Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
Data File : BM004659.D
Acq On : 17 Mar 2016 10:41
Operator : UM/SJ
Sample : H1779-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 18 05:02:27 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 05:01:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	69000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	297078	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	164624	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	360699	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	388861	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	380133	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	5259	2.63	ng/uL	0.00
5) Phenol-d5	7.00	99	101960	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	62489	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	83440	18.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	79298	17.35	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	36324	17.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	37553	16.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	76949	17.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	97087	18.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	242225	18.82	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	302479	19.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	22277	8.95	ng/ul	0.00
58) Fluorene-d10	15.47	176	221345	19.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	19438	10.25	ng/ul	0.00
71) Anthracene-d10	17.32	188	336737	20.28	ng/ul	0.00
79) Pyrene-d10	19.61	212	377835	21.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	395918	23.32	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.93	163	89597	6.86	ng/ul	98
50) Acenaphthene	14.54	153	12310	1.08	ng/ul	99
59) Fluorene	15.52	166	16392	1.26	ng/ul	98
70) Phenanthrene	17.26	178	273113	13.25	ng/ul	100
72) Anthracene	17.35	178	103347	4.98	ng/ul	98
75) Carbazole	17.62	167	21214	1.14	ng/ul	97
77) Fluoranthene	19.27	202	794141	34.89	ng/ul	98
80) Pyrene	19.64	202	734656	31.17	ng/ul	98
83) Benzo(a)anthracene	21.39	228	459093	20.23	ng/ul	99
85) Chrysene	21.44	228	451204	20.81	ng/ul	98
88) Benzo(b)fluoranthene	23.01	252	722526	31.88	ng/ul	98
89) Benzo(k)fluoranthene	23.01	252	722526	33.52	ng/ul	97
91) Benzo(a)pyrene	23.60	252	487841	22.46	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.03	276	353751	14.49	ng/ul	95
93) Dibenzo(a,h)anthracene	25.94	278	20816	1.03	ng/ul	95
94) Benzo(g,h,i)perylene	26.75	276	355941	17.21	ng/ul	99

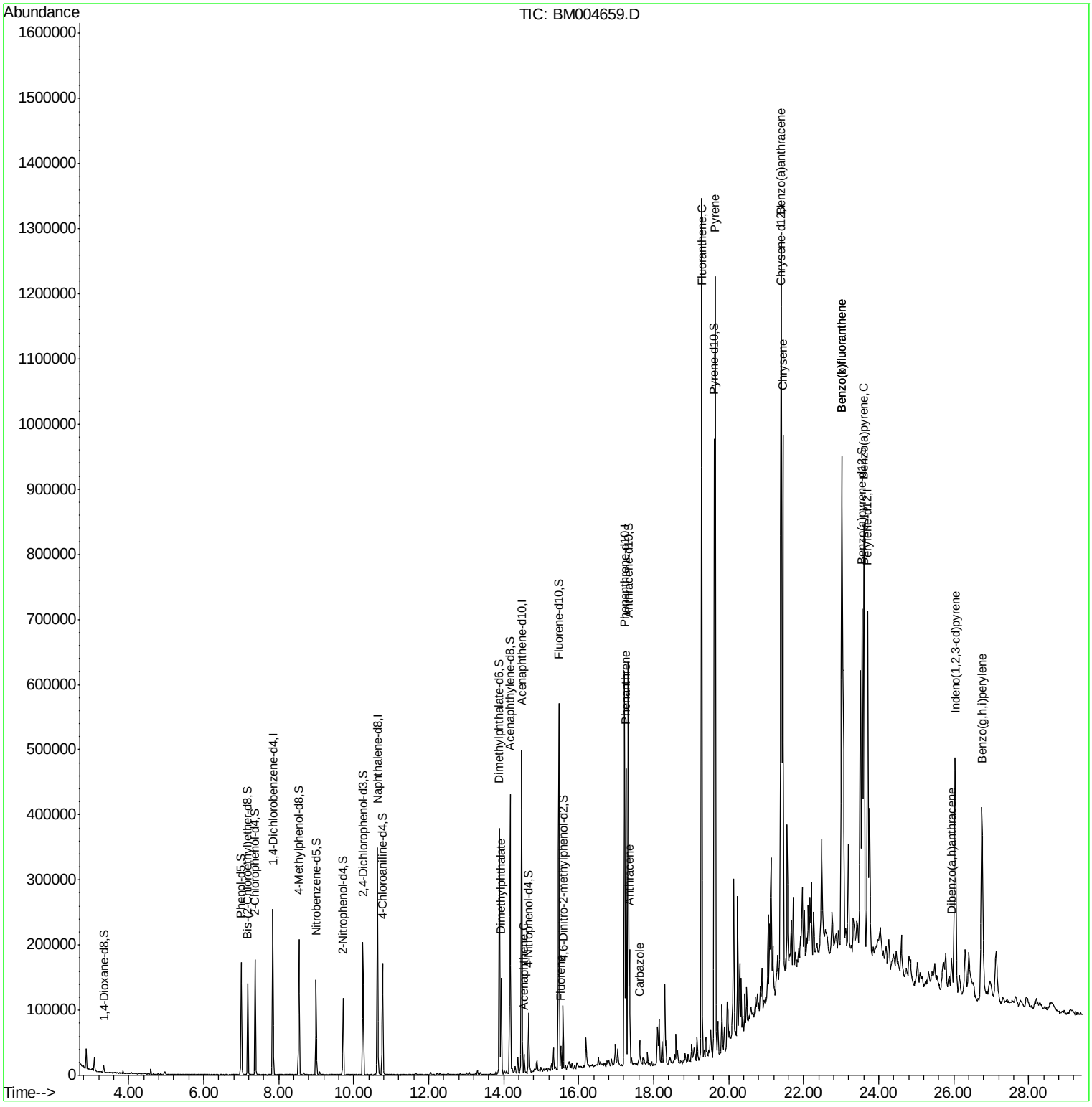
(#) = qualifier out of range (m) = manual integration (+) = signals summed

