Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
Data File : BM004660.D
Acq On : 17 Mar 2016 11:18
Operator : UM/SJ
Sample : H1780-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 18 05:02:43 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	78572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	329963	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	172176	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	367223	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	386287	20.00	ng/ul	0.00
86) Perylene-d12	23.71	264	391085	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	5025	2.21	ng/uL	0.00
5) Phenol-d5	7.00	99	98652	15.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	60506	16.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	82525	15.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	73111	14.05	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	35414	15.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	36367	14.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	73148	15.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	73652	12.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	219830	16.33	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	278533	16.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	19615	7.54	ng/ul	0.00
58) Fluorene-d10	15.47	176	202399	17.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	14895	7.72	ng/ul	0.00
71) Anthracene-d10	17.32	188	302247	17.88	ng/ul	0.00
79) Pyrene-d10	19.61	212	339828	19.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	355759	20.37	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.93	163	54783	4.01	ng/ul	99
50) Acenaphthene	14.54	153	14940	1.25	ng/ul	97
59) Fluorene	15.52	166	22597	1.67	ng/ul	98
70) Phenanthrene	17.26	178	461684	22.01	ng/ul	100
72) Anthracene	17.35	178	142591	6.75	ng/ul	99
77) Fluoranthene	19.28	202	1130061	48.77	ng/ul	99
80) Pyrene	19.64	202	990496	42.31	ng/ul	99
83) Benzo(a)anthracene	21.39	228	574208	25.47	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.32	149	17236	1.29	ng/ul#	96
85) Chrysene	21.44	228	554081	25.73	ng/ul	98
88) Benzo(b)fluoranthene	23.02	252	792268	33.97	ng/ul	95
89) Benzo(k)fluoranthene	23.02	252	792268	35.73	ng/ul	94
91) Benzo(a)pyrene	23.61	252	555367	24.85	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.04	276	393507	15.66	ng/ul#	94
93) Dibenzo(a,h)anthracene	26.04	278	97536	4.69	ng/ul#	81
94) Benzo(g,h,i)perylene	26.76	276	378955	17.80	ng/ul	99

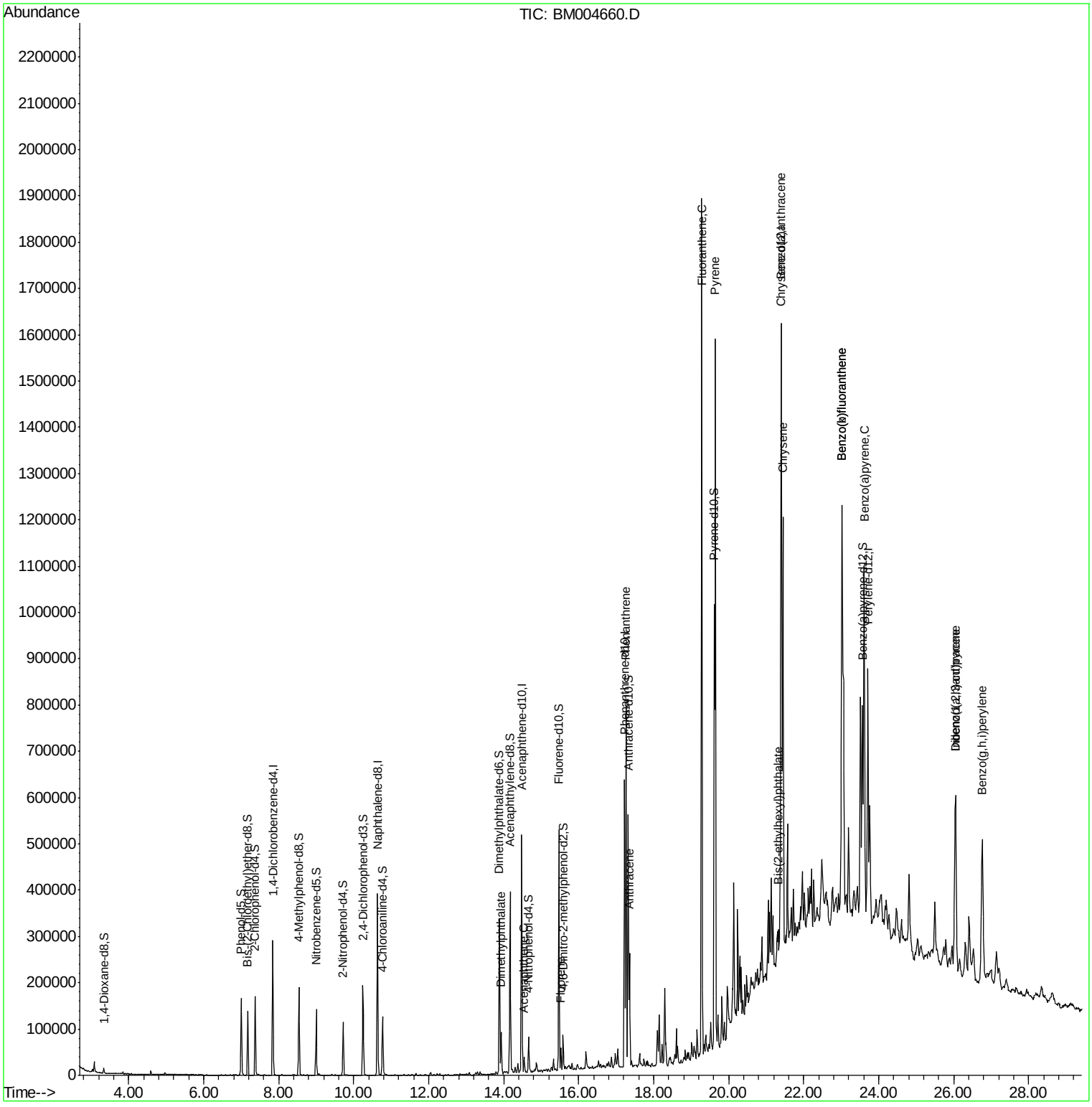
(#) = qualifier out of range (m) = manual integration (+) = signals summed

