Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002230.D
Acq On : 05 Aug 2015 03:33
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S4RE

Quant Time: Aug 05 05:33:52 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	162171	20.00	ng/ul	0.01
18) Naphthalene-d8	10.32	136	692813	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	409312	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.97	188	835050	20.00	ng/ul	0.02
78) Chrysene-d12	21.18	240	735009	20.00	ng/ul	0.02
86) Perylene-d12	23.37	264	717524	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	3273	1.15	ng/uL	0.00
5) Phenol-d5	6.73	99	88884	7.38	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.86	67	48014	7.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	76859	7.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	75008	7.50	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	37393	7.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	38248	6.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	79884	7.05	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	69230	5.52	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	235956	7.92	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	284075	7.55	ng/ul	0.01
52) 4-Nitrophenol-d4	14.47	143	12323	3.19	ng/ul	0.02
58) Fluorene-d10	15.20	176	198487	7.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.06	188	278655	7.50	ng/ul	0.01
79) Pyrene-d10	19.37	212	259230	7.37	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.23	264	255944	7.35	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.37	128	67941	2.07	ng/ul	98
45) Dimethylphthalate	13.66	163	72909	2.46	ng/ul	100
48) Acenaphthylene	13.93	152	101924	2.66	ng/ul	100
50) Acenaphthene	14.27	153	97045	3.87	ng/ul	99
54) Dibenzofuran	14.61	168	57822	1.59	ng/ul	97
59) Fluorene	15.26	166	100595	3.37	ng/ul	99
70) Phenanthrene	17.02	178	1777306	41.45	ng/ul	100
72) Anthracene	17.10	178	475037	10.84	ng/ul	100
75) Carbazole	17.37	167	108668	2.98	ng/ul	98
77) Fluoranthene	19.05	202	4155561	88.56	ng/ul	98
80) Pyrene	19.42	202	3631090	80.38	ng/ul	96
83) Benzo(a)anthracene	21.17	228	1983780	48.18	ng/ul	98
85) Chrysene	21.22	228	1770574	46.70	ng/ul	96
88) Benzo(b)fluoranthene	22.73	252	2400668	59.38	ng/ul#	98
89) Benzo(k)fluoranthene	22.73	252	1214929	31.03	ng/ul#	98
91) Benzo(a)pyrene	23.29	252	1760346	45.59	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.60	276	1141346	26.23	ng/ul	96
93) Dibenzo(a,h)anthracene	25.59	278	297869	8.03	ng/ul#	83
94) Benzo(g,h,i)perylene	26.28	276	1026419	28.33	ng/ul	100

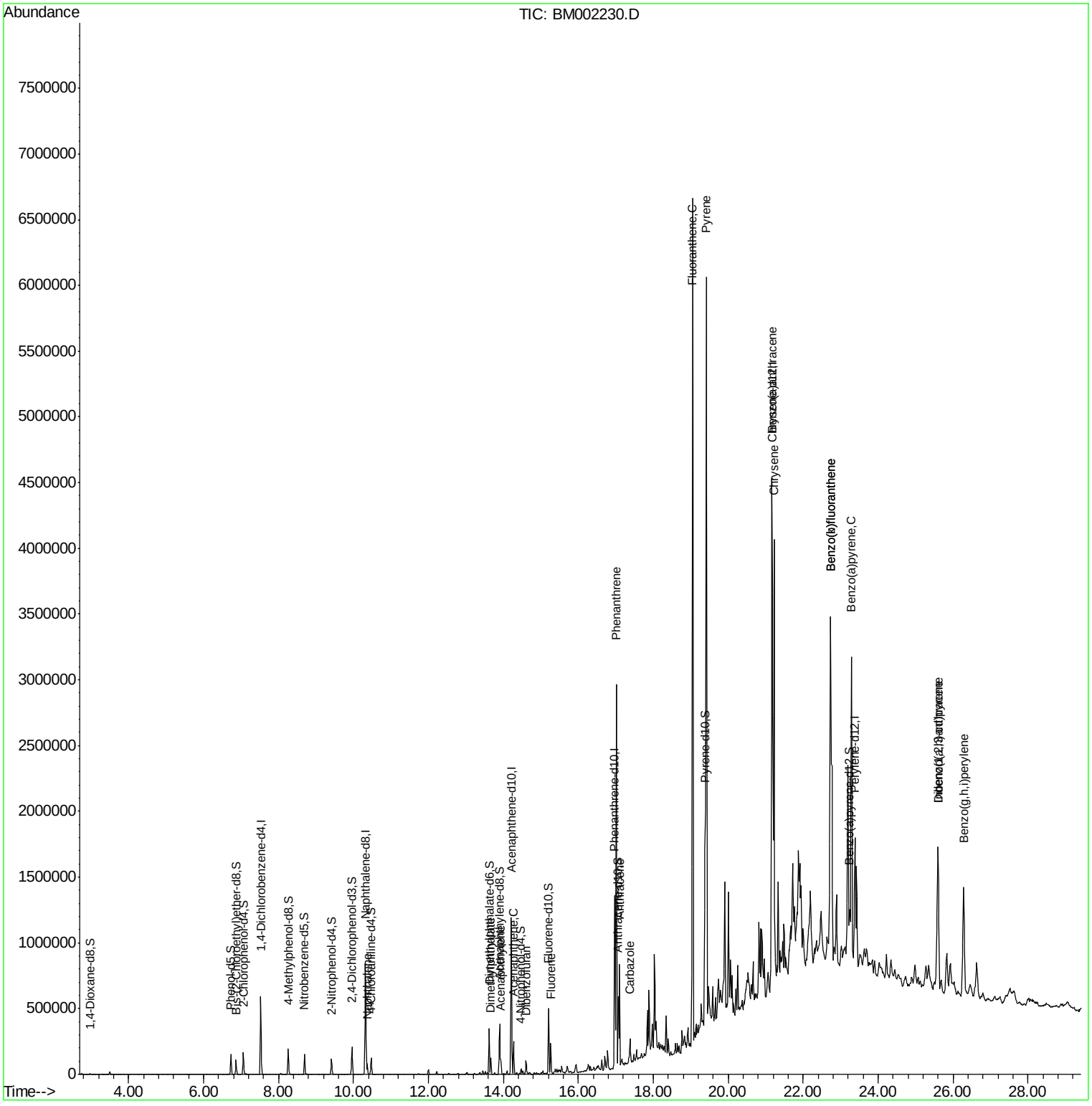
(#) = qualifier out of range (m) = manual integration (+) = signals summed

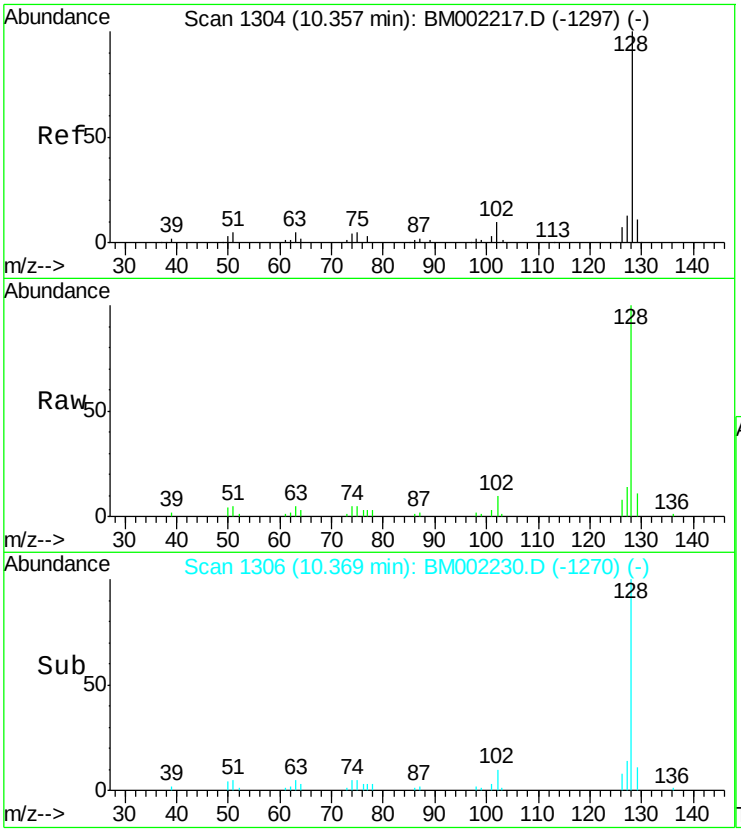
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002230.D
Acq On : 05 Aug 2015 03:33
Operator : TP/UM
Sample : G3095-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Quant Time: Aug 05 05:33:52 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



