Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001957.D
Acq On : 16 Jul 2015 21:44
Operator : TP/UM
Sample : G2998-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01F8

Quant Time: Jul 17 01:43:38 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	84604	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	366867	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	230062	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	517462	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	568340	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	464513	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	864	0.50	ng/uL	0.00
5) Phenol-d5	6.82	99	47954	6.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	25015	6.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	35701	6.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	43792	7.72	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	19659	7.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	23363	7.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	47855	7.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	51681	8.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	156460	8.43	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	179845	8.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	16140	5.14	ng/ul	0.00
57) Fluorene-d10	15.30	176	127432	8.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	8511	2.54	ng/ul	0.00
70) Anthracene-d10	17.15	188	186971	7.70	ng/ul	0.00
78) Pyrene-d10	19.46	212	198069	7.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	142961	6.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	15288	8.38	ng/uL#	1
6) Phenol	6.85	94	9198	1.29	ng/ul	95
14) Acetophenone	8.47	105	48549	5.42	ng/ul	98
44) Dimethylphthalate	13.76	163	82367	4.36	ng/ul	97
69) Phenanthrene	17.10	178	37723	1.35	ng/ul	99
76) Fluoranthene	19.12	202	70467	2.15	ng/ul	99
79) Pyrene	19.48	202	74154	2.18	ng/ul	98
82) Benzo(a)anthracene	21.23	228	36476	1.08	ng/ul	95
84) Chrysene	21.23	228	37934	1.20	ng/ul	96
87) Benzo(b)fluoranthene	22.80	252	43378	1.52	ng/ul#	90
90) Benzo(a)pyrene	23.37	252	28198	1.05	ng/ul#	82

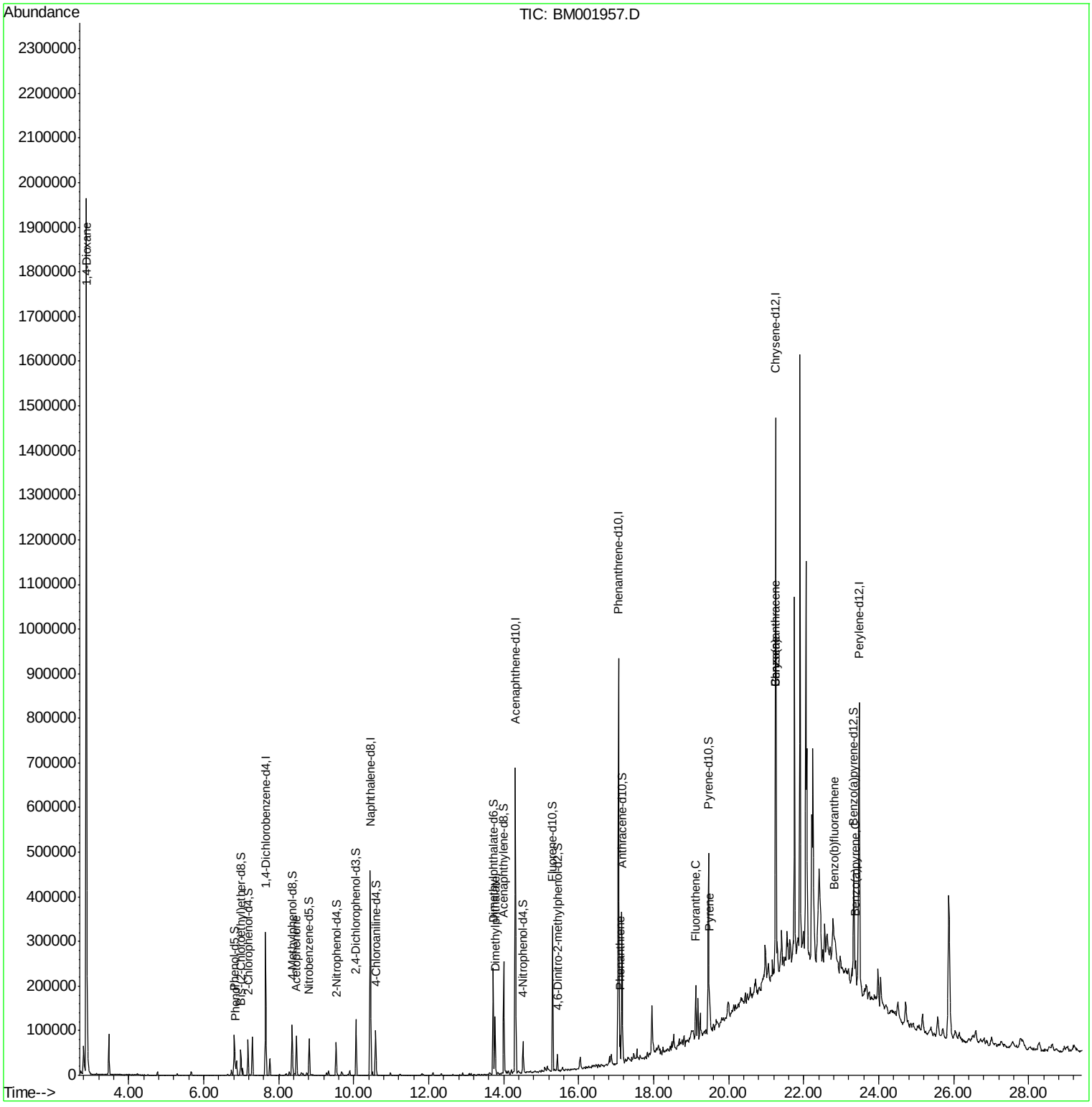
(#) = qualifier out of range (m) = manual integration (+) = signals summed

