Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002219.D
Acq On : 04 Aug 2015 20:52
Operator : TP/UM
Sample : G3073-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01N6

Quant Time: Aug 05 02:57:11 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	7.52	152	68010	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	271571	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	157995	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	333759	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	377685	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	355166	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	1953	1.63	ng/uL	0.00
5) Phenol-d5	6.71	99	42810	8.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	23279	8.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	37149	8.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	34177	8.15	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	17138	8.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	18777	8.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	34071	7.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	25678	5.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	98388	8.56	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	115166	7.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	6903	4.64	ng/ul	0.00
58) Fluorene-d10	15.20	176	80589	7.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	6333	3.29	ng/ul	0.00
71) Anthracene-d10	17.05	188	118969	8.01	ng/ul	0.00
79) Pyrene-d10	19.36	212	129569	7.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	149847	8.69	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.66	77	3499	1.38	ng/ul#	1
17) Hexachloroethane	8.62	117	4623	2.77	ng/ul#	1
28) Naphthalene	10.36	128	26094	2.03	ng/ul#	94
32) Caprolactam	11.23	113	1204	1.06	ng/ul#	80
34) 2-Methylnaphthalene	11.98	142	12431	1.26	ng/ul	96
45) Dimethylphthalate	13.66	163	43970	3.84	ng/ul	100
50) Acenaphthene	14.26	153	60276	6.23	ng/ul	94
54) Dibenzofuran	14.60	168	49744	3.55	ng/ul	96
59) Fluorene	15.25	166	61787	5.36	ng/ul	99
70) Phenanthrene	17.00	178	985233	57.49	ng/ul	100
72) Anthracene	17.09	178	204576	11.68	ng/ul	99
75) Carbazole	17.36	167	106461	7.29	ng/ul	98
77) Fluoranthene	19.03	202	1366786	72.87	ng/ul	100
80) Pyrene	19.39	202	1164727	50.17	ng/ul	99
83) Benzo(a)anthracene	21.15	228	610544	28.86	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	58438	4.91	ng/ul	96
85) Chrysene	21.20	228	565917	29.05	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	745868	37.27	ng/ul#	94
89) Benzo(k)fluoranthene	22.70	252	461120	23.79	ng/ul#	94
91) Benzo(a)pyrene	23.26	252	538402	28.17	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.54	276	352446	16.37	ng/ul	97
93) Dibenzo(a,h)anthracene	25.54	278	91545	4.99	ng/ul#	82
94) Benzo(g,h,i)perylene	26.21	276	303156	16.90	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002219.D
Acq On : 04 Aug 2015 20:52
Operator : TP/UM
Sample : G3073-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01N6

Quant Time: Aug 05 02:57:11 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002219.D
Acq On : 04 Aug 2015 20:52
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Quant Time: Aug 05 02:57:11 2015
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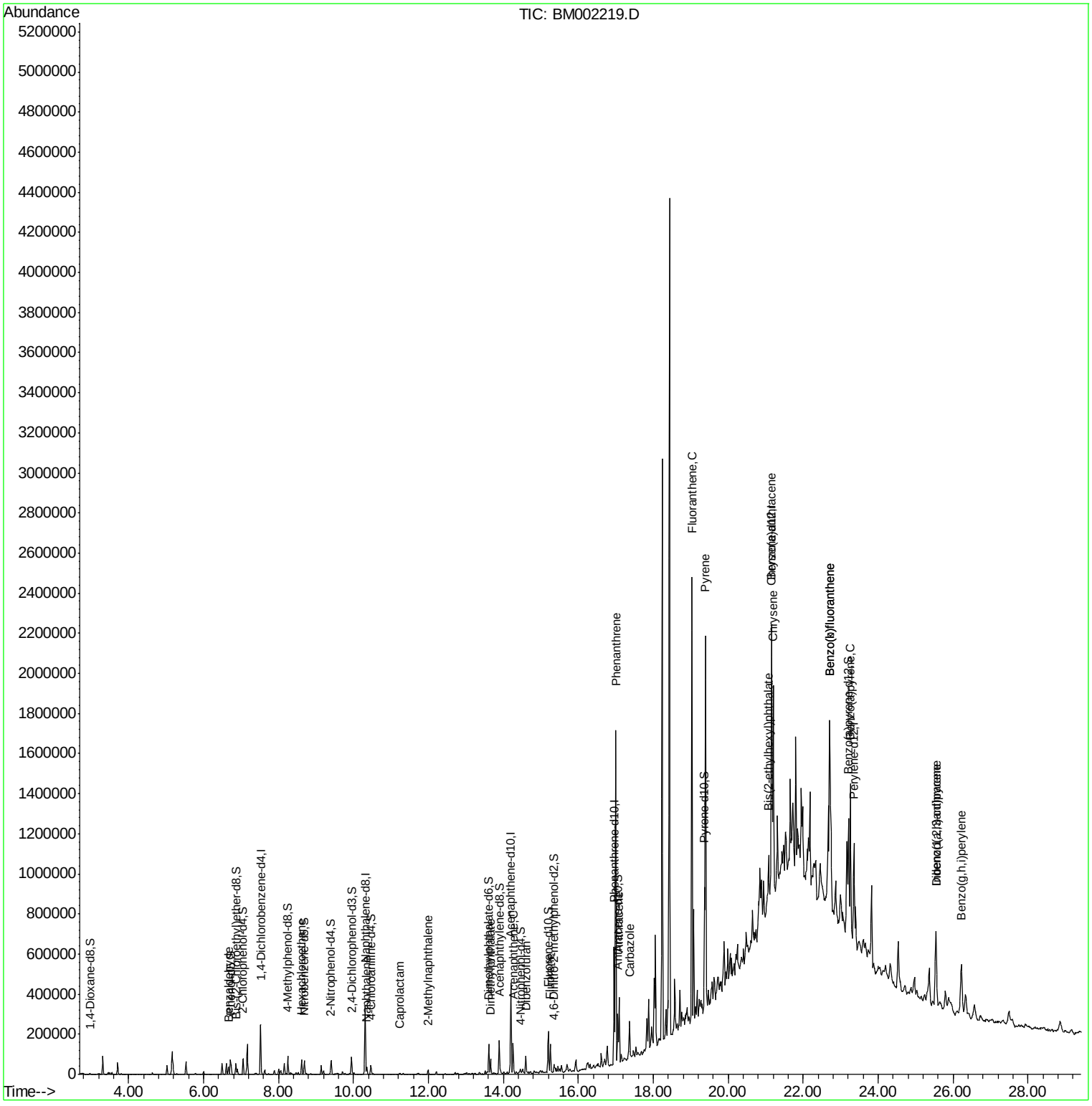
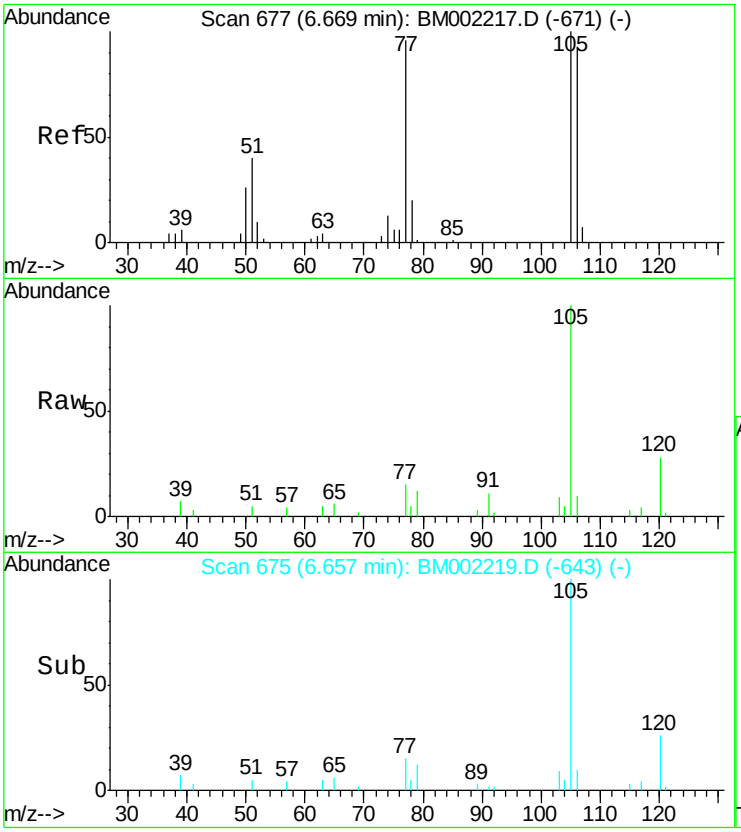
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:56:04 2015
Response via : Initial Calibration