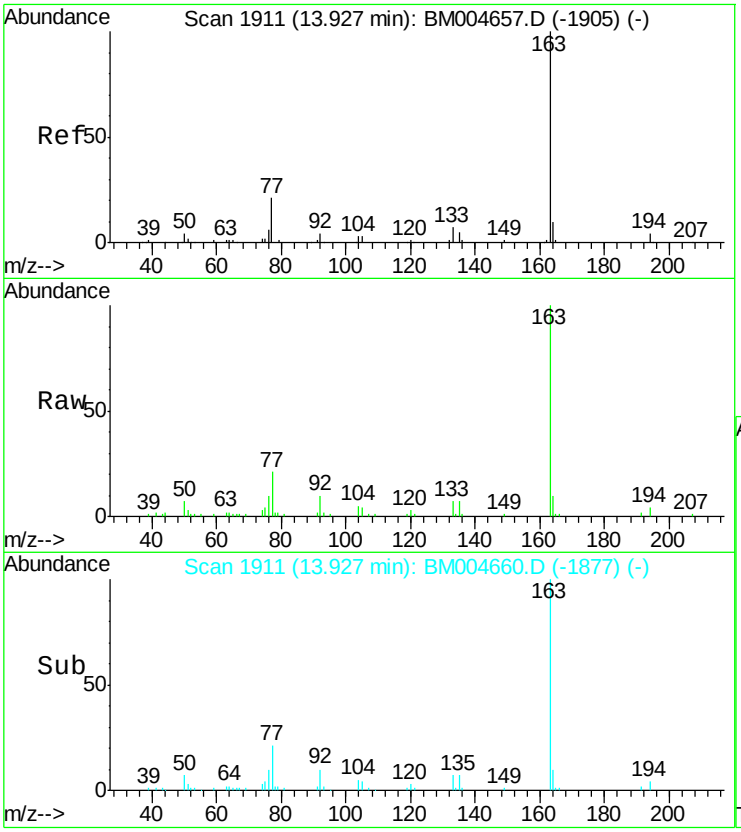
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
Data File : BM004660.D
Acq On : 17 Mar 2016 11:18
Operator : UM/SJ
Sample : H1780-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 18 05:02:43 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



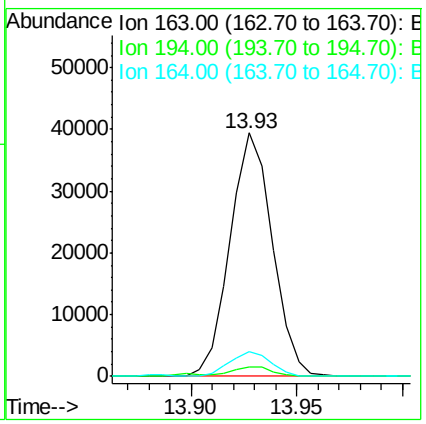


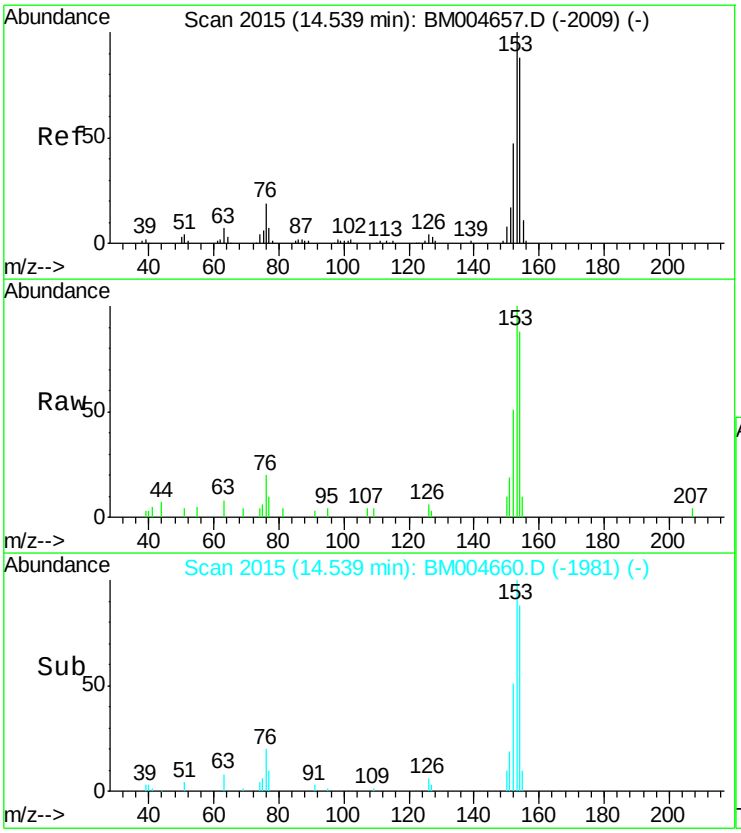
#45
Dimethylphthalate
Concen: 4.01 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 54783

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.1	7.8	11.8

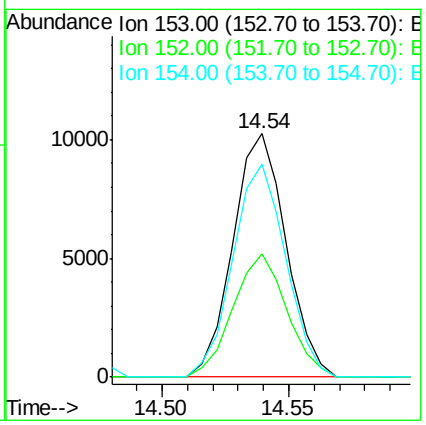


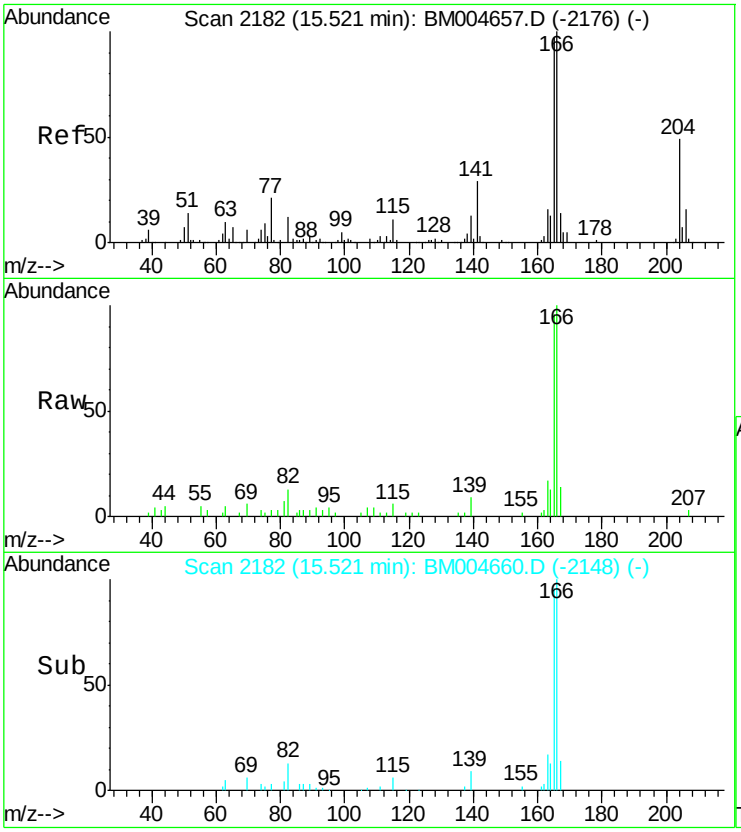


#50
Acenaphthene
Concen: 1.25 ng/ul
RT: 14.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Tgt Ion:153 Resp: 14940

