Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012766.D
Acq On : 06 Nov 2017 07:34
Operator : SJ/JU
Sample : I5902-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-65(1.5-2.7)-101317

Quant Time: Nov 07 03:16:08 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	191084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	789397	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	487157	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	1050974	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	861385	20.00	ng/ul	0.01
85) Perylene-d12	23.68	264	945527	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	17196	4.86	ng/uL	0.00
5) Phenol-d5	7.00	99	405007	28.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	222275	28.85	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	352950	29.80	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	338589	27.59	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	178186	30.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	201620	30.21	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	405888	29.67	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	270179	20.46	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	1209699	30.01	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	1522667	30.54	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	149178	23.09	ng/ul	0.02
57) Fluorene-d10	15.45	176	1053493	30.51	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	23746	3.42	ng/ul	0.02
70) Anthracene-d10	17.30	188	1500977	29.56	ng/ul	0.01
78) Pyrene-d10	19.60	212	1372152	34.33	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	1362054	30.47	ng/ul	0.03
Target Compounds						Qvalue
4) Benzaldehyde	6.96	77	8810	1.17	ng/ul#	56
6) Phenol	7.02	94	74899	5.13	ng/ul	95
44) Dimethylphthalate	13.92	163	669693	16.74	ng/ul	100
60) 4-Nitroaniline	15.53	138	13061	1.66	ng/ul	96
69) Phenanthrene	17.24	178	194815	3.39	ng/ul	98
71) Anthracene	17.34	178	63106	1.06	ng/ul	97
75) Di-n-butylphthalate	18.17	149	1127867	19.38	ng/ul	99
76) Fluoranthene	19.26	202	226833	3.29	ng/ul#	94
79) Pyrene	19.63	202	211085	4.11	ng/ul#	90
82) Benzo(a)anthracene	21.37	228	170456	3.27	ng/ul	94
84) Chrysene	21.37	228	170456	3.61	ng/ul	96
87) Benzo(b)fluoranthene	22.99	252	337993	5.85	ng/ul	97
88) Benzo(k)fluoranthene	22.99	252	337993	6.15	ng/ul	97
90) Benzo(a)pyrene	23.58	252	256129	4.66	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	26.00	276	220849	3.33	ng/ul#	85
93) Benzo(g,h,i)perylene	26.72	276	207688	3.80	ng/ul#	92

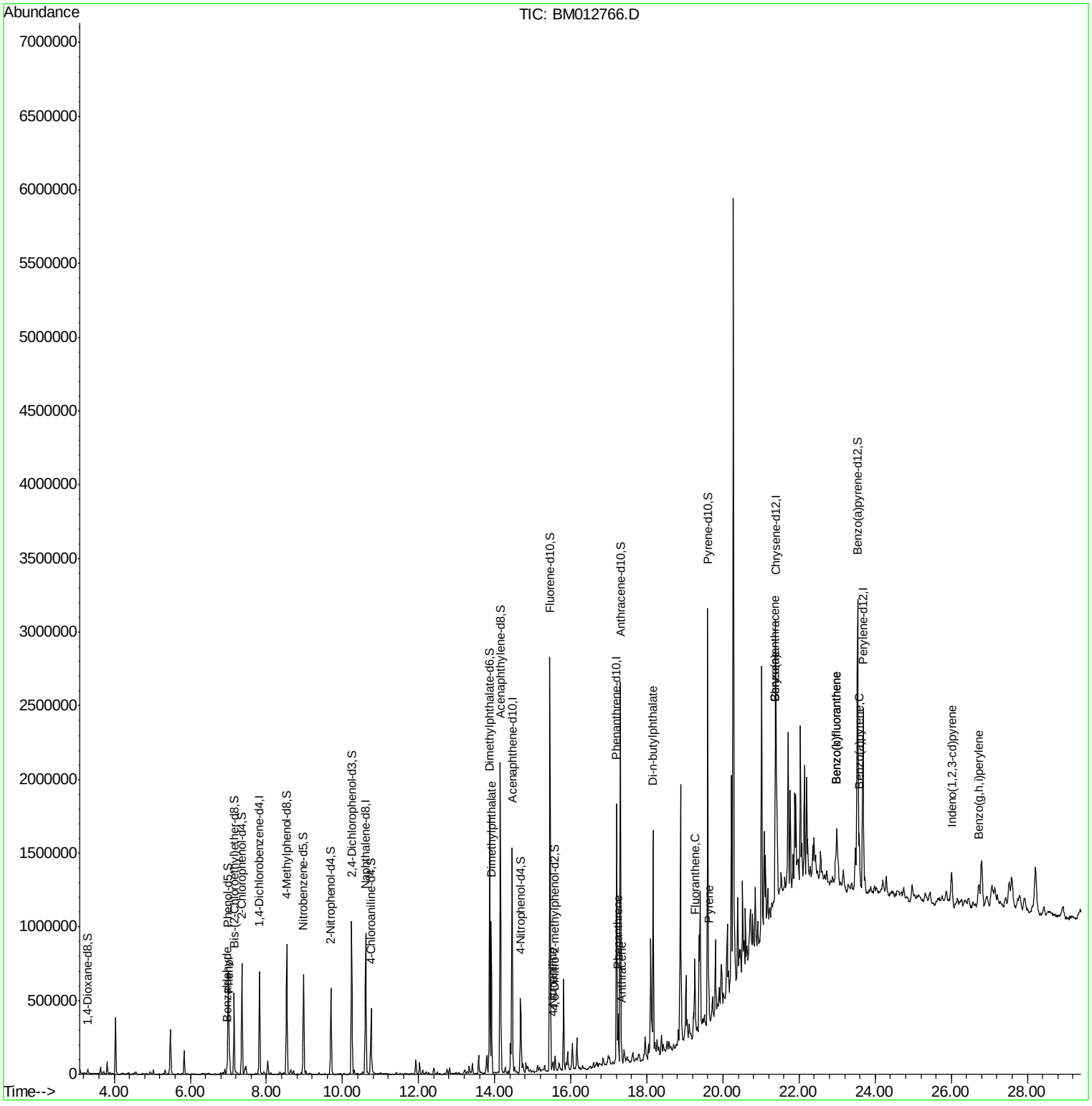
(#) = qualifier out of range (m) = manual integration (+) = signals summed

