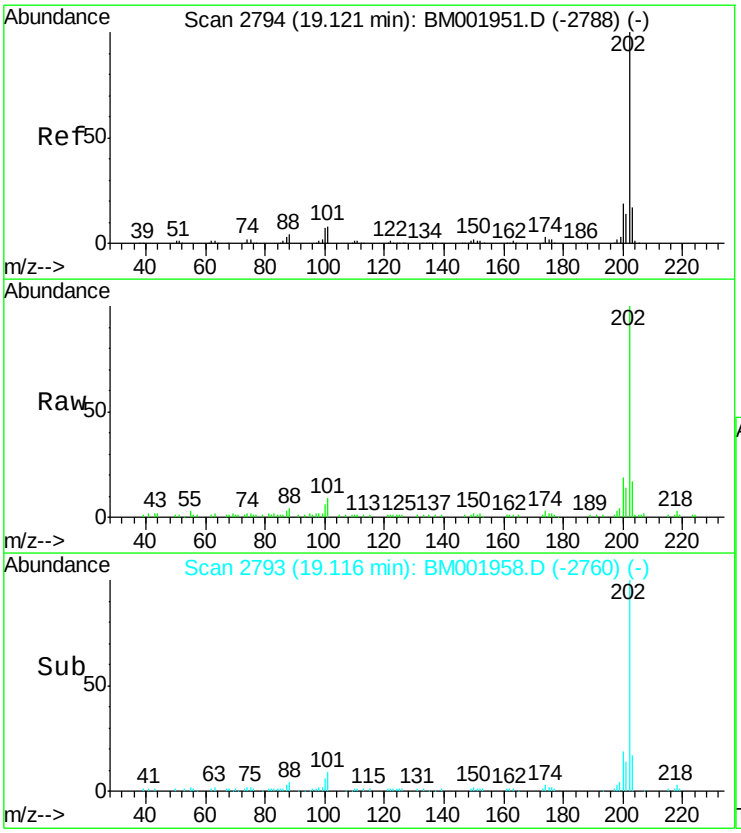
#69
Phenanthrene
Concen: 1.39 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Instrument :
BNA_M
ClientSampleId :
C01G2

Tgt Ion:178 Resp: 37908

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.2
176	17.6	14.5	21.7

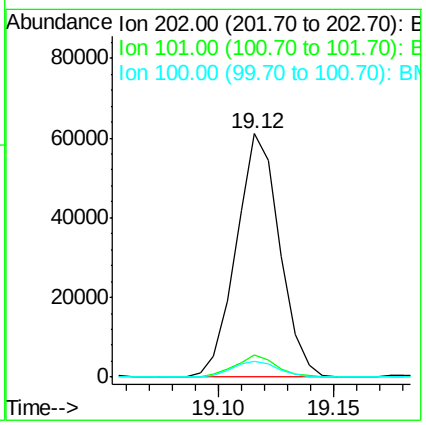


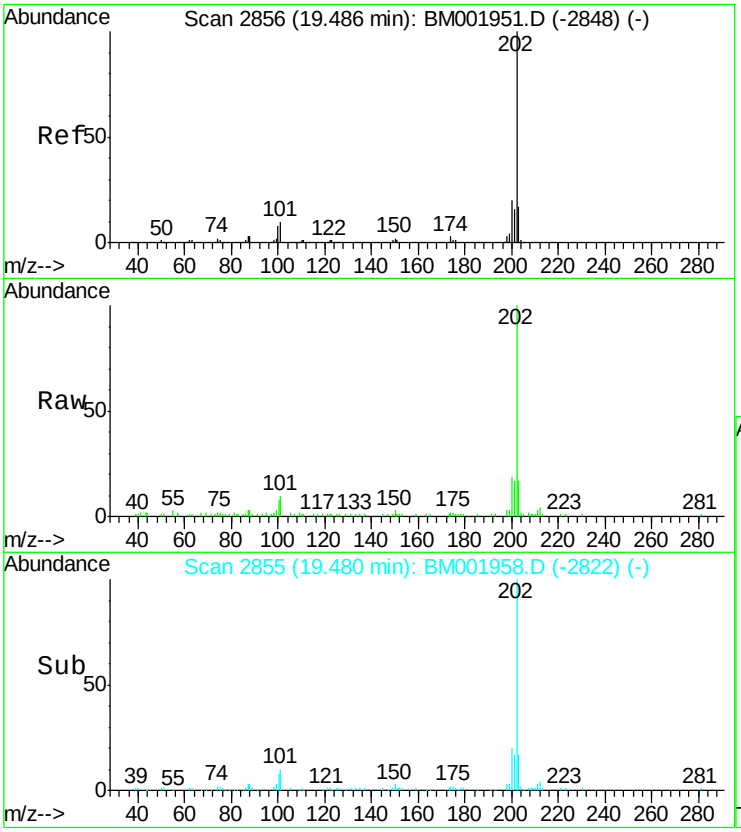


#76
Fluoranthene
Concen: 2.52 ng/ul
RT: 19.12 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Tgt Ion:202 Resp: 80193

Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.6	9.8
100	6.4	5.2	7.8



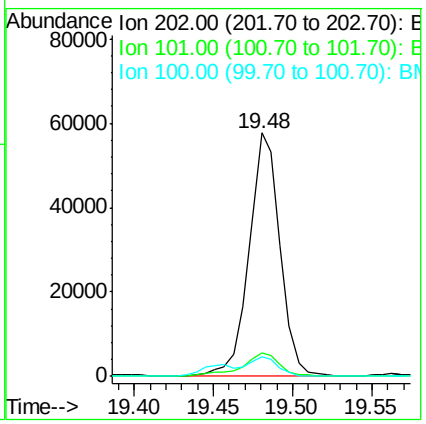


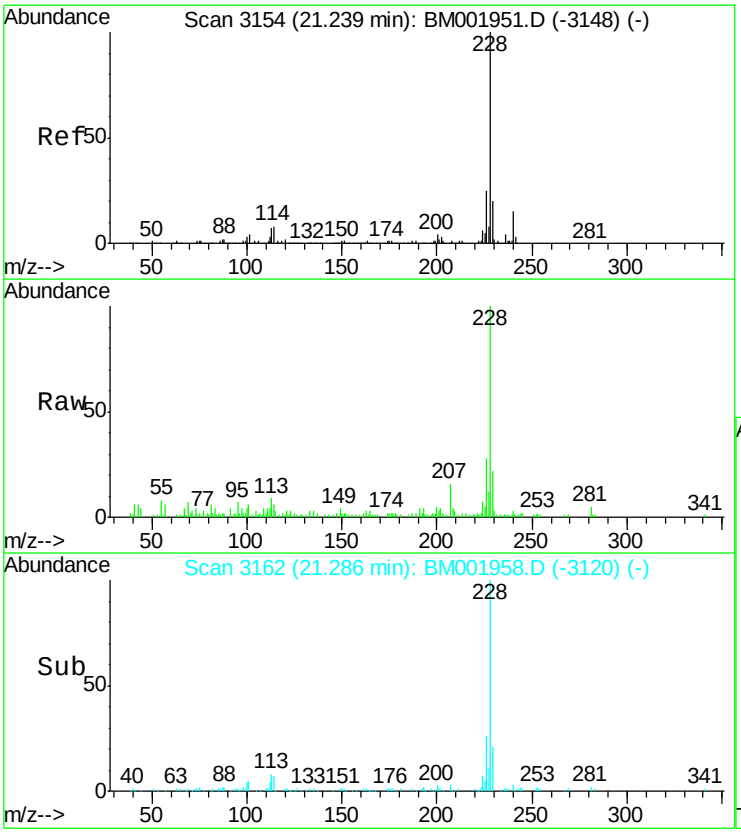
#79
Pyrene
Concen: 2.34 ng/ul
RT: 19.48 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Instrument :
BNA_M
ClientSampleId :
C01G2