Ion	Ratio	Lower	Upper
153	100		
152	50.8	38.3	57.5
154	87.6	71.8	107.8



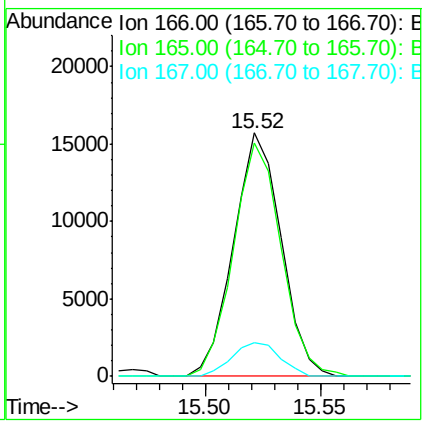


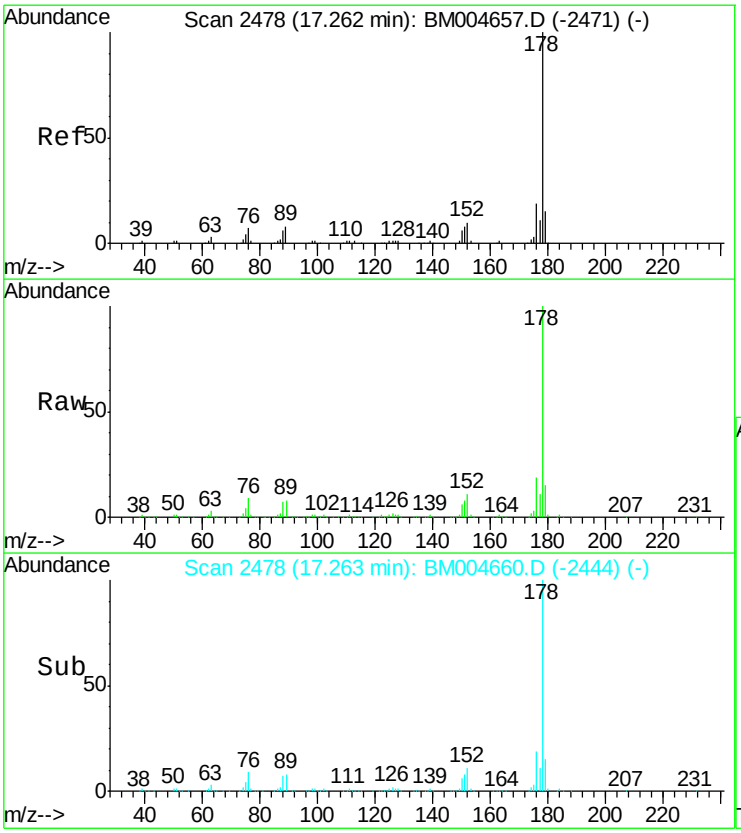
#59
Fluorene
Concen: 1.67 ng/ul
RT: 15.52 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 22597

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.5	117.7
167	13.8	10.7	16.1

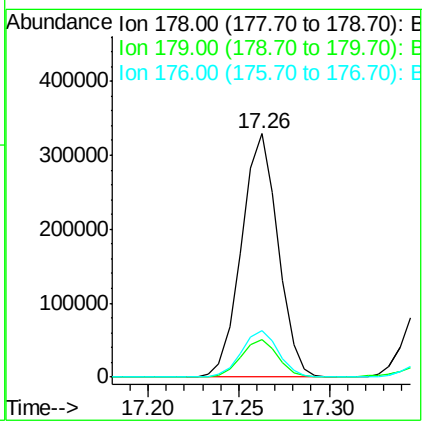


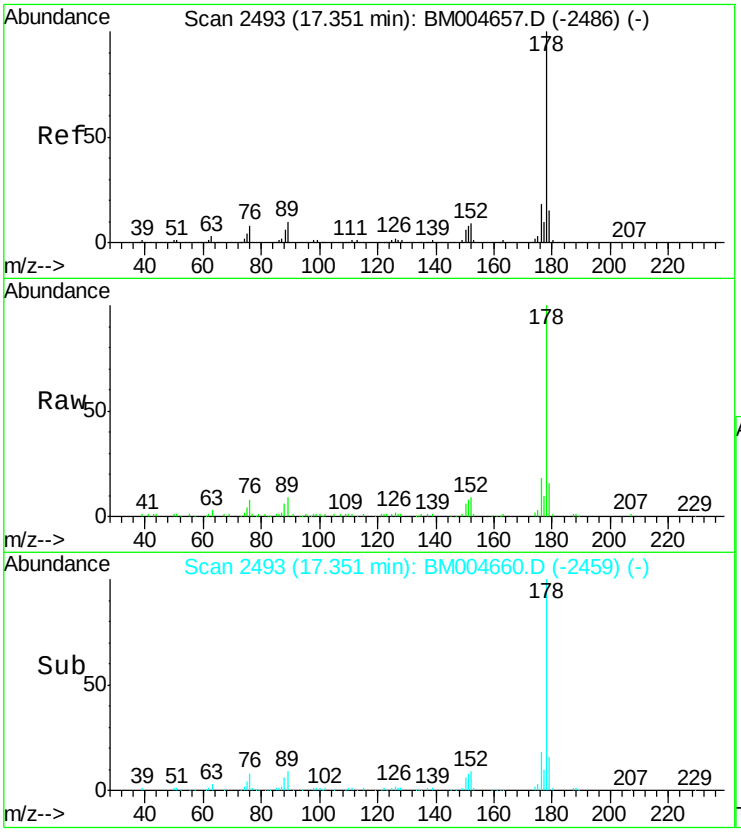


#70
Phenanthrene
Concen: 22.01 ng/ul
RT: 17.26 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Tgt Ion:178 Resp: 461684