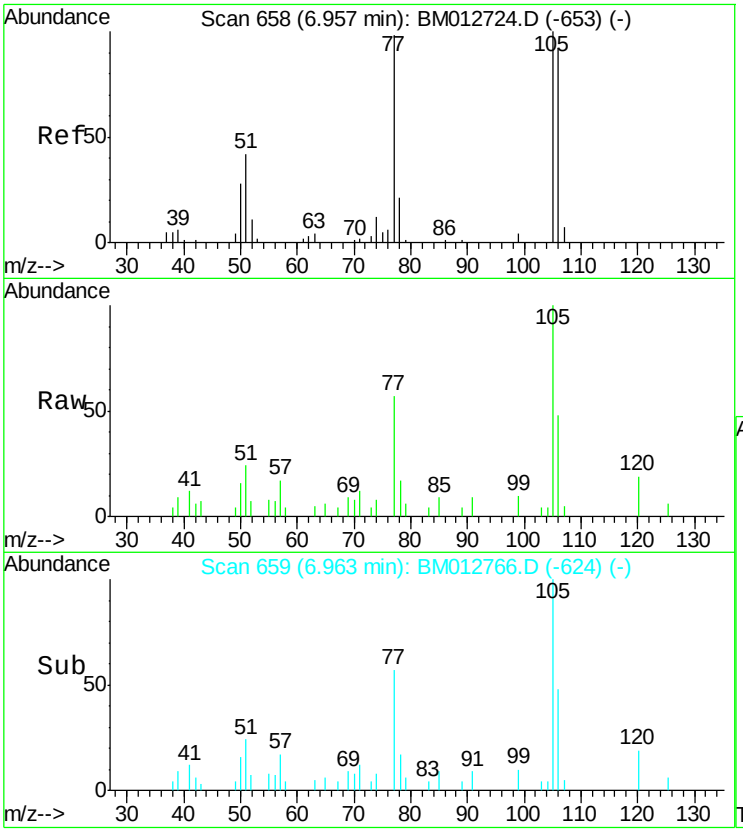
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012766.D
Acq On : 06 Nov 2017 07:34
Operator : SJ/JU
Sample : I5902-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Quant Time: Nov 07 03:16:08 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration



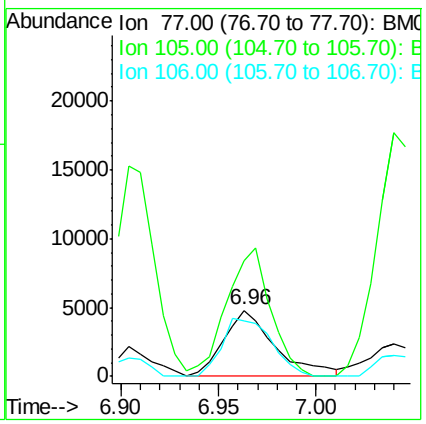


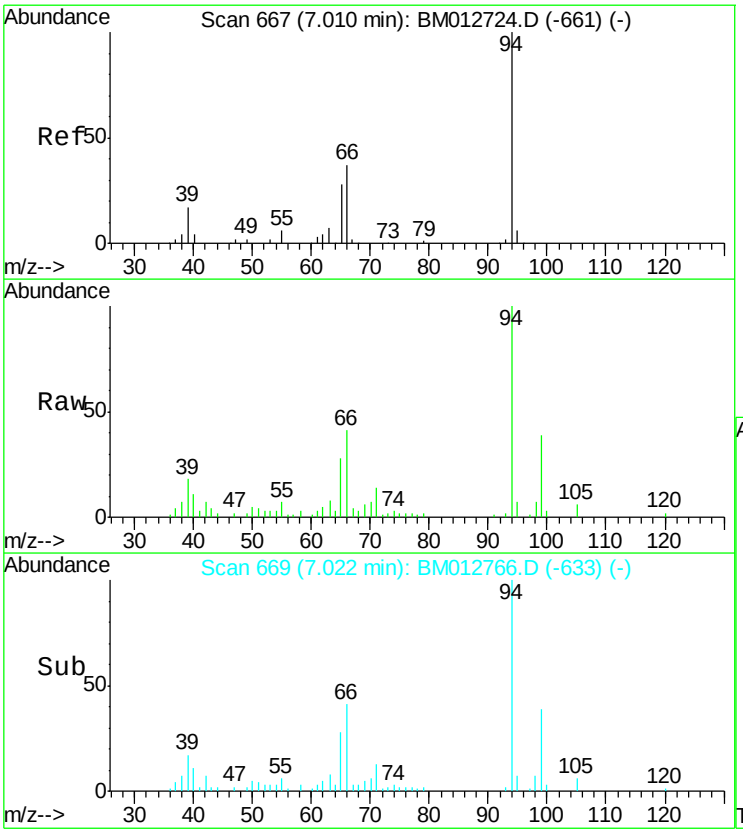
#4
Benzaldehyde
Concen: 1.17 ng/ul
RT: 6.96 min Scan# 659
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Tgt Ion: 77 Resp: 8810

