Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002231.D
Acq On : 05 Aug 2015 04:09
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01M4RE

Quant Time: Aug 05 05:34:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:56:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	149760	20.00	ng/ul	0.01
18) Naphthalene-d8	10.32	136	565461	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	277364	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.96	188	520989	20.00	ng/ul	0.01
78) Chrysene-d12	21.17	240	609864	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	638079	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	3910	1.48	ng/uL	0.00
5) Phenol-d5	6.73	99	100802	9.06	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	57016	9.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	88521	9.31	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	74819	8.10	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	42001	10.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	45474	9.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	83249	9.00	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	59549	5.82	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	213130	10.56	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	258681	10.14	ng/ul	0.01
52) 4-Nitrophenol-d4	14.47	143	19328	7.39	ng/ul	0.02
58) Fluorene-d10	15.20	176	170240	9.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	2441	0.81	ng/ul	0.02
71) Anthracene-d10	17.06	188	229261	9.89	ng/ul	0.01
79) Pyrene-d10	19.37	212	245911	8.42	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	294581	9.51	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	13.66	163	125541	6.24	ng/ul	99
48) Acenaphthylene	13.93	152	45633	1.75	ng/ul	97
70) Phenanthrene	17.00	178	134415	5.02	ng/ul	100
72) Anthracene	17.10	178	107514	3.93	ng/ul	99
75) Carbazole	17.37	167	25289	1.11	ng/ul	98
77) Fluoranthene	19.03	202	685319	23.41	ng/ul	99
80) Pyrene	19.40	202	708484	18.90	ng/ul	99
83) Benzo(a)anthracene	21.16	228	458045	13.41	ng/ul	96
85) Chrysene	21.21	228	596190	18.95	ng/ul	97
88) Benzo(b)fluoranthene	22.71	252	1065400	29.63	ng/ul#	97
89) Benzo(k)fluoranthene	22.71	252	276187	7.93	ng/ul	97
91) Benzo(a)pyrene	23.27	252	542999	15.81	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.57	276	412383	10.66	ng/ul	97
93) Dibenzo(a,h)anthracene	25.57	278	118726	3.60	ng/ul#	88
94) Benzo(g,h,i)perylene	26.26	276	360968	11.20	ng/ul	98

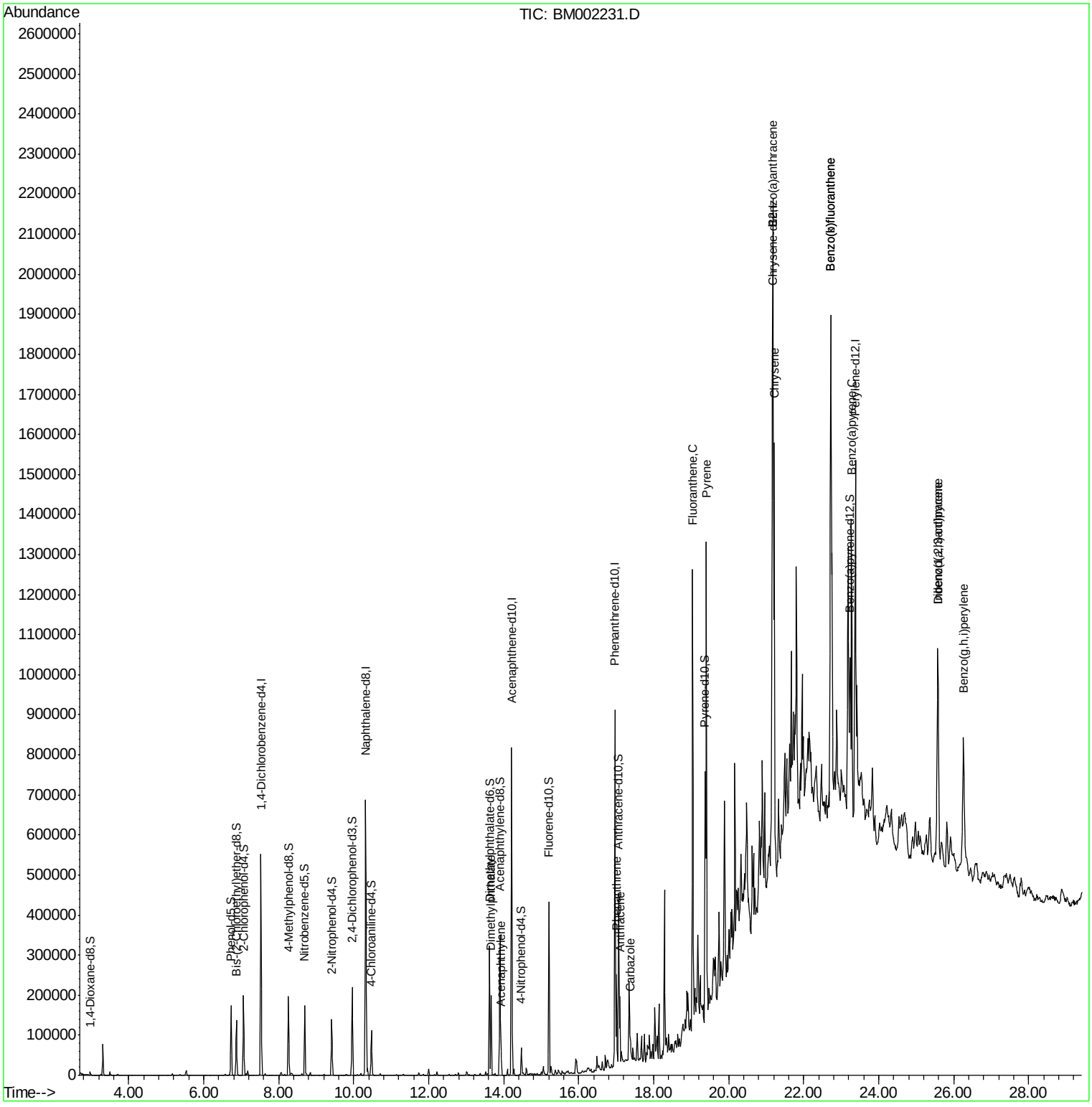
(#) = qualifier out of range (m) = manual integration (+) = signals summed