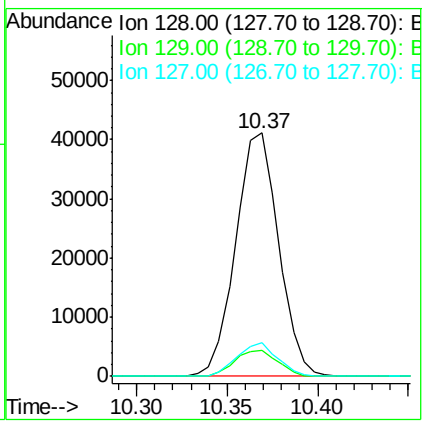


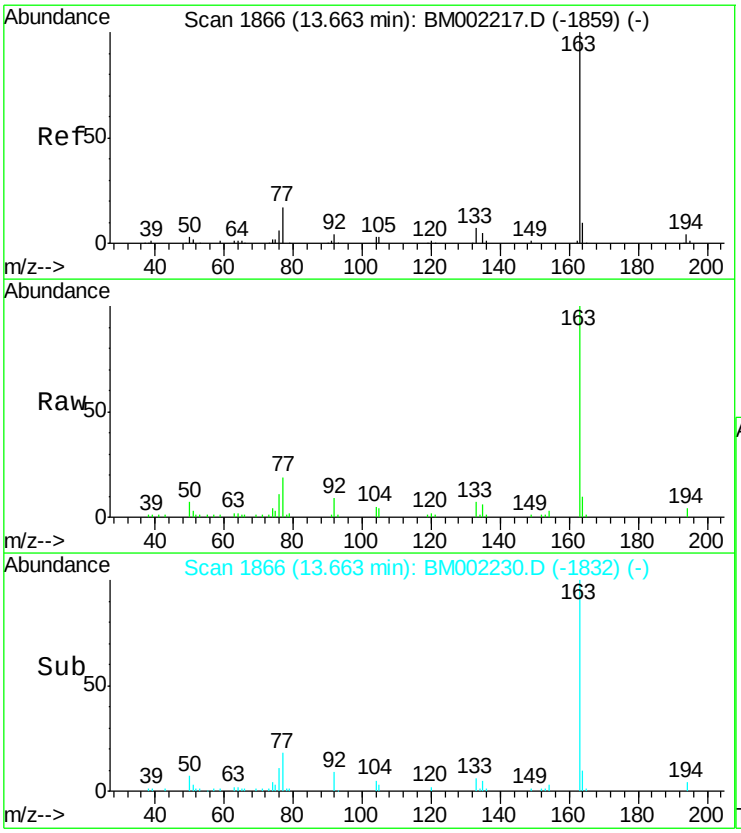
#28
Naphthalene
Concen: 2.07 ng/ul
RT: 10.37 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:128 Resp: 67941

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.2	12.2
127	13.8	10.1	15.1

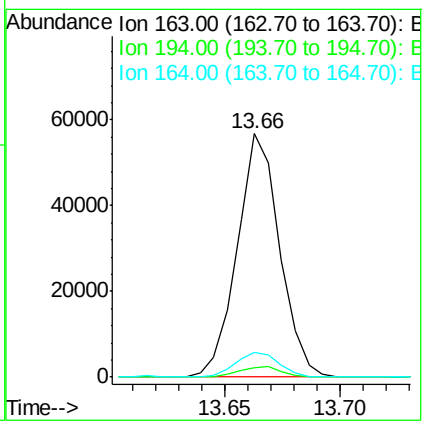


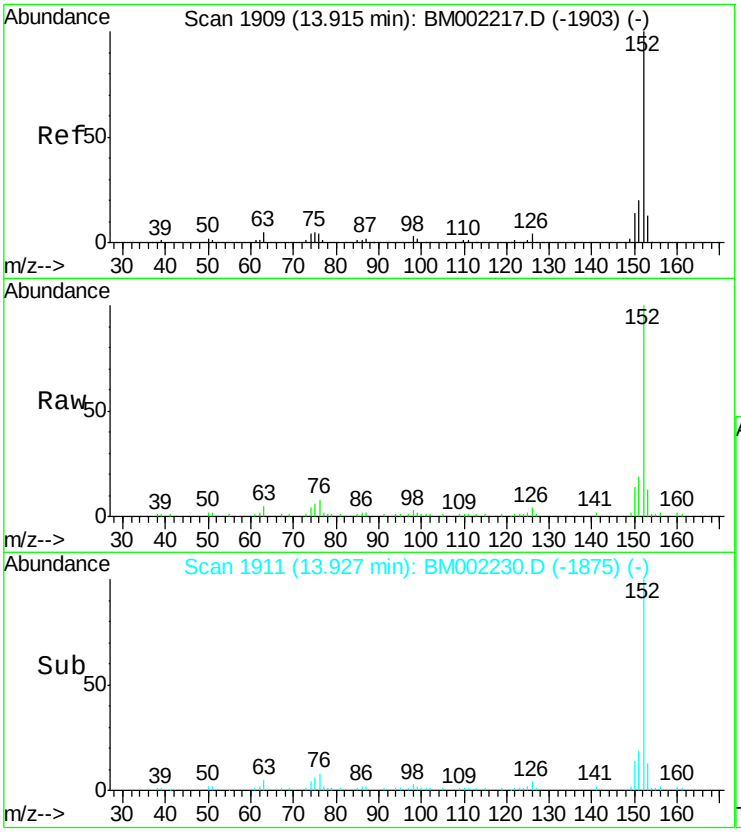


#45
Dimethylphthalate
Concen: 2.46 ng/ul
RT: 13.66 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Tgt Ion:163 Resp: 72909