Ion	Ratio	Lower	Upper
77	100		
105	174.3	80.6	120.8#
106	83.0	77.7	116.5

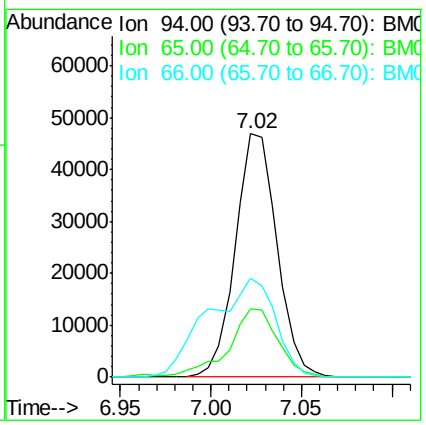


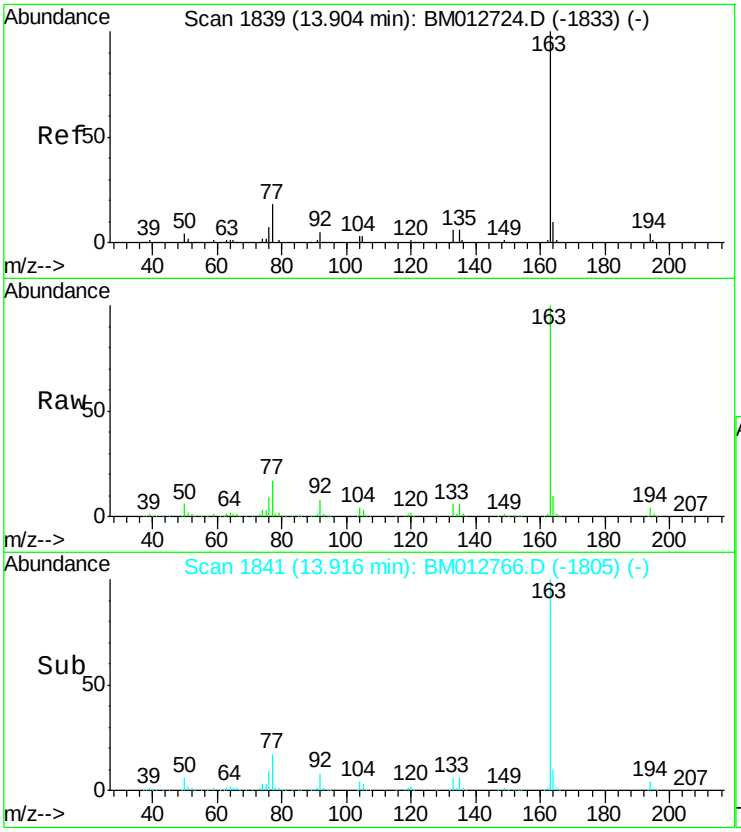


#6
Phenol
Concen: 5.13 ng/ul
RT: 7.02 min Scan# 669
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Tgt Ion: 94 Resp: 74899

Ion	Ratio	Lower	Upper
94	100		
65	27.8	21.0	31.6
66	40.9	29.3	43.9



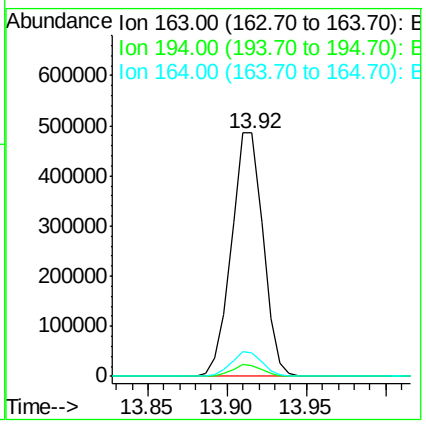


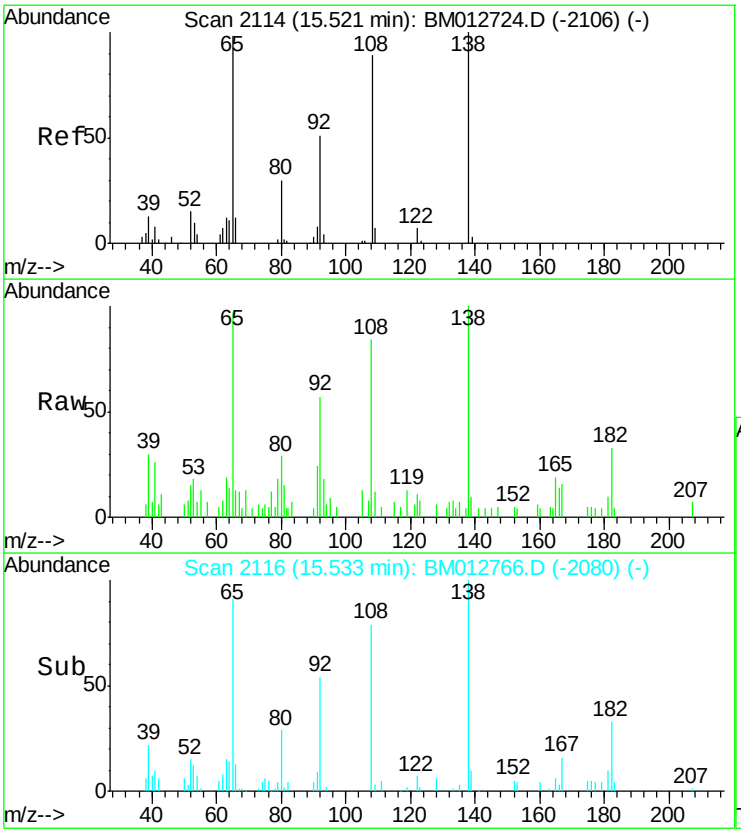
#44
Dimethylphthalate
Concen: 16.74 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Tgt Ion:163 Resp: 669693

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	9.8	7.8	11.8

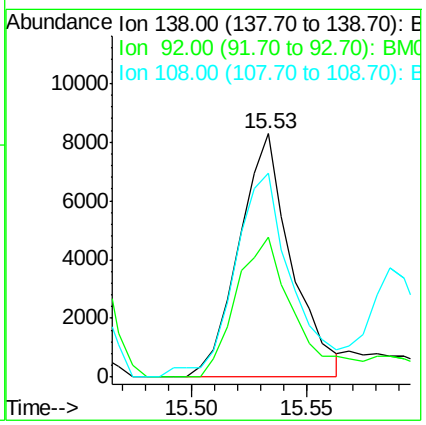


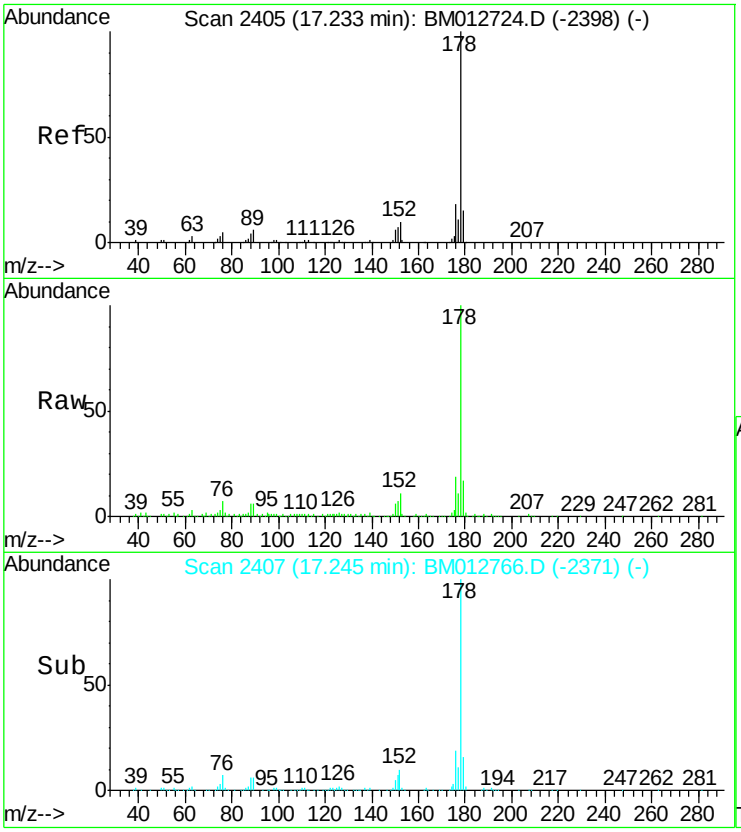


#60
4-Nitroaniline
Concen: 1.66 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Tgt Ion:138 Resp: 13061