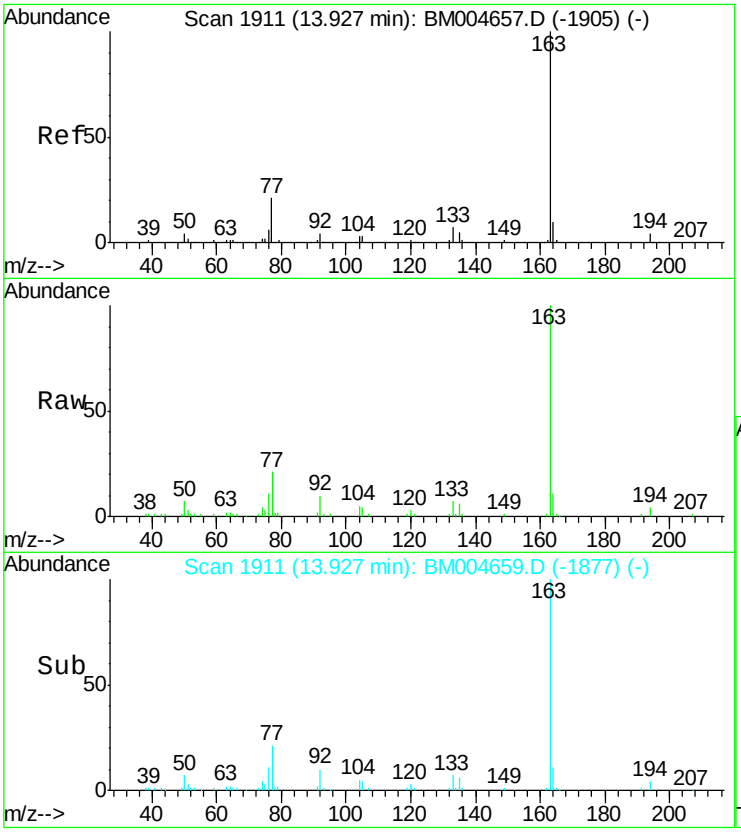
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
Data File : BM004659.D
Acq On : 17 Mar 2016 10:41
Operator : UM/SJ
Sample : H1779-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 18 05:02:27 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 05:01:04 2016
Response via : Initial Calibration



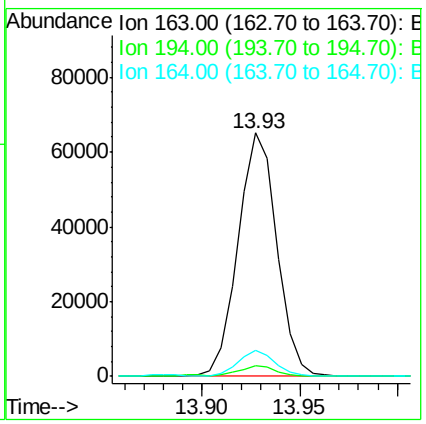


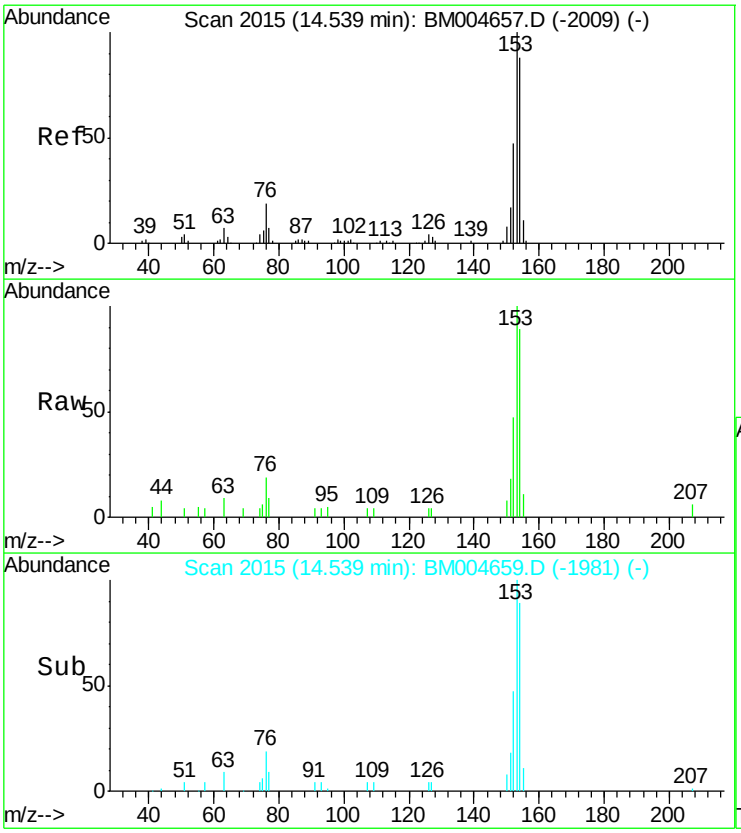
#45
Dimethylphthalate
Concen: 6.86 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 89597