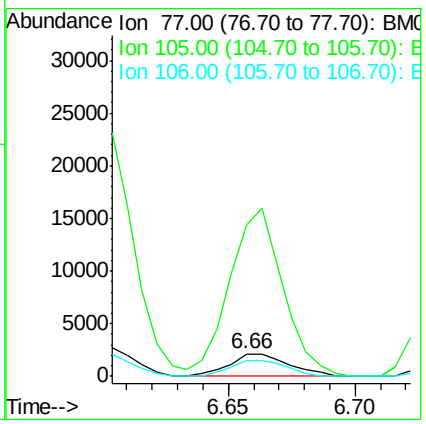


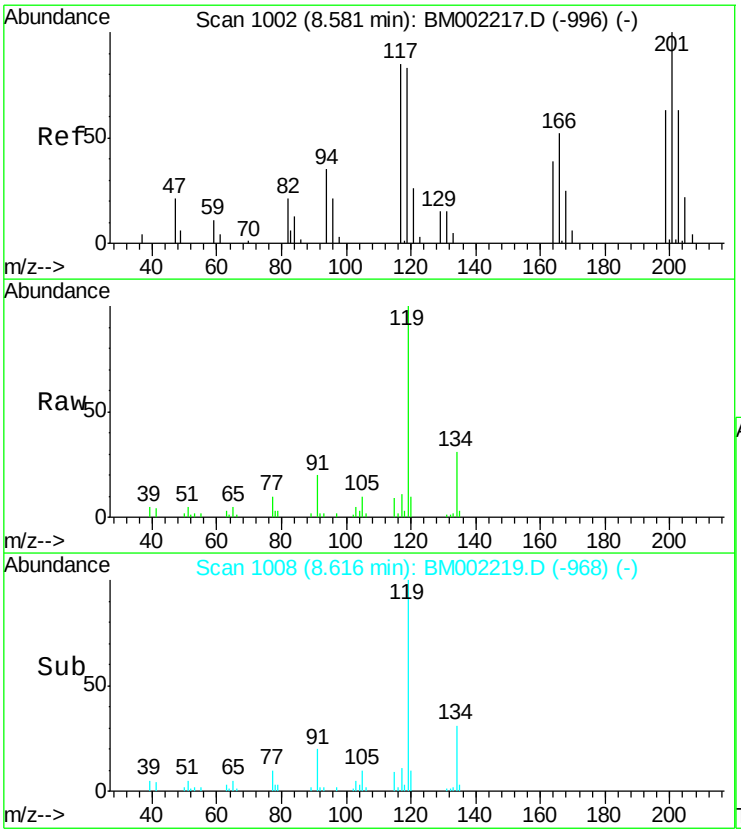
#4
Benzaldehyde
Concen: 1.38 ng/ul
RT: 6.66 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion: 77 Resp: 3499

Ion	Ratio	Lower	Upper
77	100		
105	668.2	80.0	120.0#
106	69.8	76.9	115.3#

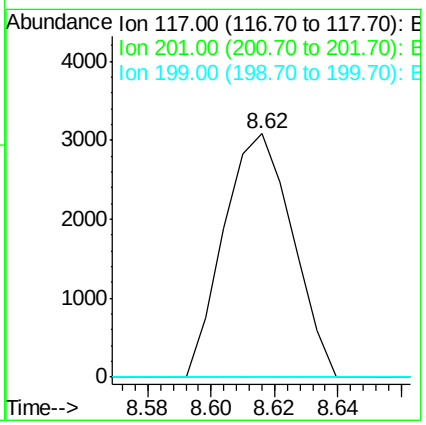


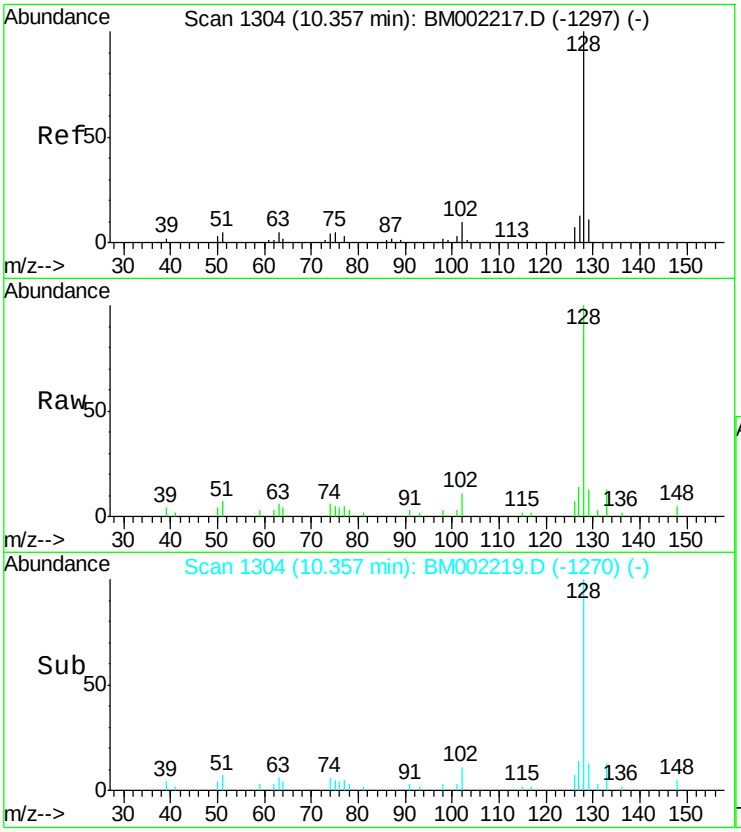


#17
Hexachloroethane
Concen: 2.77 ng/ul
RT: 8.62 min Scan# 1008
Delta R.T. 0.04 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:117 Resp: 4623

Ion	Ratio	Lower	Upper
117	100		
201	0.0	97.8	146.6#
199	0.0	61.8	92.6#



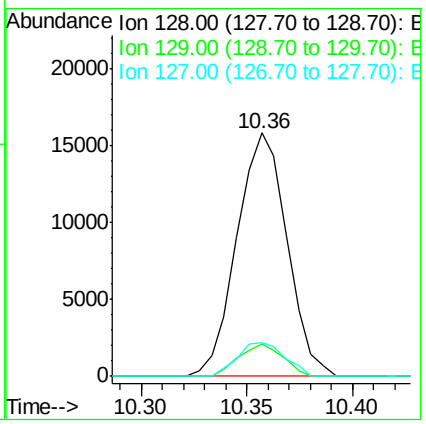


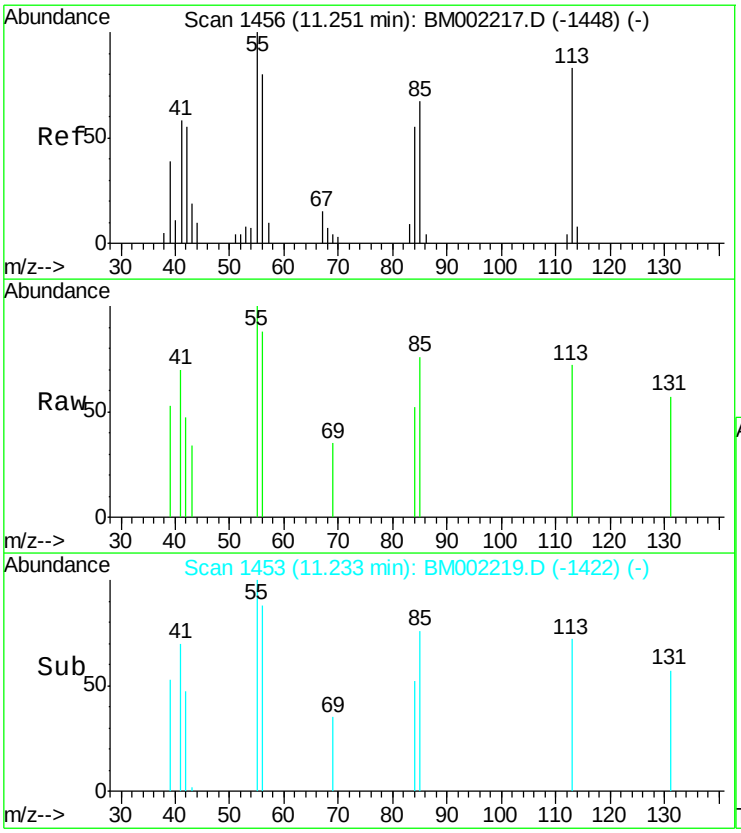
#28
Naphthalene
Concen: 2.03 ng/ul
RT: 10.36 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:128 Resp: 26094

Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.2	12.2#
127	14.0	10.1	15.1

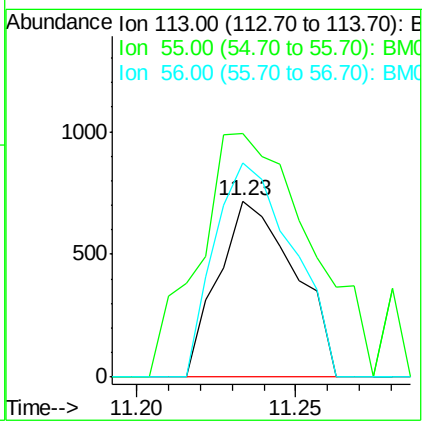


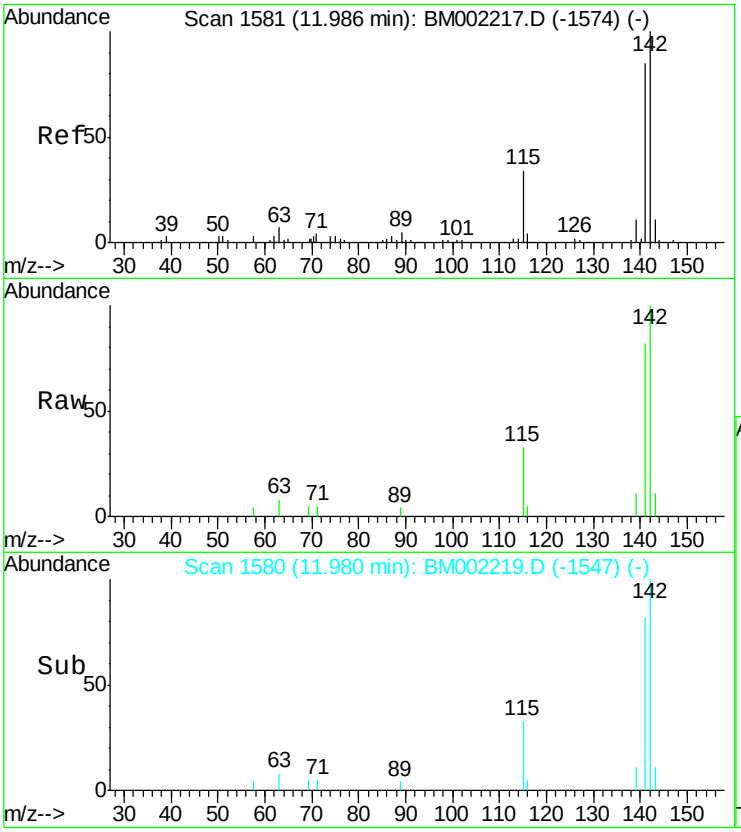


#32
Caprolactam
Concen: 1.06 ng/ul
RT: 11.23 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:113 Resp: 1204

Ion	Ratio	Lower	Upper
113	100		
55	138.2	94.5	141.7
56	121.6	79.5	119.3#



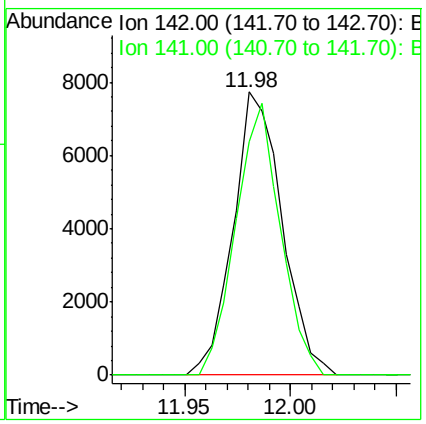


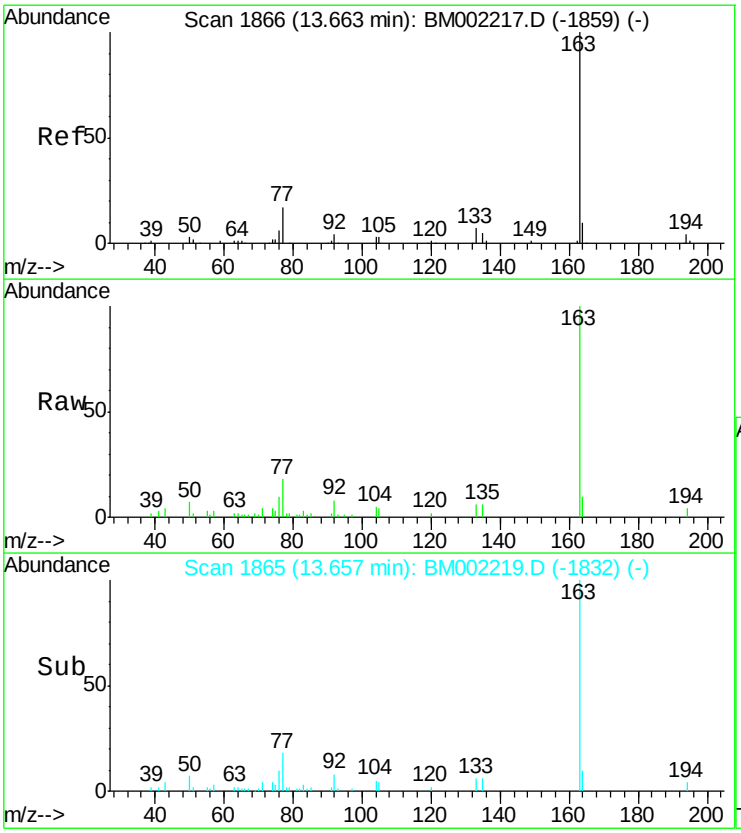
#34
2-Methylnaphthalene
Concen: 1.26 ng/ul
RT: 11.98 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:142 Resp: 12431

Ion	Ratio	Lower	Upper
142	100		
141	82.4	68.9	103.3

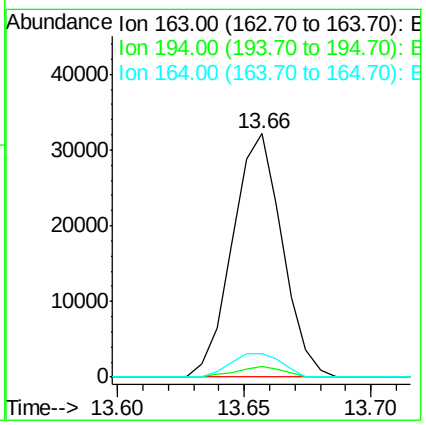


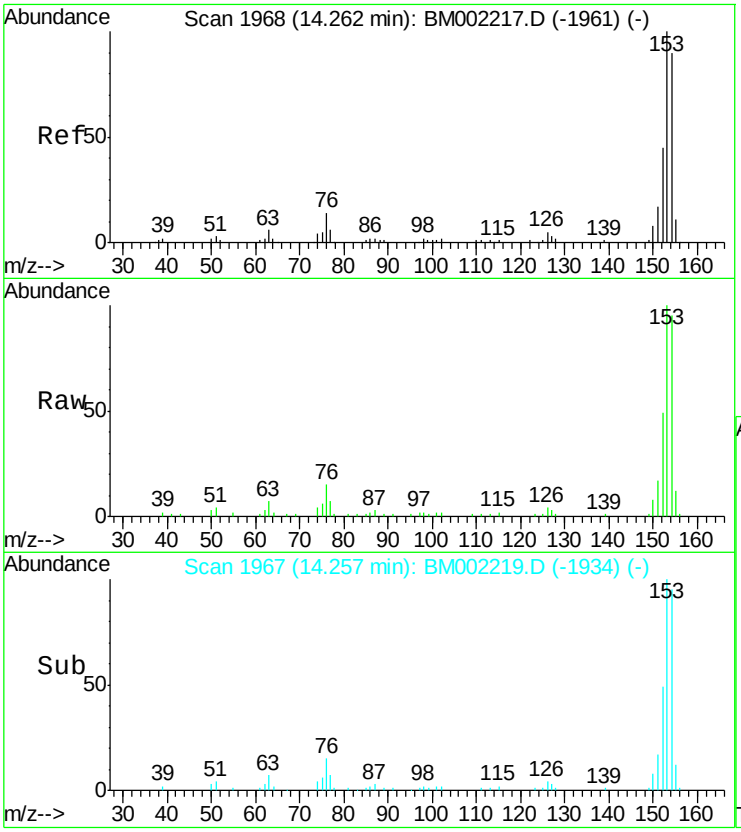


#45
Dimethylphthalate
Concen: 3.84 ng/ul
RT: 13.66 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:163 Resp: 43970