Ion	Ratio	Lower	Upper
138	100		
92	57.5	40.6	60.8
108	83.6	67.0	100.6



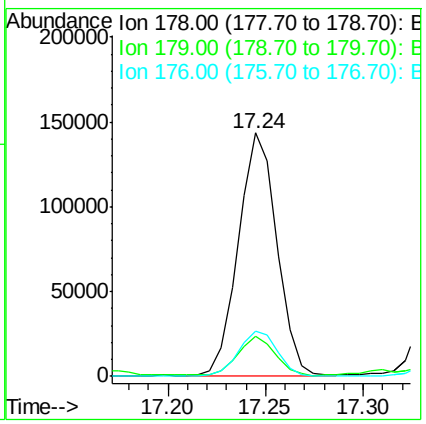


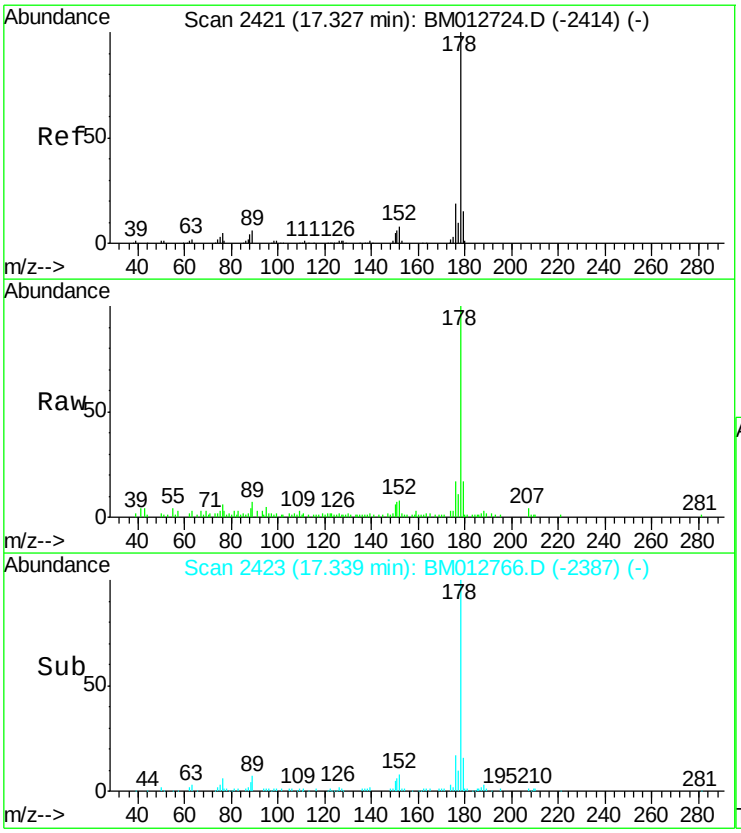
#69
Phenanthrene
Concen: 3.39 ng/ul
RT: 17.24 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Tgt Ion:178 Resp: 194815

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	18.7	15.6	23.4

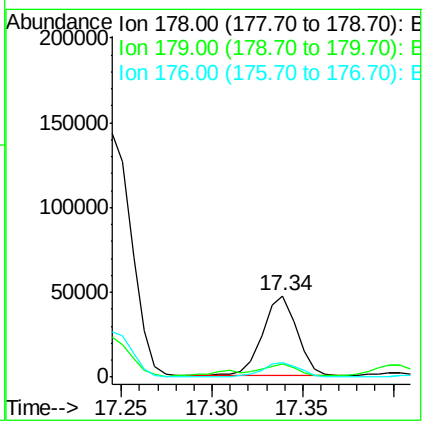


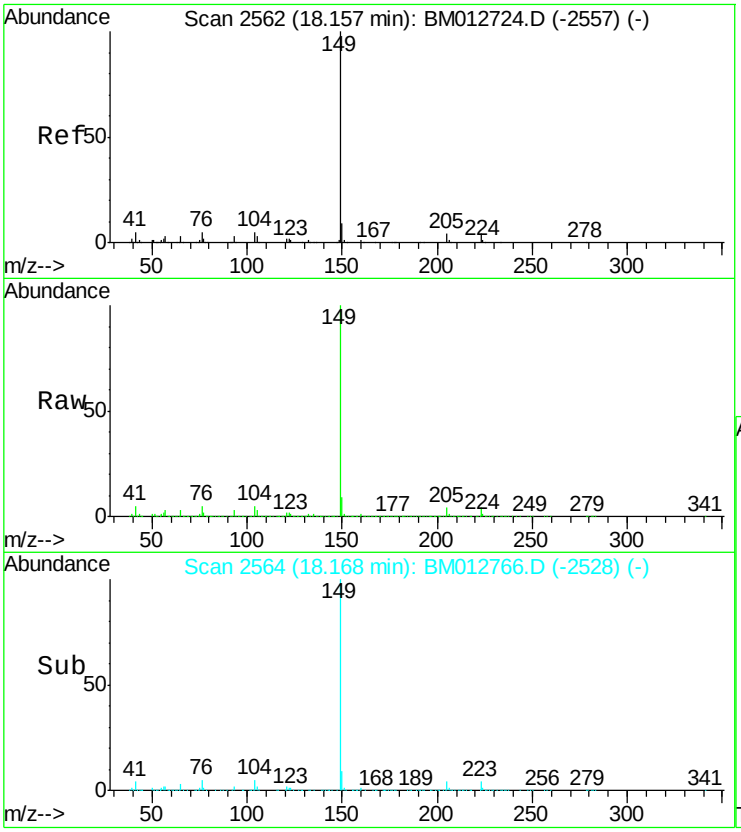


#71
Anthracene
Concen: 1.06 ng/ul
RT: 17.34 min Scan# 2423
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Tgt Ion:178 Resp: 63106