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	7.9	11.9



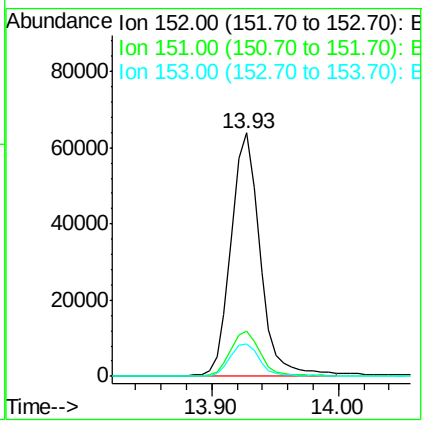


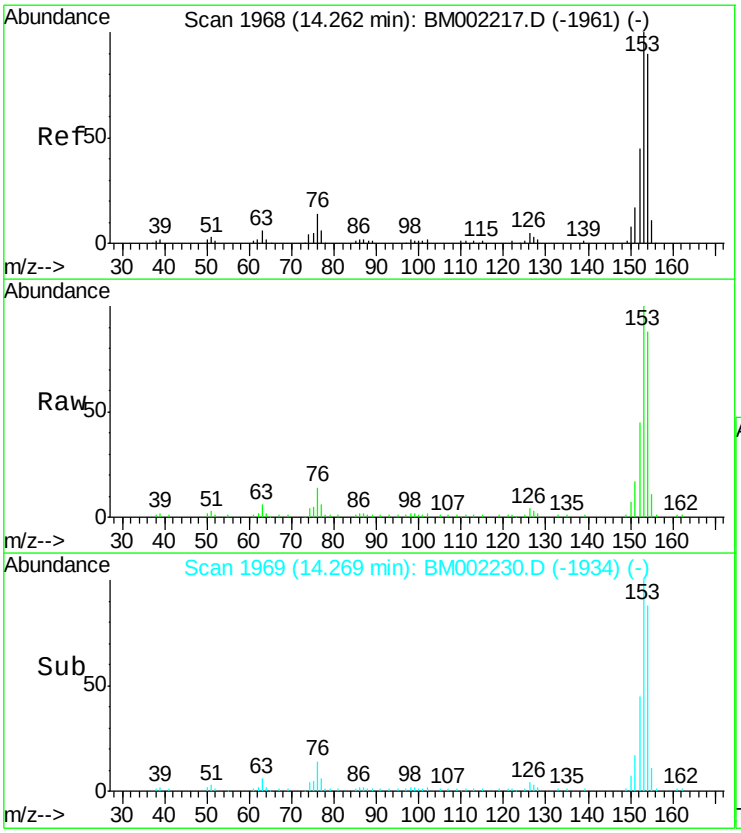
#48
Acenaphthylene
Concen: 2.66 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:152 Resp: 101924

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.2	22.8
153	13.1	10.3	15.5

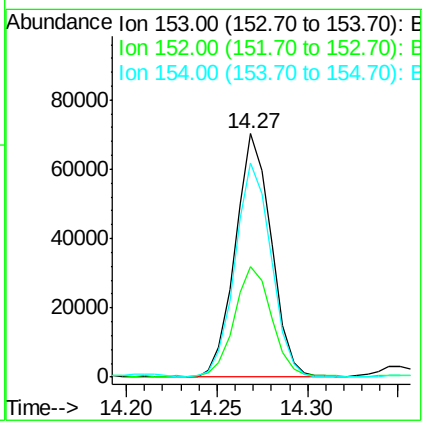


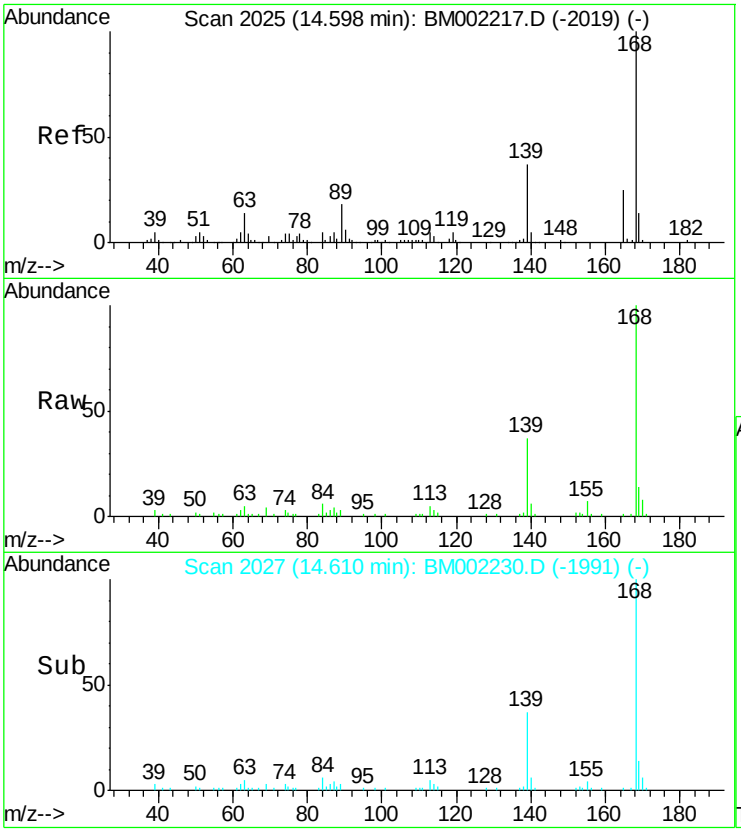


#50
Acenaphthene
Concen: 3.87 ng/ul
RT: 14.27 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Tgt Ion:153 Resp: 97045

Ion	Ratio	Lower	Upper
153	100		
152	45.2	36.6	54.8
154	87.8	71.7	107.5



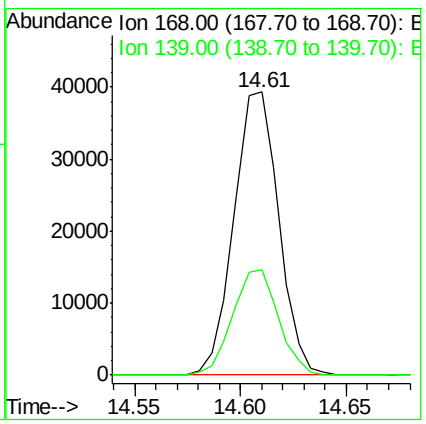


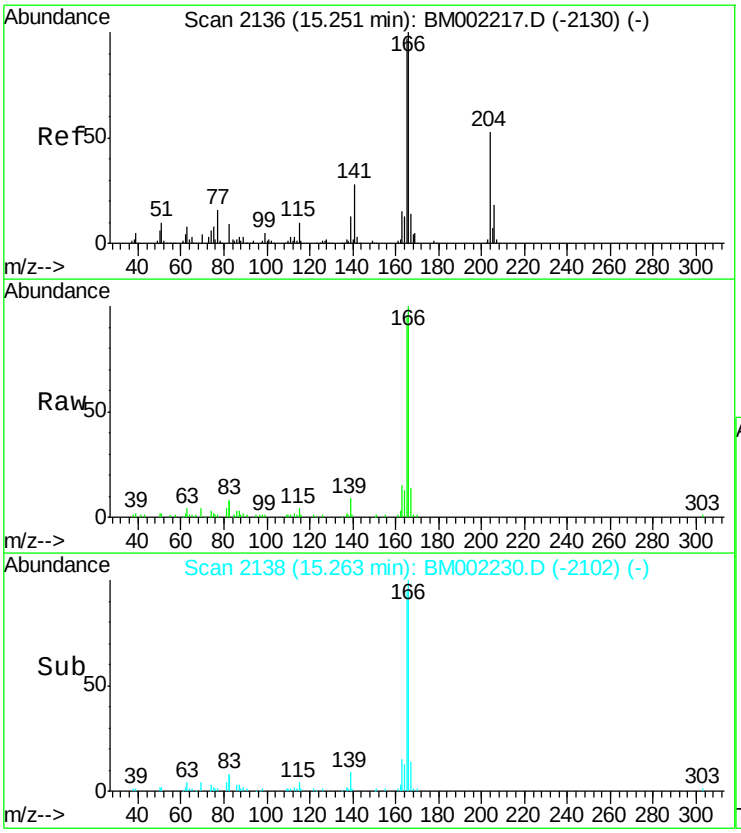
#54
Dibenzofuran
Concen: 1.59 ng/ul
RT: 14.61 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:168 Resp: 57822