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.2	15.6	23.4



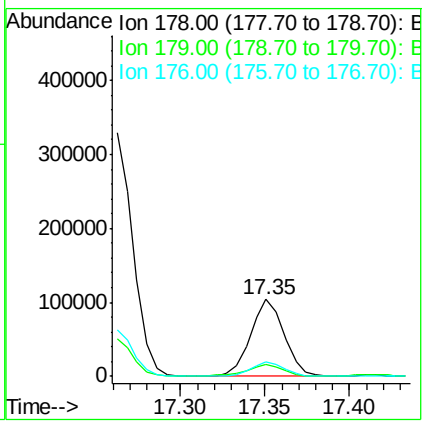


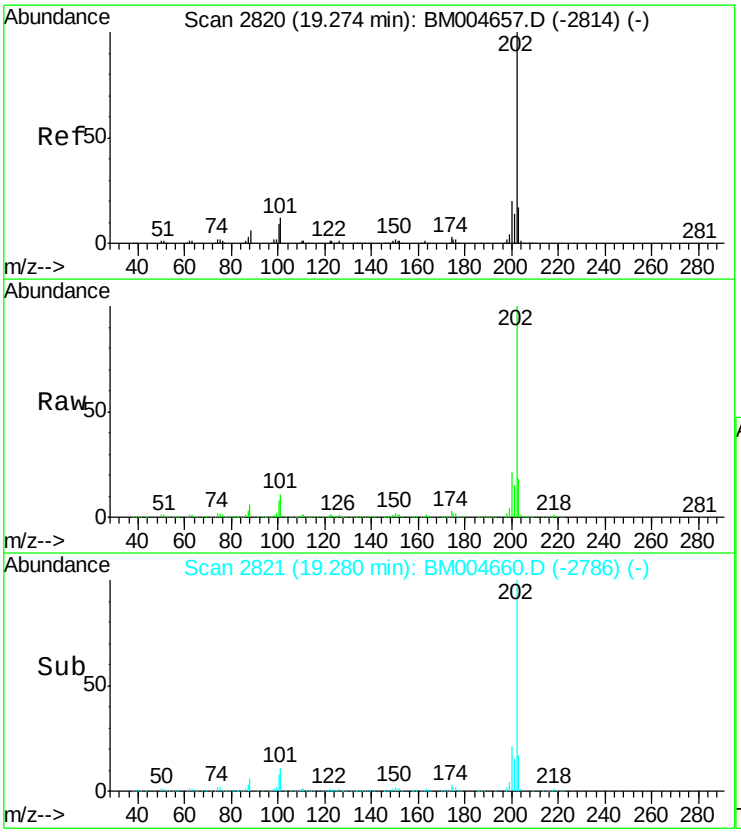
#72
Anthracene
Concen: 6.75 ng/ul
RT: 17.35 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 142591

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.5	14.8	22.2

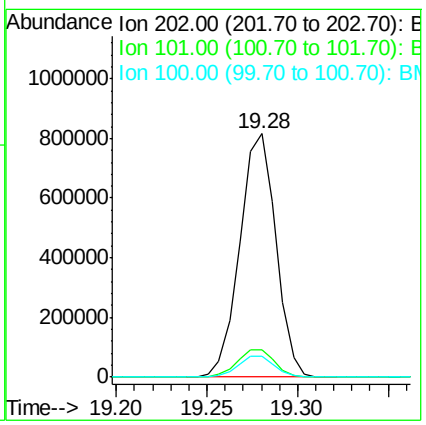


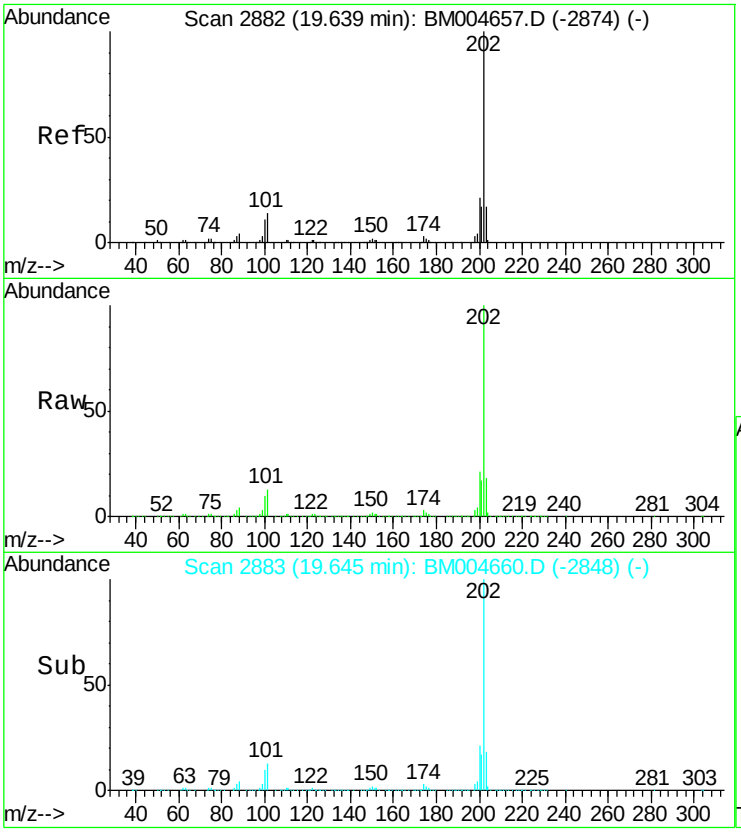


#77
Fluoranthene
Concen: 48.77 ng/ul
RT: 19.28 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Tgt Ion:202 Resp: 1130061