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.1	18.1
176	17.5	14.8	22.2



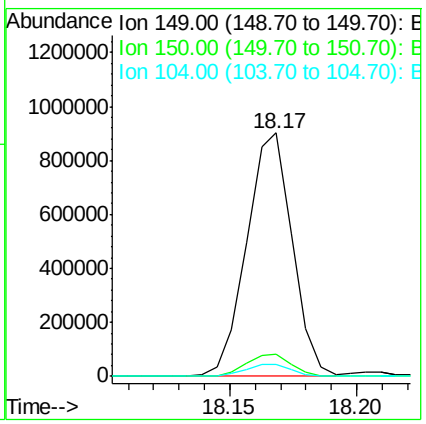


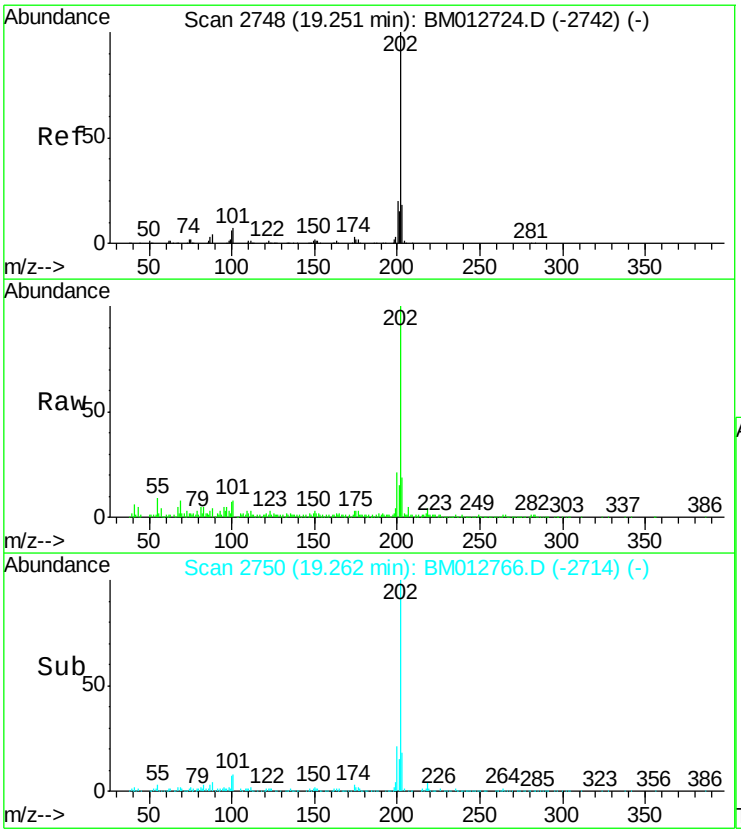
#75
Di-n-butylphthalate
Concen: 19.38 ng/ul
RT: 18.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Tgt Ion:149 Resp: 1127867

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.9	4.0	6.0

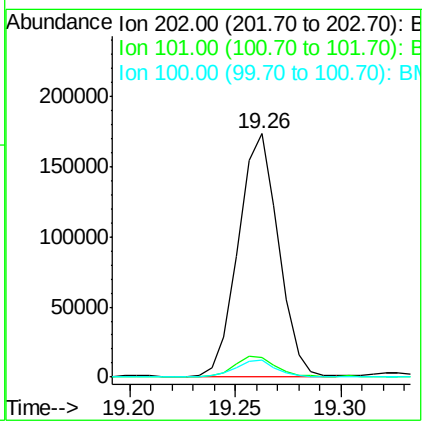


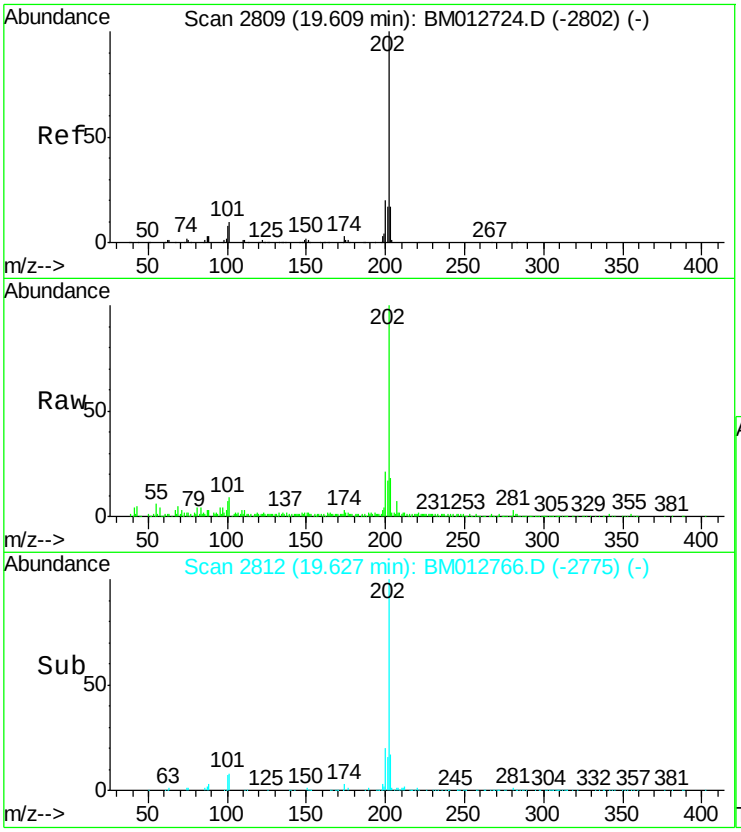


#76
Fluoranthene
Concen: 3.29 ng/ul
RT: 19.26 min Scan# 2750
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Tgt Ion:202 Resp: 226833