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.5	7.8	11.8

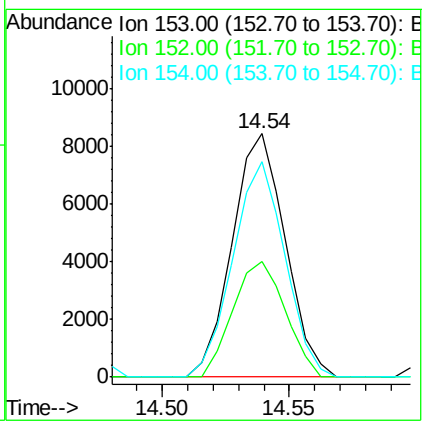


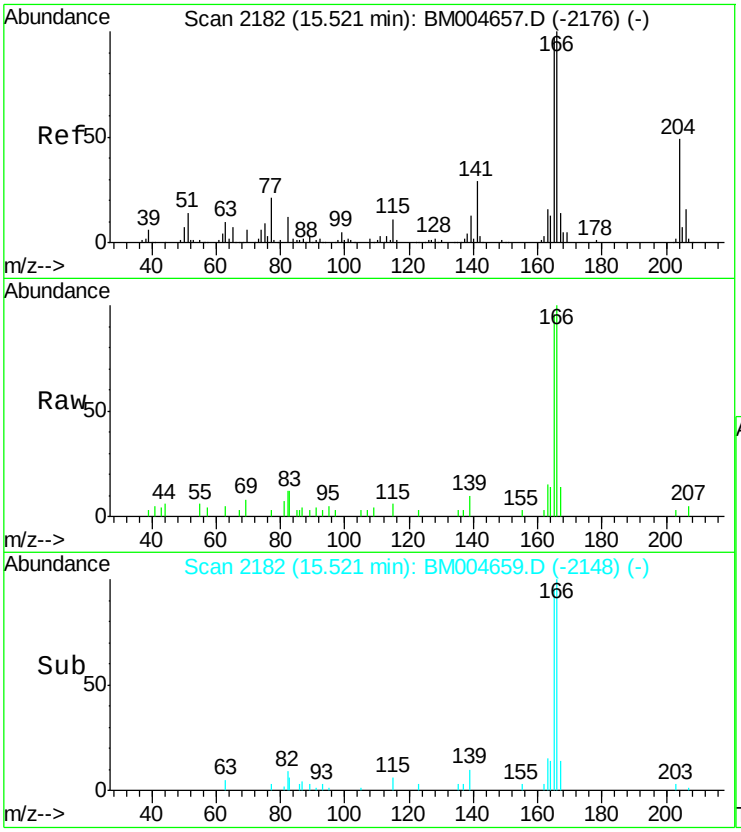


#50
Acenaphthene
Concen: 1.08 ng/ul
RT: 14.54 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Tgt Ion:153 Resp: 12310

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.3	57.5
154	88.5	71.8	107.8



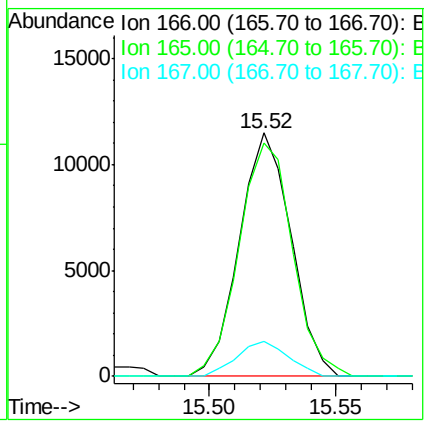


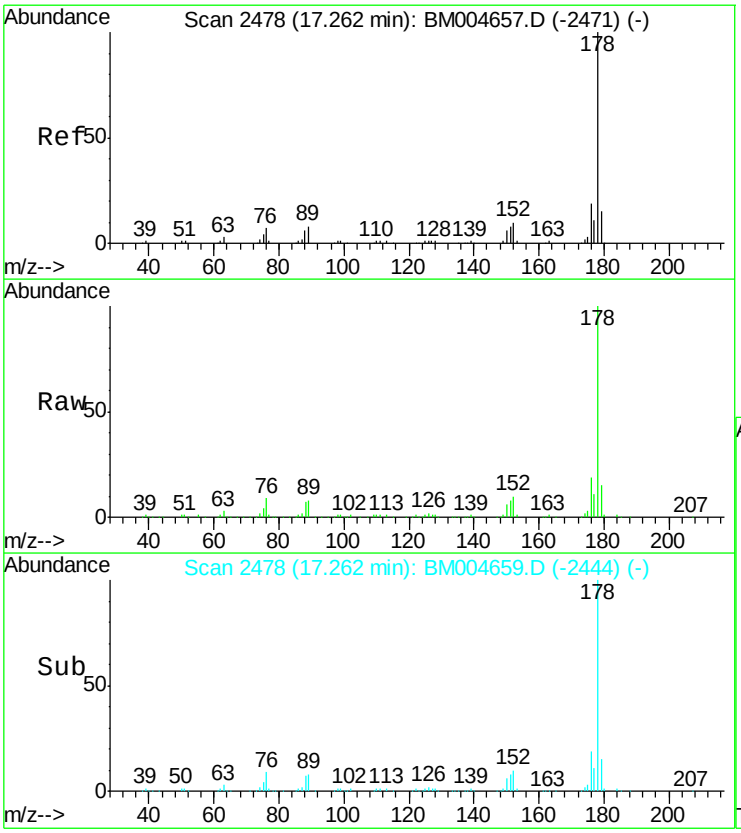
#59
Fluorene
Concen: 1.26 ng/ul
RT: 15.52 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 16392

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.5	117.7
167	14.3	10.7	16.1

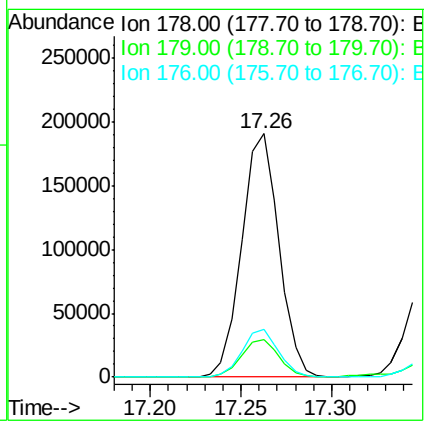


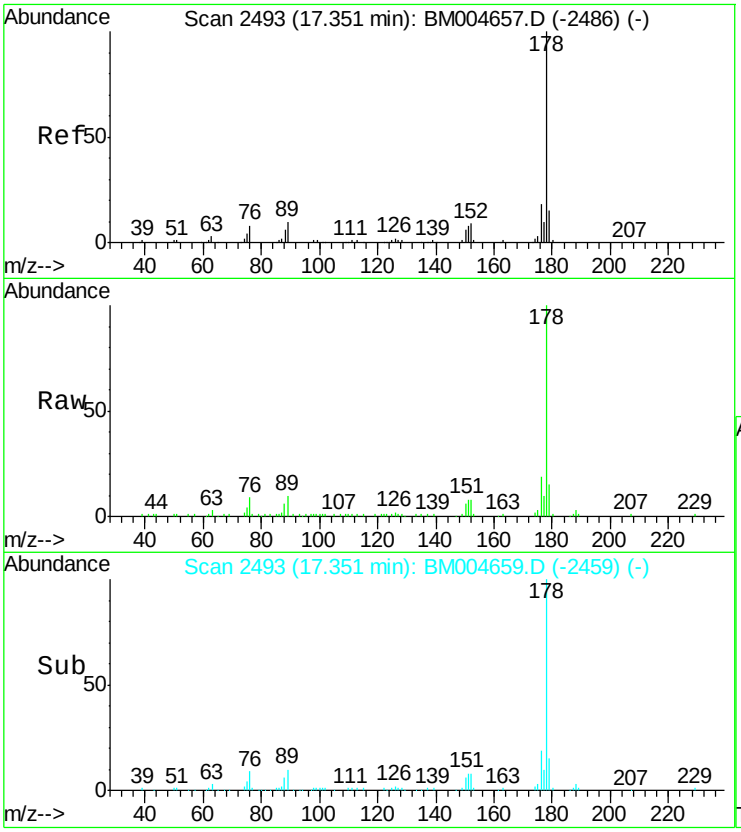


#70
Phenanthrene
Concen: 13.25 ng/ul
RT: 17.26 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Tgt Ion:178 Resp: 273113