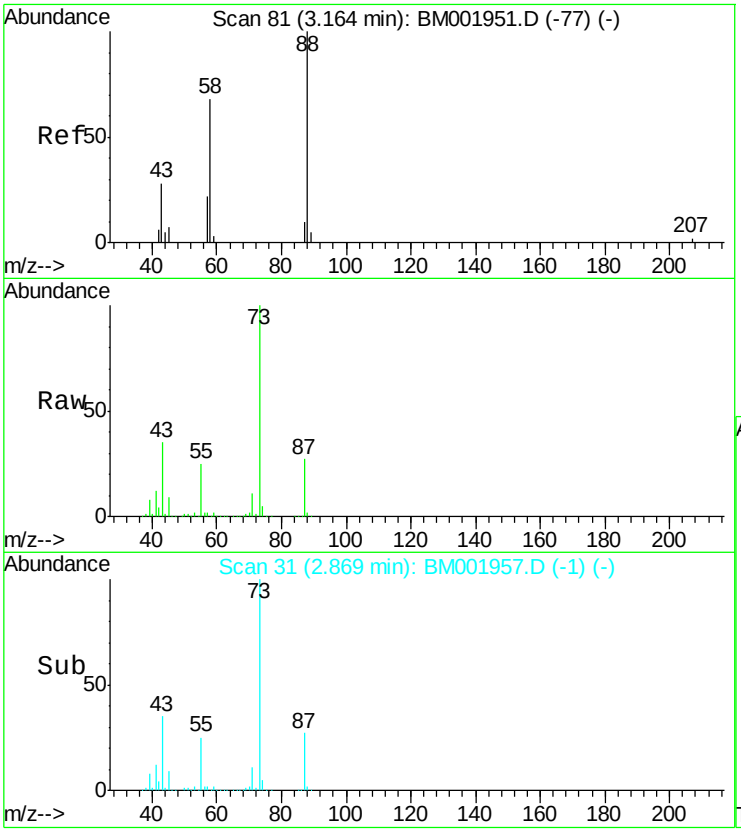
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001957.D
Acq On : 16 Jul 2015 21:44
Operator : TP/UM
Sample : G2998-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01F8

Quant Time: Jul 17 01:43:38 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