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.4	6.6	9.8



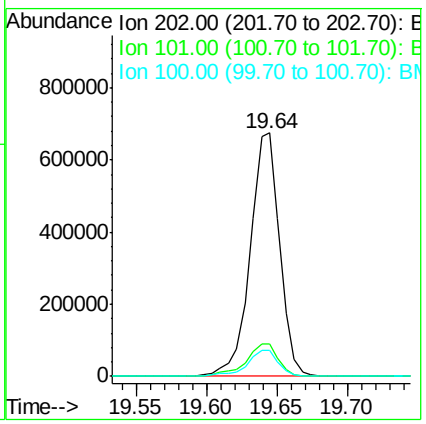


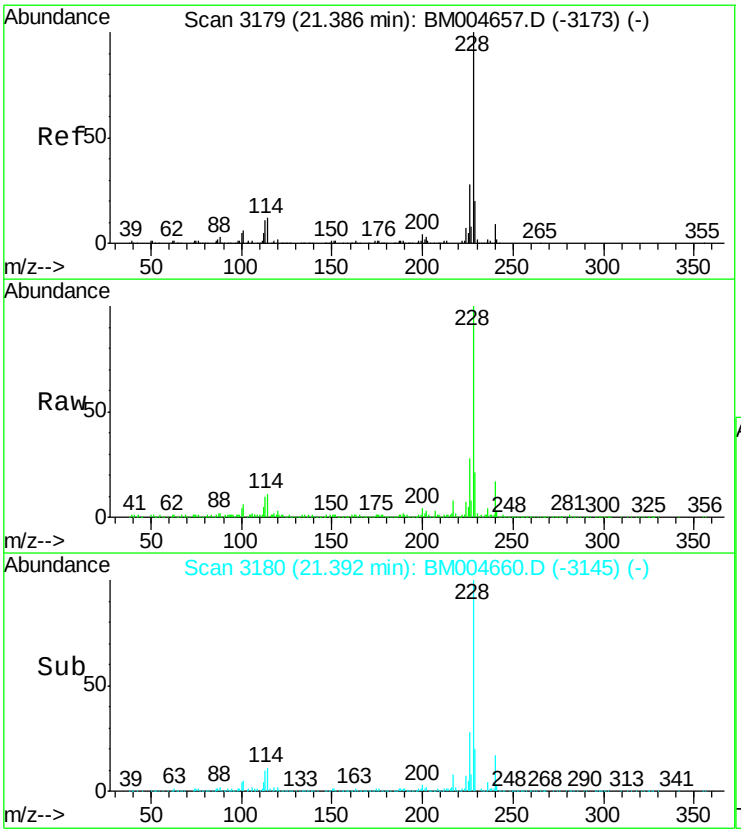
#80
Pyrene
Concen: 42.31 ng/ul
RT: 19.64 min Scan# 2883
Delta R.T. 0.01 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 990496

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.5	8.5	12.7

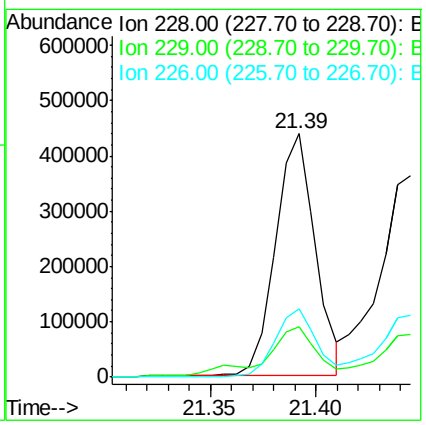


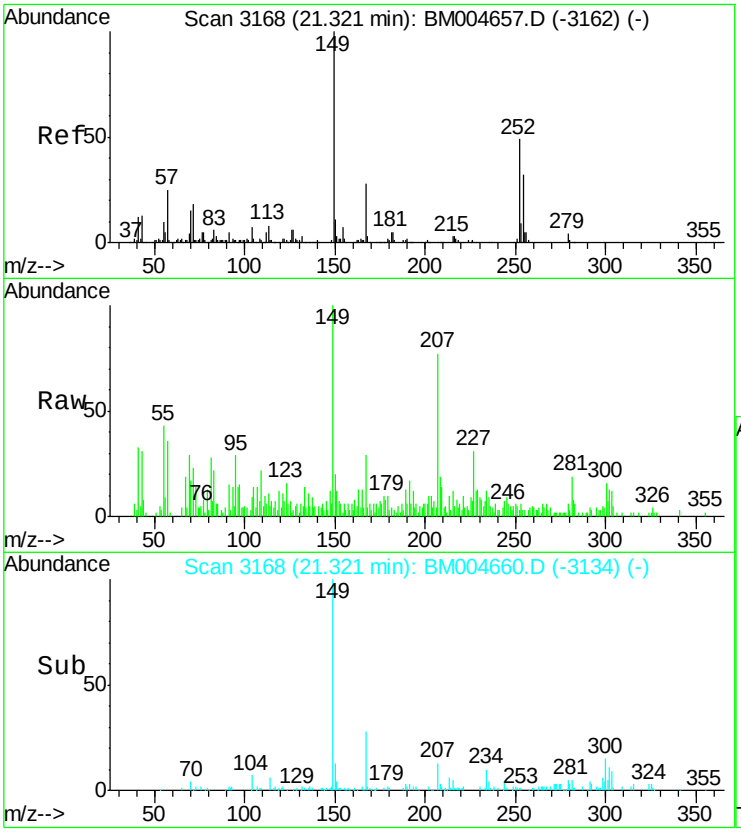


#83
Benzo(a)anthracene
Concen: 25.47 ng/ul
RT: 21.39 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Tgt Ion:228 Resp: 574208

