Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001955.D
Acq On : 16 Jul 2015 20:32
Operator : TP/UM
Sample : G2998-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01F4

Quant Time: Jul 17 01:43:11 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	86012	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	361319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	223731	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	512325	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	547019	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	453257	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3992	2.27	ng/uL	0.00
5) Phenol-d5	6.82	99	98067	13.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	56418	14.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	78744	14.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	75758	13.14	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	39142	14.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	44205	14.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	85136	14.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	45504	7.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	258861	14.35	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	257529	11.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	34414	11.26	ng/ul	0.00
57) Fluorene-d10	15.30	176	177459	11.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19963	6.02	ng/ul	0.00
70) Anthracene-d10	17.15	188	256553	10.67	ng/ul	0.00
78) Pyrene-d10	19.46	212	252389	10.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	163074	7.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	15727	8.48	ng/uL#	1
4) Benzaldehyde	6.80	77	5163	1.52	ng/ul	92
6) Phenol	6.85	94	14346	1.98	ng/ul	98
14) Acetophenone	8.47	105	95596	10.49	ng/ul	98
44) Dimethylphthalate	13.77	163	144988	7.90	ng/ul	99
69) Phenanthrene	17.10	178	166974	6.02	ng/ul	100
71) Anthracene	17.19	178	34231	1.20	ng/ul	98
76) Fluoranthene	19.12	202	327039	10.08	ng/ul	99
79) Pyrene	19.49	202	297996	9.11	ng/ul	99
82) Benzo(a)anthracene	21.23	228	148960	4.58	ng/ul#	94
83) Bis(2-ethylhexyl)phthalate	21.16	149	20383	1.12	ng/ul#	93
84) Chrysene	21.29	228	159691	5.24	ng/ul	96
87) Benzo(b)fluoranthene	22.81	252	188875	6.80	ng/ul#	91
88) Benzo(k)fluoranthene	22.81	252	82311	3.08	ng/ul#	90
90) Benzo(a)pyrene	23.38	252	115666	4.43	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.71	276	74442	2.72	ng/ul	95
93) Benzo(g,h,i)perylene	26.40	276	54840	2.44	ng/ul	97

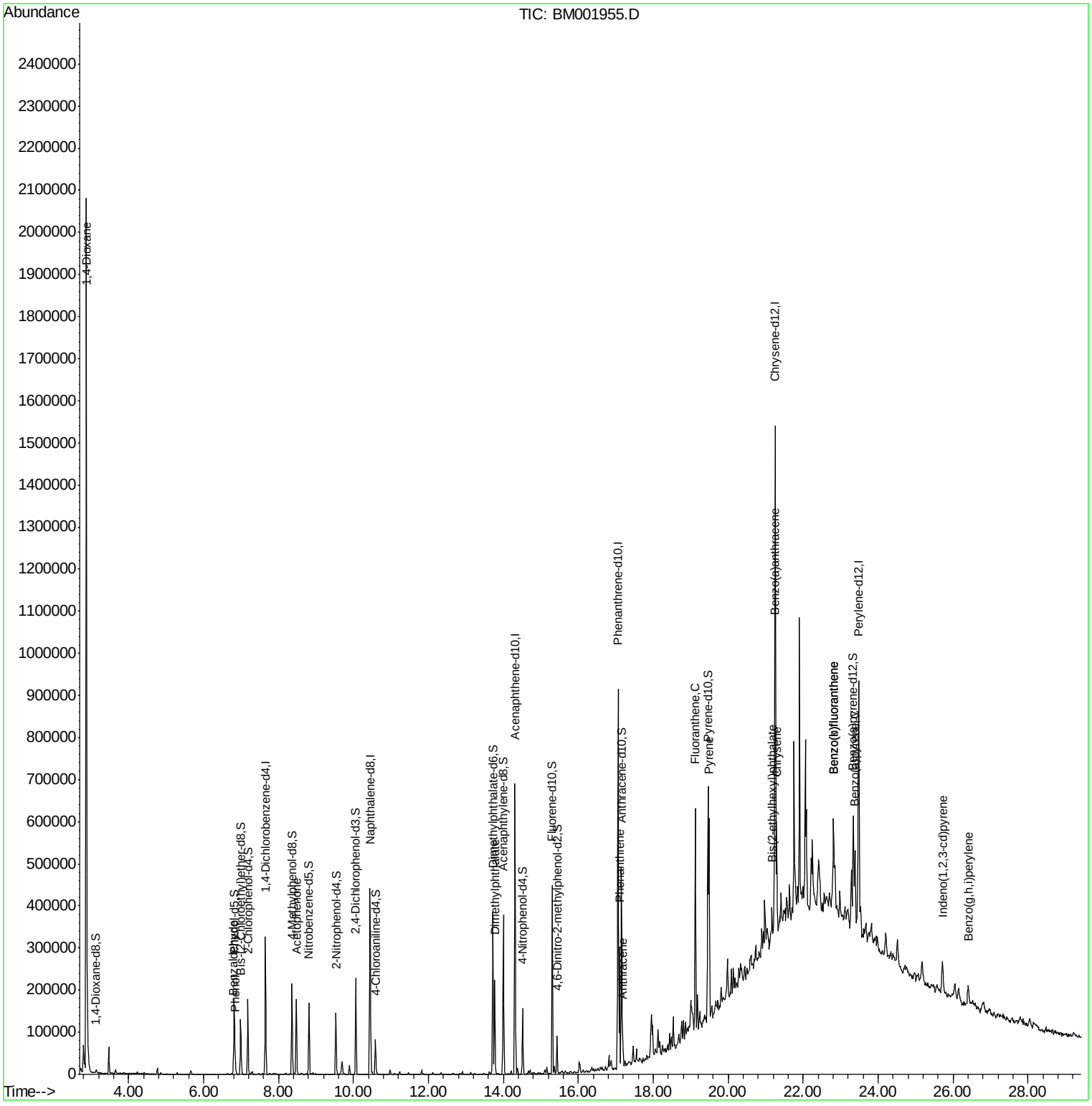
(#) = qualifier out of range (m) = manual integration (+) = signals summed