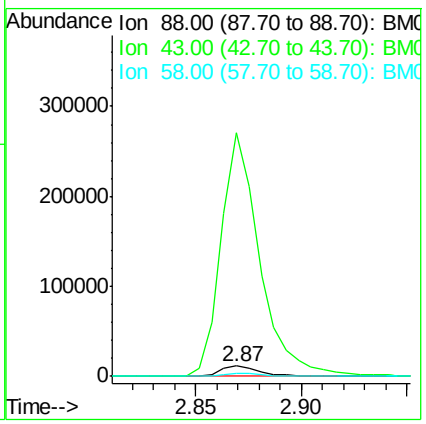


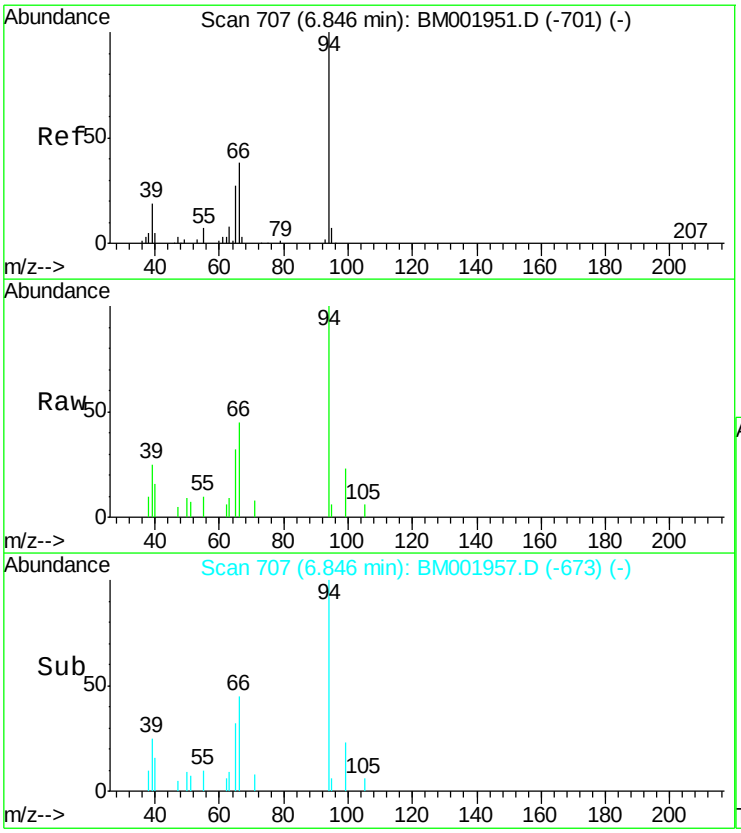
#2
1,4-Dioxane
Concen: 8.38 ng/uL
RT: 2.87 min Scan# 31
Delta R.T. -0.29 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Instrument :
BNA_M
ClientSampleId :
C01F8

Tgt Ion: 88 Resp: 15288

Ion	Ratio	Lower	Upper
88	100		
43	2264.0	22.1	33.1#
58	26.1	54.9	82.3#

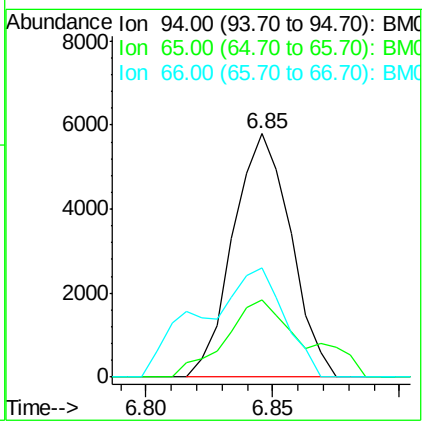


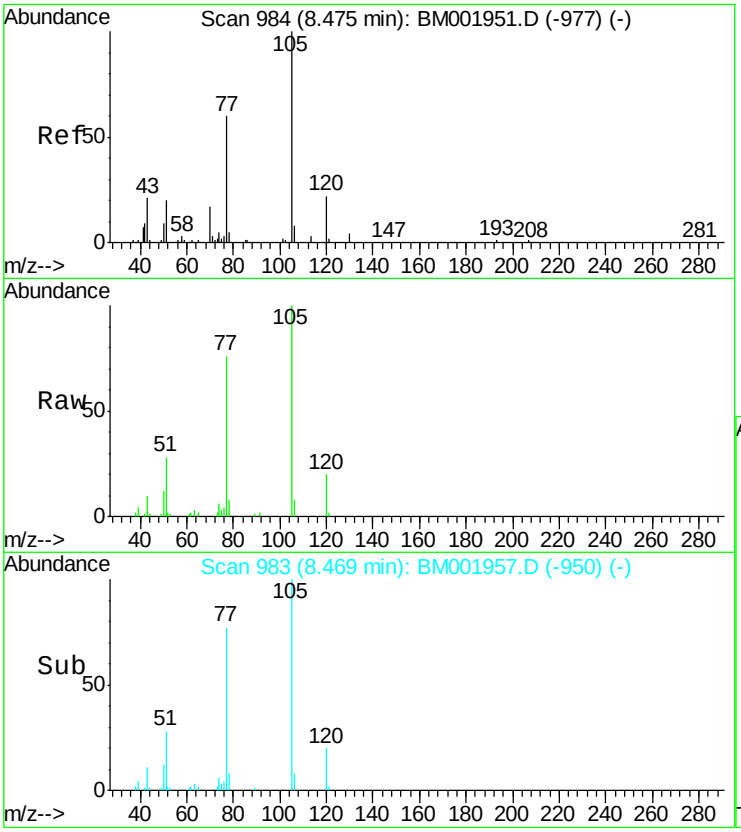


#6
Phenol
Concen: 1.29 ng/ul
RT: 6.85 min Scan# 707
Delta R.T. -0.00 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Tgt Ion: 94 Resp: 9198