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.8	7.9	11.9



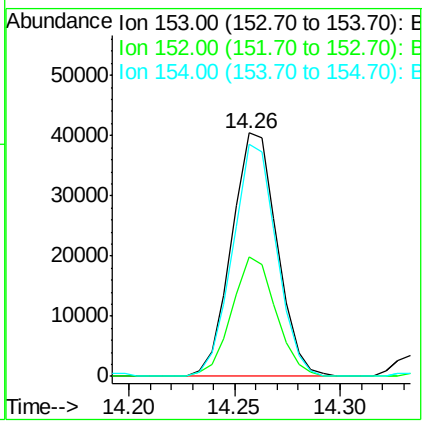


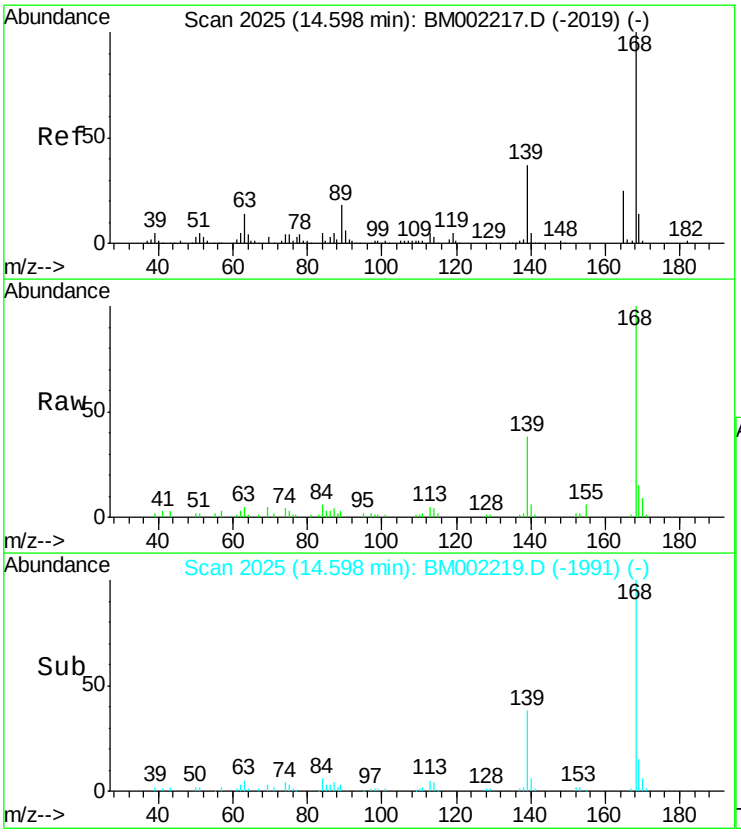
#50
Acenaphthene
Concen: 6.23 ng/ul
RT: 14.26 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:153 Resp: 60276

Ion	Ratio	Lower	Upper
153	100		
152	49.3	36.6	54.8
154	95.2	71.7	107.5

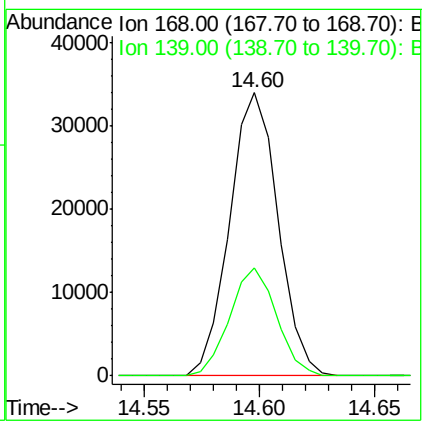


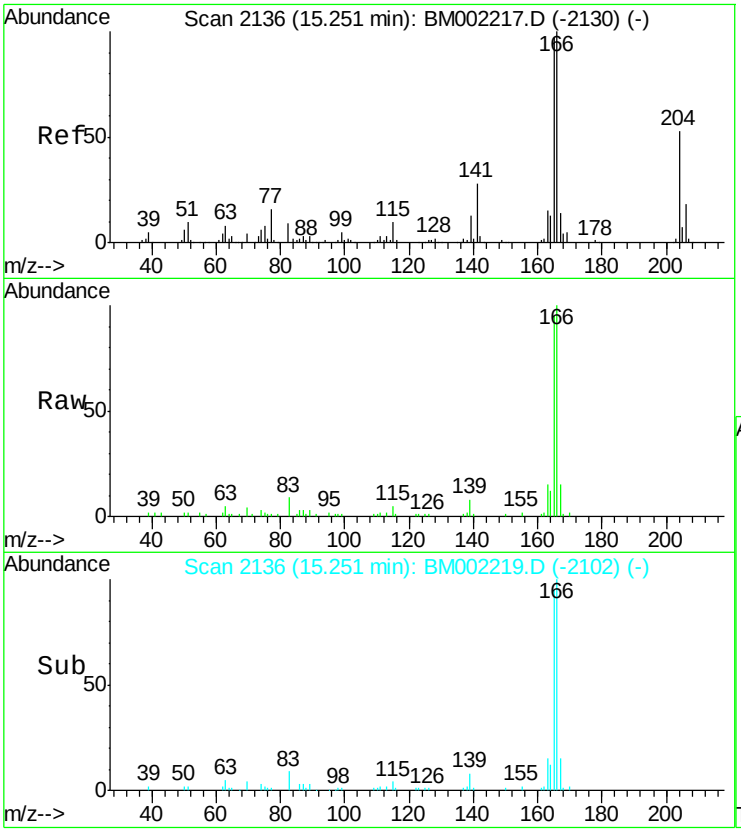


#54
Dibenzofuran
Concen: 3.55 ng/ul
RT: 14.60 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:168 Resp: 49744

Ion	Ratio	Lower	Upper
168	100		
139	38.0	28.6	42.8



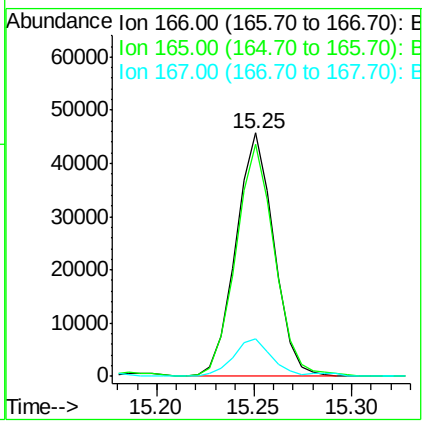


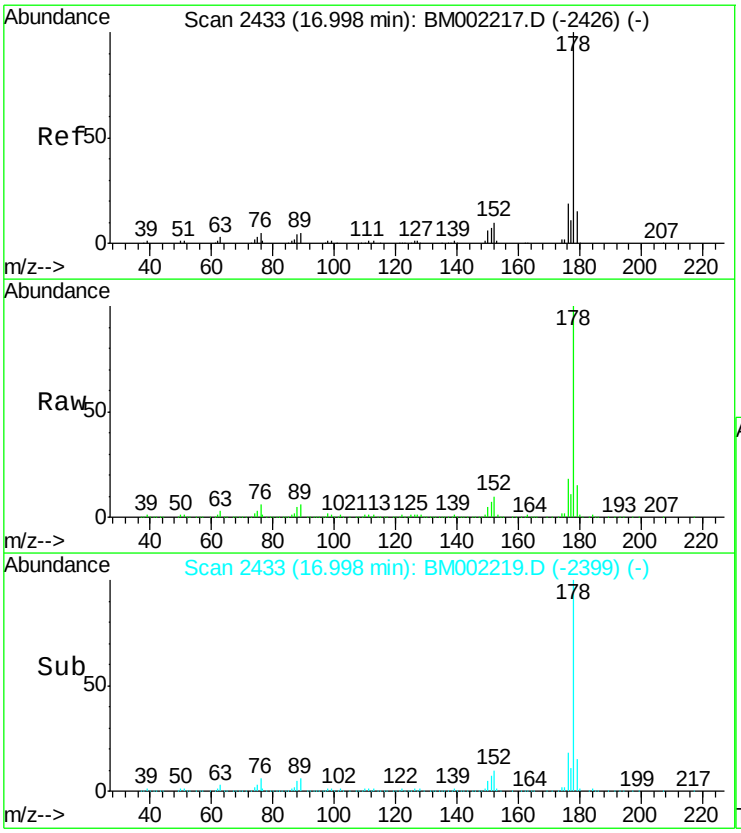
#59
Fluorene
Concen: 5.36 ng/ul
RT: 15.25 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:166 Resp: 61787