Ion	Ratio	Lower	Upper
168	100		
139	37.3	28.6	42.8

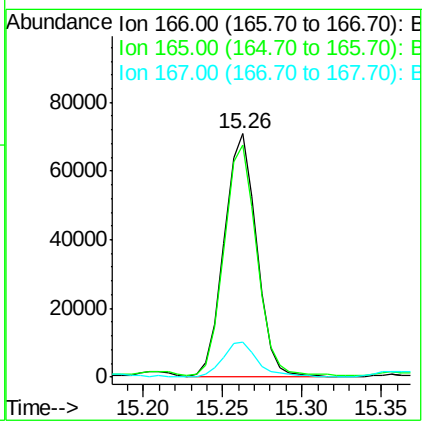


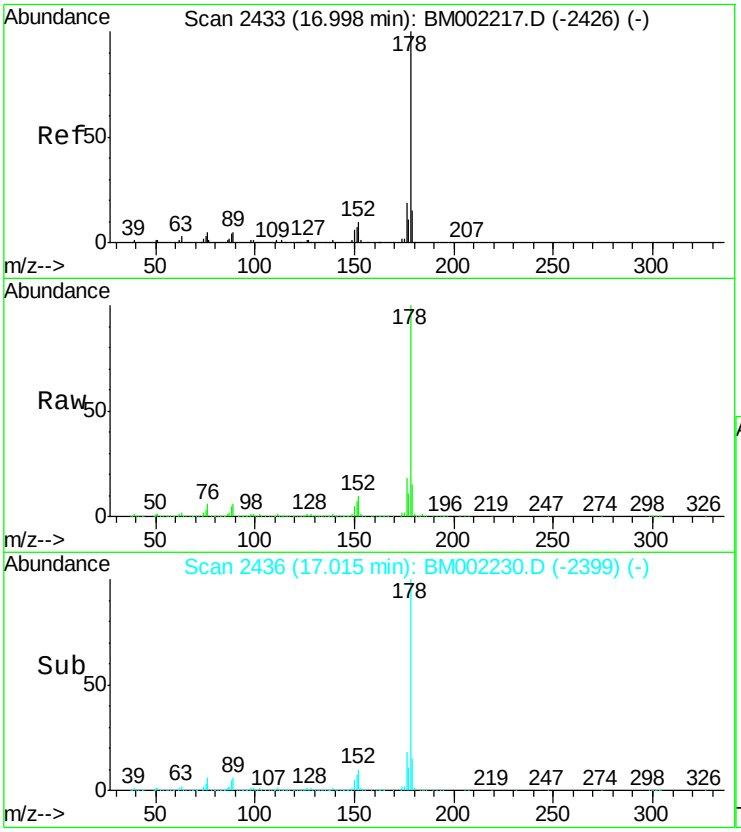


#59
Fluorene
Concen: 3.37 ng/ul
RT: 15.26 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Tgt Ion:166 Resp: 100595

Ion	Ratio	Lower	Upper
166	100		
165	95.5	76.0	114.0
167	14.4	10.5	15.7



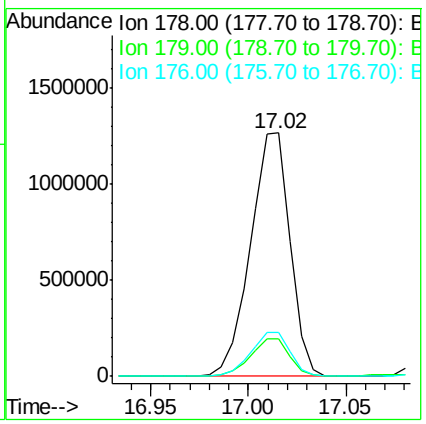


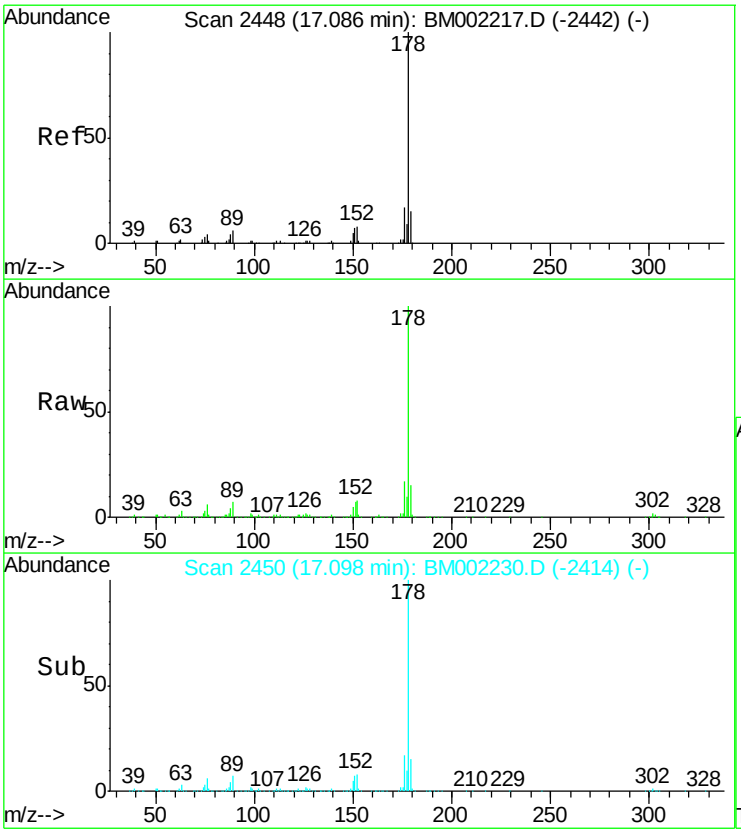
#70
Phenanthrene
Concen: 41.45 ng/ul
RT: 17.02 min Scan# 2436
Delta R.T. 0.02 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:178 Resp: 1777306

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.0	14.6	21.8

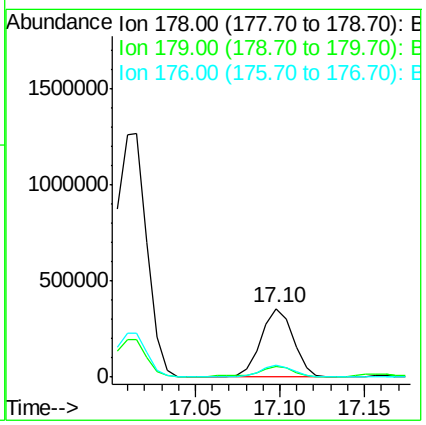


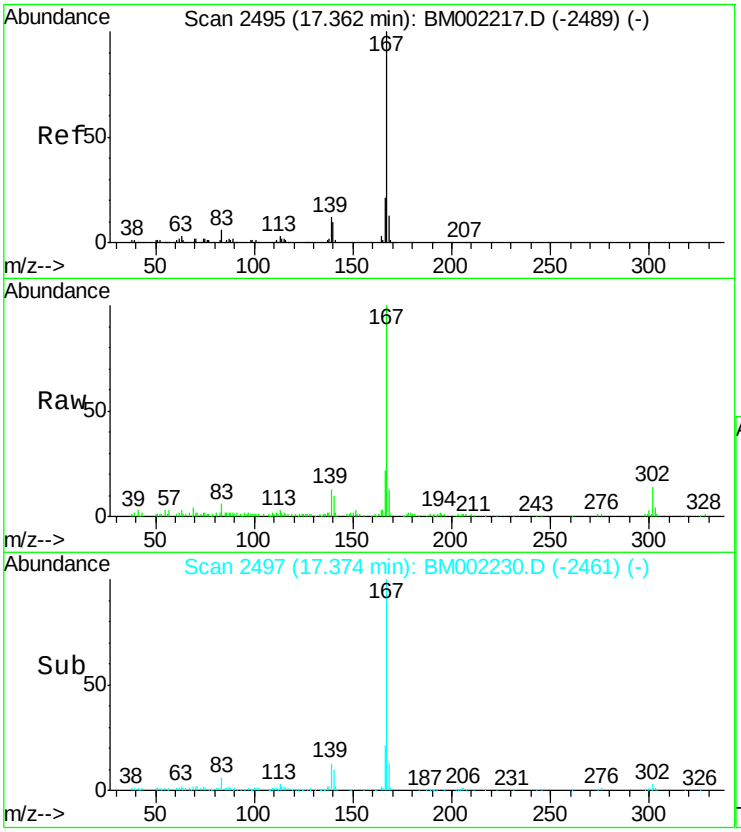


#72
Anthracene
Concen: 10.84 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Tgt Ion:178 Resp: 475037