Ion	Ratio	Lower	Upper
94	100		
65	31.6	23.6	35.4
66	45.1	33.0	49.6



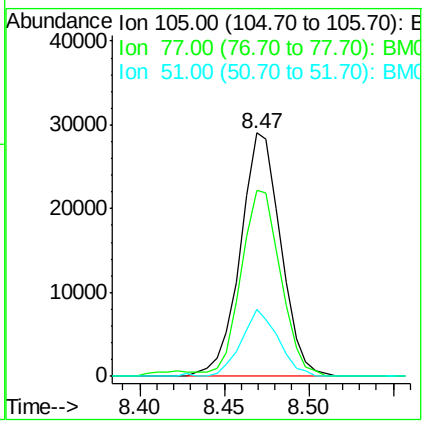


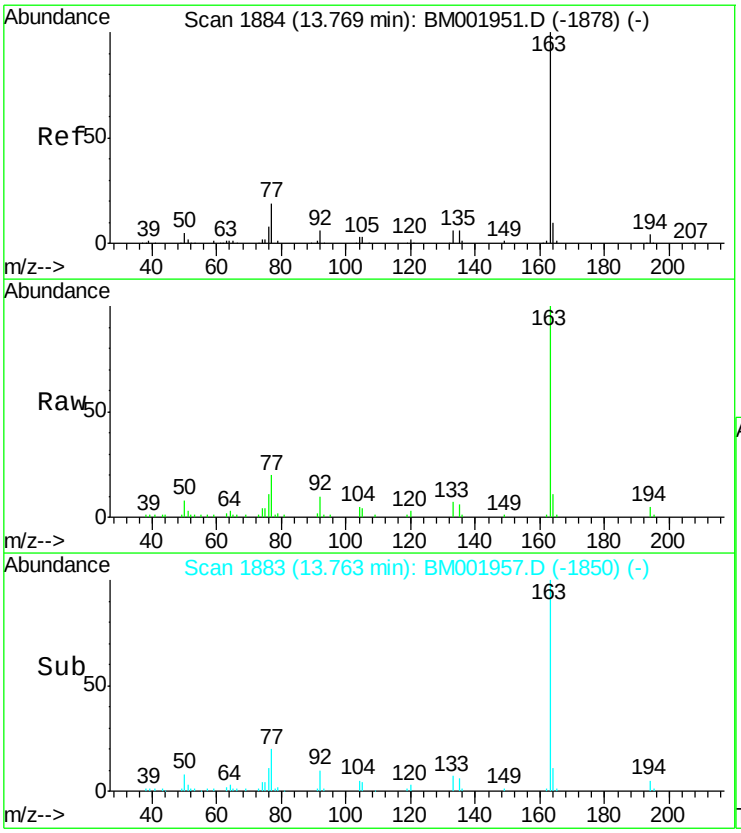
#14
Acetophenone
Concen: 5.42 ng/ul
RT: 8.47 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Instrument :
BNA_M
ClientSampleId :
C01F8