Ion	Ratio	Lower	Upper
166	100		
165	95.2	76.0	114.0
167	15.3	10.5	15.7

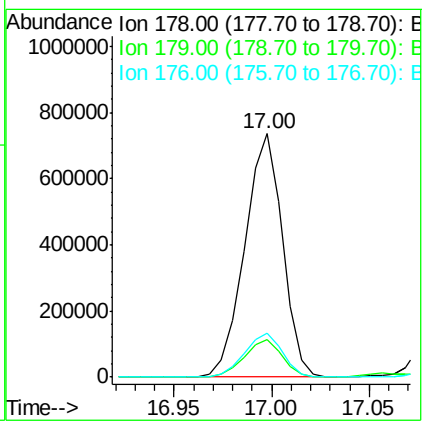


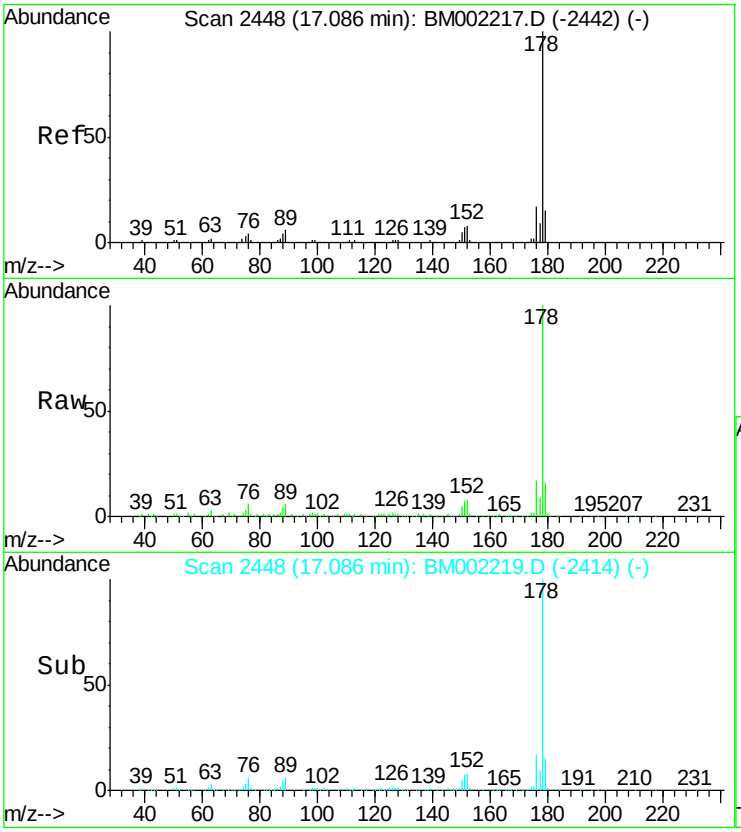


#70
Phenanthrene
Concen: 57.49 ng/ul
RT: 17.00 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:178 Resp: 985233

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	17.9	14.6	21.8



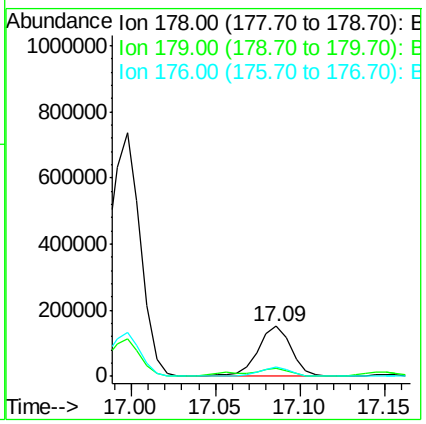


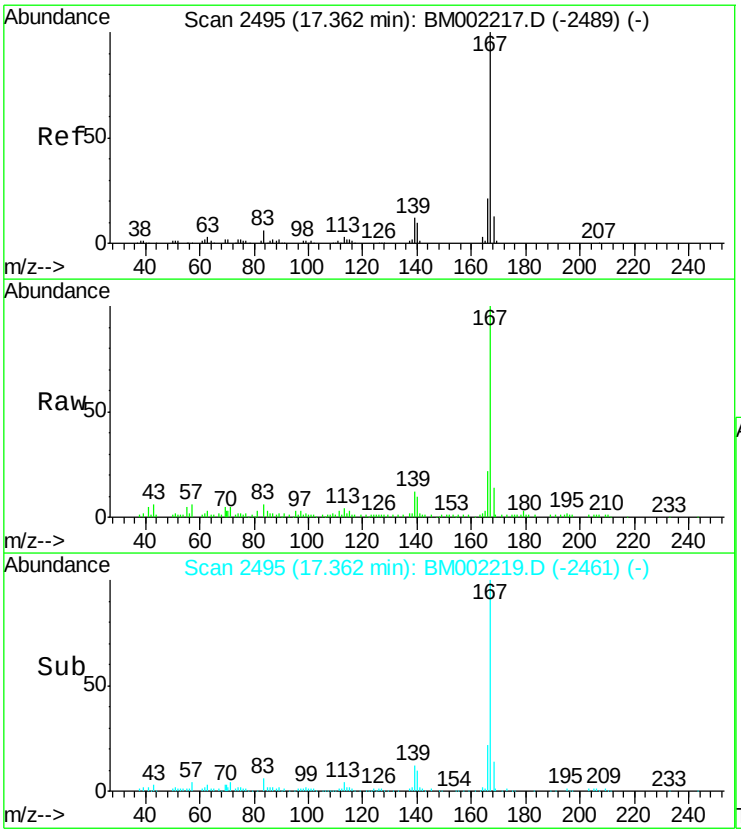
#72
Anthracene
Concen: 11.68 ng/ul
RT: 17.09 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:178 Resp: 204576

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	17.5	13.8	20.6

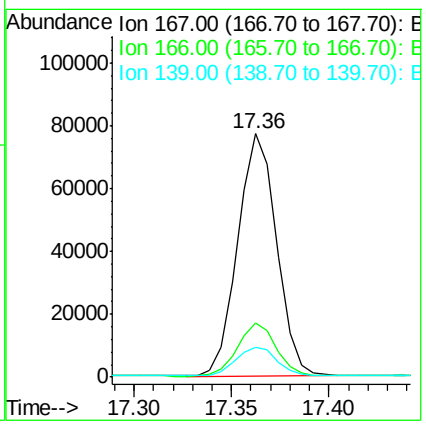


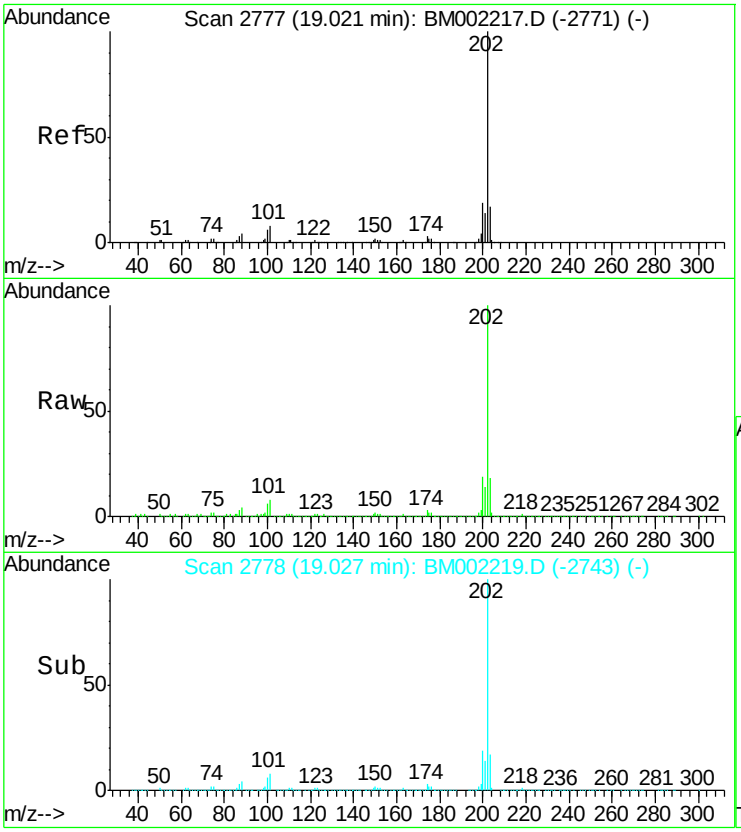


#75
Carbazole
Concen: 7.29 ng/ul
RT: 17.36 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:167 Resp: 106461

Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.7	25.1
139	12.2	9.4	14.2



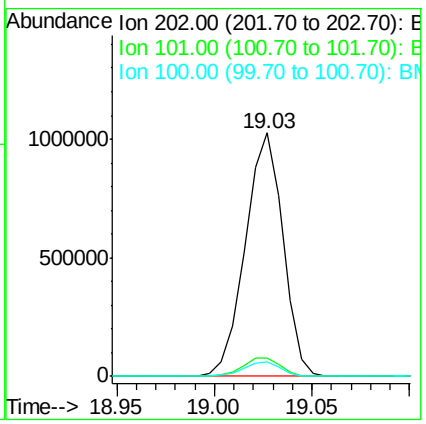


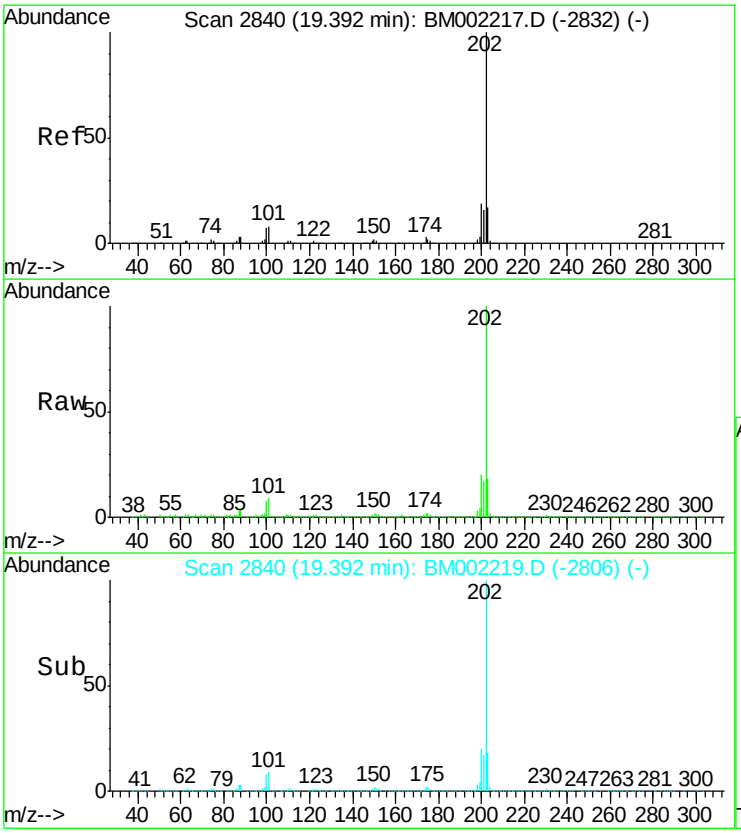
#77
Fluoranthene
Concen: 72.87 ng/ul
RT: 19.03 min Scan# 2778
Delta R.T. 0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:202 Resp: 1366786