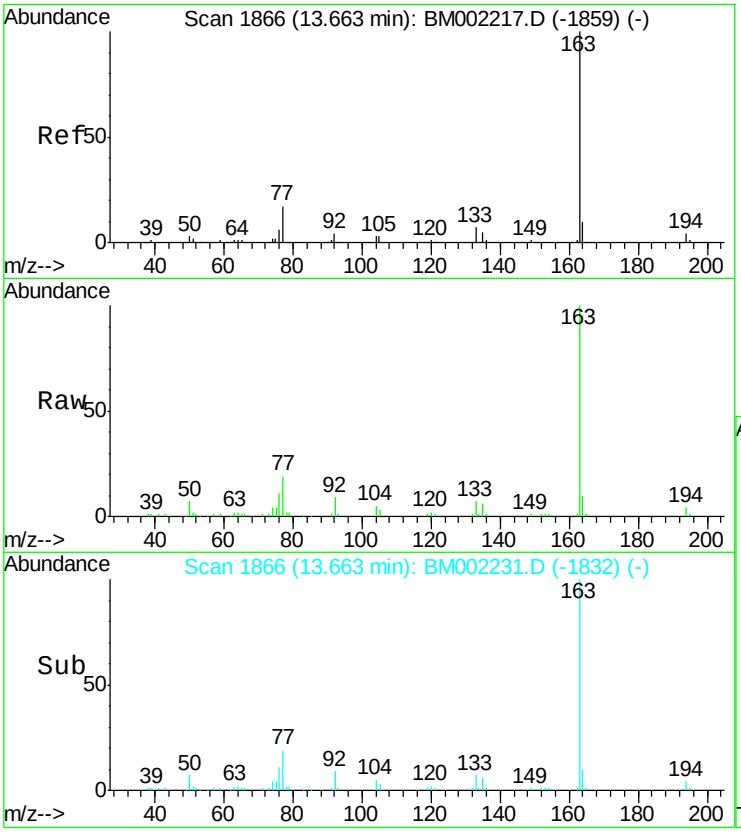
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002231.D
Acq On : 05 Aug 2015 04:09
Operator : TP/UM
Sample : G3095-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4RE

Quant Time: Aug 05 05:34:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:56:04 2015
Response via : Initial Calibration



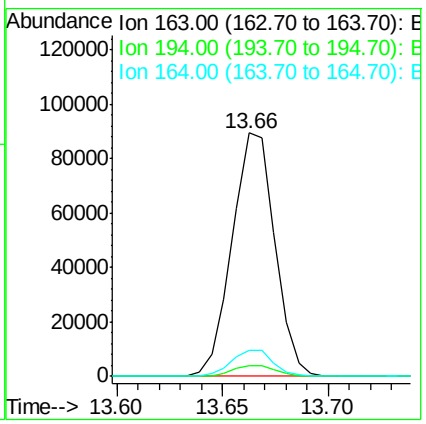


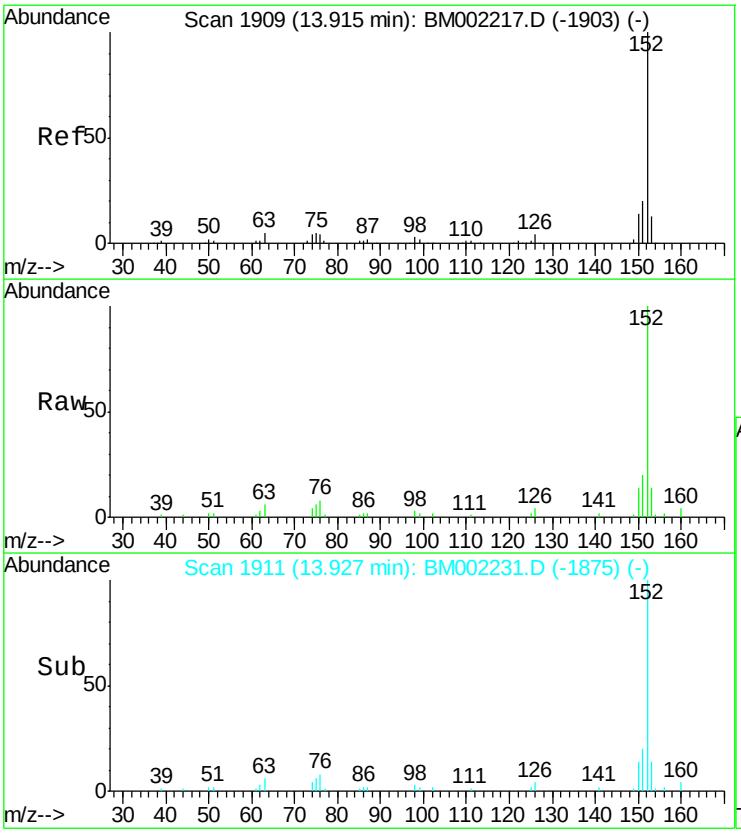
#45
Dimethylphthalate
Concen: 6.24 ng/ul
RT: 13.66 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Instrument :
BNA_M
ClientSampleId :
C01M4RE