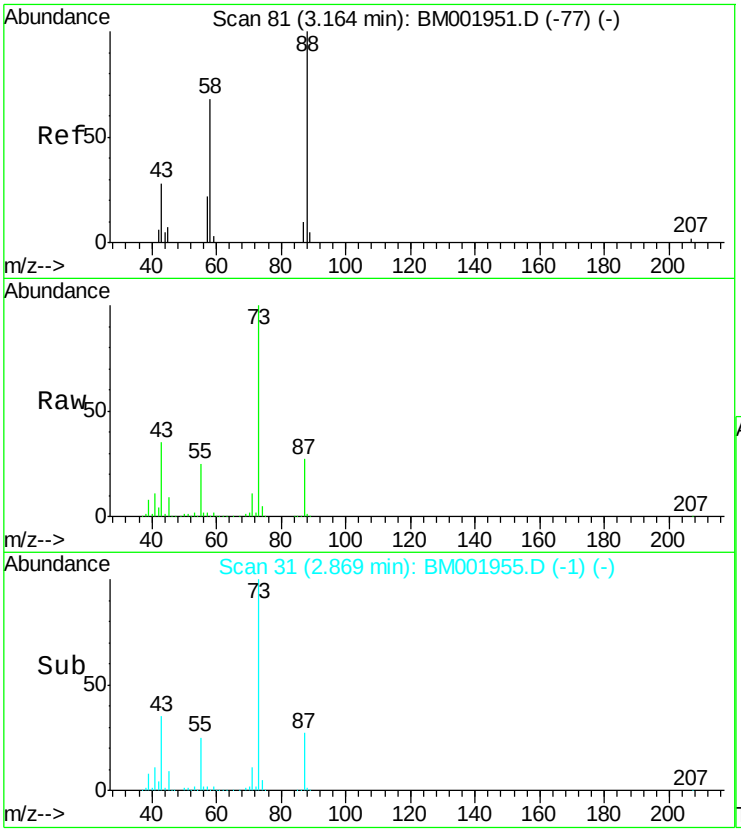
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001955.D
Acq On : 16 Jul 2015 20:32
Operator : TP/UM
Sample : G2998-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01F4

Quant Time: Jul 17 01:43:11 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



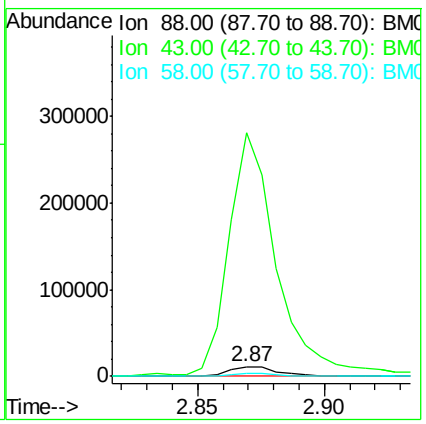


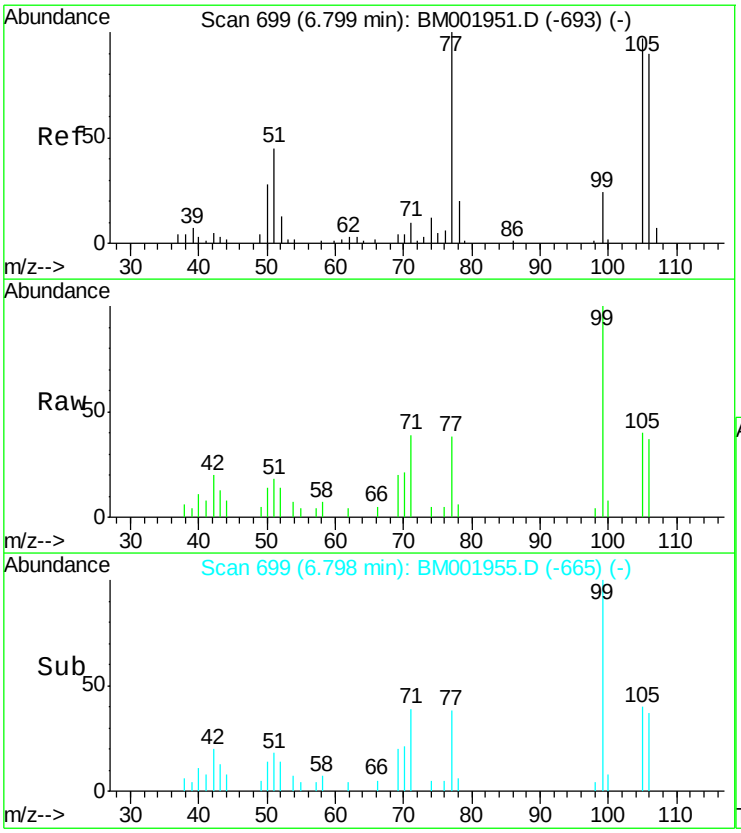
#2
1,4-Dioxane
Concen: 8.48 ng/uL
RT: 2.87 min Scan# 31
Delta R.T. -0.29 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion: 88 Resp: 15727

Ion	Ratio	Lower	Upper
88	100		
43	2407.1	22.1	33.1#
58	29.1	54.9	82.3#

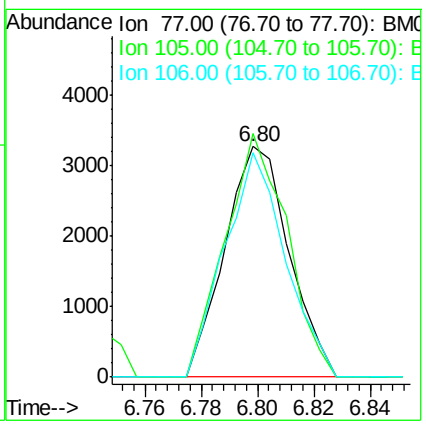


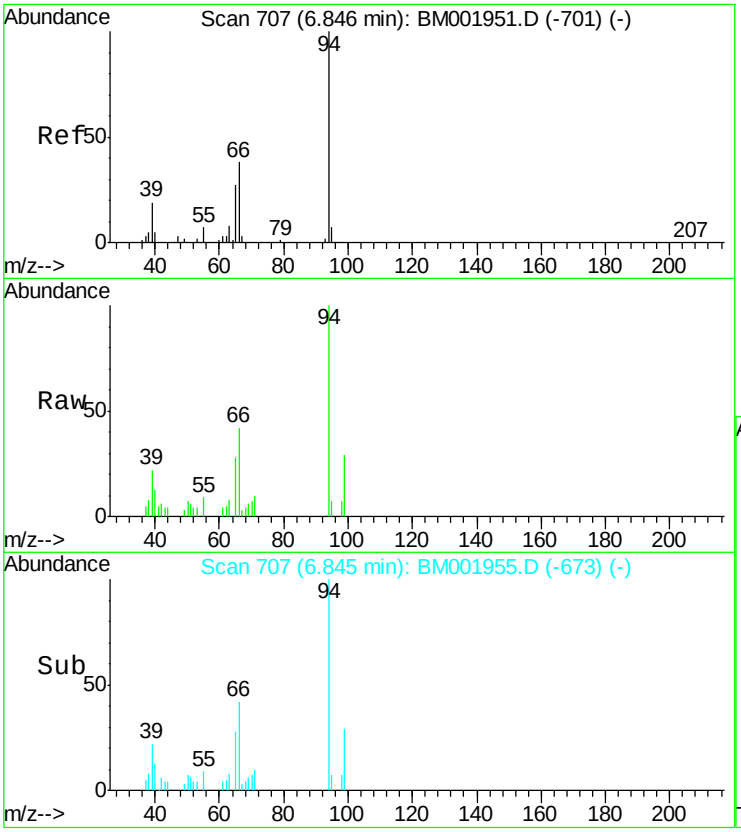


#4
Benzaldehyde
Concen: 1.52 ng/ul
RT: 6.80 min Scan# 699
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion: 77 Resp: 5163