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.5	15.6	23.4



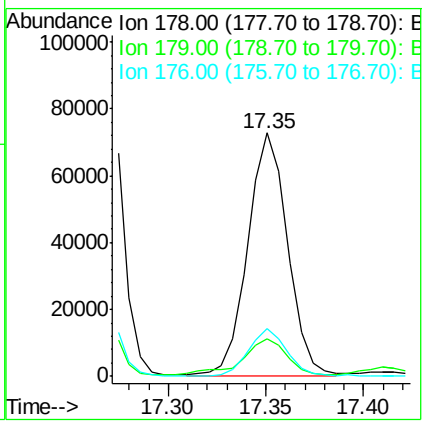


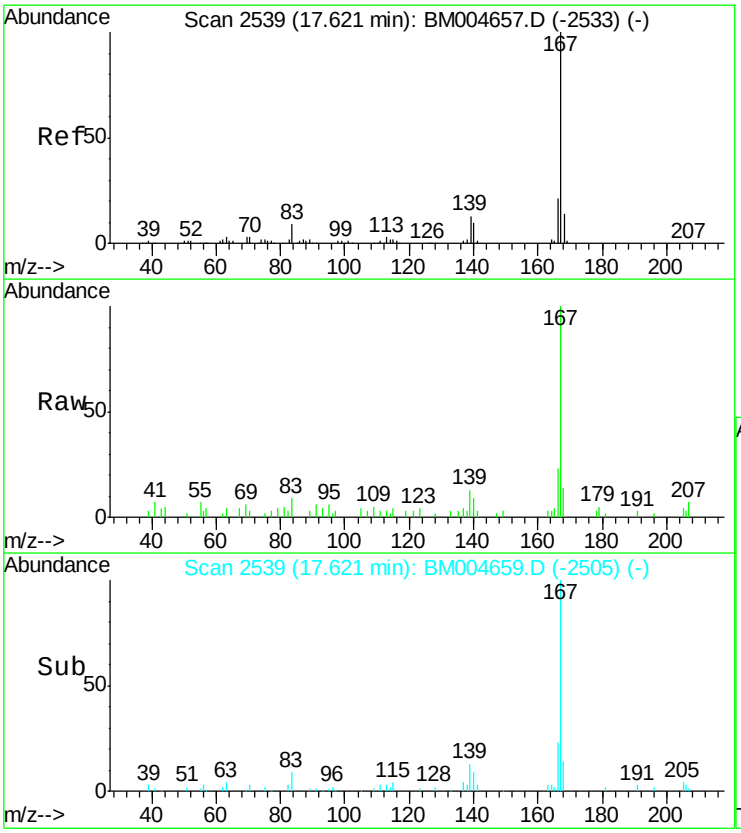
#72
Anthracene
Concen: 4.98 ng/ul
RT: 17.35 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 103347

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	19.4	14.8	22.2

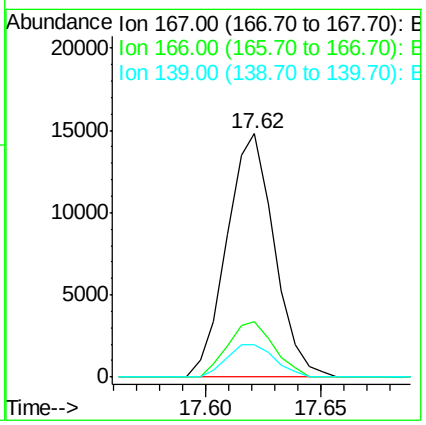


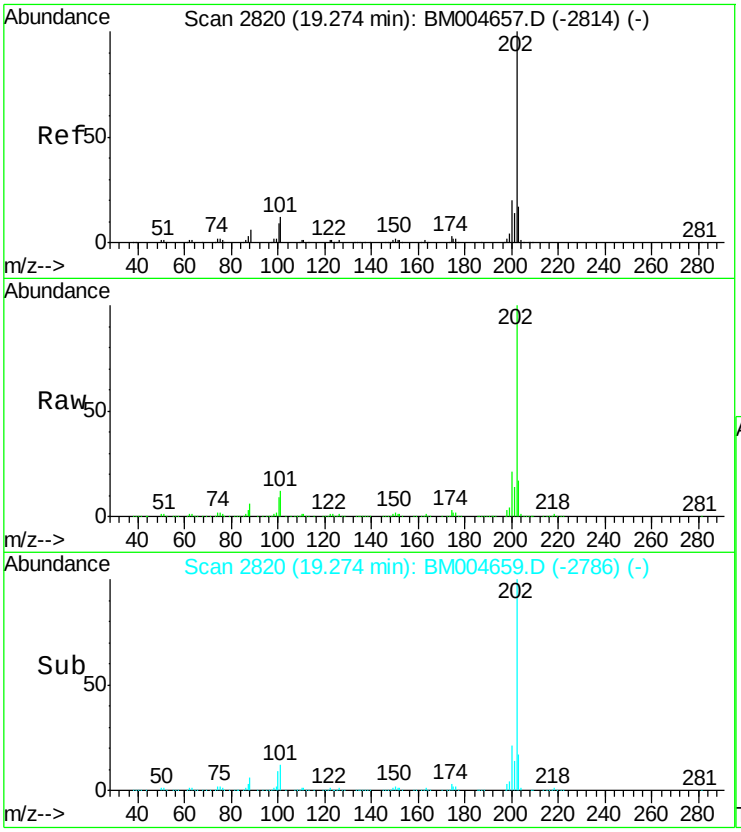


#75
Carbazole
Concen: 1.14 ng/ul
RT: 17.62 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Tgt Ion:167 Resp: 21214