Tgt Ion:163 Resp: 125541

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	7.9	11.9

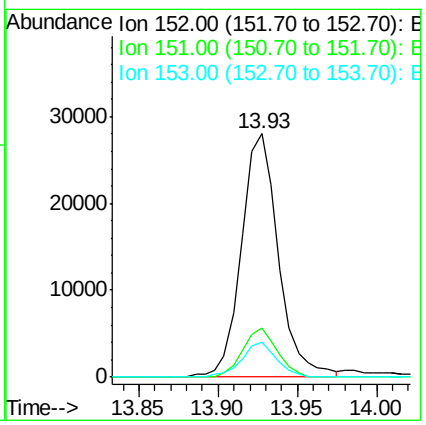


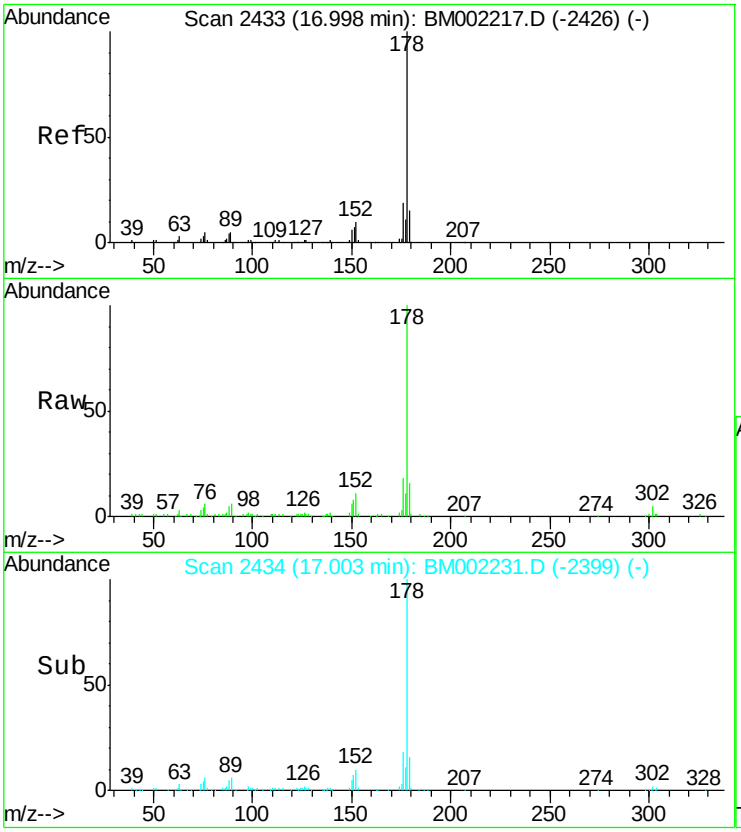


#48
Acenaphthylene
Concen: 1.75 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Tgt Ion:152 Resp: 45633

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.2	22.8
153	14.5	10.3	15.5



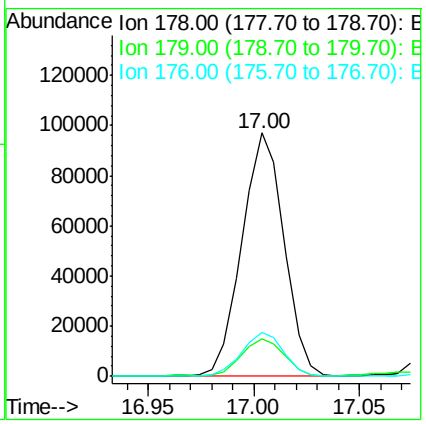


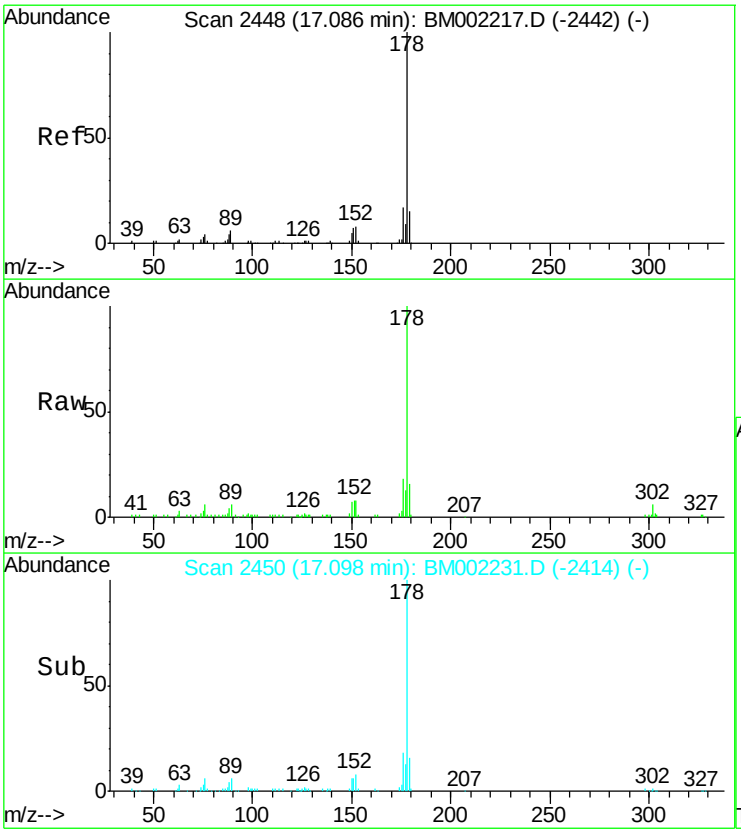
#70
Phenanthrene
Concen: 5.02 ng/ul
RT: 17.00 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Instrument :
BNA_M
ClientSampleId :
C01M4RE