Ion	Ratio	Lower	Upper
77	100		
105	105.6	77.1	115.7
106	97.5	73.1	109.7



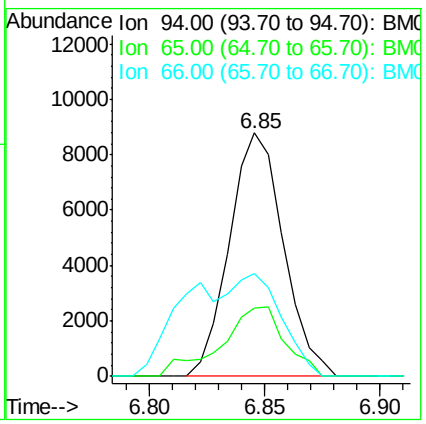


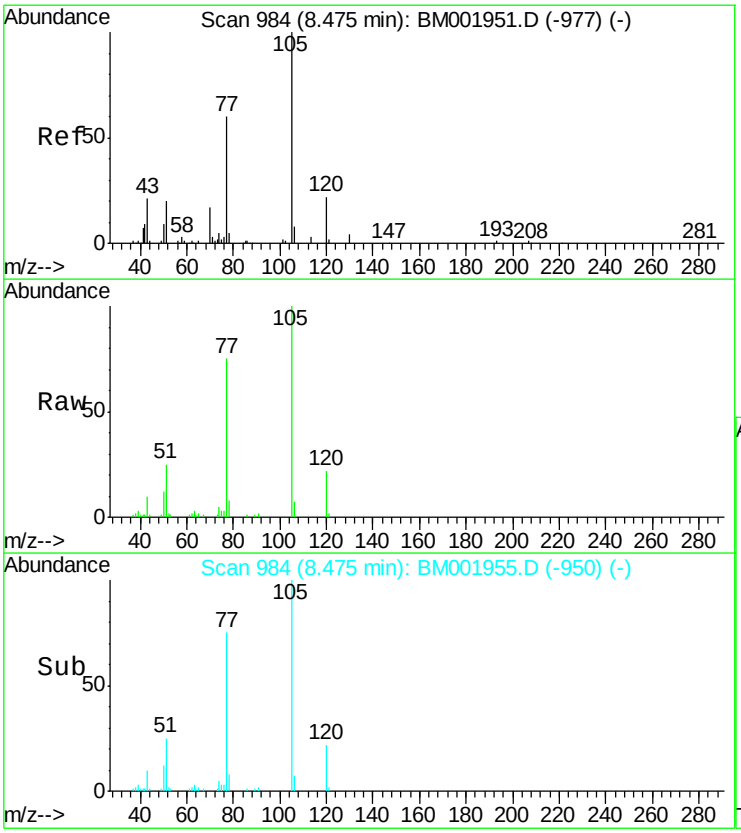
#6
Phenol
Concen: 1.98 ng/ul
RT: 6.85 min Scan# 707
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion: 94 Resp: 14346

Ion	Ratio	Lower	Upper
94	100		
65	28.1	23.6	35.4
66	42.0	33.0	49.6

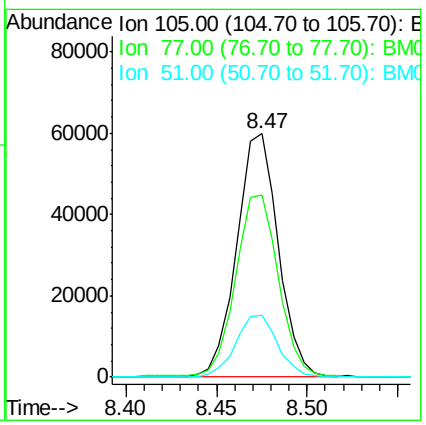


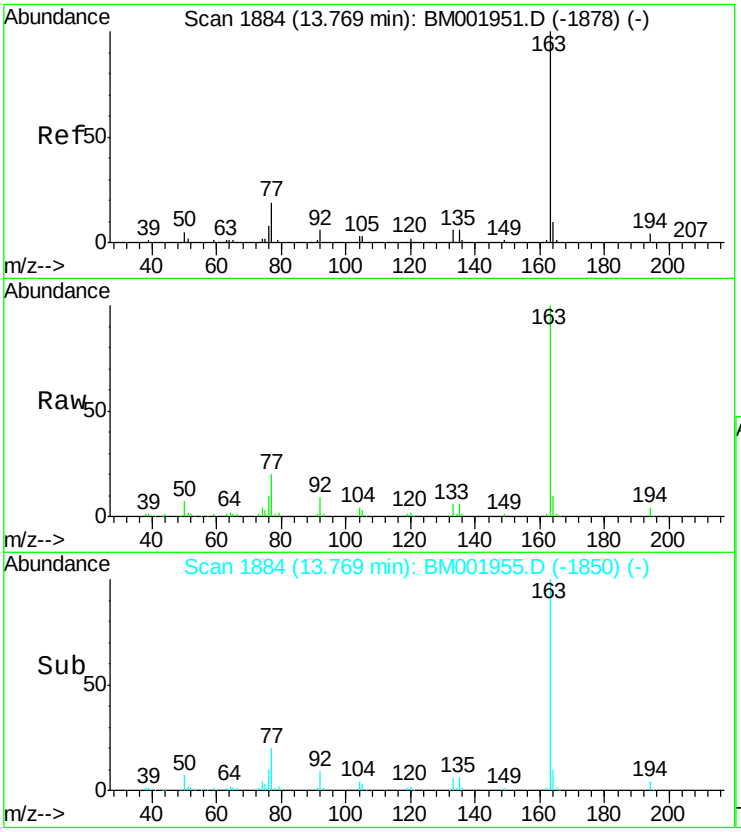


#14
Acetophenone
Concen: 10.49 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion:105 Resp: 95596