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.8	21.8	32.6



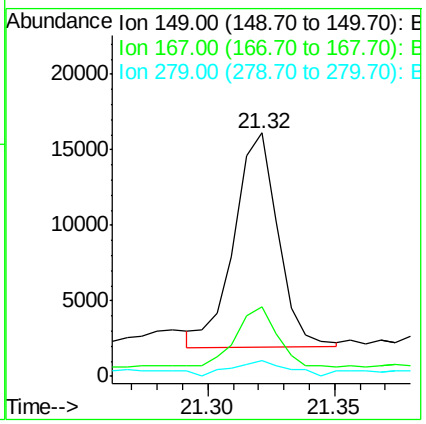


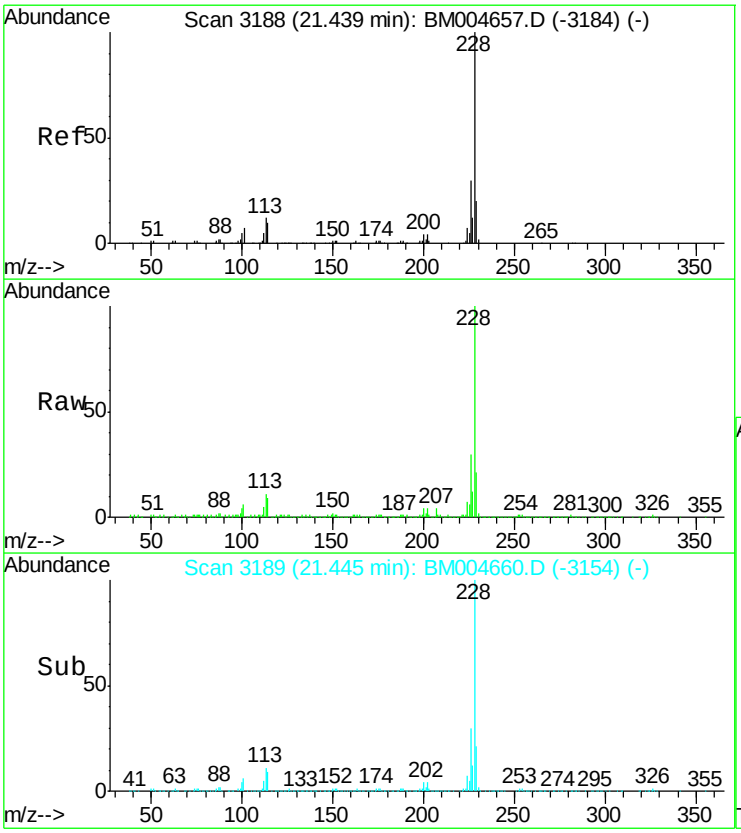
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.29 ng/ul
RT: 21.32 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 17236

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.6	32.4
279	6.5	3.0	4.4#

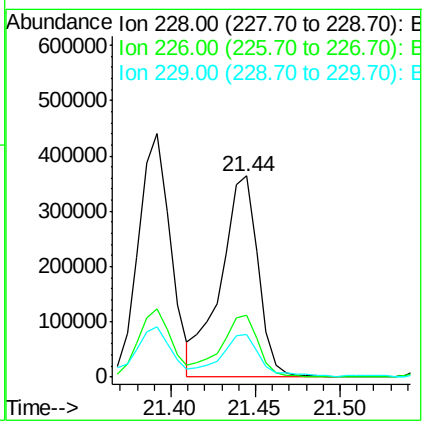


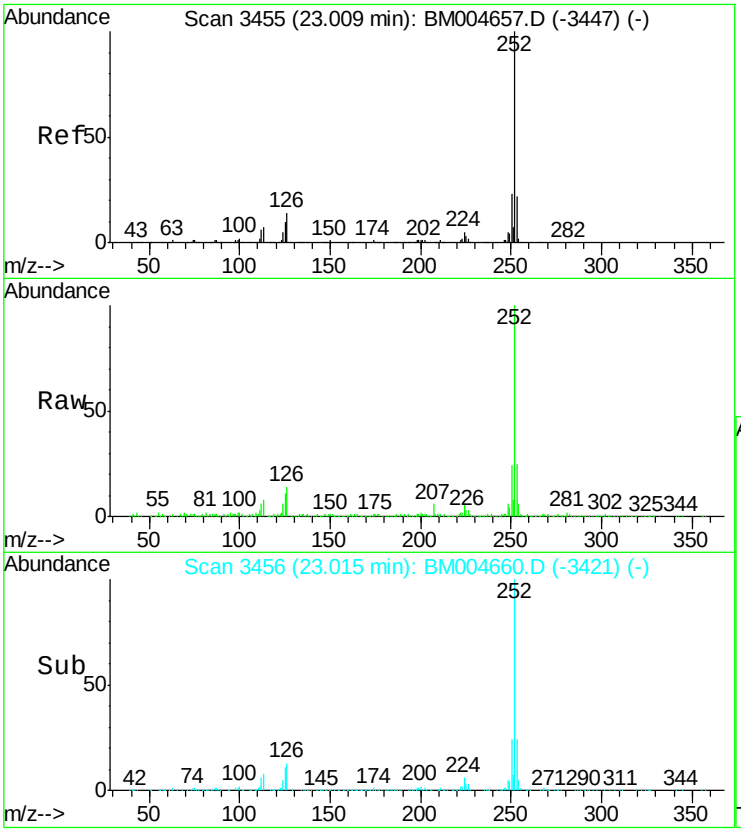


#85
Chrysene
Concen: 25.73 ng/ul
RT: 21.44 min Scan# 3189
Delta R.T. 0.01 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Tgt Ion:228 Resp: 554081

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.4	15.6	23.4



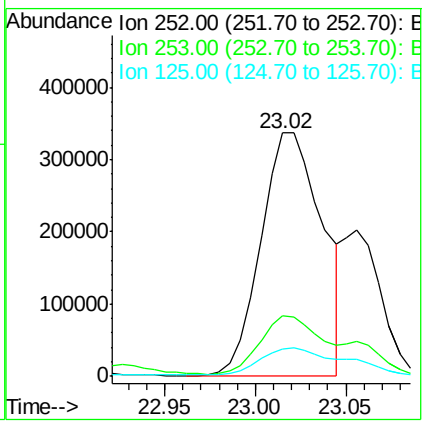


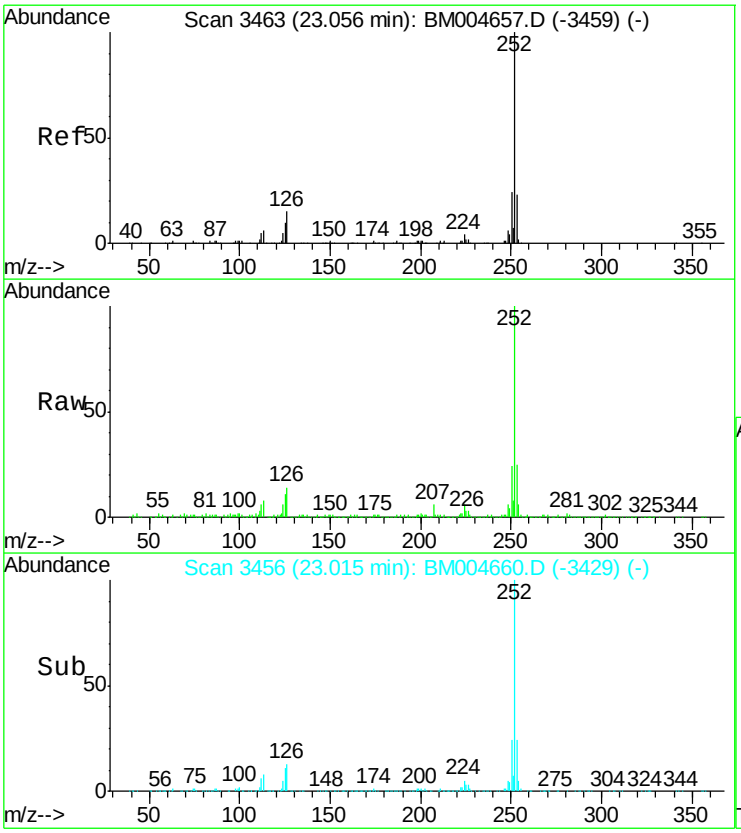
#88
Benzo(b)fluoranthene
Concen: 33.97 ng/ul
RT: 23.02 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 792268