Tgt Ion:178 Resp: 134415

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	18.2	14.6	21.8

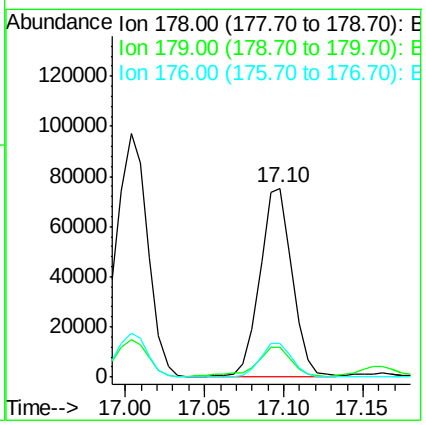


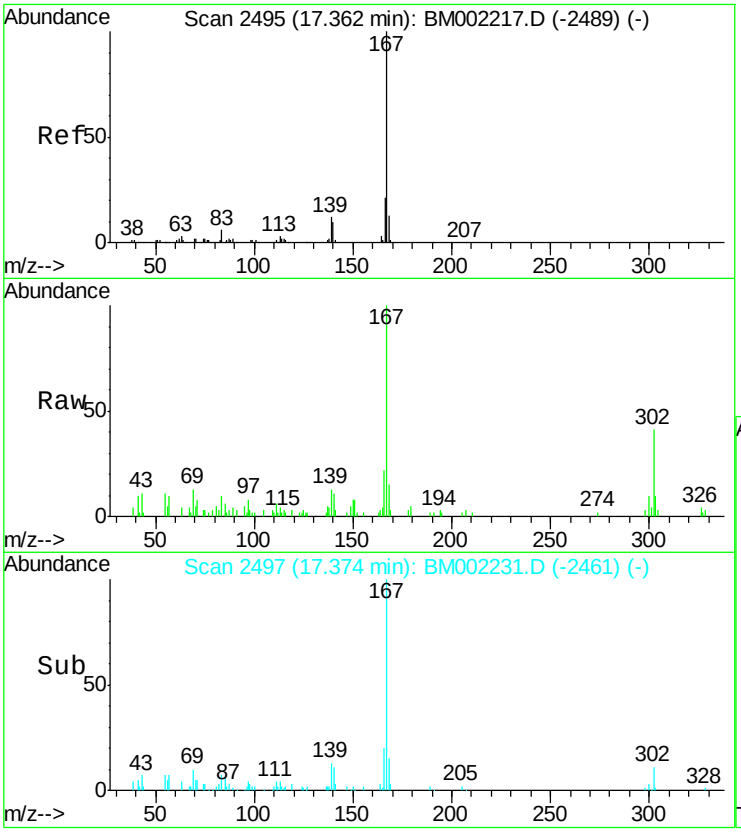


#72
Anthracene
Concen: 3.93 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Tgt Ion:178 Resp: 107514

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	17.7	13.8	20.6



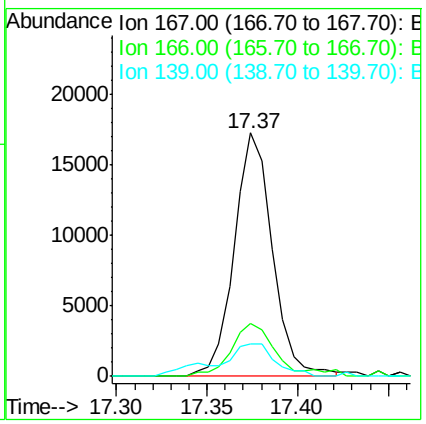


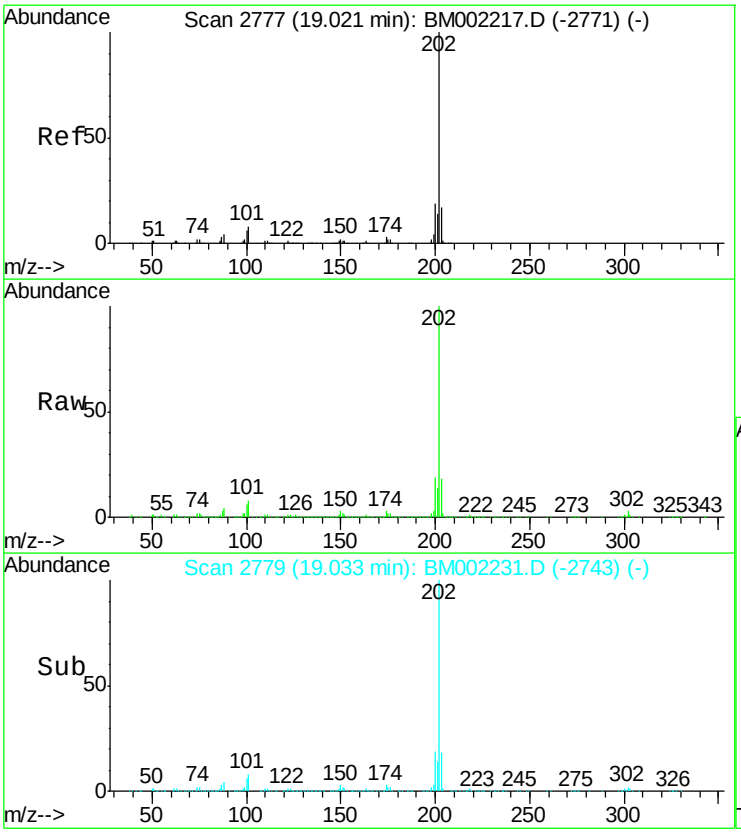
#75
Carbazole
Concen: 1.11 ng/ul
RT: 17.37 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Instrument :
BNA_M
ClientSampleId :
C01M4RE

Tgt Ion:167 Resp: 25289

Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.7	25.1
139	13.4	9.4	14.2

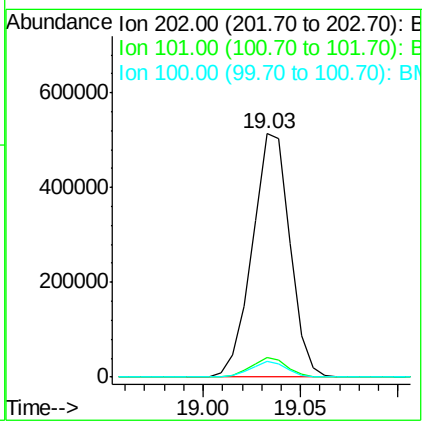


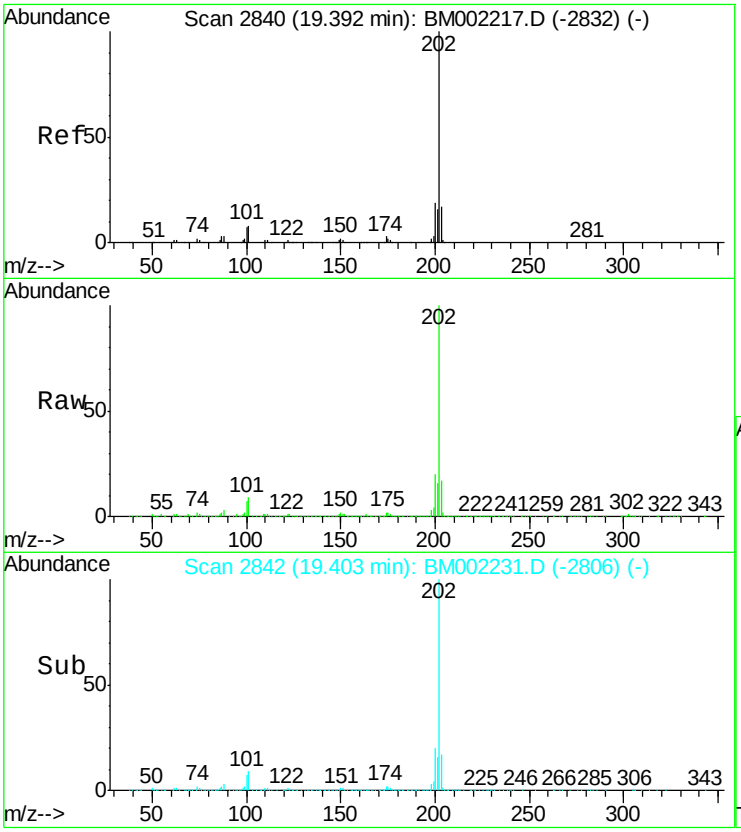


#77
Fluoranthene
Concen: 23.41 ng/ul
RT: 19.03 min Scan# 2779
Delta R.T. 0.01 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Tgt Ion:202 Resp: 685319