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	17.5	13.8	20.6



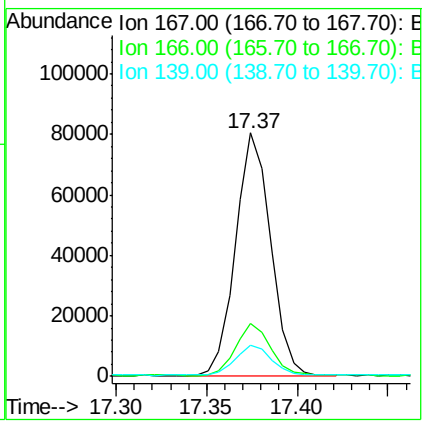


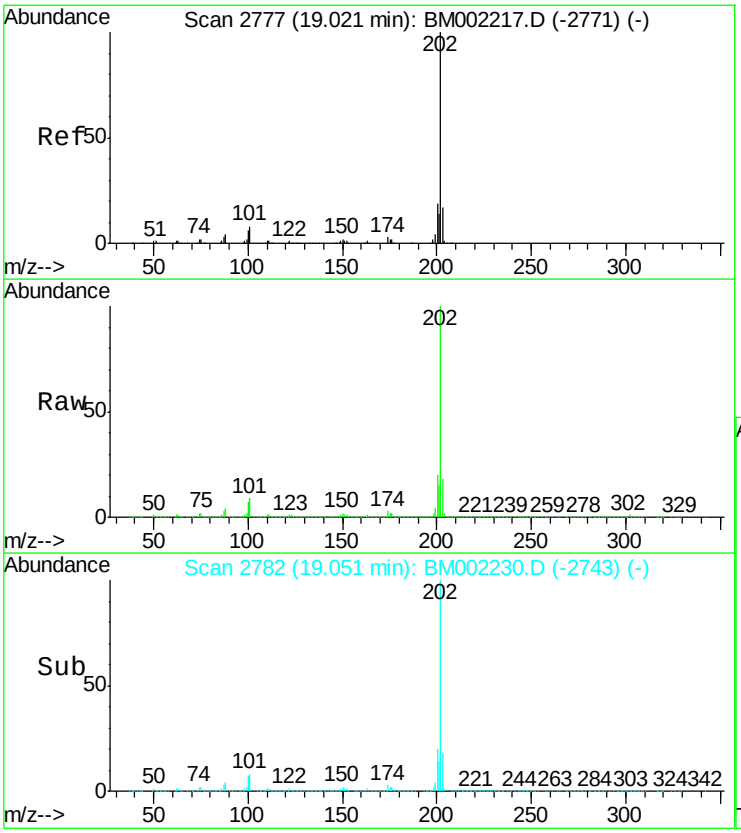
#75
Carbazole
Concen: 2.98 ng/ul
RT: 17.37 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:167 Resp: 108668

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.7	25.1
139	12.9	9.4	14.2

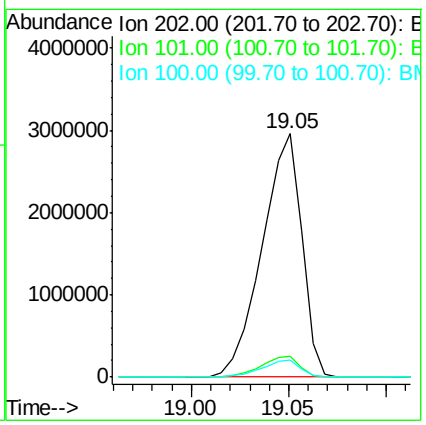


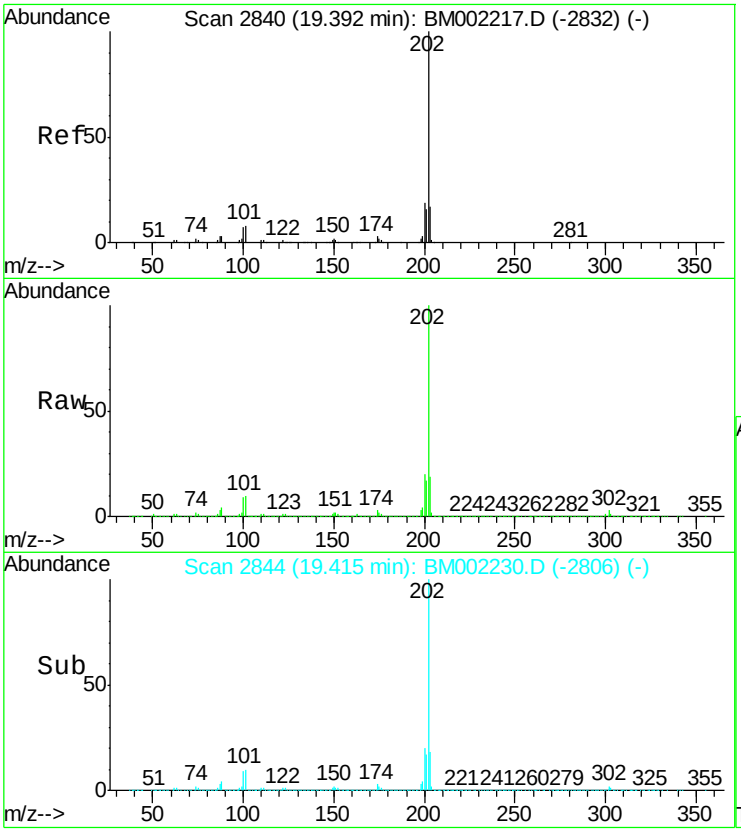


#77
Fluoranthene
Concen: 88.56 ng/ul
RT: 19.05 min Scan# 2782
Delta R.T. 0.03 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Tgt Ion:202 Resp: 4155561