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.0	25.6
139	13.1	11.0	16.4



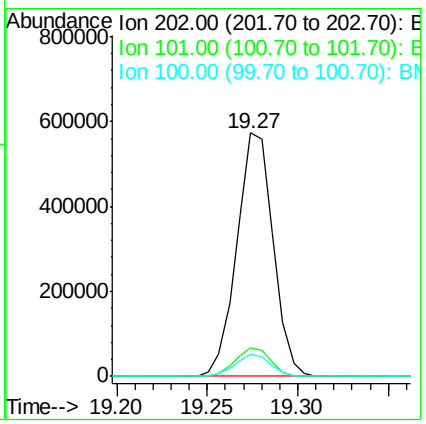


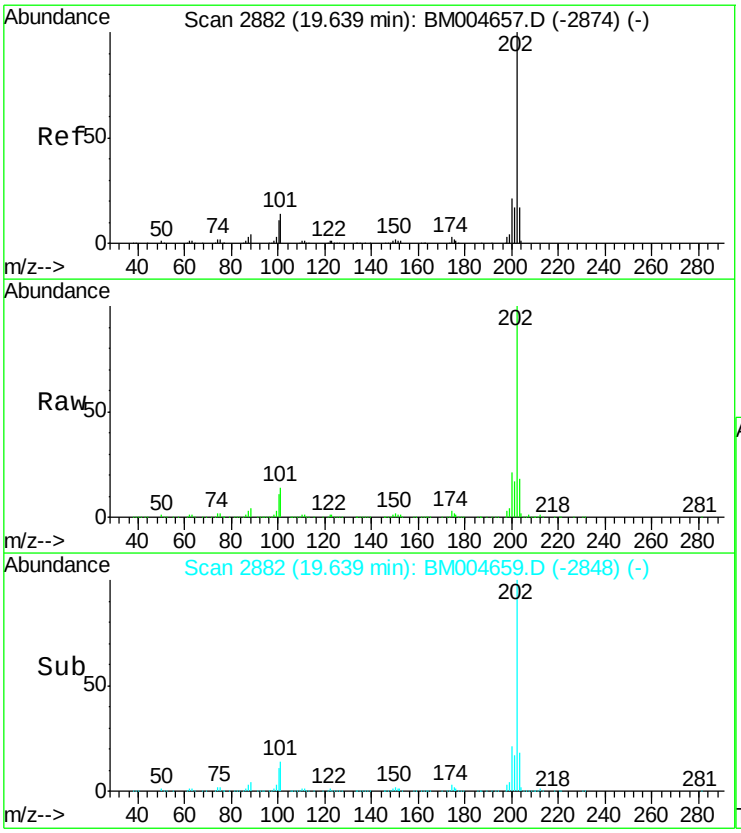
#77
Fluoranthene
Concen: 34.89 ng/ul
RT: 19.27 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 794141

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.8	13.2
100	9.1	6.6	9.8

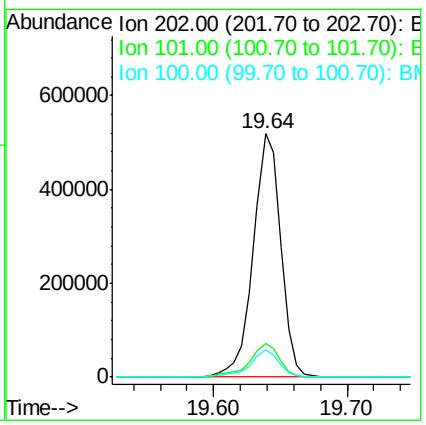


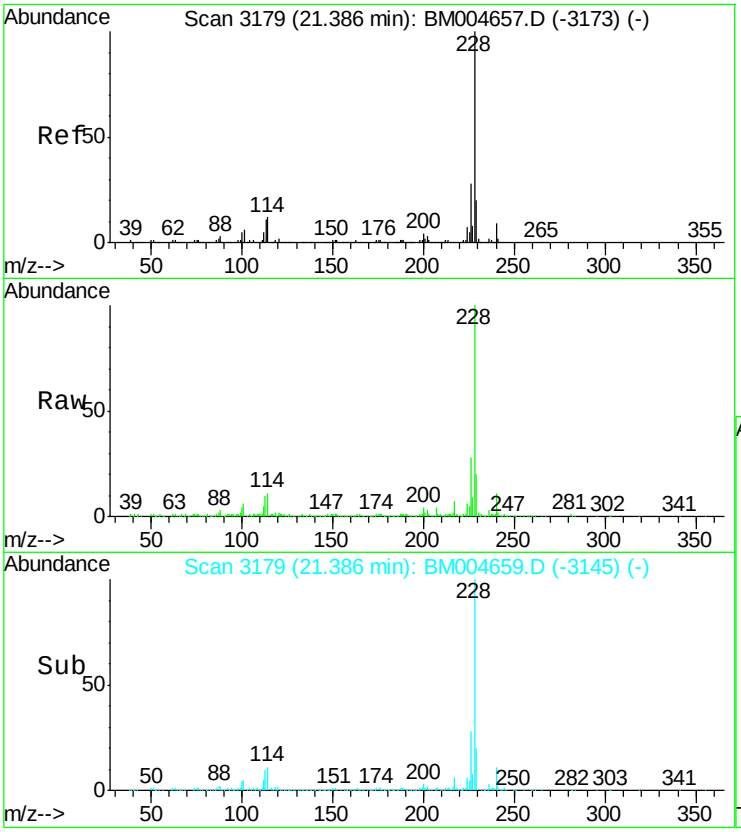


#80
Pyrene
Concen: 31.17 ng/ul
RT: 19.64 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Tgt Ion:202 Resp: 734656