Ion	Ratio	Lower	Upper
202	100		
101	8.0	8.8	13.2#
100	6.8	6.6	9.8



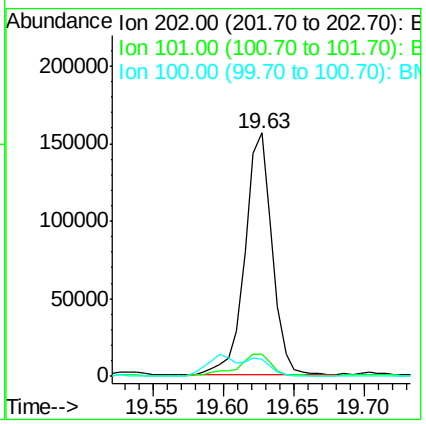


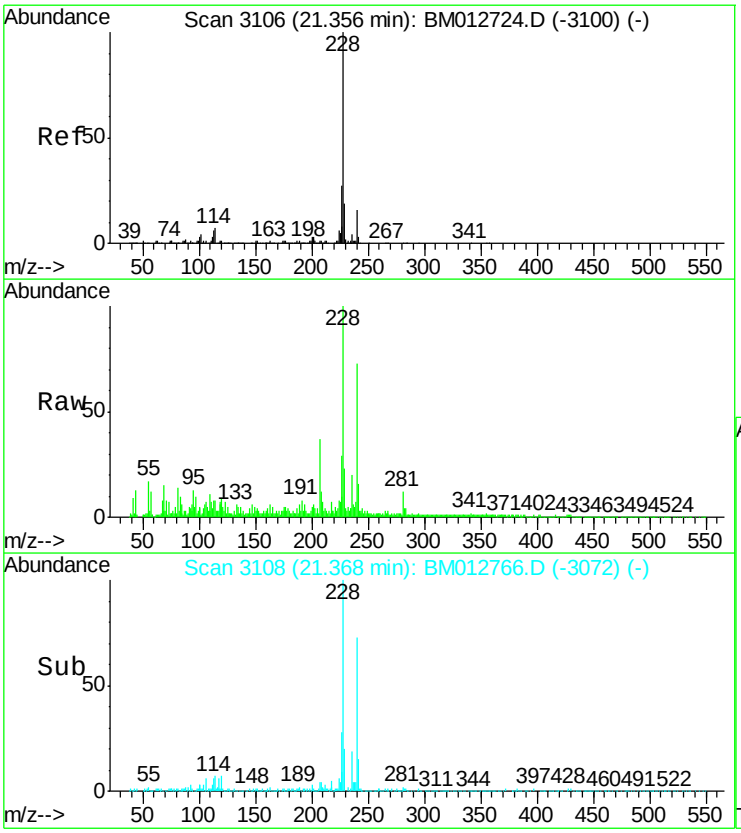
#79
Pyrene
Concen: 4.11 ng/ul
RT: 19.63 min Scan# 2812
Delta R.T. 0.02 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Tgt Ion:202 Resp: 211085

Ion	Ratio	Lower	Upper
202	100		
101	9.0	10.2	15.2#
100	6.9	8.5	12.7#

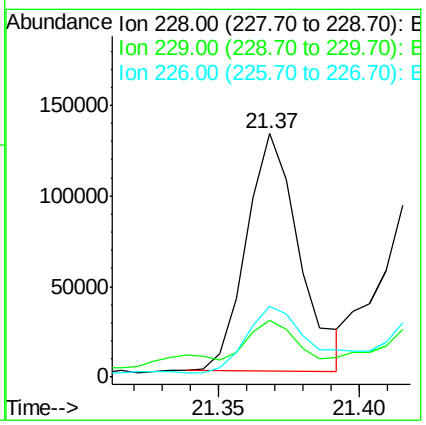


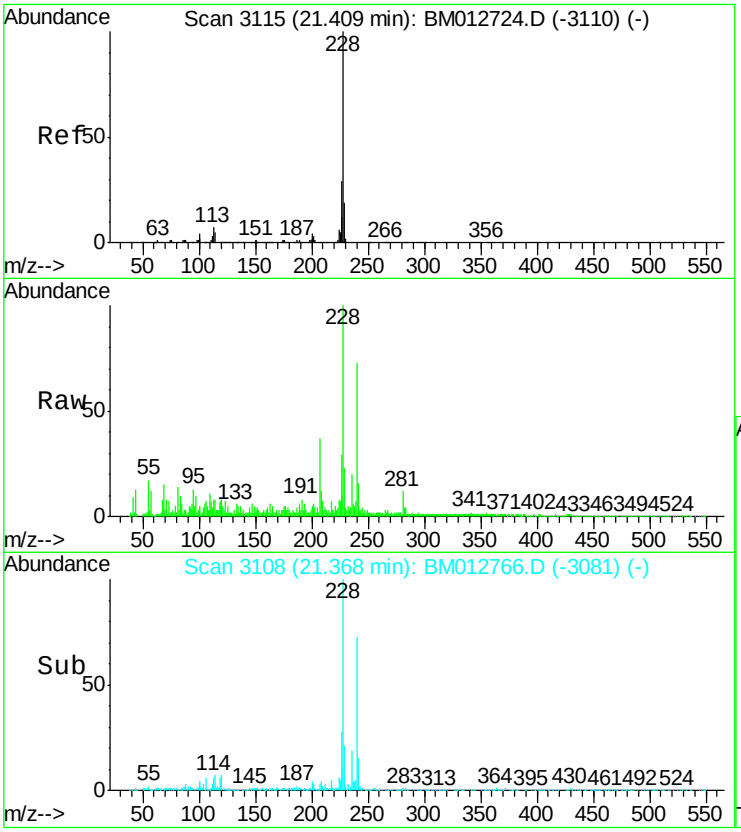


#82
Benzo(a)anthracene
Concen: 3.27 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Tgt Ion:228 Resp: 170456

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.7	23.5
226	29.1	21.8	32.6



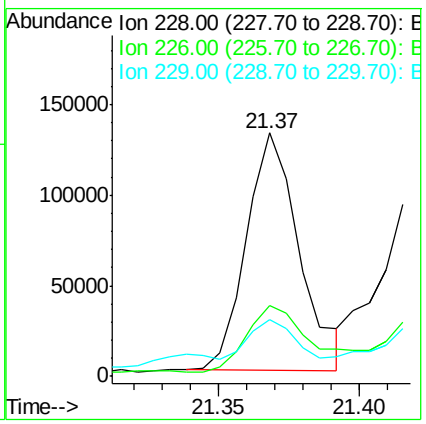


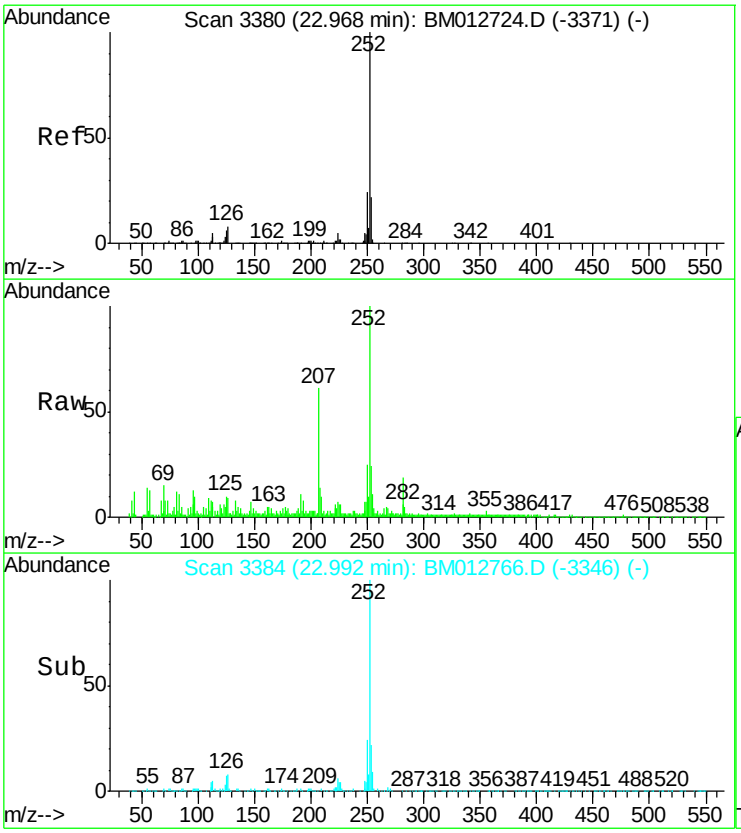
#84
Chrysene
Concen: 3.61 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. -0.04 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Tgt Ion:228 Resp: 170456