Ion	Ratio	Lower	Upper
105	100		
77	74.6	61.7	92.5
51	25.4	20.2	30.4



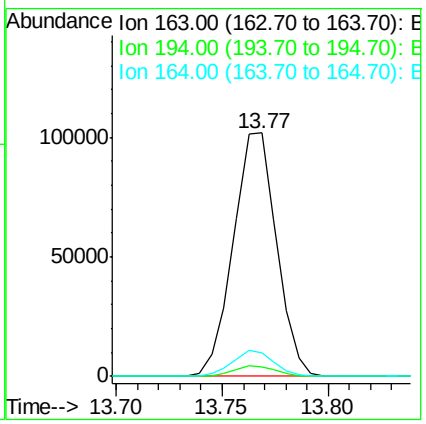


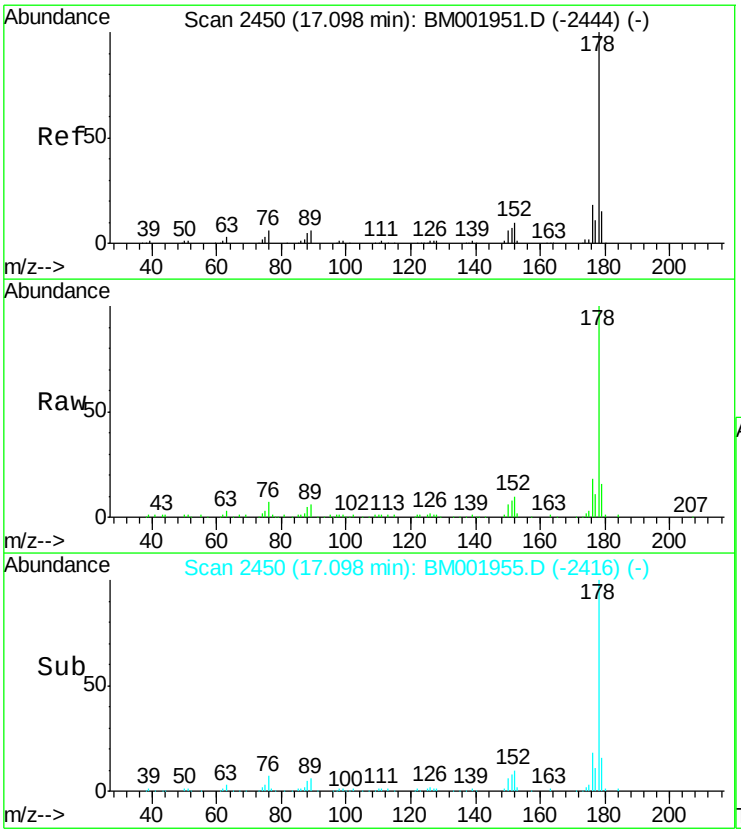
#44
Dimethylphthalate
Concen: 7.90 ng/ul
RT: 13.77 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion:163 Resp: 144988

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.7	7.6	11.4

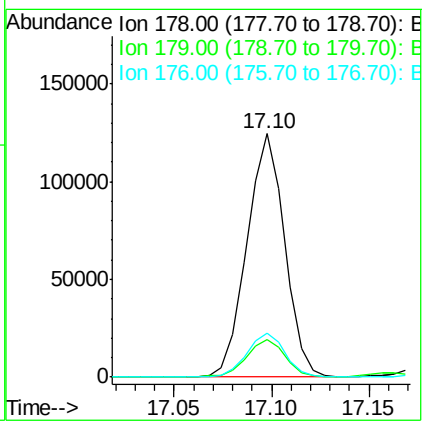


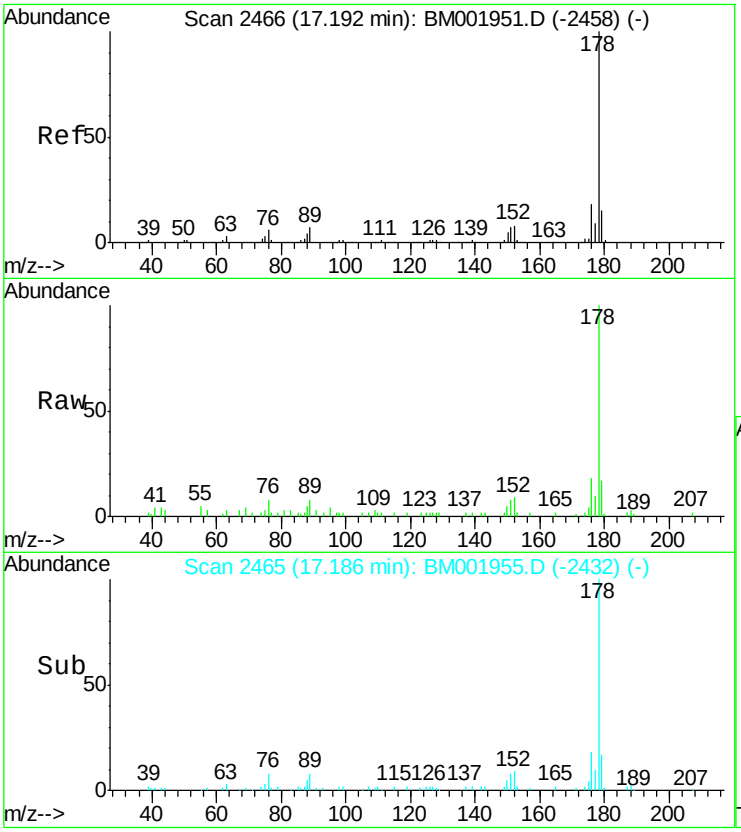


#69
Phenanthrene
Concen: 6.02 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion:178 Resp: 166974