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.2	15.2
100	11.1	8.5	12.7



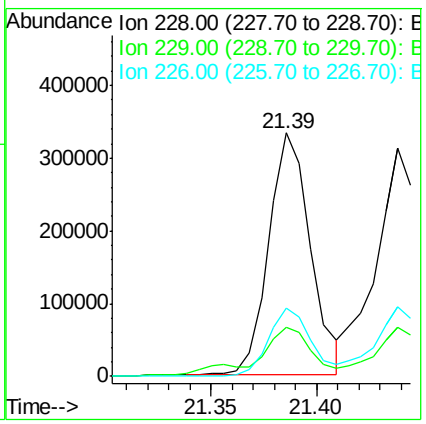


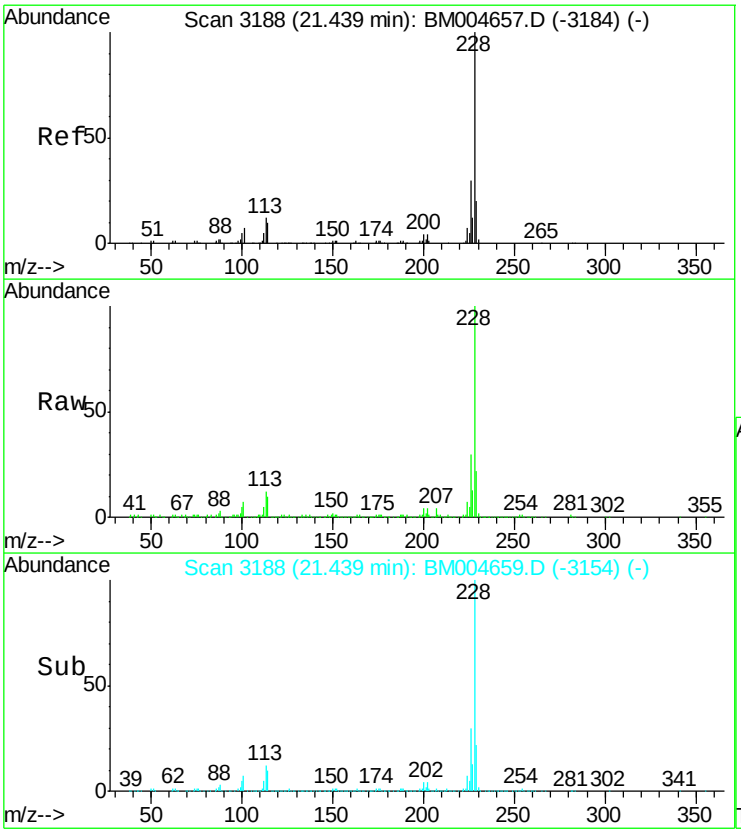
#83
Benzo(a)anthracene
Concen: 20.23 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 459093

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	27.9	21.8	32.6

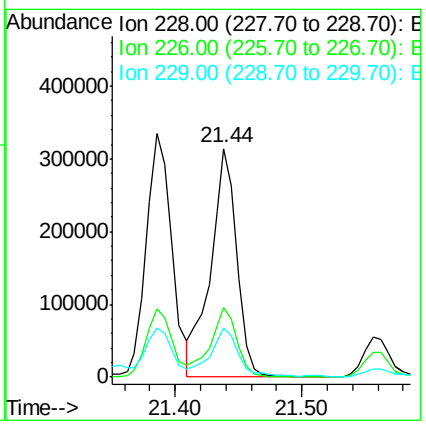


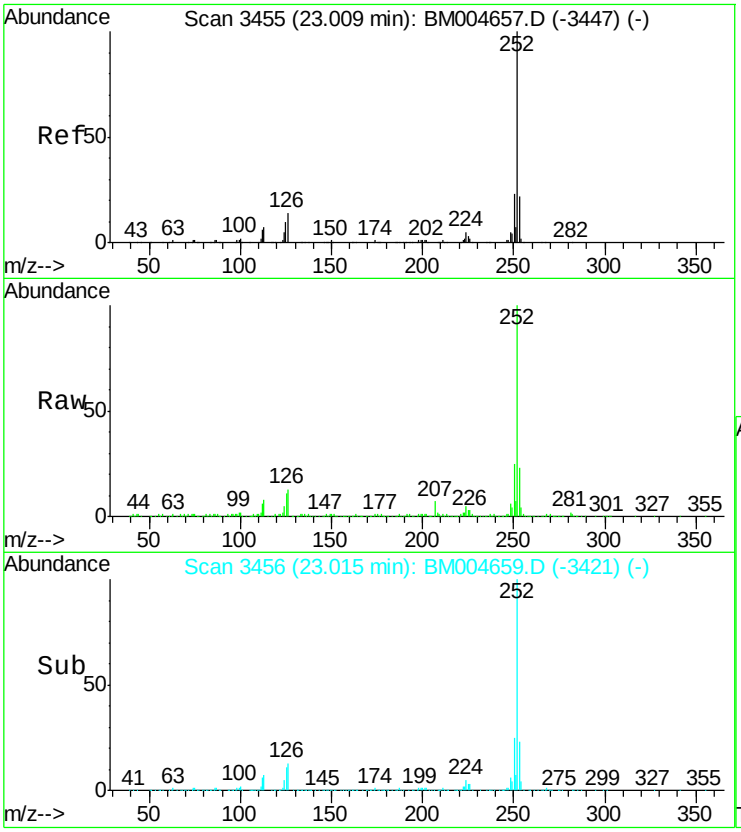


#85
Chrysene
Concen: 20.81 ng/ul
RT: 21.44 min Scan# 3188
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Tgt Ion:228 Resp: 451204

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.8	15.6	23.4



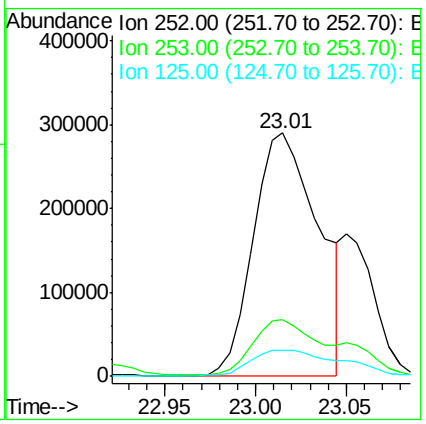


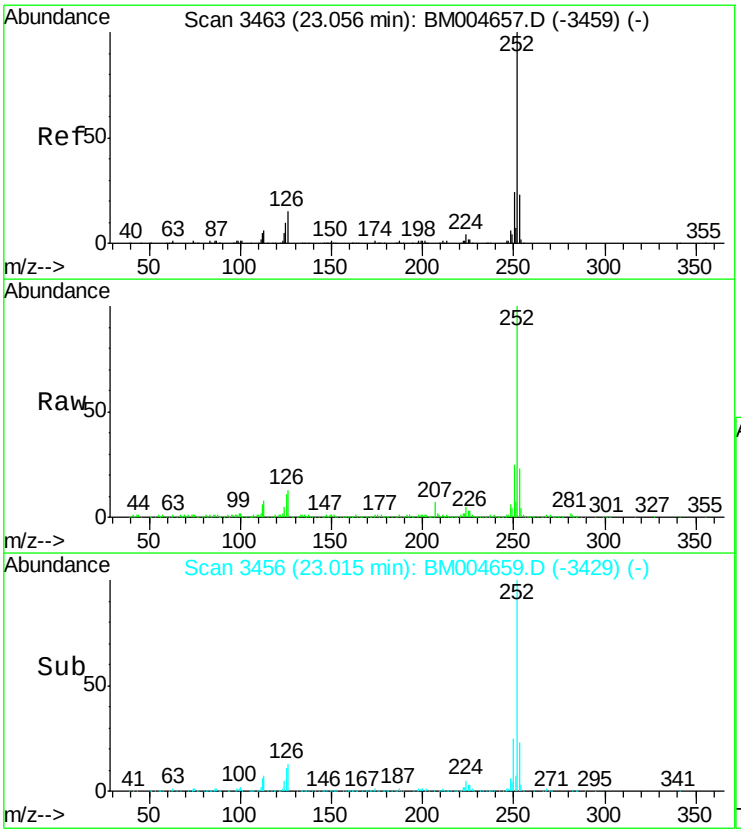
#88
Benzo(b)fluoranthene
Concen: 31.88 ng/ul
RT: 23.01 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 722526