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.2	9.2
100	6.3	4.8	7.2



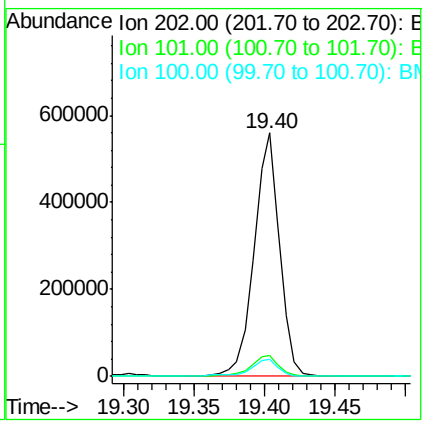


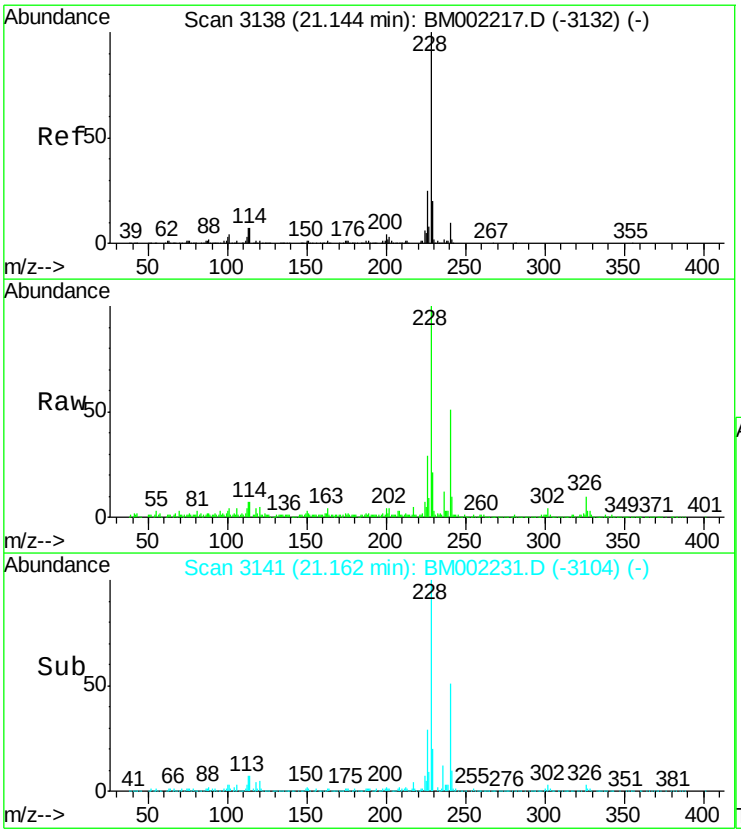
#80
Pyrene
Concen: 18.90 ng/ul
RT: 19.40 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Instrument :
BNA_M
ClientSampleId :
C01M4RE

Tgt Ion:202 Resp: 708484

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.6
100	7.0	5.8	8.8

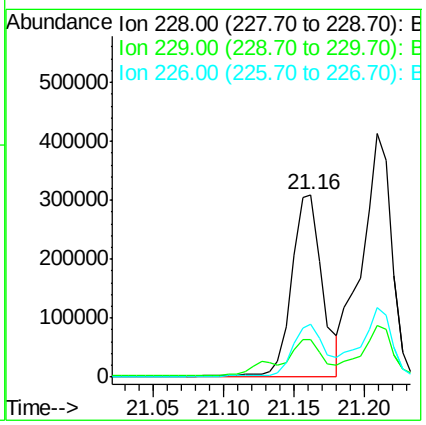


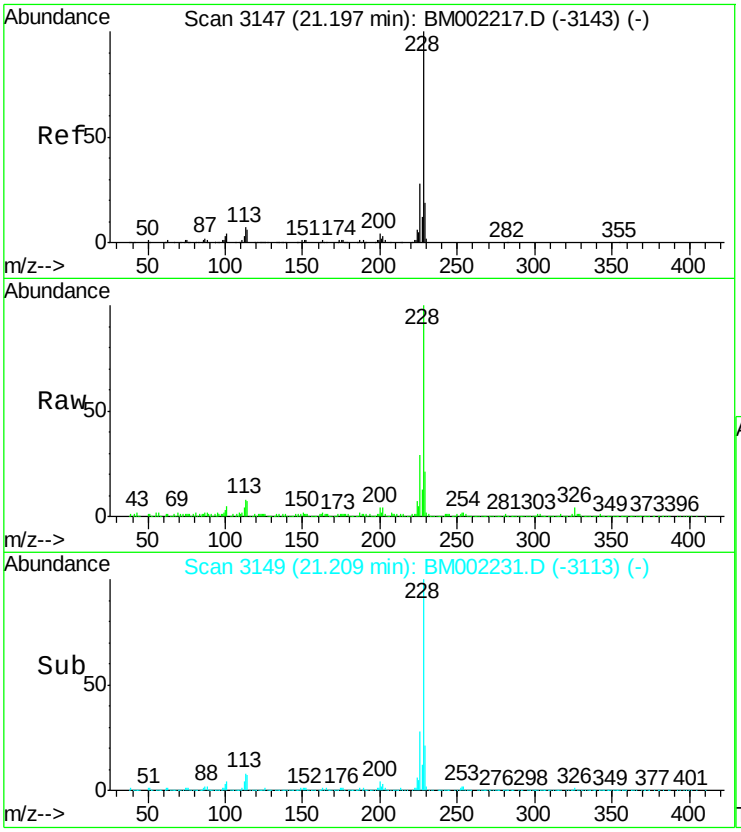


#83
Benzo(a)anthracene
Concen: 13.41 ng/ul
RT: 21.16 min Scan# 3141
Delta R.T. 0.02 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Tgt Ion:228 Resp: 458045