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	23.4	15.6	23.4

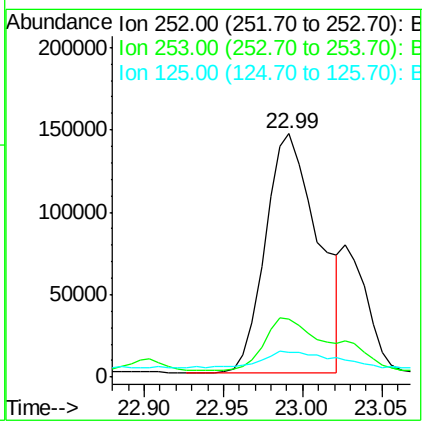


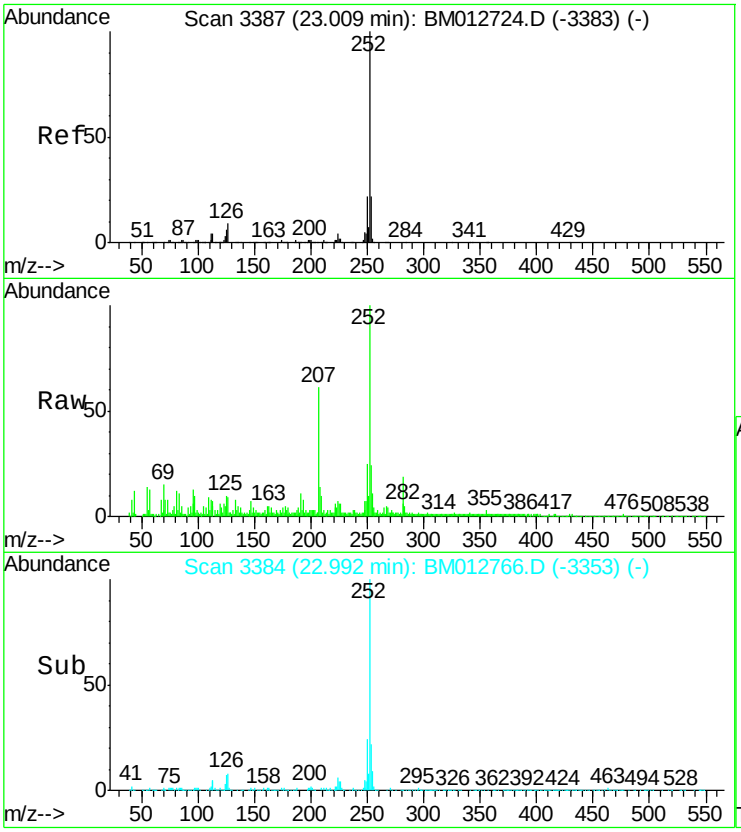


#87
Benzo(b)fluoranthene
Concen: 5.85 ng/ul
RT: 22.99 min Scan# 3384
Delta R.T. 0.02 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Tgt Ion:252 Resp: 337993

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	10.4	8.5	12.7



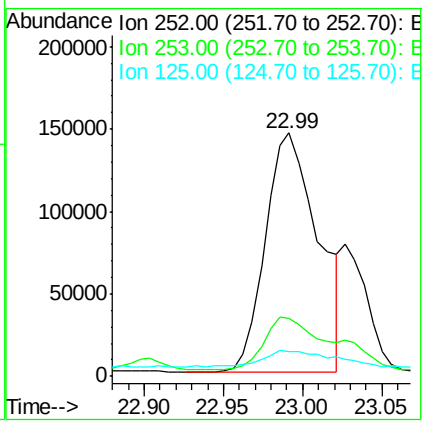


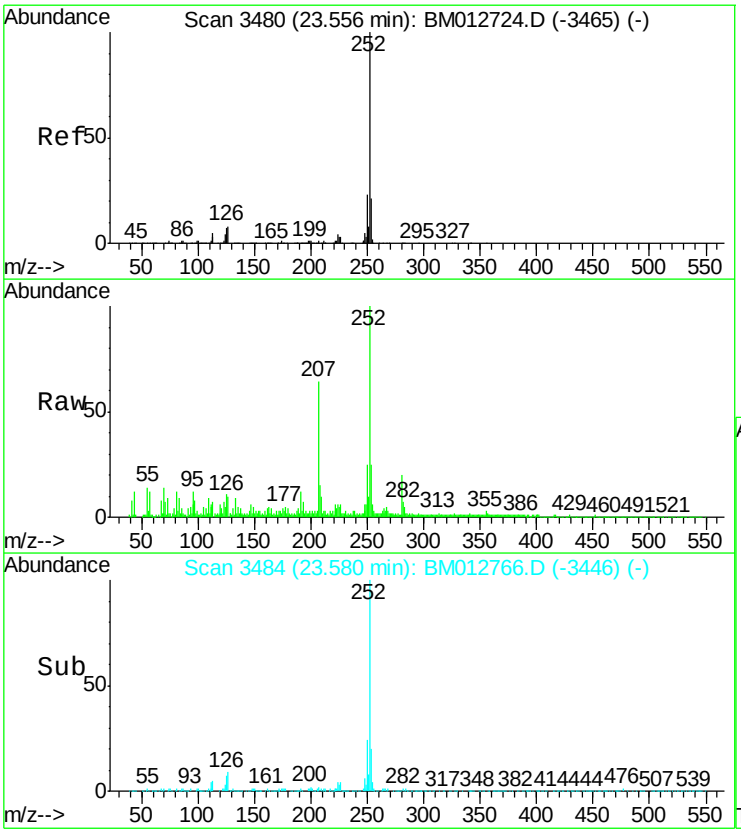
#88
Benzo(k)fluoranthene
Concen: 6.15 ng/ul
RT: 22.99 min Scan# 3384
Delta R.T. -0.02 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Tgt Ion:252 Resp: 337993