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.2	9.2
100	6.7	4.8	7.2



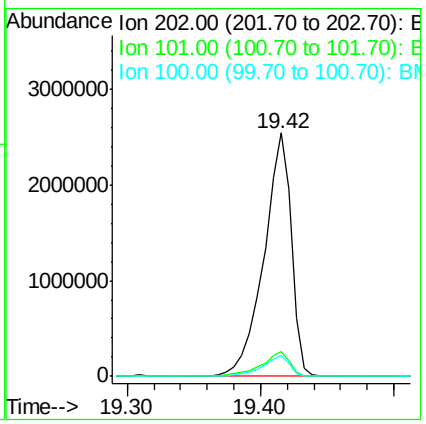


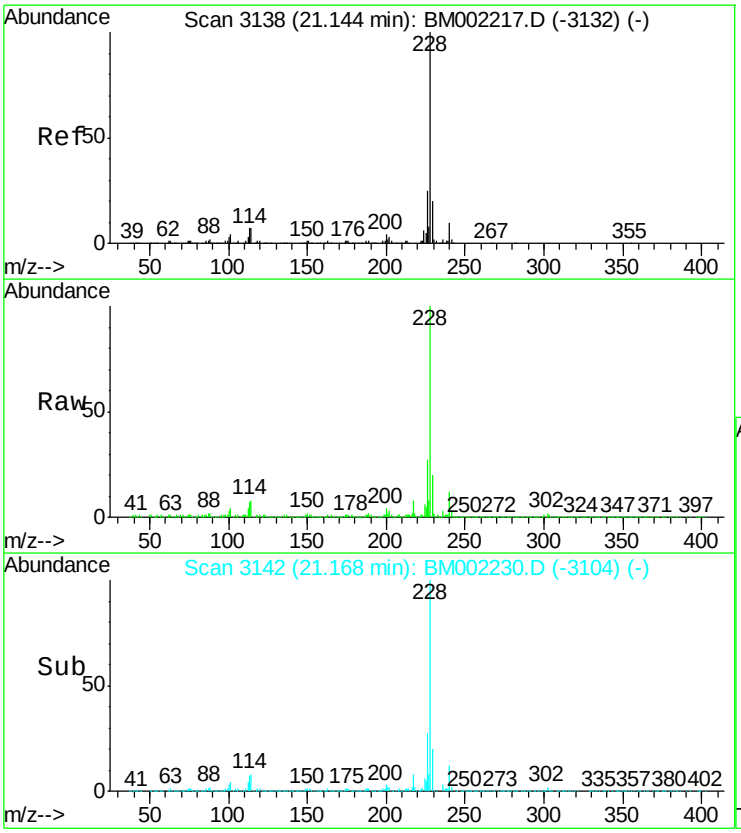
#80
Pyrene
Concen: 80.38 ng/ul
RT: 19.42 min Scan# 2844
Delta R.T. 0.02 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:202 Resp: 3631090

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.0	10.6
100	8.7	5.8	8.8

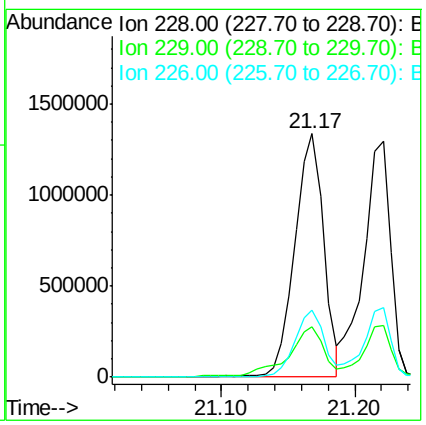


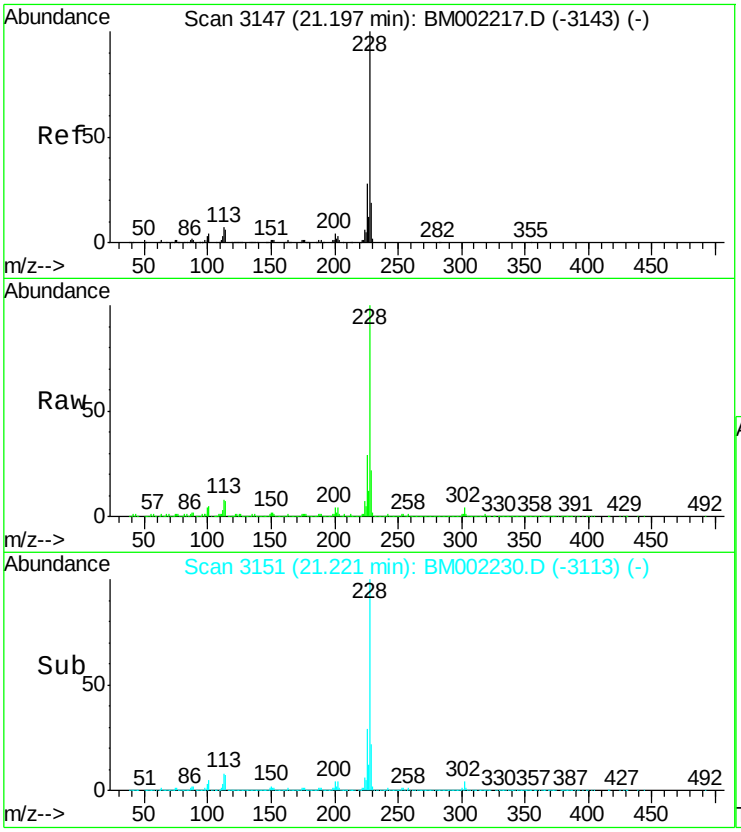


#83
Benzo(a)anthracene
Concen: 48.18 ng/ul
RT: 21.17 min Scan# 3142
Delta R.T. 0.02 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Tgt Ion:228 Resp: 1983780

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	27.3	20.6	31.0



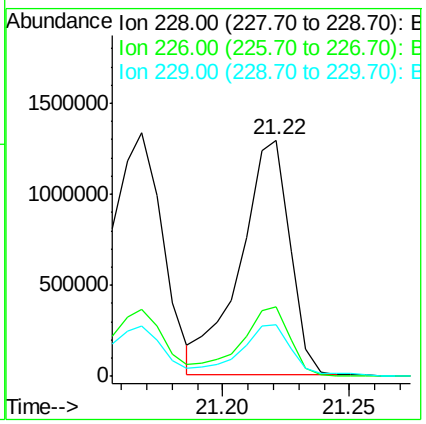


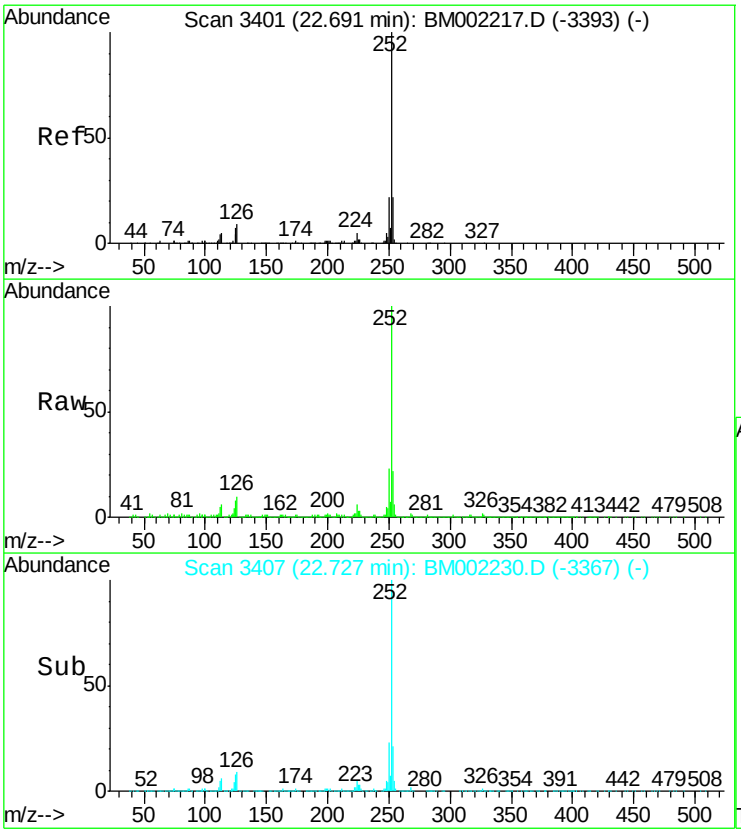
#85
Chrysene
Concen: 46.70 ng/ul
RT: 21.22 min Scan# 3151
Delta R.T. 0.02 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:228 Resp: 1770574