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.2
100	5.9	4.8	7.2

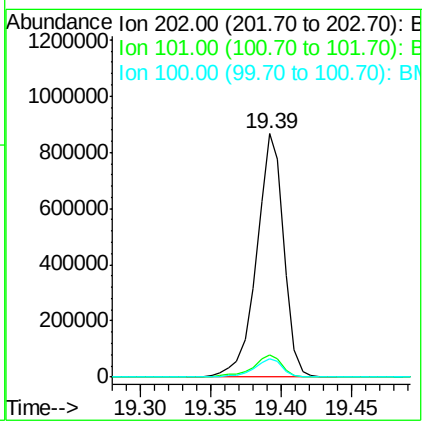


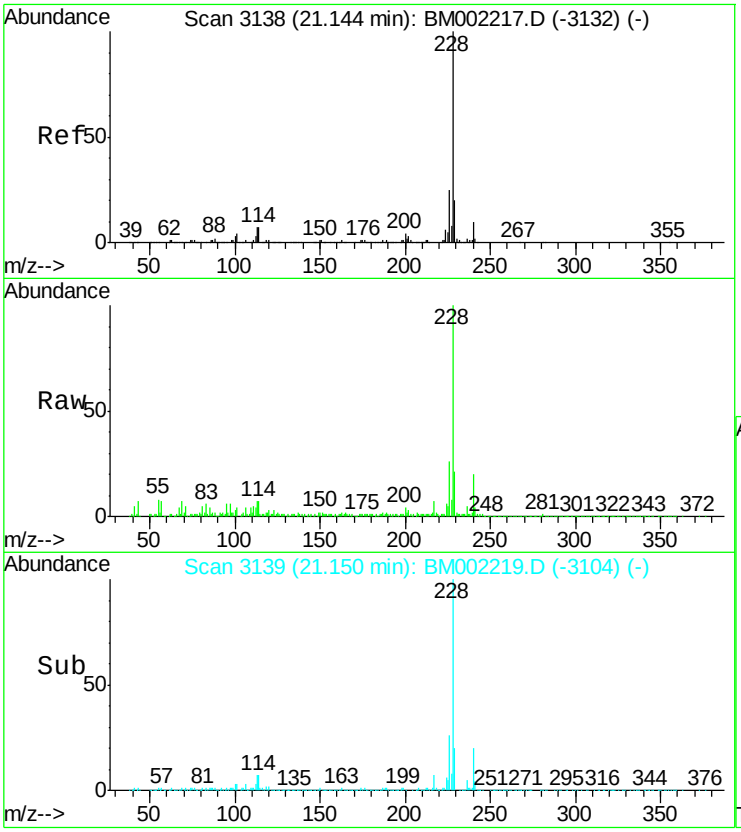


#80
Pyrene
Concen: 50.17 ng/ul
RT: 19.39 min Scan# 2840
Delta R.T. 0.00 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:202 Resp: 1164727

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.6
100	7.8	5.8	8.8



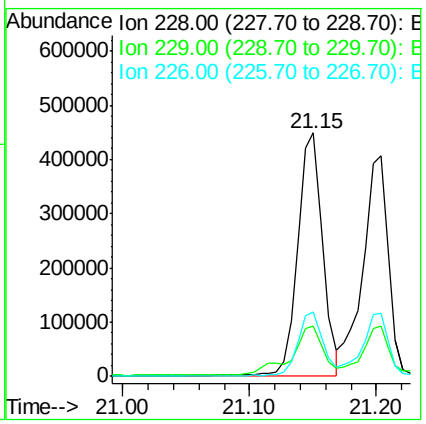


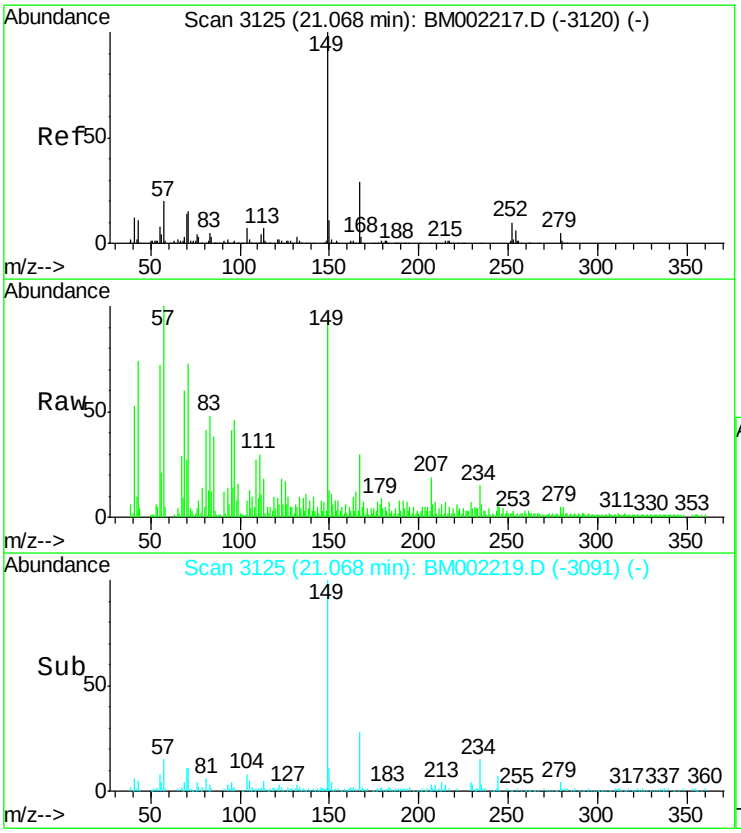
#83
Benzo(a)anthracene
Concen: 28.86 ng/ul
RT: 21.15 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:228 Resp: 610544

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	26.3	20.6	31.0

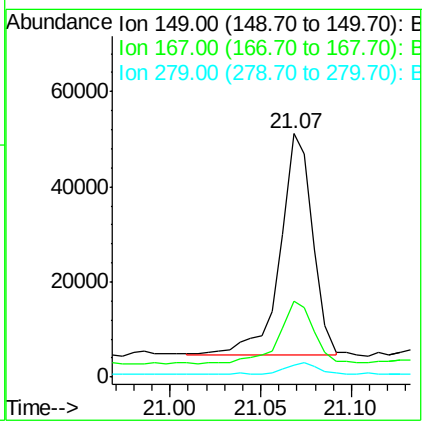


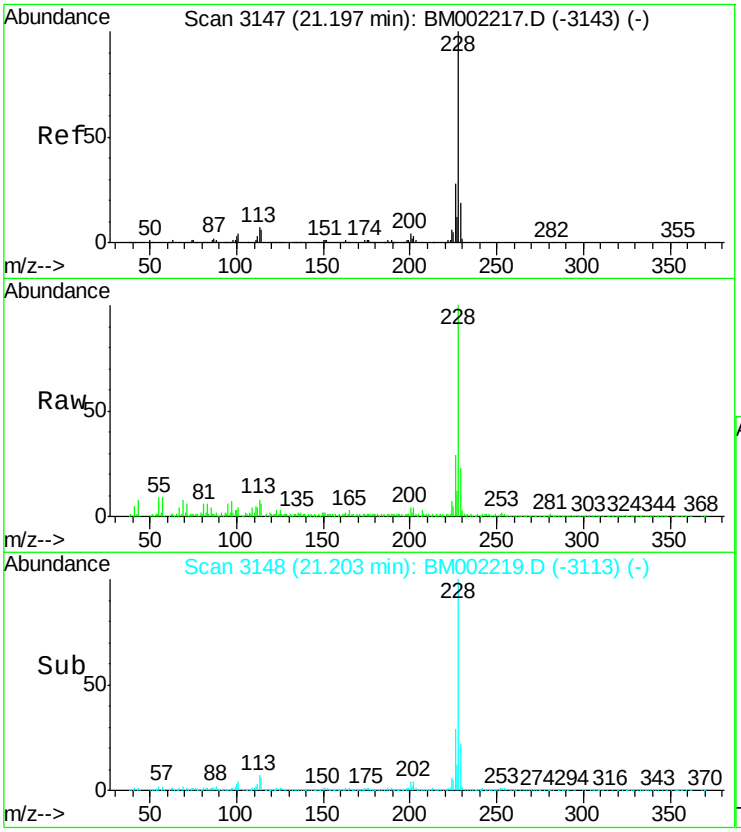


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.91 ng/ul
RT: 21.07 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:149 Resp: 58438