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.1	14.5	21.7



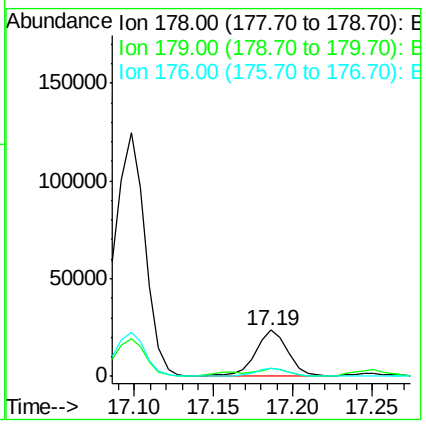


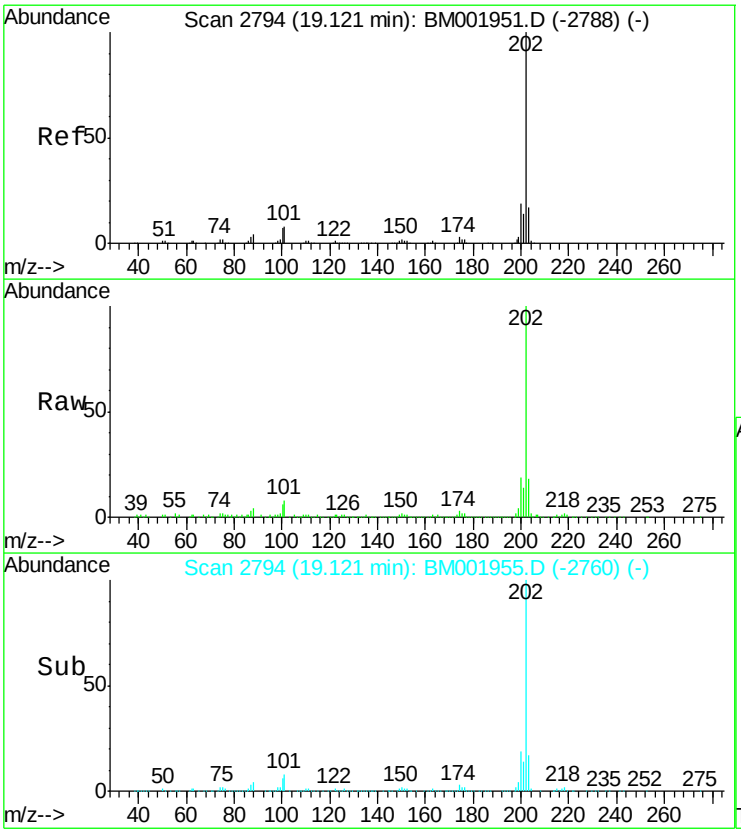
#71
Anthracene
Concen: 1.20 ng/ul
RT: 17.19 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion:178 Resp: 34231

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.4	18.6
176	17.5	14.2	21.4

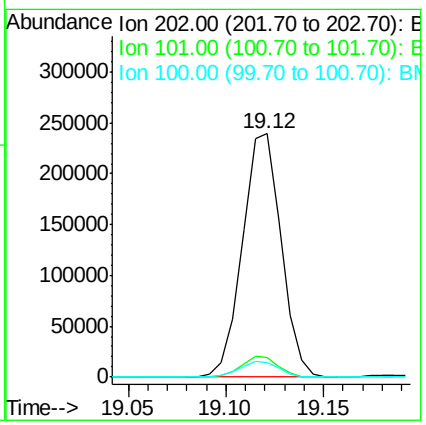


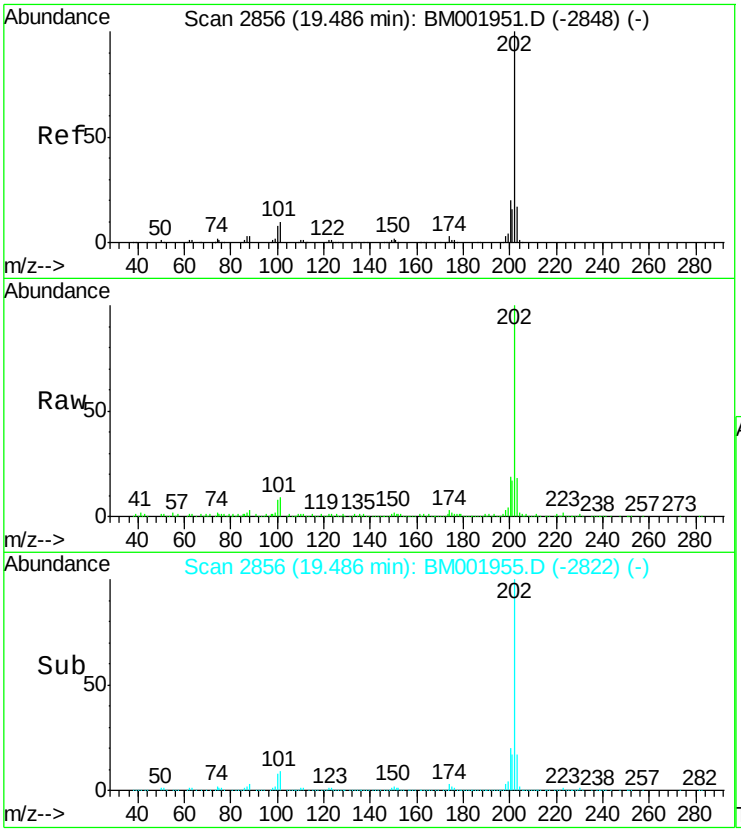


#76
Fluoranthene
Concen: 10.08 ng/ul
RT: 19.12 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion:202 Resp: 327039

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.6	9.8
100	6.1	5.2	7.8



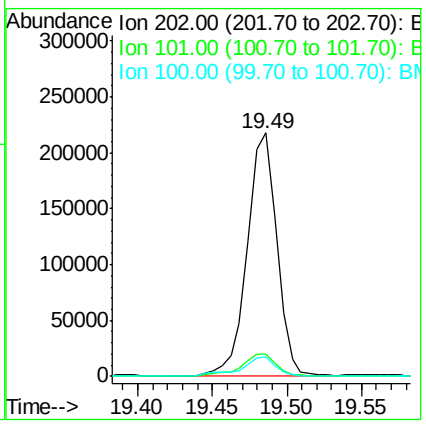


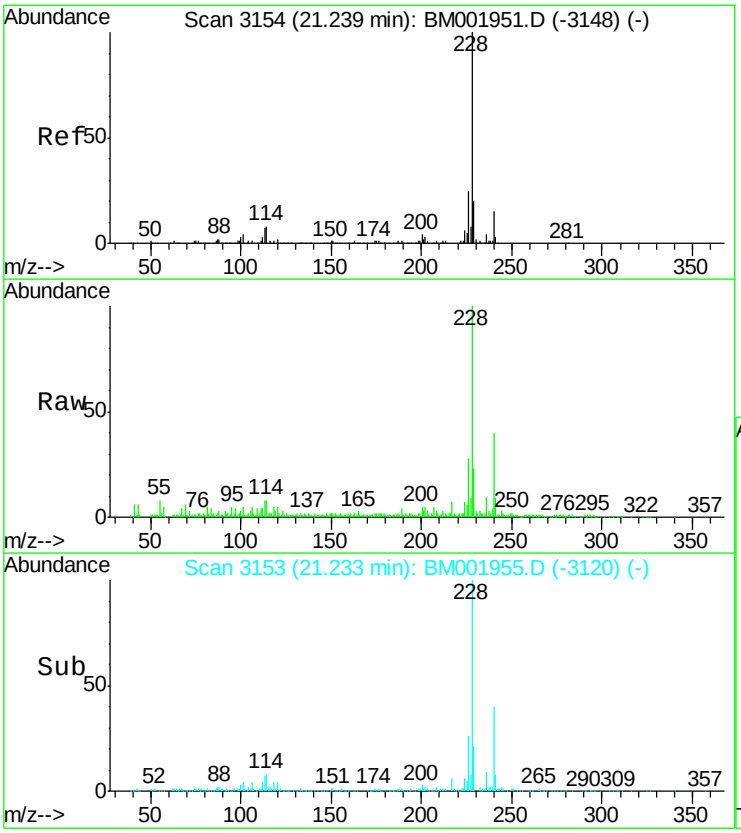
#79
Pyrene
Concen: 9.11 ng/ul
RT: 19.49 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion:202 Resp: 297996