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.2	33.4
229	22.0	15.5	23.3

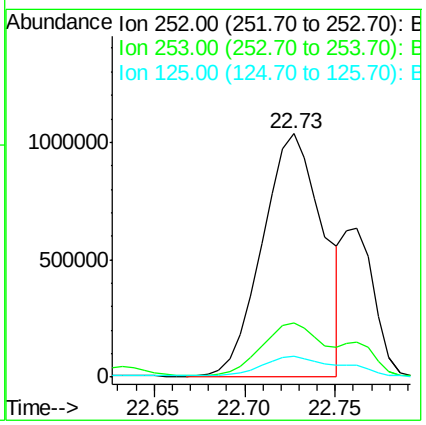


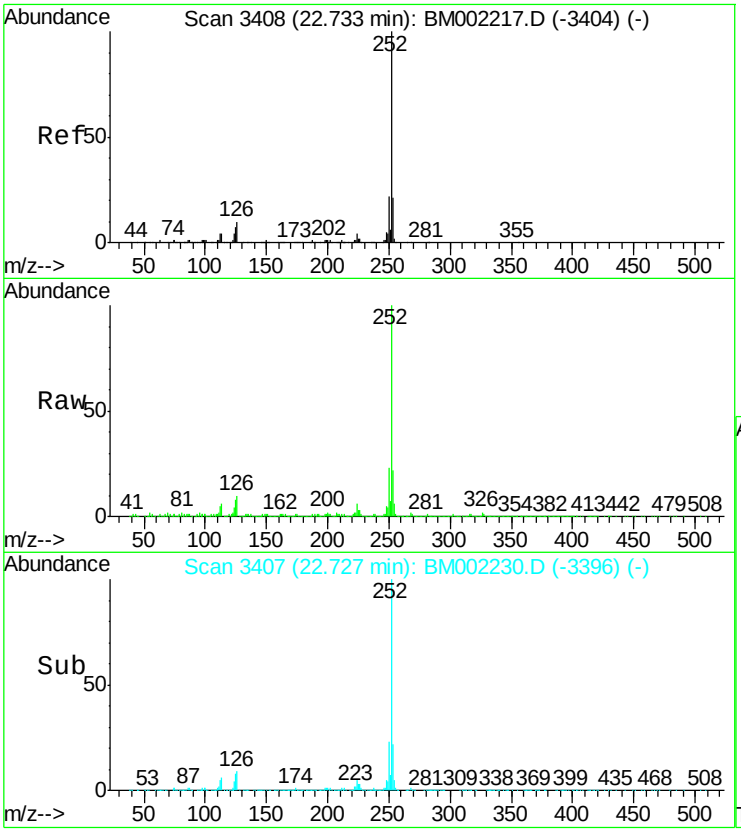


#88
Benzo(b)fluoranthene
Concen: 59.38 ng/ul
RT: 22.73 min Scan# 3407
Delta R.T. 0.04 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Tgt Ion:252 Resp: 2400668

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	8.4	5.4	8.2#



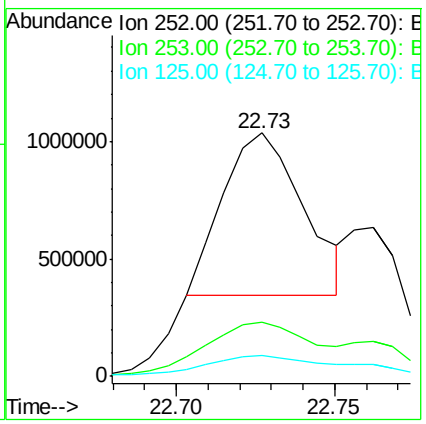


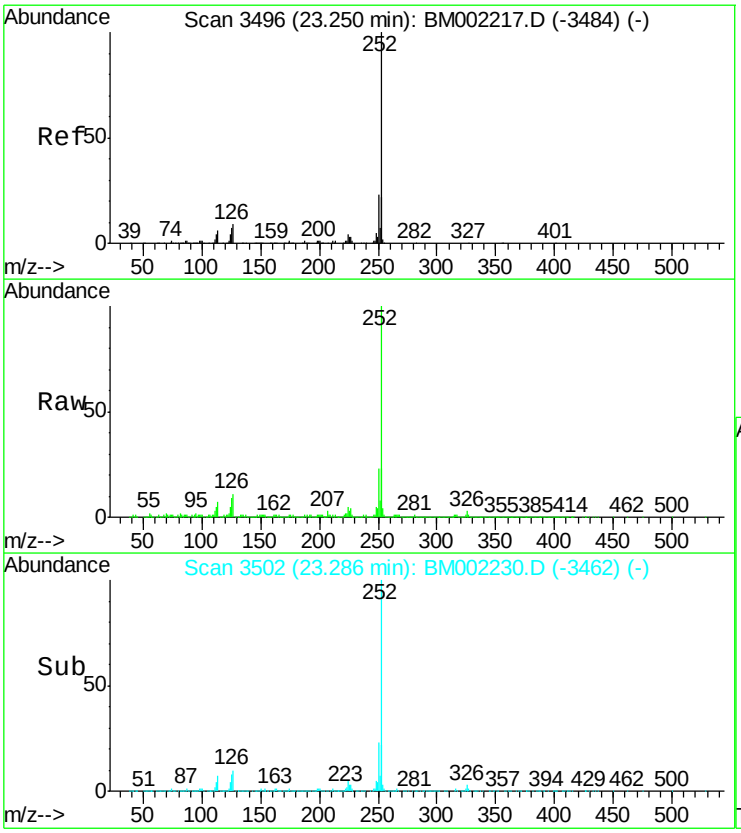
#89
Benzo(k)fluoranthene
Concen: 31.03 ng/ul
RT: 22.73 min Scan# 3407
Delta R.T. -0.01 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:252 Resp: 1214929