Ion	Ratio	Lower	Upper
149	100		
167	31.4	23.0	34.4
279	5.1	4.0	6.0



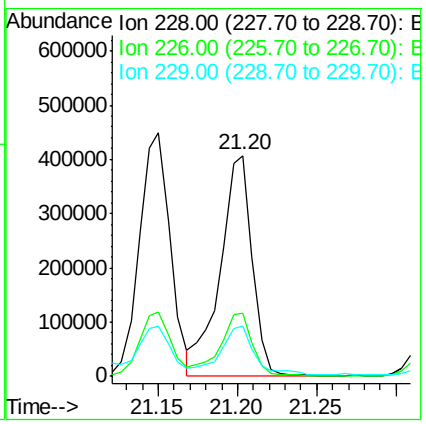


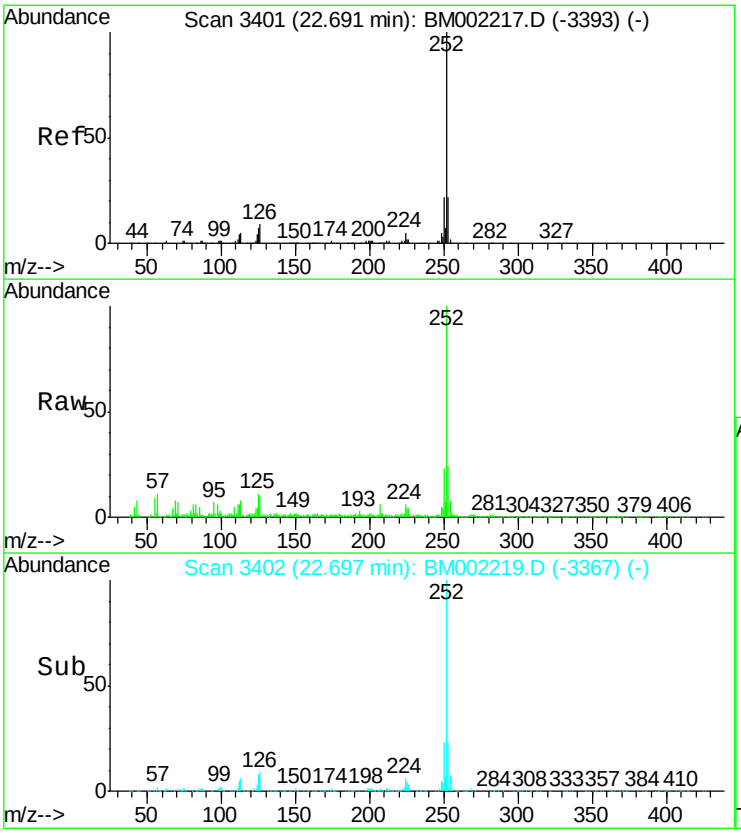
#85
Chrysene
Concen: 29.05 ng/ul
RT: 21.20 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:228 Resp: 565917

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.2	33.4
229	22.6	15.5	23.3

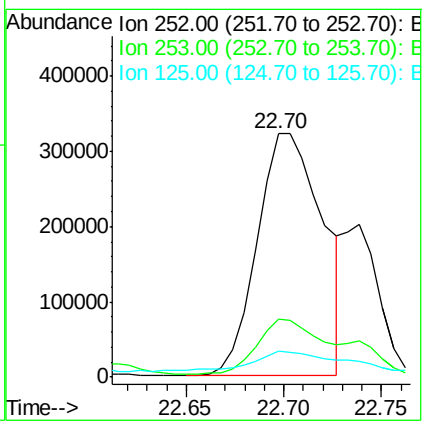


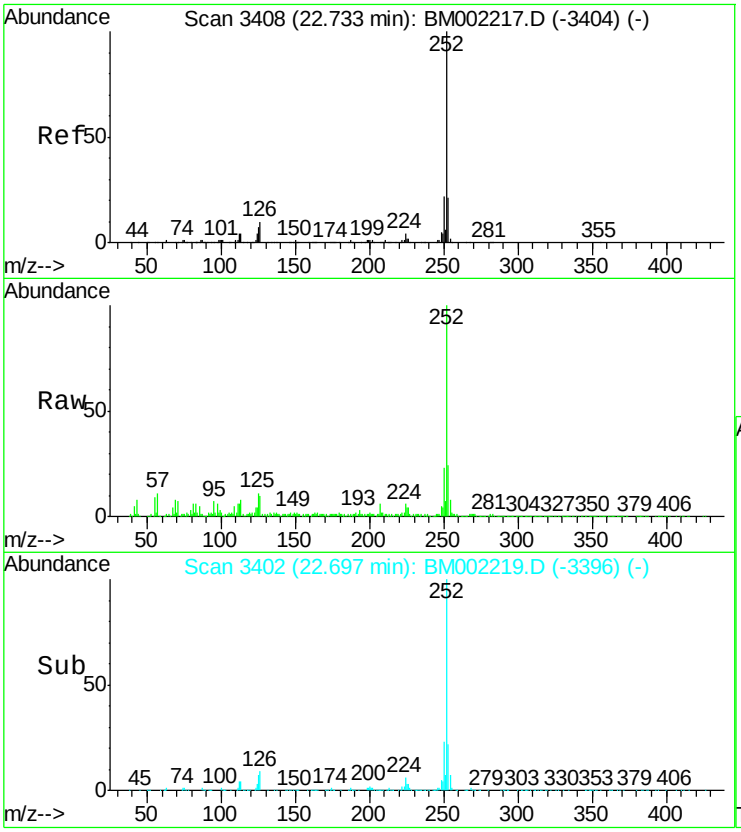


#88
Benzo(b)fluoranthene
Concen: 37.27 ng/ul
RT: 22.70 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:252 Resp: 745868

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	10.5	5.4	8.2#



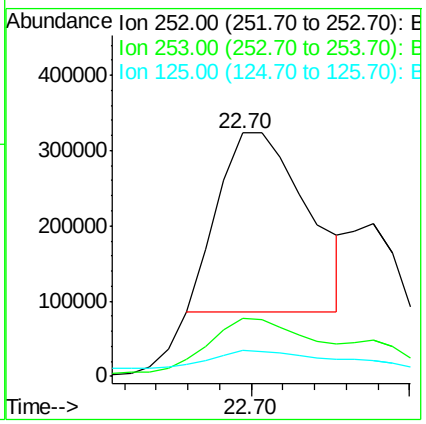


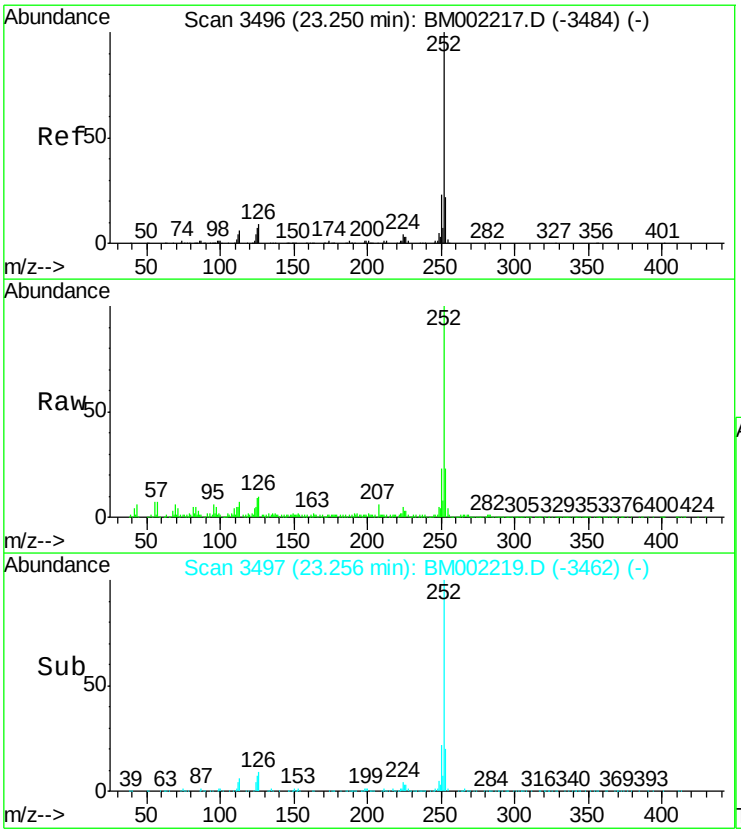
#89
Benzo(k)fluoranthene
Concen: 23.79 ng/ul
RT: 22.70 min Scan# 3402
Delta R.T. -0.04 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:252 Resp: 461120