Tgt Ion:105 Resp: 48549

Ion	Ratio	Lower	Upper
105	100		
77	76.2	61.7	92.5
51	27.6	20.2	30.4

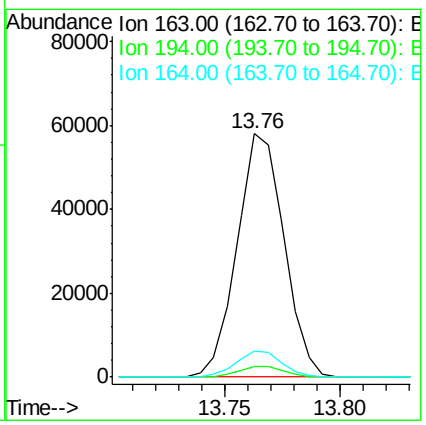


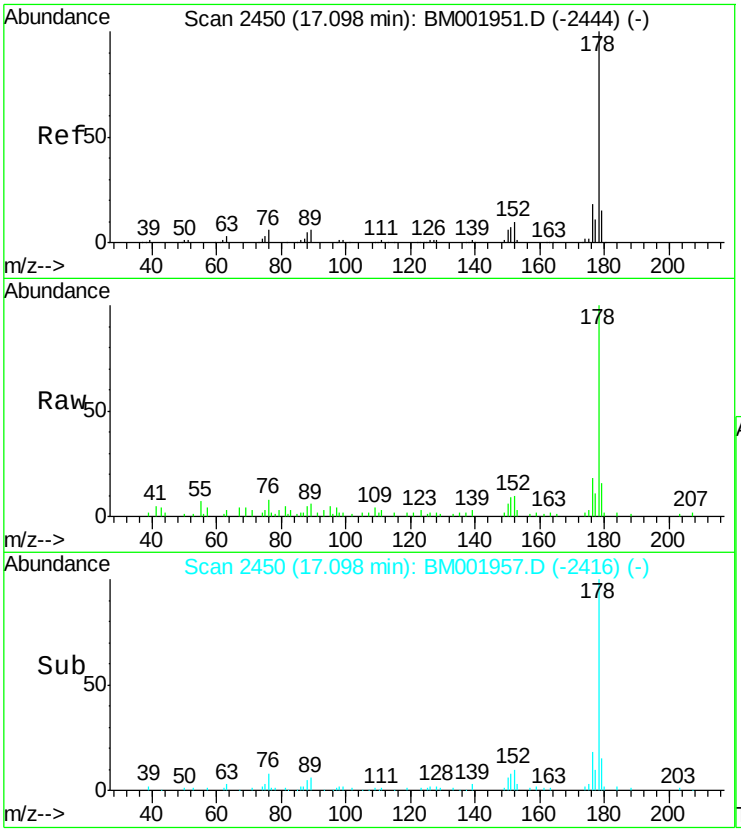


#44
Dimethylphthalate
Concen: 4.36 ng/ul
RT: 13.76 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Tgt Ion:163 Resp: 82367

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	10.8	7.6	11.4



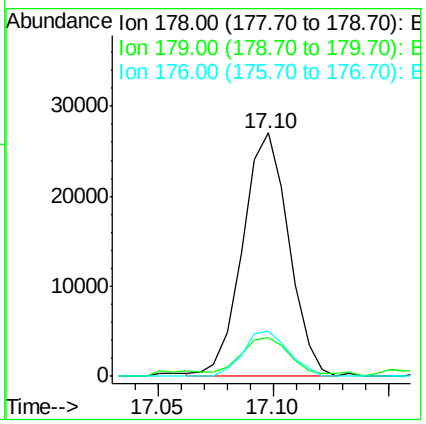


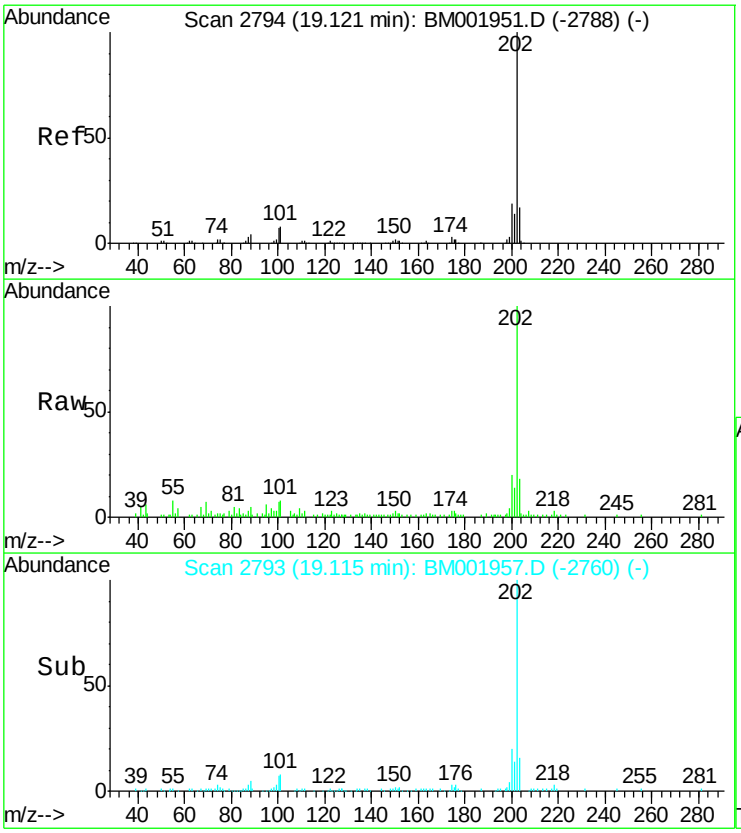
#69
Phenanthrene
Concen: 1.35 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Instrument :
BNA_M
ClientSampleId :
C01F8