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	11.3	8.5	12.7

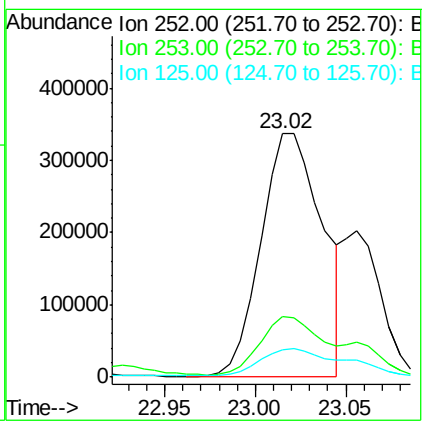


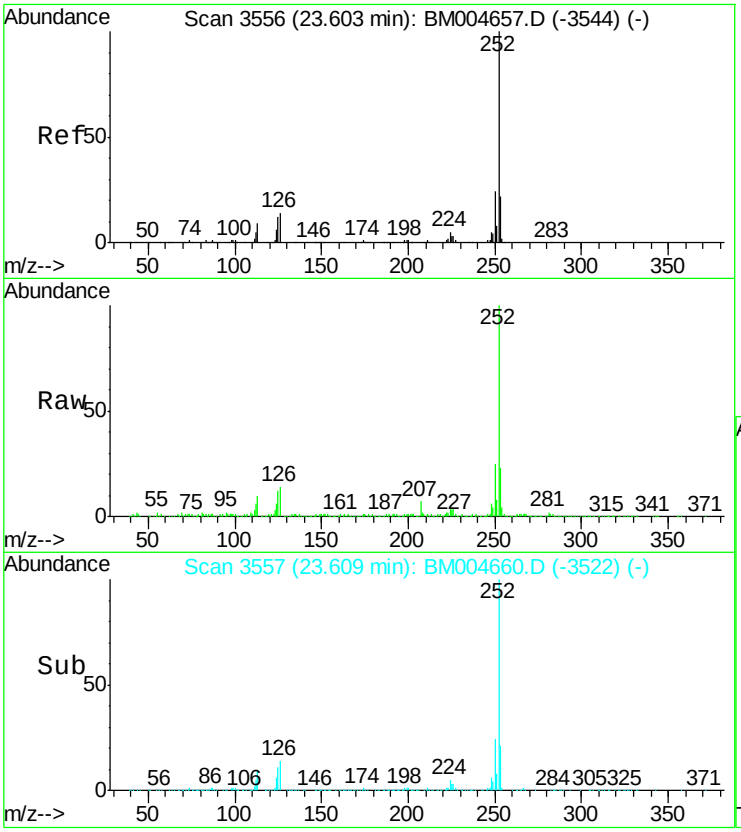


#89
Benzo(k)fluoranthene
Concen: 35.73 ng/ul
RT: 23.02 min Scan# 3456
Delta R.T. -0.04 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Tgt Ion:252 Resp: 792268

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	11.3	8.2	12.2



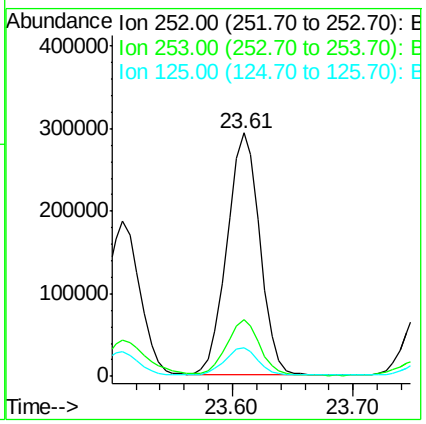


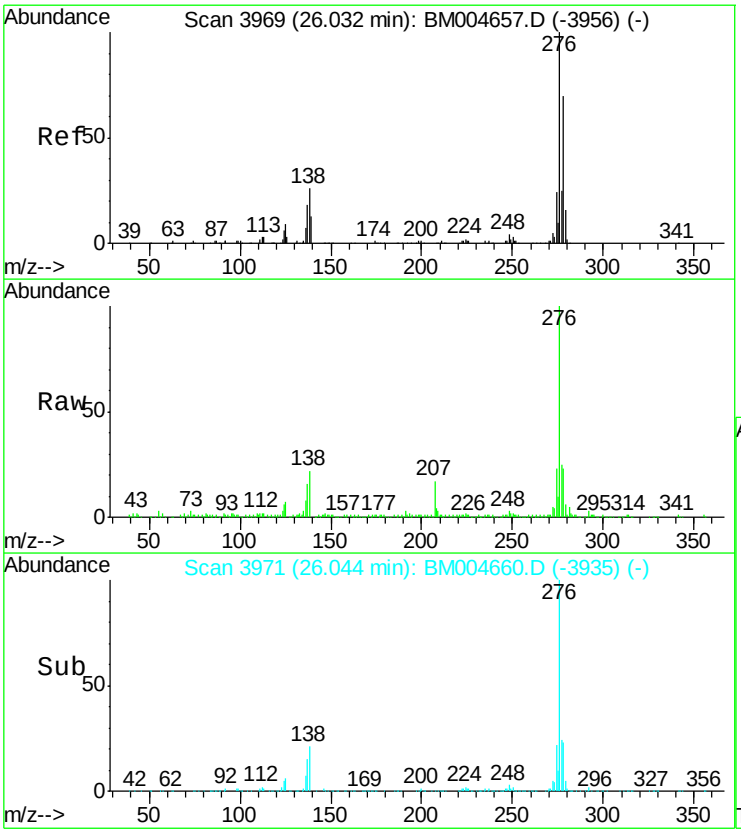
#91
Benzo(a)pyrene
Concen: 24.85 ng/ul
RT: 23.61 min Scan# 3557
Delta R.T. 0.01 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 555367