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	10.5	5.6	8.4#

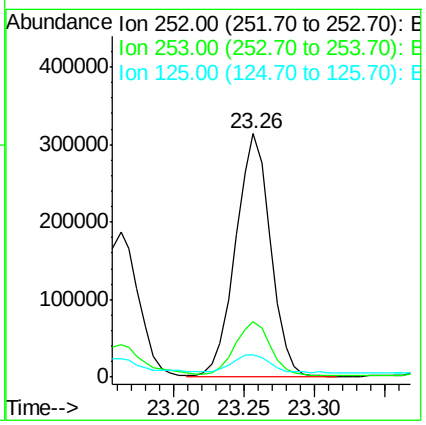


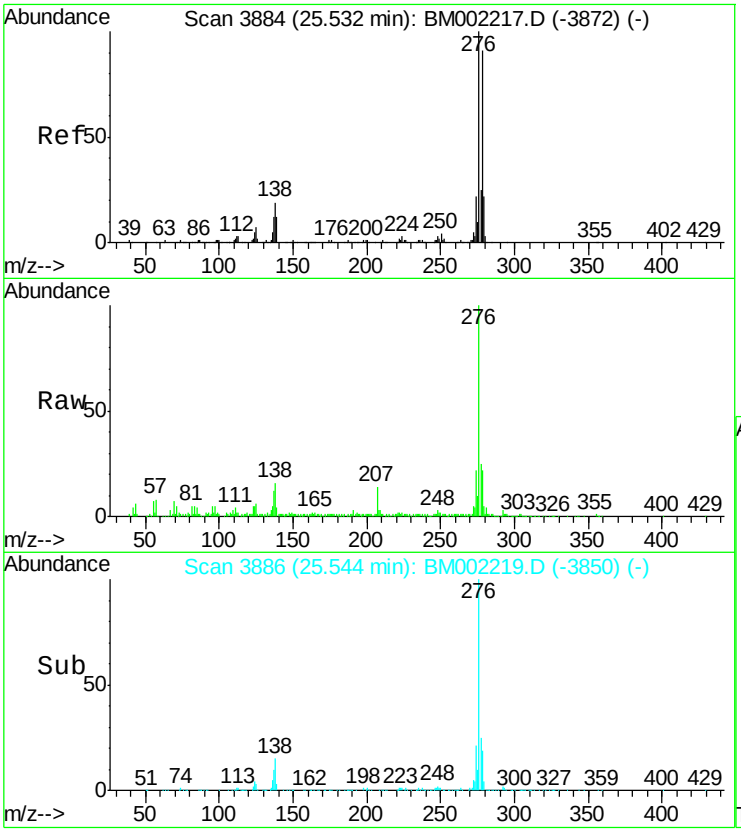


#91
Benzo(a)pyrene
Concen: 28.17 ng/ul
RT: 23.26 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:252 Resp: 538402

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.3	6.1	9.1#



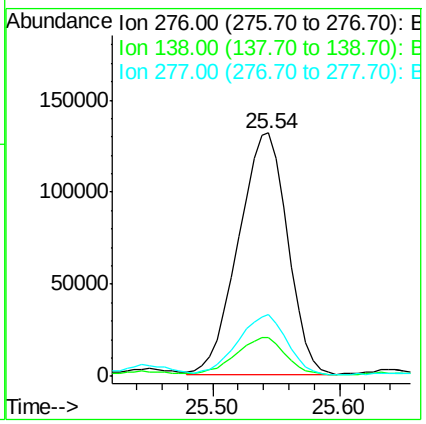


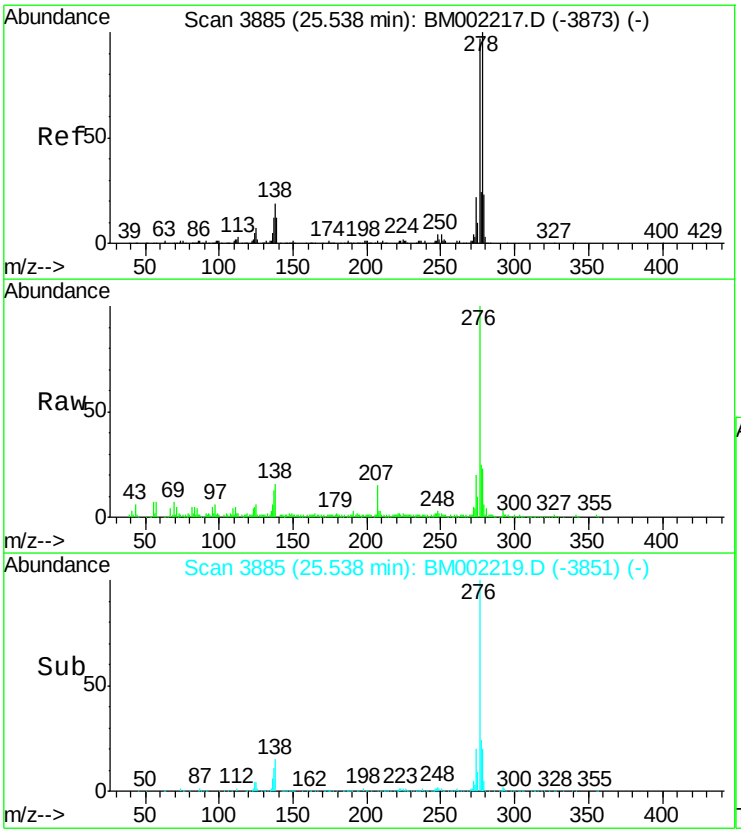
#92
Indeno(1,2,3-cd)pyrene
Concen: 16.37 ng/ul
RT: 25.54 min Scan# 3886
Delta R.T. 0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:276 Resp: 352446

Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.4	23.0
277	25.3	20.2	30.2

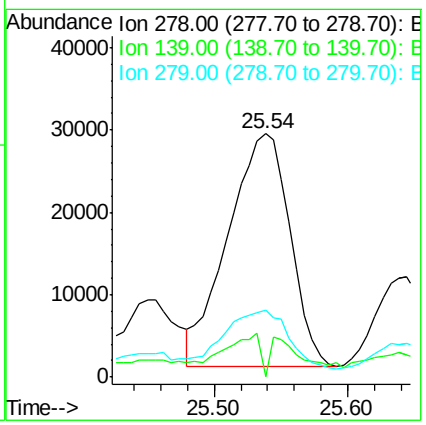


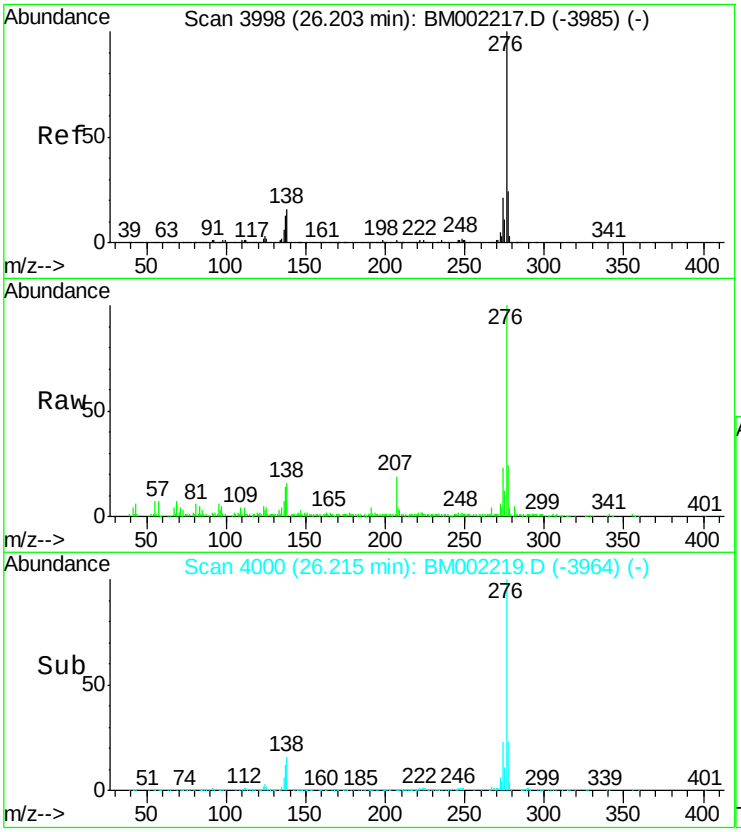


#93
Dibenzo(a,h)anthracene
Concen: 4.99 ng/ul
RT: 25.54 min Scan# 3885
Delta R.T. 0.00 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Tgt Ion:278 Resp: 91545

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	27.3	17.9	26.9#





#94
Benzo(g,h,i)perylene
Concen: 16.90 ng/ul
RT: 26.21 min Scan# 4000
Delta R.T. 0.01 min
Lab File: BM002219.D
Acq: 04 Aug 2015 20:52

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:276 Resp: 303156

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.5	18.7
277	23.9	19.4	29.0