Tgt Ion:178 Resp: 37723

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	18.5	14.5	21.7

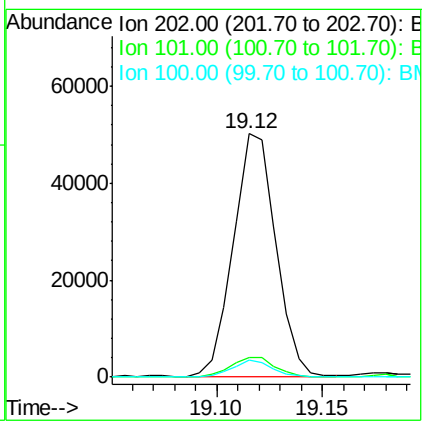


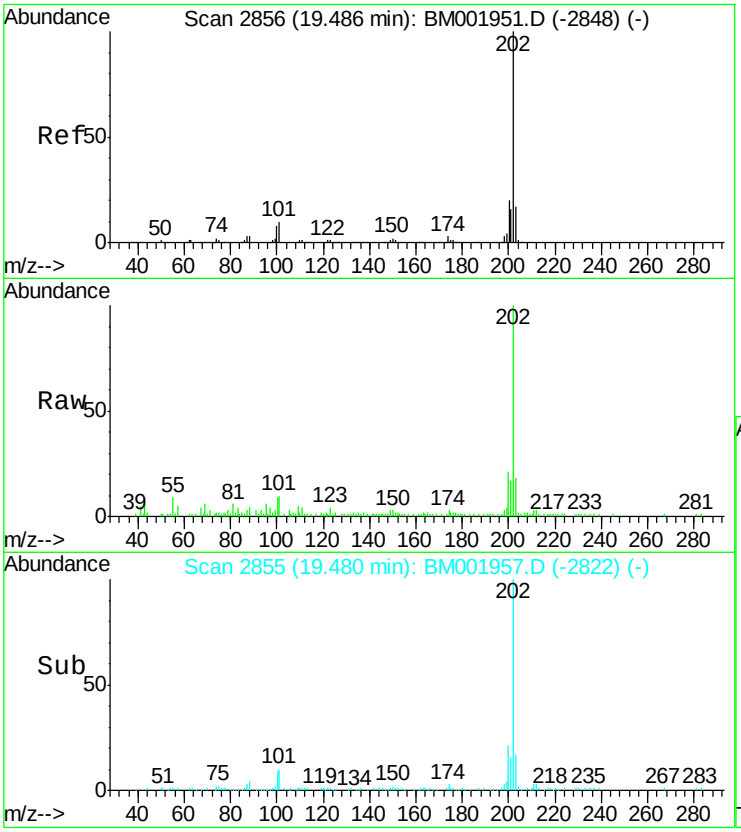


#76
Fluoranthene
Concen: 2.15 ng/ul
RT: 19.12 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Tgt Ion:202 Resp: 70467

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.6	9.8
100	7.0	5.2	7.8



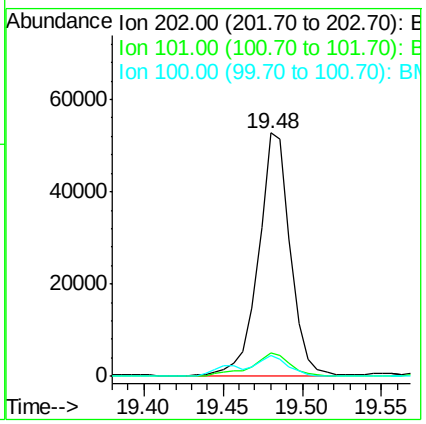


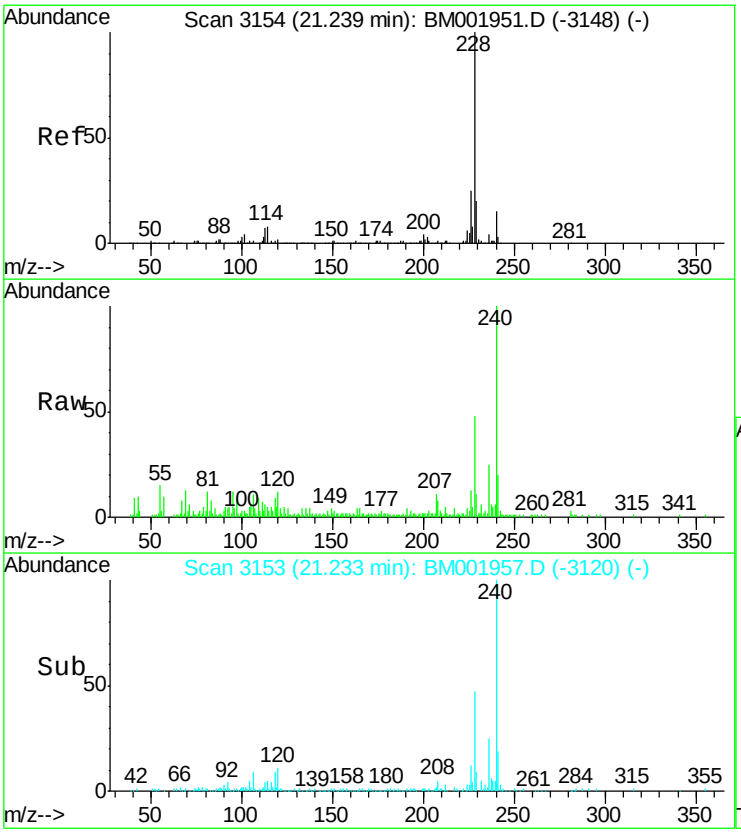
#79
Pyrene
Concen: 2.18 ng/ul
RT: 19.48 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Instrument :
BNA_M
ClientSampleId :
C01F8