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	11.6	9.0	13.6

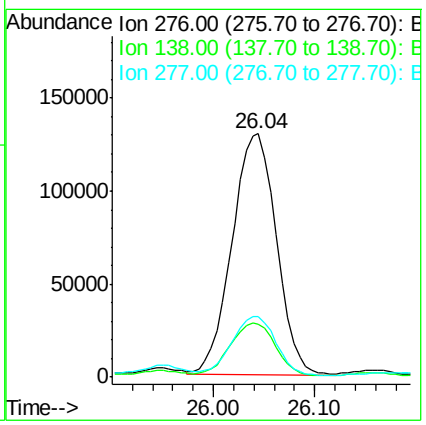


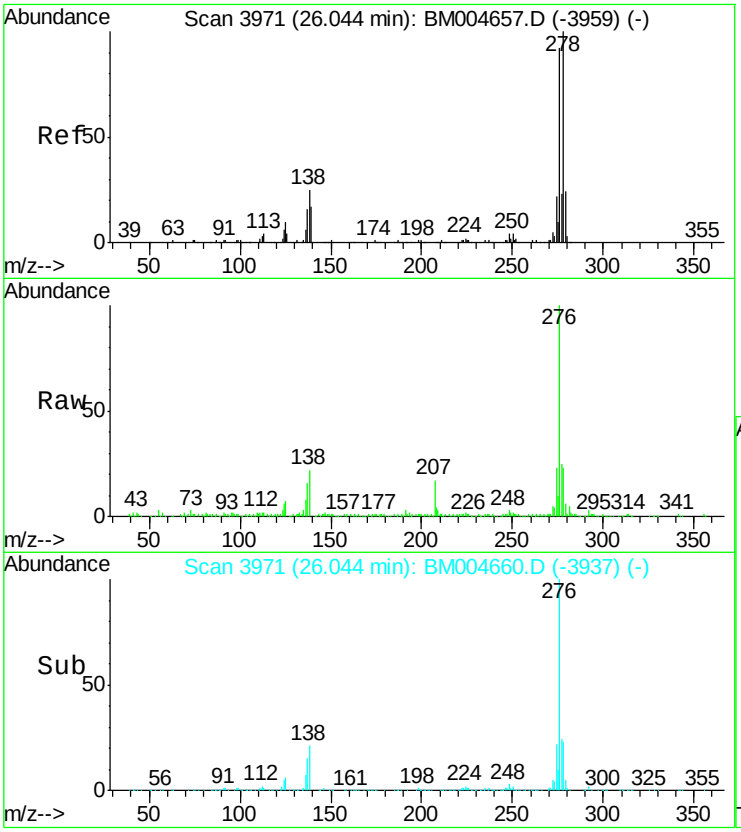


#92
Indeno(1,2,3-cd)pyrene
Concen: 15.66 ng/ul
RT: 26.04 min Scan# 3971
Delta R.T. 0.01 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Tgt Ion:276 Resp: 393507

Ion	Ratio	Lower	Upper
276	100		
138	21.8	22.3	33.5#
277	25.0	20.2	30.2



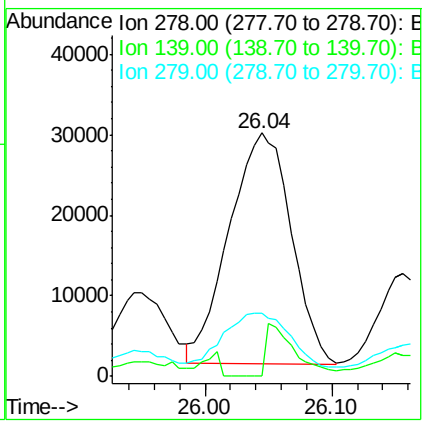


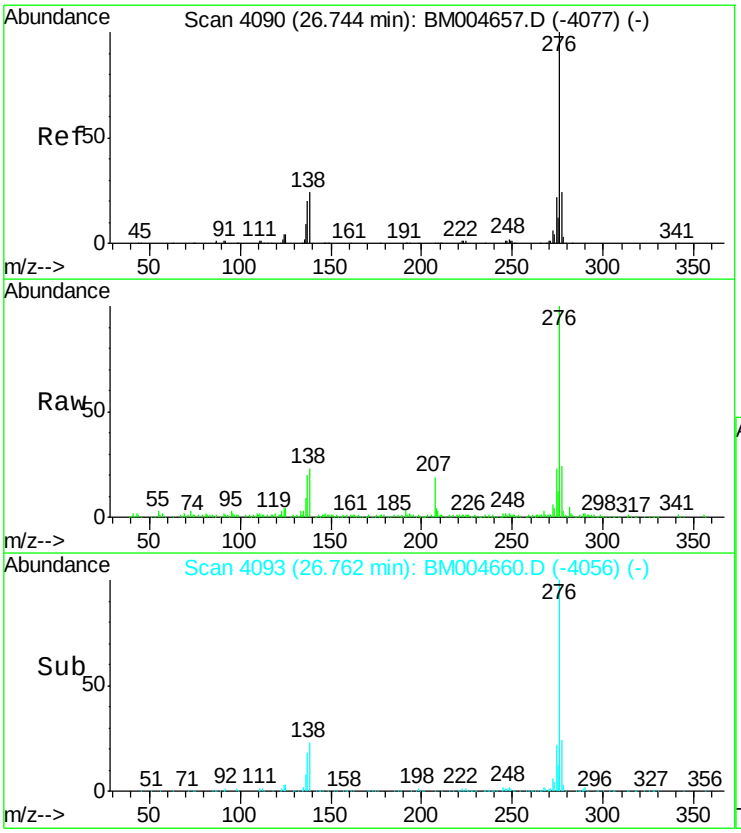
#93
Dibenzo(a,h)anthracene
Concen: 4.69 ng/ul
RT: 26.04 min Scan# 3971
Delta R.T. 0.00 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 97536

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	25.9	19.0	28.4





#94
Benzo(g,h,i)perylene
Concen: 17.80 ng/ul
RT: 26.76 min Scan# 4093
Delta R.T. 0.02 min
Lab File: BM004660.D
Acq: 17 Mar 2016 11:18

Tgt Ion:276 Resp: 378955

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.9	28.3
277	24.4	19.2	28.8