Tgt Ion:202 Resp: 78113

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.4	11.0
100	8.2	5.9	8.9

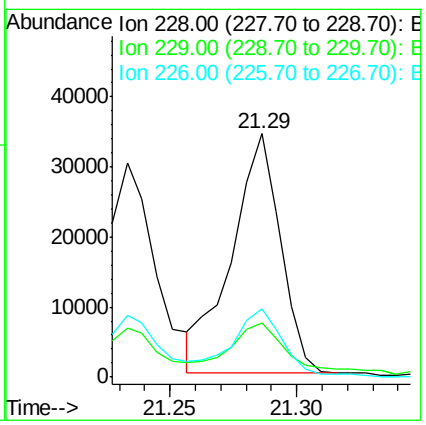


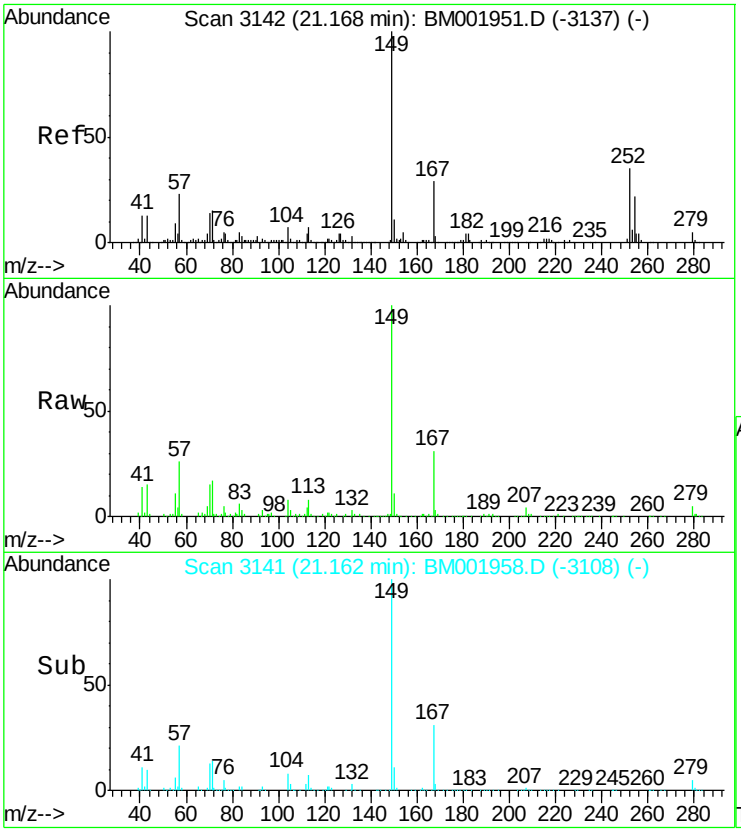


#82
Benzo(a)anthracene
Concen: 1.38 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. 0.05 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Tgt Ion:228 Resp: 46017

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.2	22.8
226	27.9	20.8	31.2



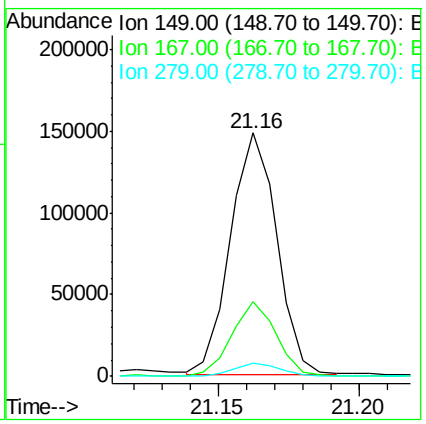


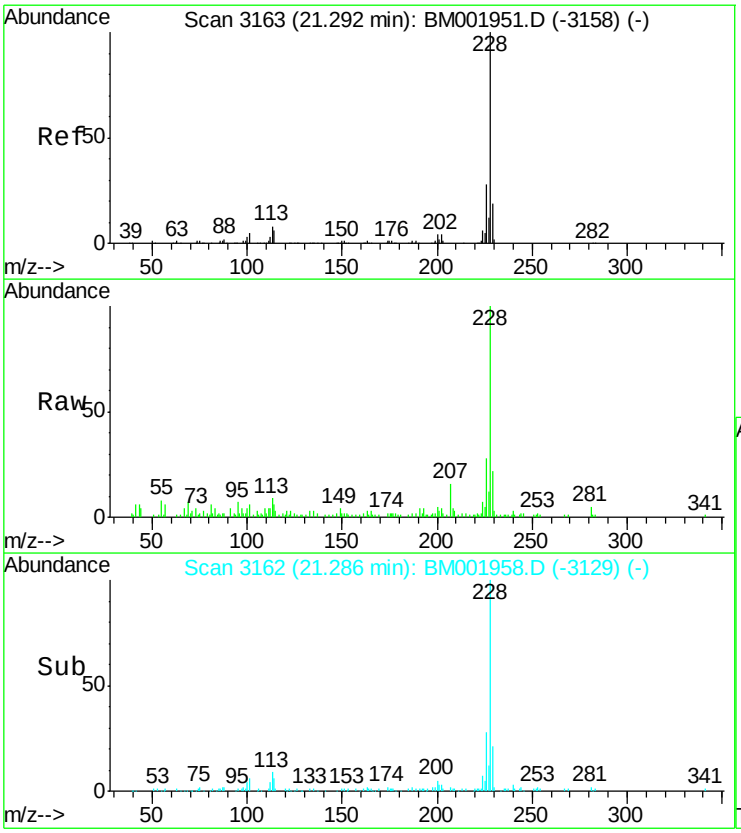
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.04 ng/ul
RT: 21.16 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Instrument :
BNA_M
ClientSampleId :
C01G2