Tgt Ion:202 Resp: 74154

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.4	11.0
100	8.8	5.9	8.9

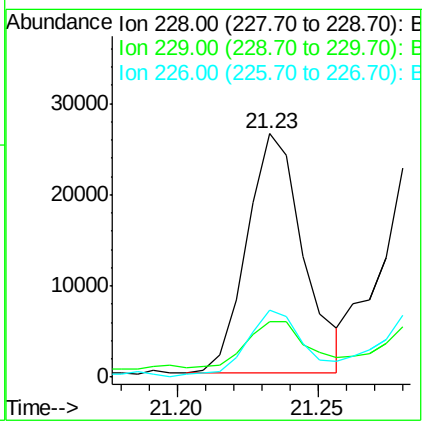


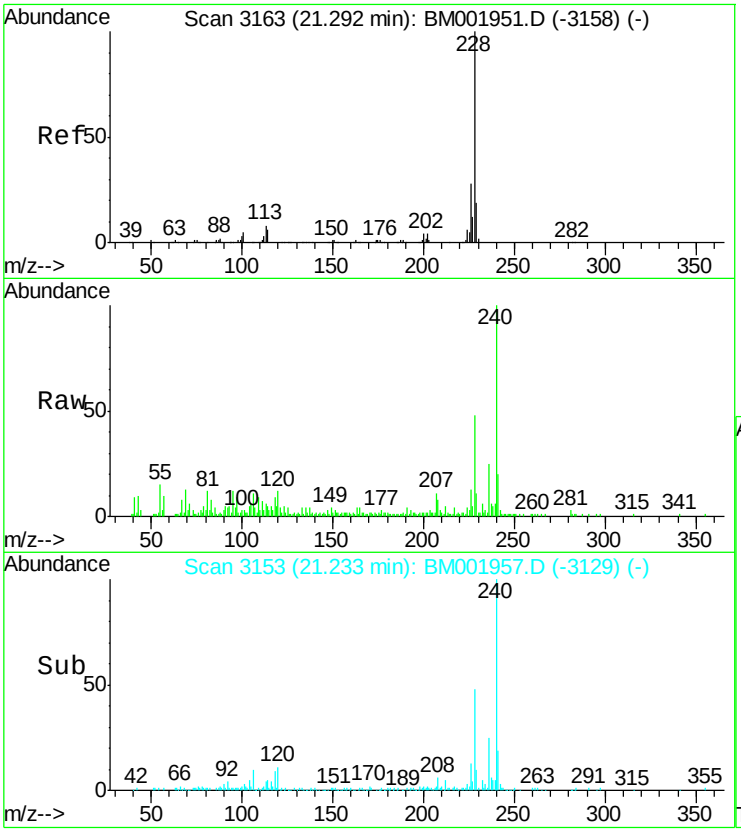


#82
Benzo(a)anthracene
Concen: 1.08 ng/ul
RT: 21.23 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Tgt Ion:228 Resp: 36476