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	10.9	8.5	12.7

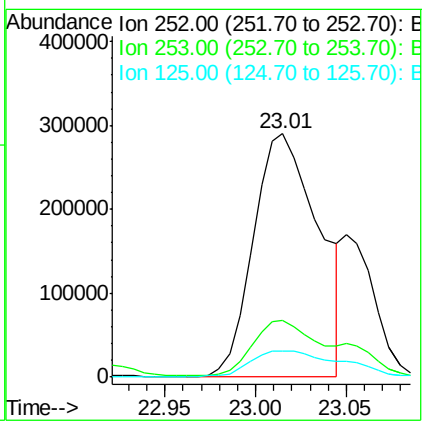


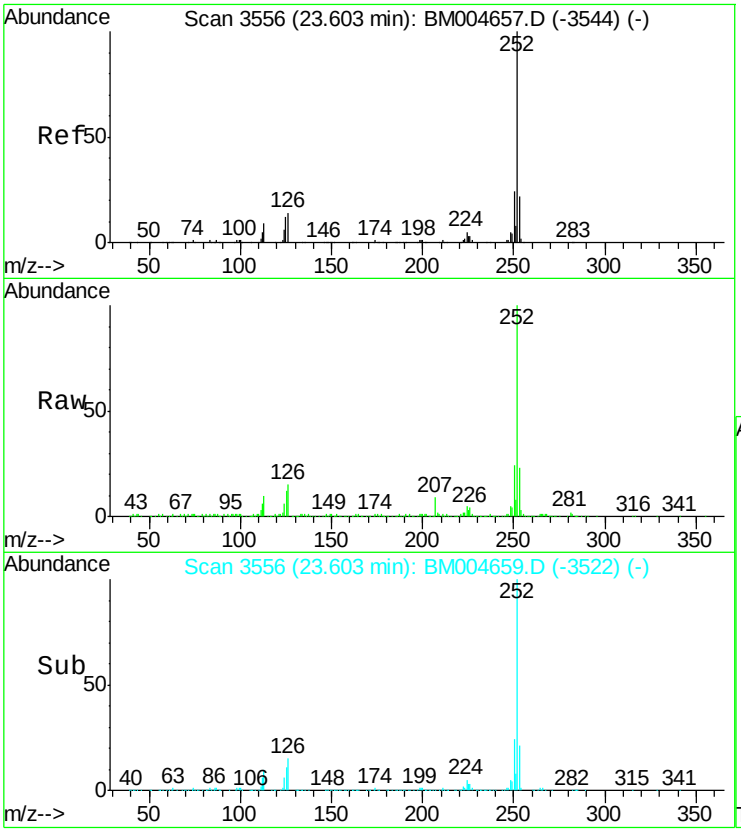


#89
Benzo(k)fluoranthene
Concen: 33.52 ng/ul
RT: 23.01 min Scan# 3456
Delta R.T. -0.04 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Tgt Ion:252 Resp: 722526

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	10.9	8.2	12.2



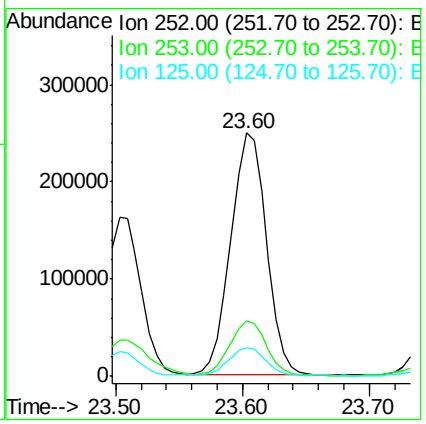


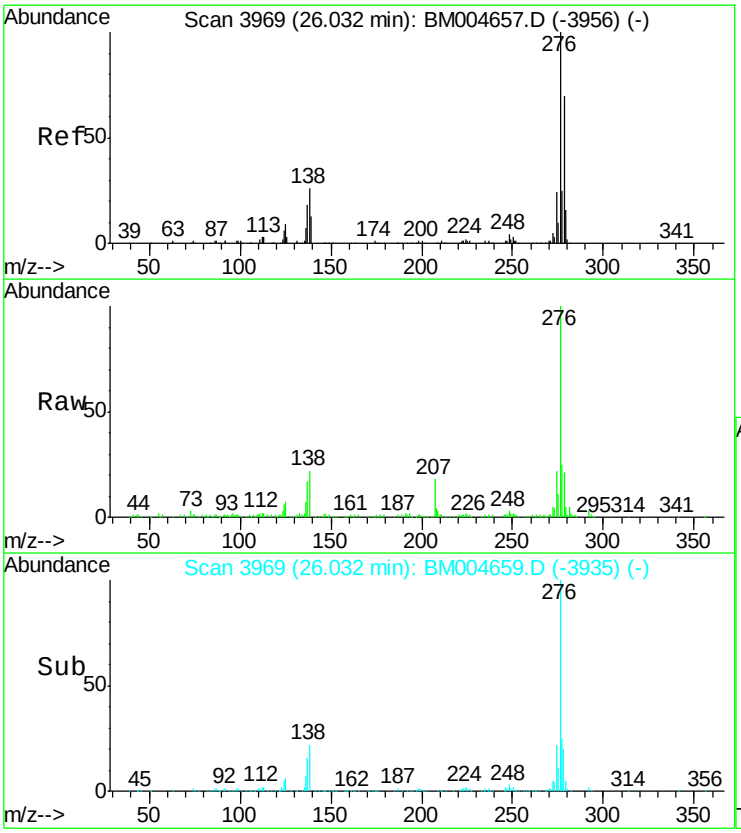
#91
Benzo(a)pyrene
Concen: 22.46 ng/ul
RT: 23.60 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 487841