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.4	11.0
100	8.0	5.9	8.9

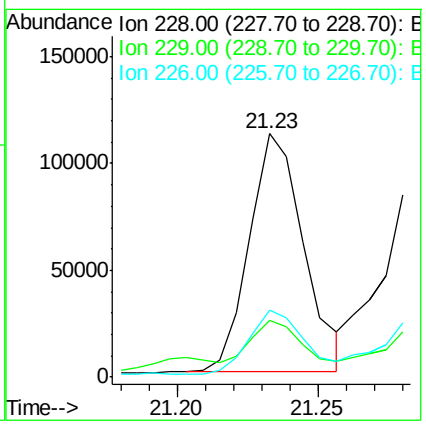


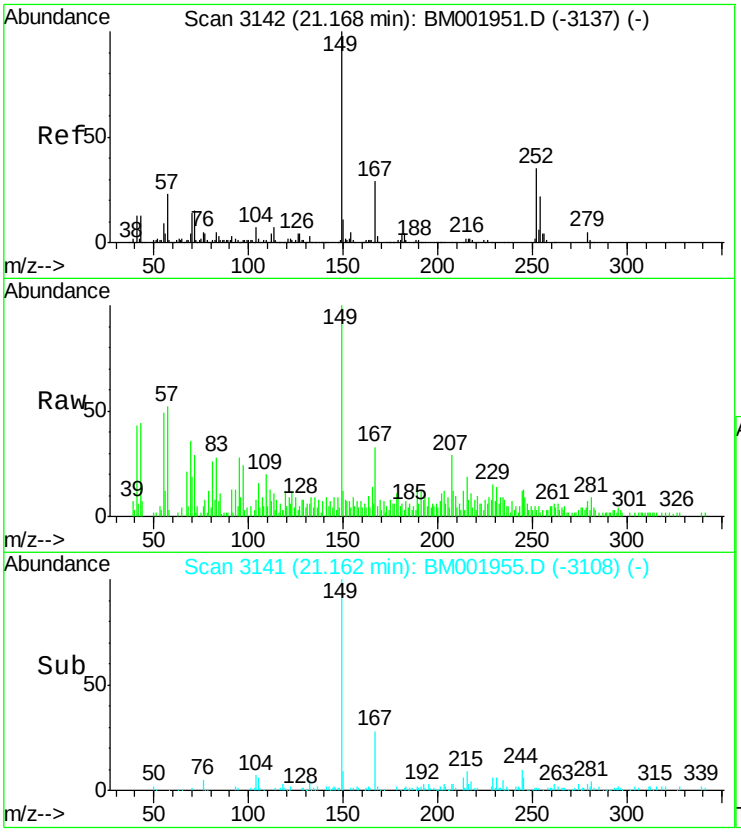


#82
Benzo(a)anthracene
Concen: 4.58 ng/ul
RT: 21.23 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion:228 Resp: 148960

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.2	22.8#
226	27.6	20.8	31.2



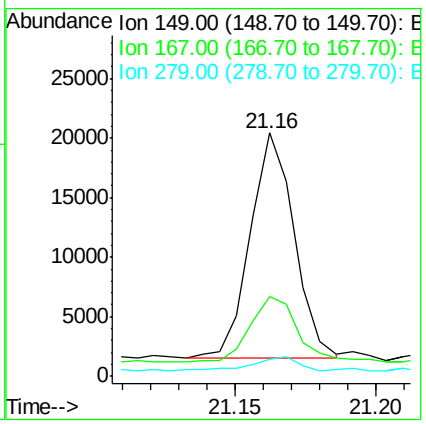


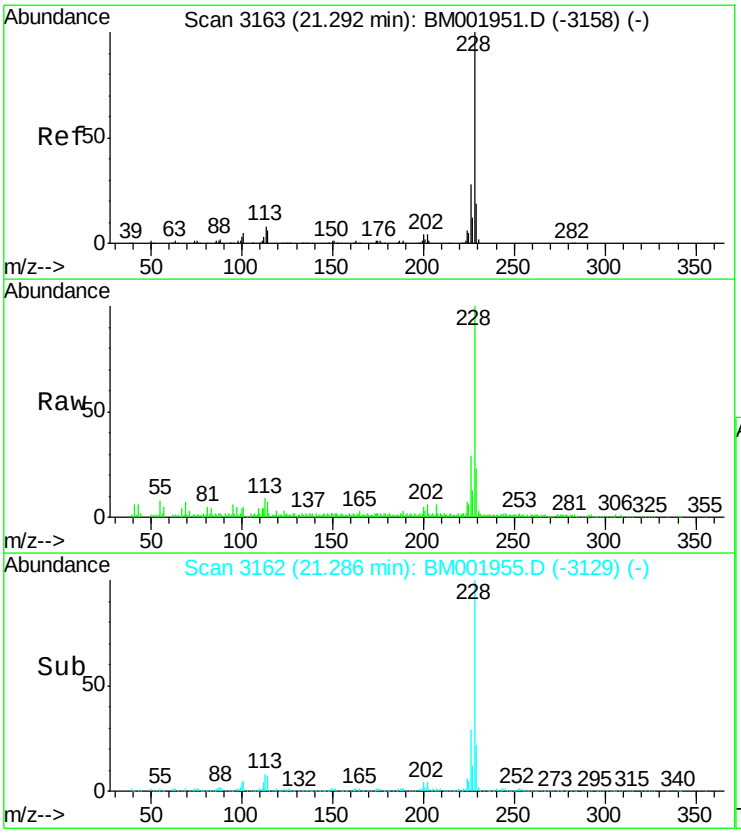
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.12 ng/ul
RT: 21.16 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion:149 Resp: 20383