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	29.0	20.6	31.0



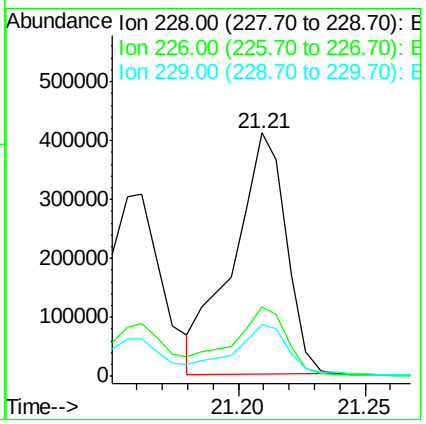


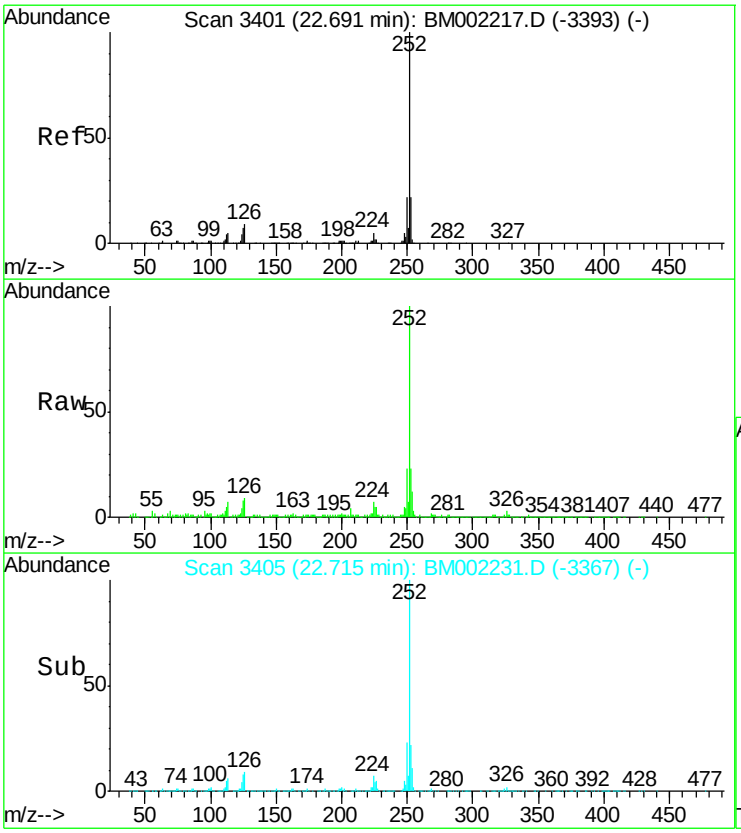
#85
Chrysene
Concen: 18.95 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Instrument :
BNA_M
ClientSampleId :
C01M4RE

Tgt Ion:228 Resp: 596190

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	21.4	15.5	23.3

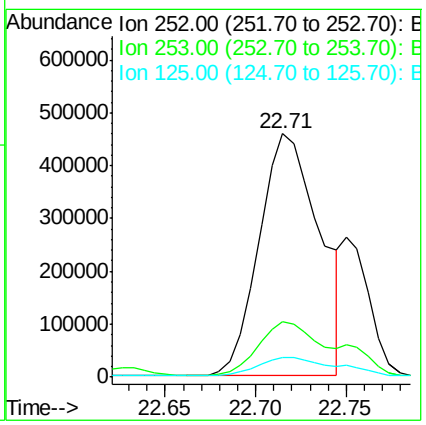


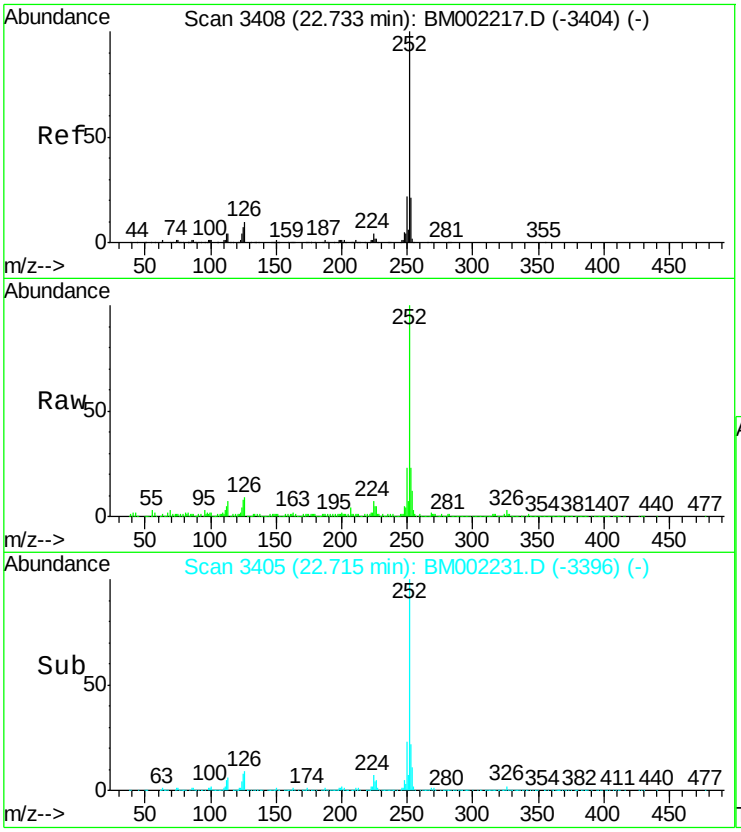


#88
Benzo(b)fluoranthene
Concen: 29.63 ng/ul
RT: 22.71 min Scan# 3405
Delta R.T. 0.02 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Tgt Ion:252 Resp: 1065400