Tgt Ion:149 Resp: 168285

Ion	Ratio	Lower	Upper
149	100		
167	30.7	23.4	35.0
279	5.4	4.0	6.0

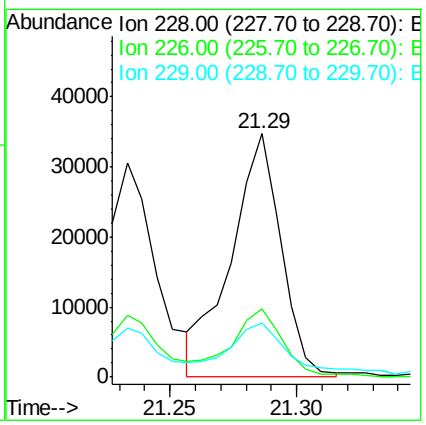


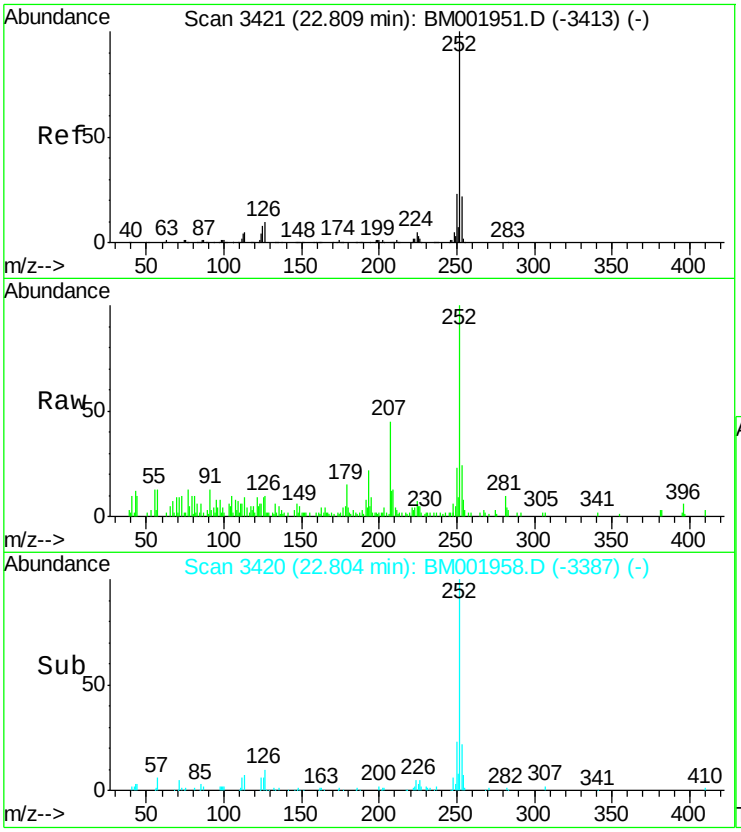


#84
Chrysene
Concen: 1.54 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Tgt Ion:228 Resp: 48018