Ion	Ratio	Lower	Upper
149	100		
167	32.8	23.4	35.0
279	7.1	4.0	6.0#

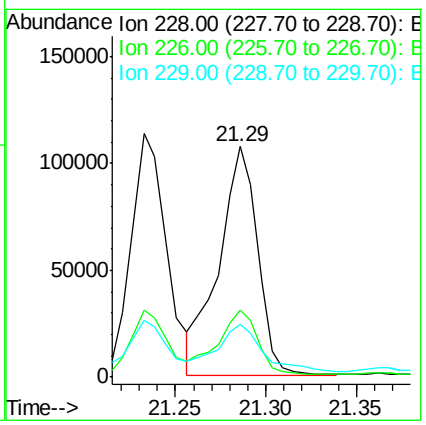


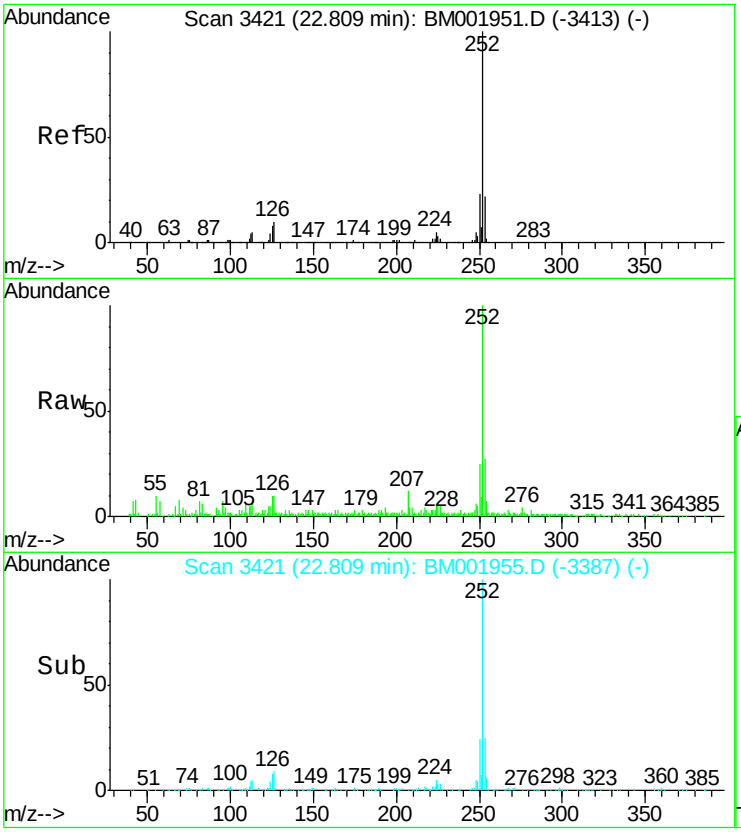


#84
Chrysene
Concen: 5.24 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion:228 Resp: 159691

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	22.8	15.4	23.0



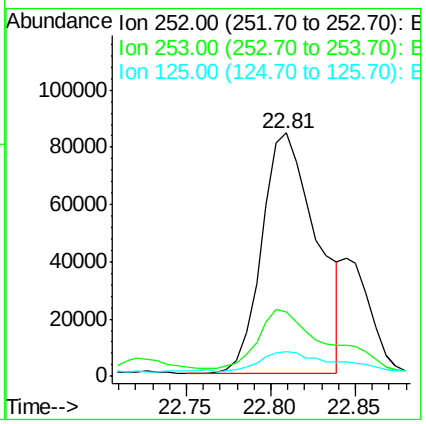


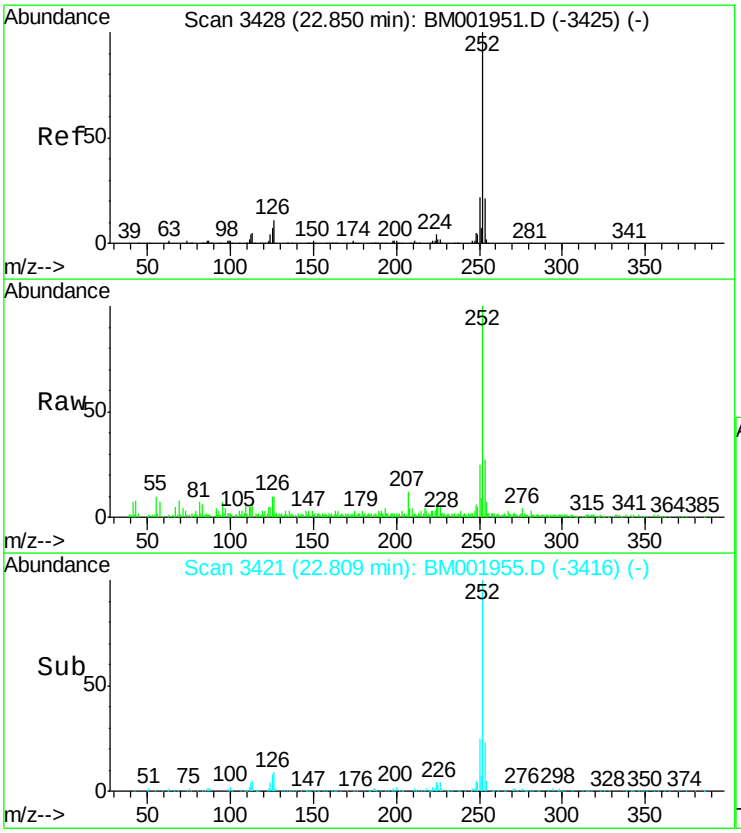
#87
Benzo(b)fluoranthene
Concen: 6.80 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion:252 Resp: 188875

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.6	26.4#
125	10.1	6.1	9.1#

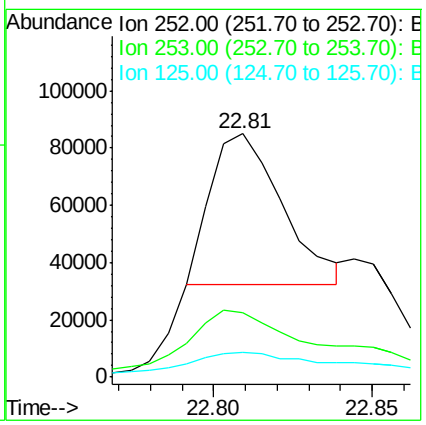


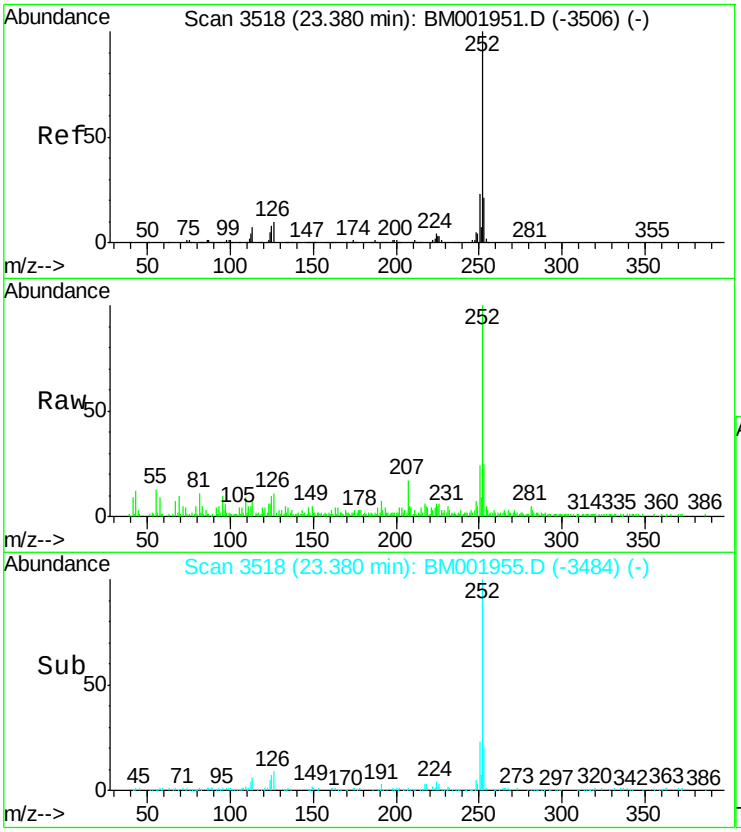


#88
Benzo(k)fluoranthene
Concen: 3.08 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.04 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion:252 Resp: 82311