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	11.8	9.0	13.6

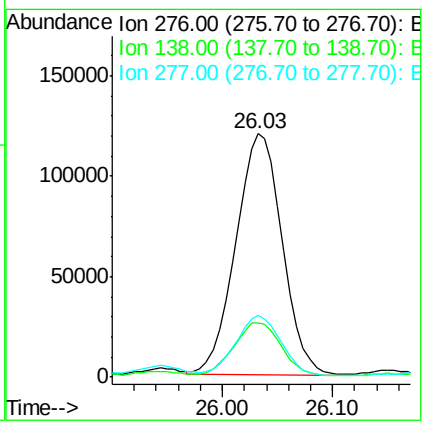


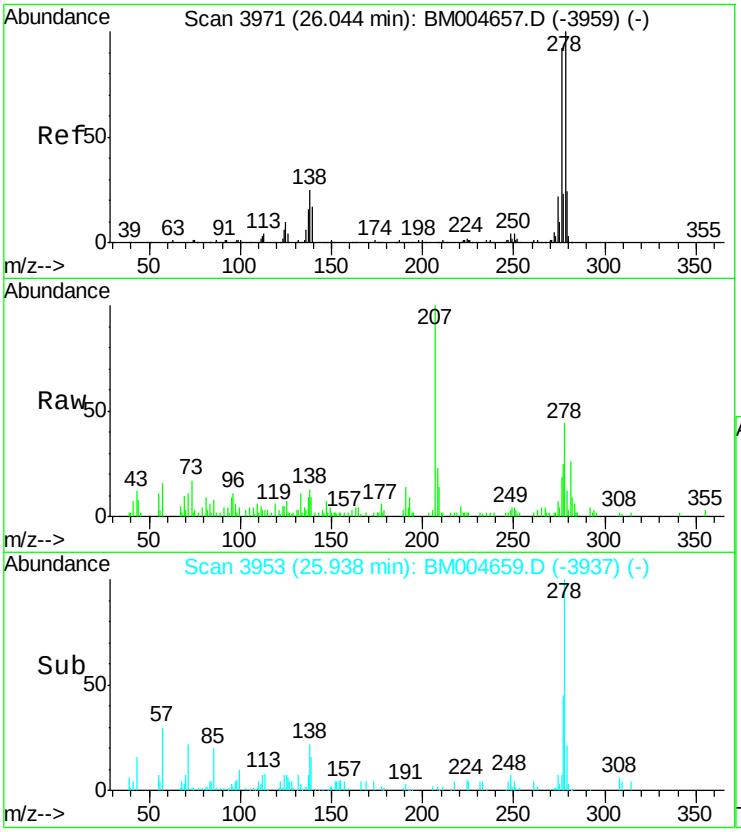


#92
Indeno(1,2,3-cd)pyrene
Concen: 14.49 ng/ul
RT: 26.03 min Scan# 3969
Delta R.T. -0.00 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Tgt Ion:276 Resp: 353751

Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.3	33.5
277	25.2	20.2	30.2



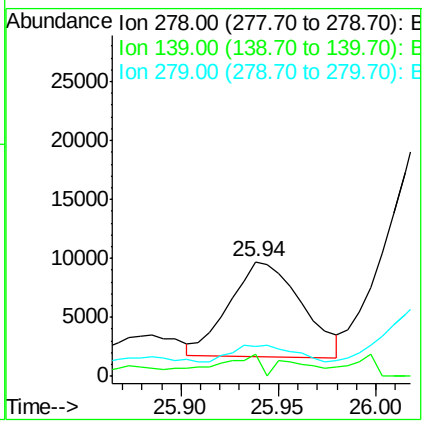


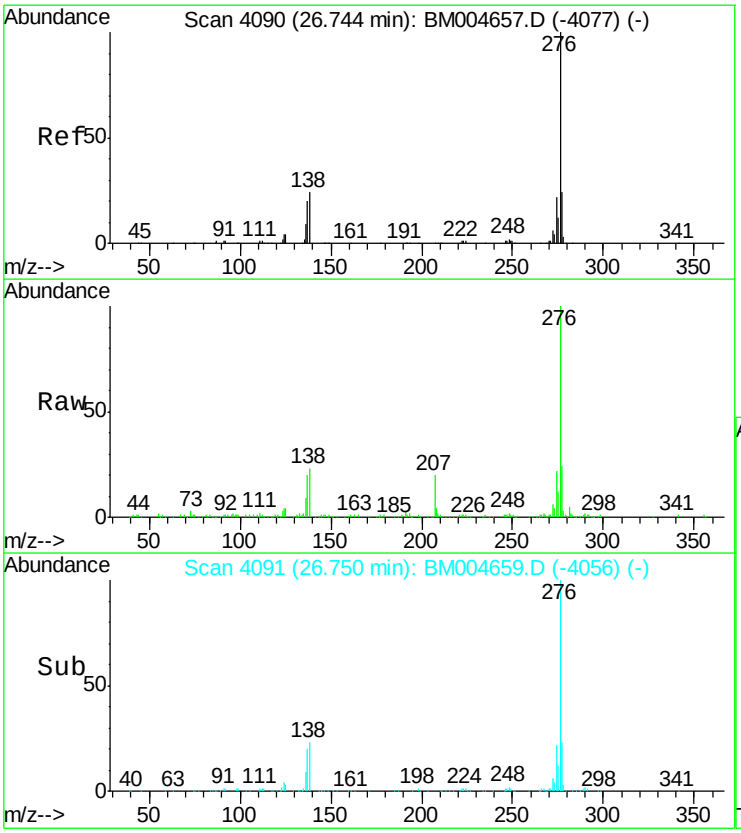
#93
Dibenzo(a,h)anthracene
Concen: 1.03 ng/ul
RT: 25.94 min Scan# 3953
Delta R.T. -0.11 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 20816

Ion	Ratio	Lower	Upper
278	100		
139	19.3	13.9	20.9
279	26.4	19.0	28.4





#94
Benzo(g,h,i)perylene
Concen: 17.21 ng/ul
RT: 26.75 min Scan# 4091
Delta R.T. 0.01 min
Lab File: BM004659.D
Acq: 17 Mar 2016 10:41

Tgt Ion:276 Resp: 355941

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.9	28.3
277	23.6	19.2	28.8