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	8.2	5.4	8.2#



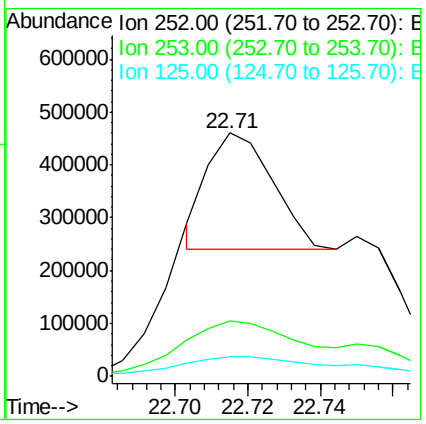


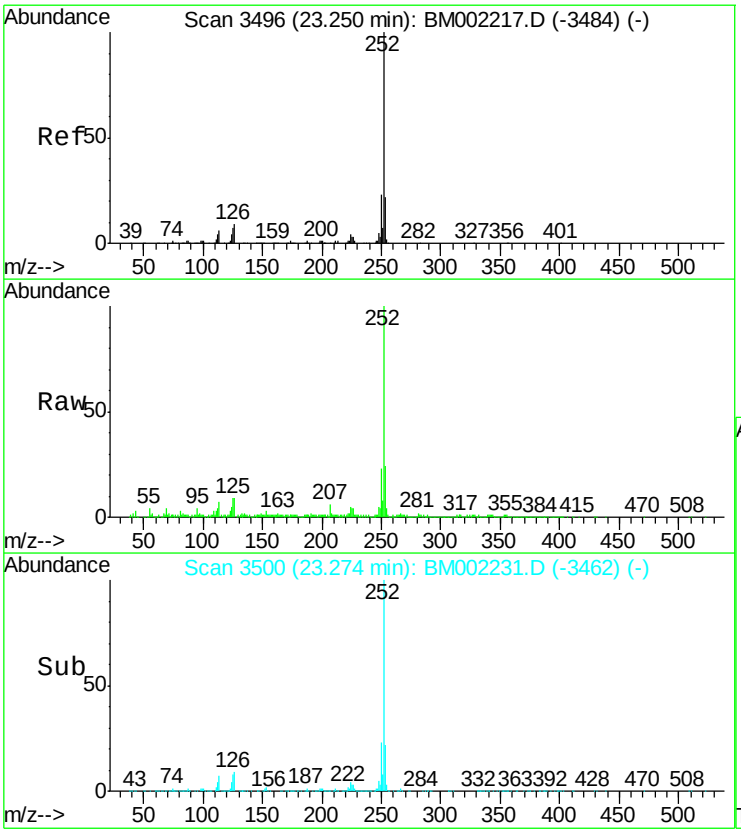
#89
Benzo(k)fluoranthene
Concen: 7.93 ng/ul
RT: 22.71 min Scan# 3405
Delta R.T. -0.02 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Instrument :
BNA_M
ClientSampleId :
C01M4RE

Tgt Ion:252 Resp: 276187

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	8.2	5.6	8.4

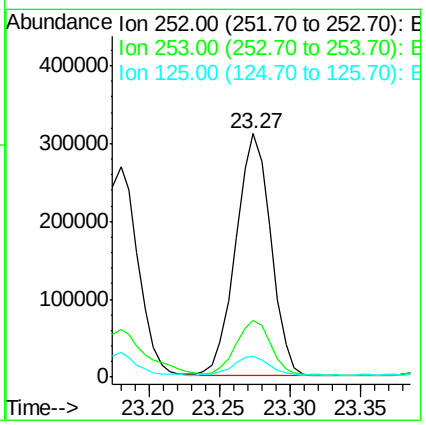


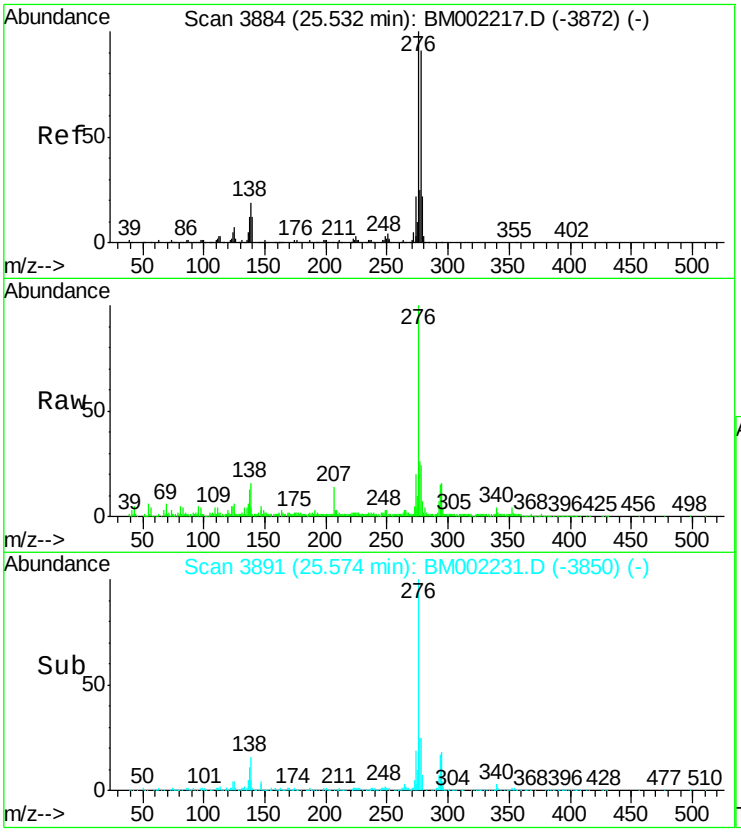


#91
Benzo(a)pyrene
Concen: 15.81 ng/ul
RT: 23.27 min Scan# 3500
Delta R.T. 0.02 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Tgt Ion:252 Resp: 542999