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	8.4	5.6	8.4#

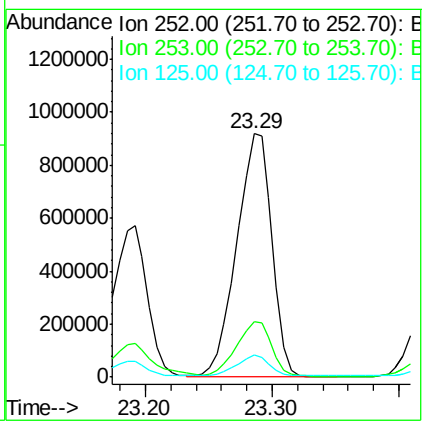


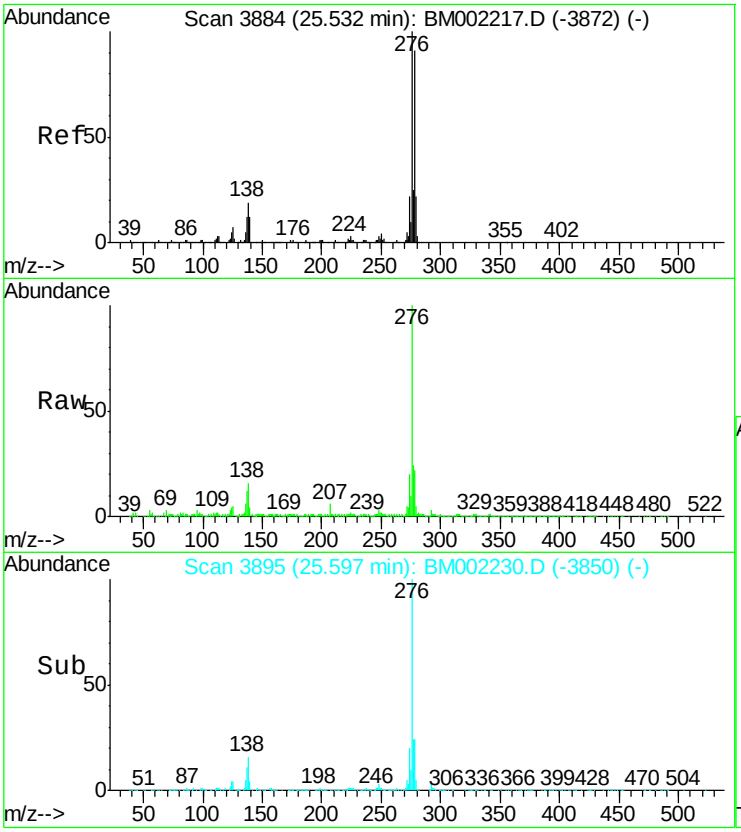


#91
Benzo(a)pyrene
Concen: 45.59 ng/ul
RT: 23.29 min Scan# 3502
Delta R.T. 0.04 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Tgt Ion:252 Resp: 1760346

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	8.9	6.1	9.1



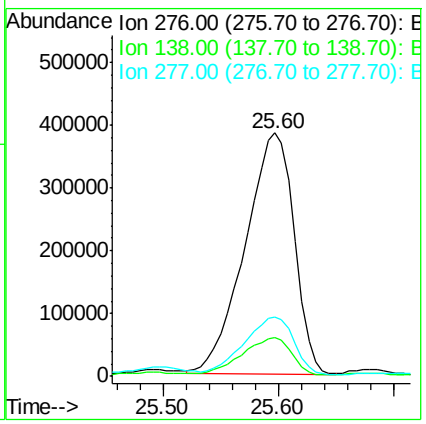


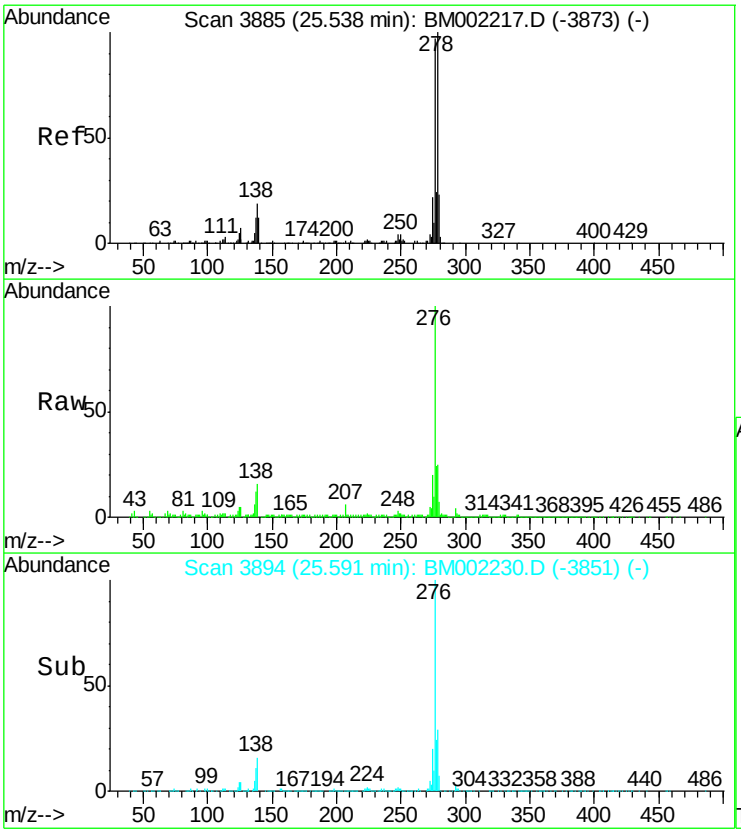
#92
Indeno(1,2,3-cd)pyrene
Concen: 26.23 ng/ul
RT: 25.60 min Scan# 3895
Delta R.T. 0.06 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:276 Resp: 1141346

Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.4	23.0
277	24.5	20.2	30.2

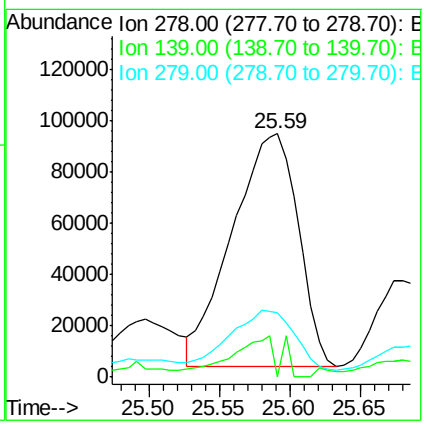


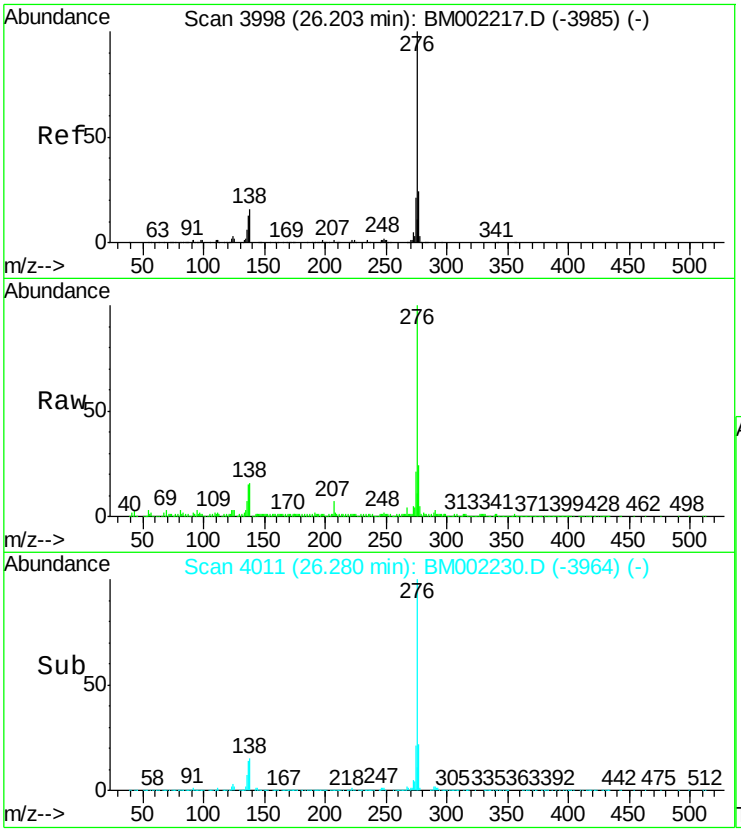


#93
Dibenzo(a,h)anthracene
Concen: 8.03 ng/ul
RT: 25.59 min Scan# 3894
Delta R.T. 0.05 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Tgt Ion:278 Resp: 297869

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	26.4	17.9	26.9





#94
Benzo(g,h,i)perylene
Concen: 28.33 ng/ul
RT: 26.28 min Scan# 4011
Delta R.T. 0.08 min
Lab File: BM002230.D
Acq: 05 Aug 2015 03:33

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Tgt Ion:276 Resp: 1026419

Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.5	18.7
277	24.2	19.4	29.0