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.2	22.8
226	27.6	20.8	31.2



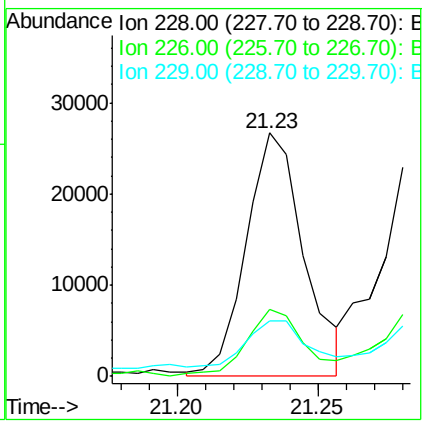


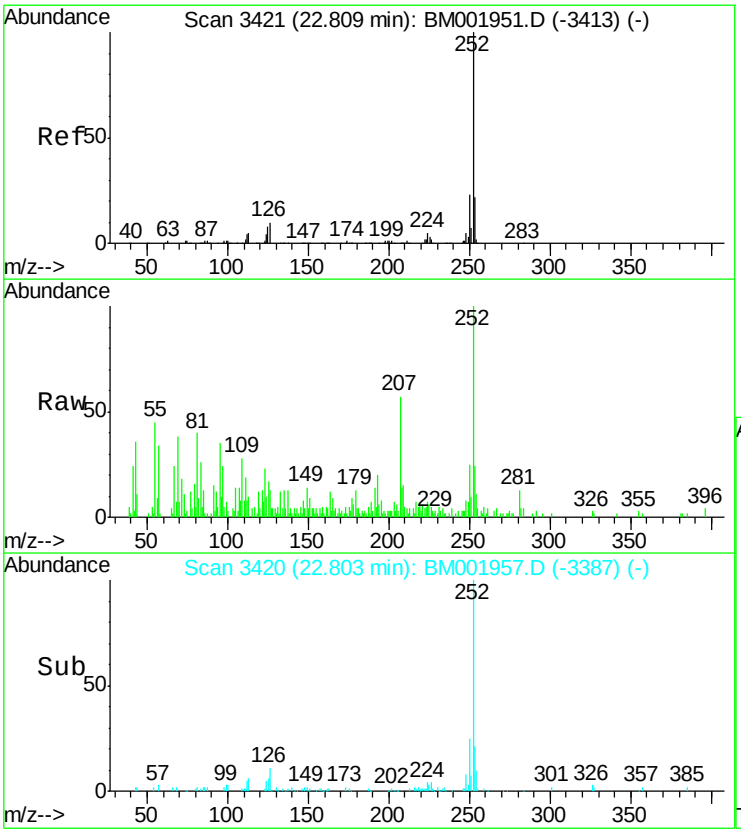
#84
Chrysene
Concen: 1.20 ng/ul
RT: 21.23 min Scan# 3153
Delta R.T. -0.06 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Instrument :
BNA_M
ClientSampleId :
C01F8

Tgt Ion:228 Resp: 37934

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	22.7	15.4	23.0

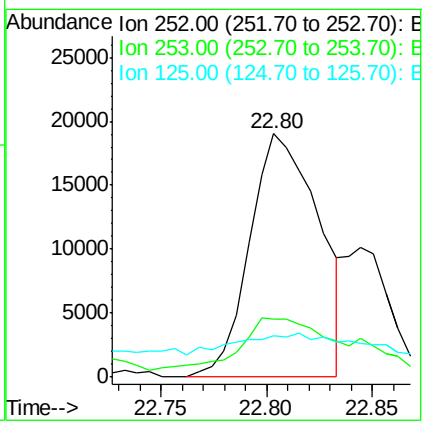


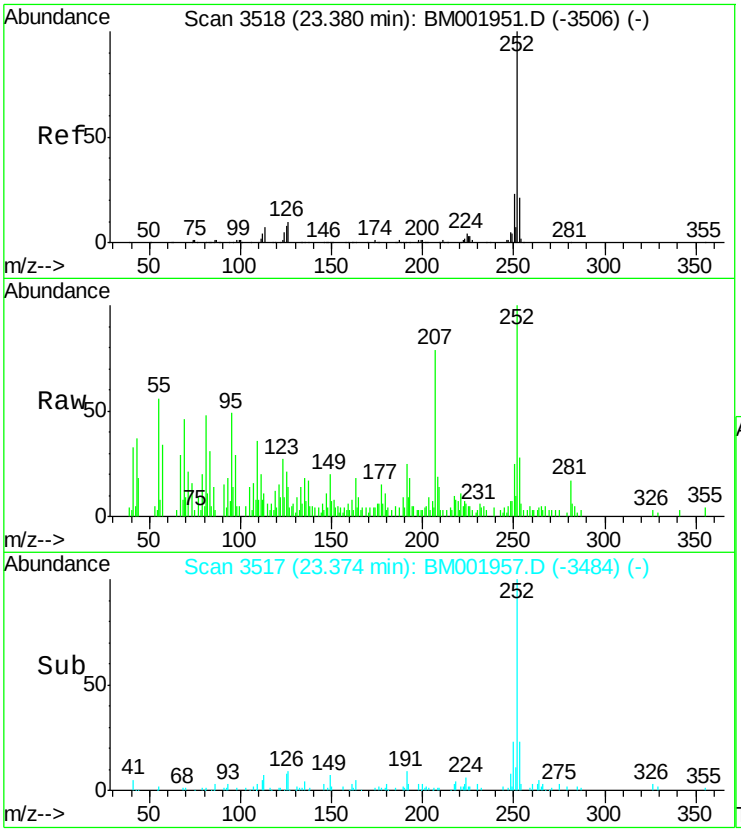


#87
Benzo(b)fluoranthene
Concen: 1.52 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. -0.01 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Tgt Ion:252 Resp: 43378

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	17.3	6.1	9.1#





#90
Benzo(a)pyrene
Concen: 1.05 ng/ul
RT: 23.37 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM001957.D
Acq: 16 Jul 2015 21:44

Instrument :
BNA_M
ClientSampleId :
C01F8

Tgt Ion:252 Resp: 28198

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.4	26.2#
125	20.7	6.4	9.6#