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	8.5	6.1	9.1



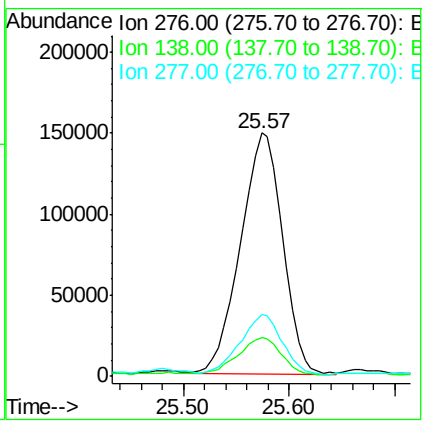


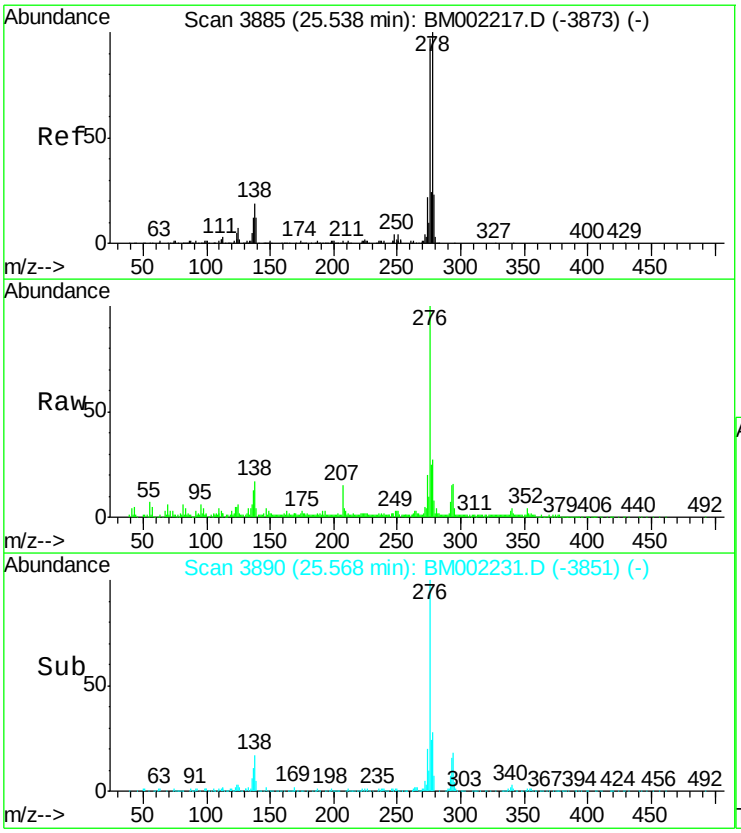
#92
Indeno(1,2,3-cd)pyrene
Concen: 10.66 ng/ul
RT: 25.57 min Scan# 3891
Delta R.T. 0.04 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Instrument :
BNA_M
ClientSampleId :
C01M4RE

Tgt Ion:276 Resp: 412383

Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.4	23.0
277	25.6	20.2	30.2

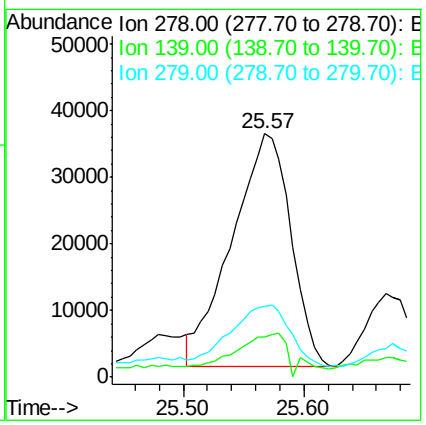


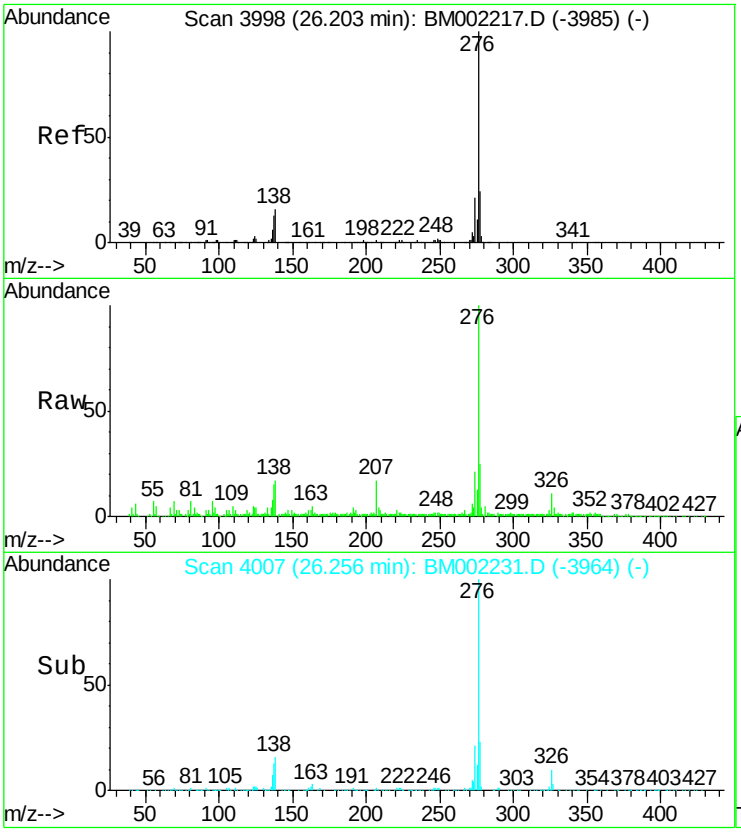


#93
Dibenzo(a,h)anthracene
Concen: 3.60 ng/ul
RT: 25.57 min Scan# 3890
Delta R.T. 0.03 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Tgt Ion:278 Resp: 118726

Ion	Ratio	Lower	Upper
278	100		
139	16.6	10.4	15.6#
279	29.1	17.9	26.9#





#94
Benzo(g,h,i)perylene
Concen: 11.20 ng/ul
RT: 26.26 min Scan# 4007
Delta R.T. 0.05 min
Lab File: BM002231.D
Acq: 05 Aug 2015 04:09

Instrument :
BNA_M
ClientSampleId :
C01M4RE

Tgt Ion:276 Resp: 360968

Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.5	18.7
277	25.3	19.4	29.0