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	22.3	15.4	23.0



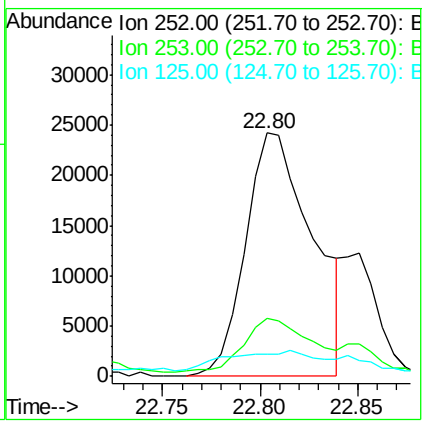


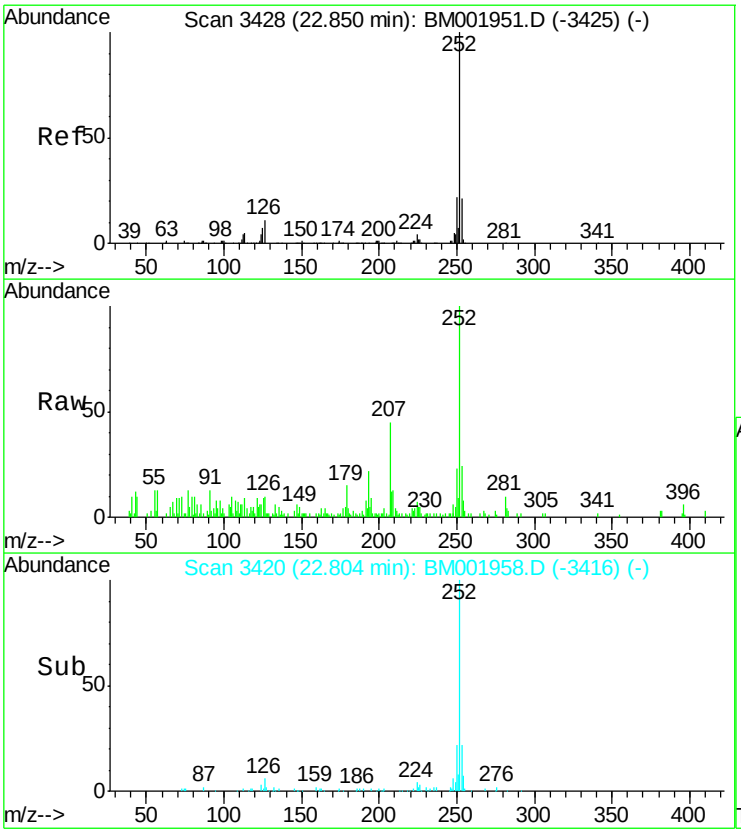
#87
Benzo(b)fluoranthene
Concen: 2.09 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. -0.01 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Instrument :
BNA_M
ClientSampleId :
C01G2

Tgt Ion:252 Resp: 57629

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	8.9	6.1	9.1

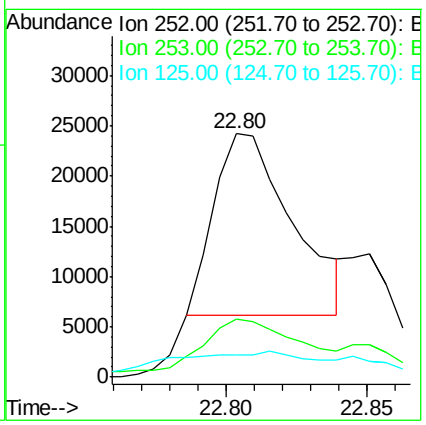


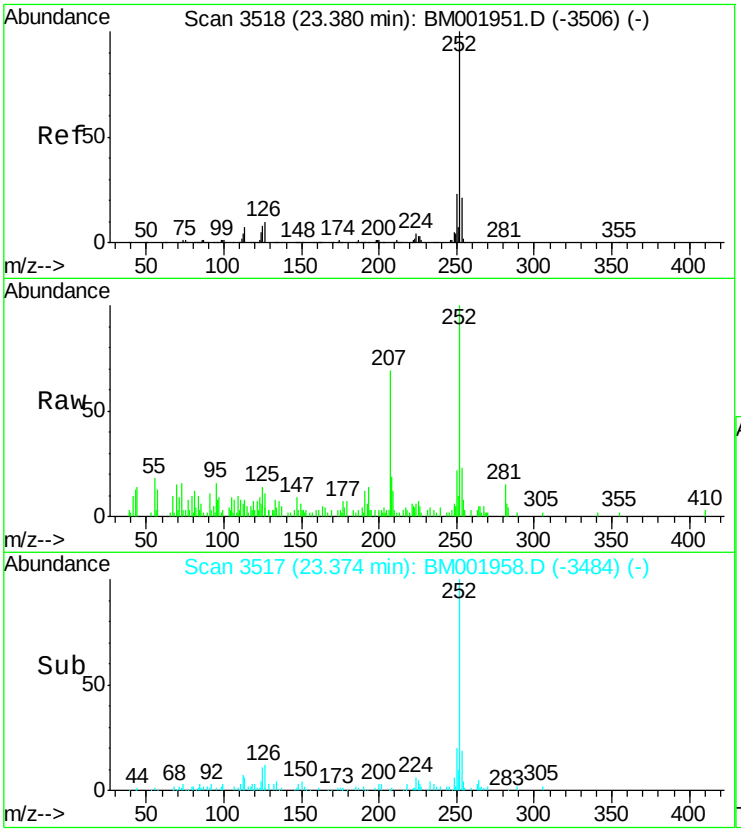


#88
Benzo(k)fluoranthene
Concen: 1.31 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. -0.05 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Tgt Ion:252 Resp: 34727

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	8.9	5.6	8.4#





#90
Benzo(a)pyrene
Concen: 1.12 ng/ul
RT: 23.37 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM001958.D
Acq: 16 Jul 2015 22:21

Instrument :
BNA_M
ClientSampleId :
C01G2

Tgt Ion:252 Resp: 29051

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	14.1	6.4	9.6#