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	10.4	8.2	12.2

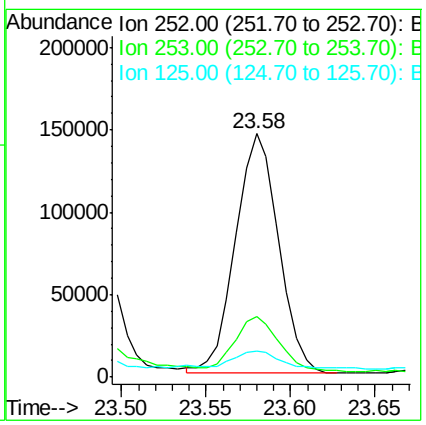


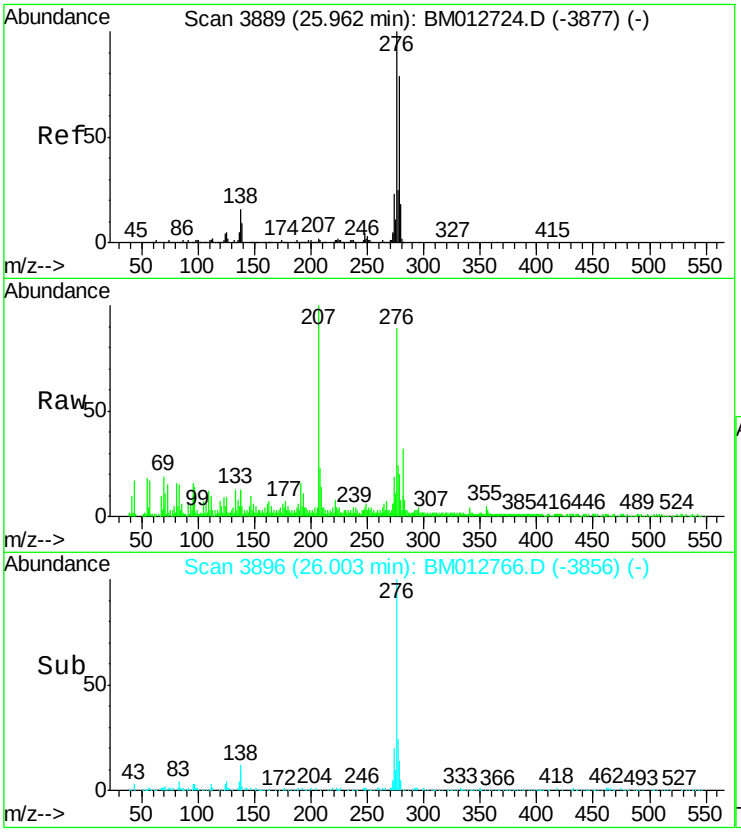


#90
Benzo(a)pyrene
Concen: 4.66 ng/ul
RT: 23.58 min Scan# 3484
Delta R.T. 0.02 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Tgt Ion:252 Resp: 256129

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	10.6	9.0	13.6



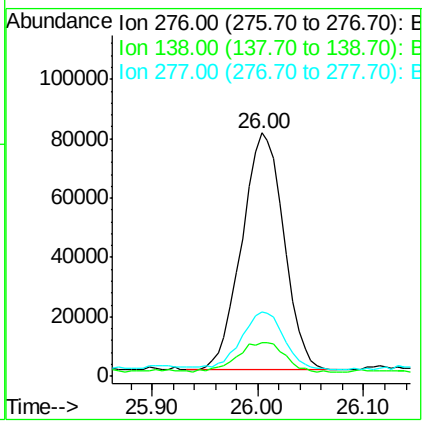


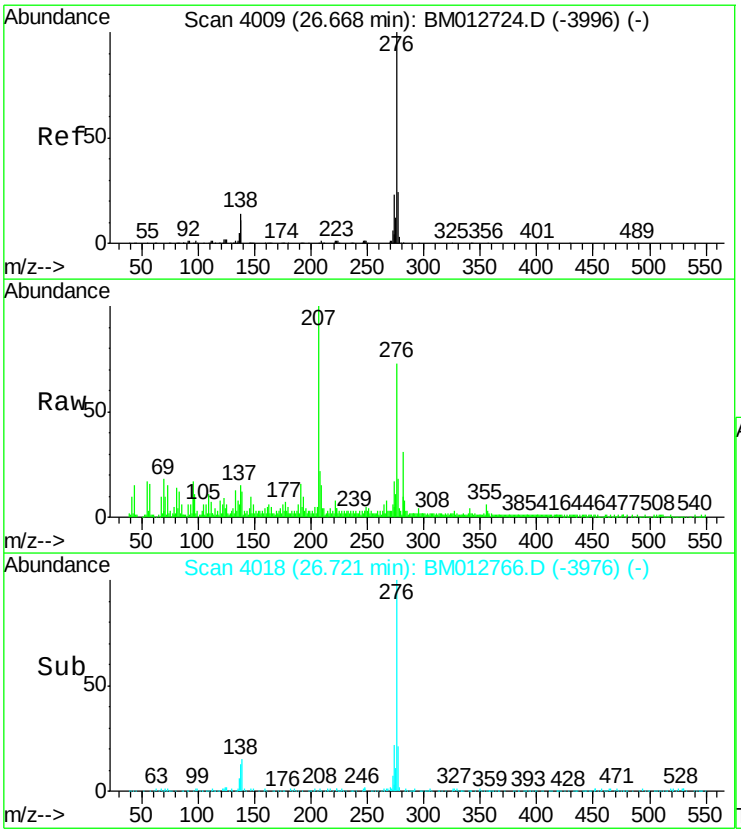
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.33 ng/ul
RT: 26.00 min Scan# 3896
Delta R.T. 0.04 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Instrument :
BNA_M
ClientSampleId :
B-65(1.5-2.7)-101317

Tgt Ion:276 Resp: 220849

Ion	Ratio	Lower	Upper
276	100		
138	13.7	22.3	33.5#
277	26.4	20.2	30.2





#93
Benzo(g,h,i)perylene
Concen: 3.80 ng/ul
RT: 26.72 min Scan# 4018
Delta R.T. 0.05 min
Lab File: BM012766.D
Acq: 06 Nov 2017 07:34

Tgt Ion:276 Resp: 207688

Ion	Ratio	Lower	Upper
276	100		
138	16.1	18.9	28.3#
277	24.6	19.2	28.8