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.1	25.7#
125	10.1	5.6	8.4#



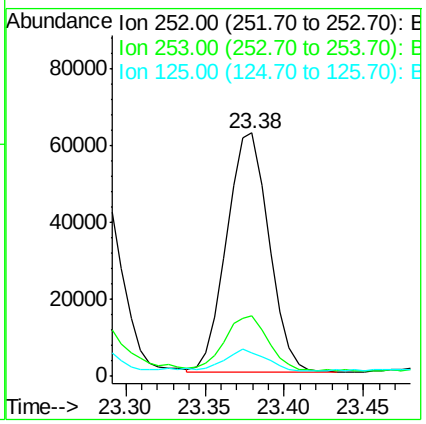


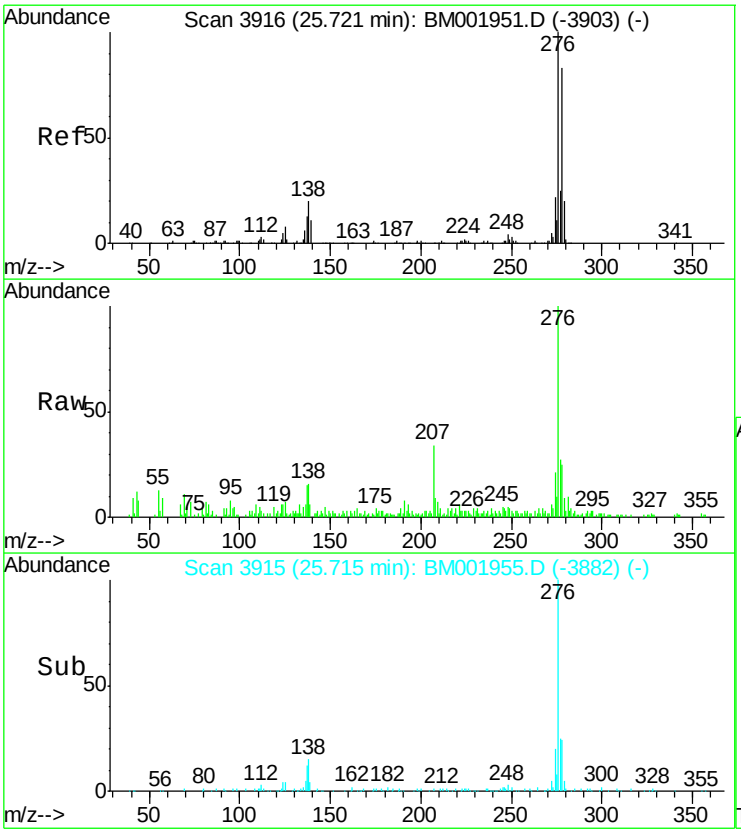
#90
Benzo(a)pyrene
Concen: 4.43 ng/ul
RT: 23.38 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion:252 Resp: 115666

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	9.8	6.4	9.6#

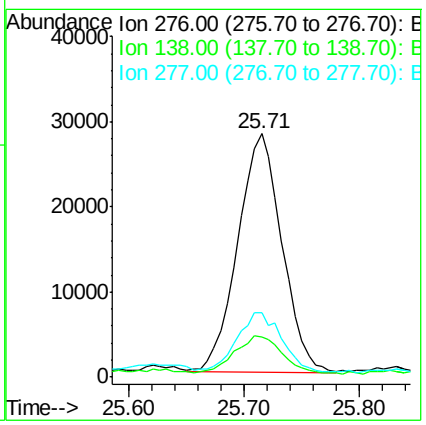


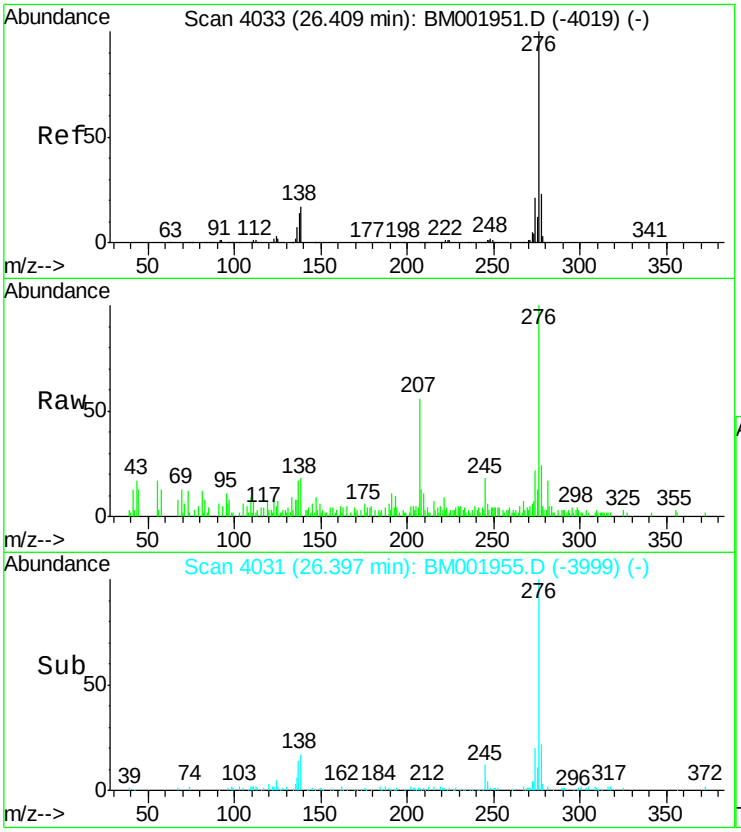


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.72 ng/ul
RT: 25.71 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Tgt Ion:276 Resp: 74442

Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.4	23.0
277	26.5	19.9	29.9





#93
Benzo(g,h,i)perylene
Concen: 2.44 ng/ul
RT: 26.40 min Scan# 4031
Delta R.T. -0.01 min
Lab File: BM001955.D
Acq: 16 Jul 2015 20:32

Instrument :
BNA_M
ClientSampleId :
C01F4

Tgt Ion:276 Resp: 54840

Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.3	19.9
277	24.5	18.6	27.8