Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002220.D
Acq On : 04 Aug 2015 21:29
Operator : TP/UM
Sample : G3073-22RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6RE

Quant Time: Aug 05 02:57:26 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	58335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	244409	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	140756	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	305916	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	336496	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	322646	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	2033	1.98	ng/uL	0.00
5) Phenol-d5	6.72	99	42955	9.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	24035	10.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	39091	10.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	30997	8.61	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	17559	9.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	19821	9.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	35031	8.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	19927	4.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	100406	9.81	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	125006	9.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	8792	6.63	ng/ul	0.00
58) Fluorene-d10	15.20	176	87711	9.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	6401	3.63	ng/ul	0.00
71) Anthracene-d10	17.05	188	128107	9.41	ng/ul	0.00
79) Pyrene-d10	19.36	212	143420	8.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	161896	10.33	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.66	163	49924	4.89	ng/ul	97
48) Acenaphthylene	13.92	152	14176	1.07	ng/ul	98
70) Phenanthrene	16.99	178	138782	8.84	ng/ul	99
72) Anthracene	17.08	178	46738	2.91	ng/ul	98
75) Carbazole	17.36	167	21595	1.61	ng/ul#	94
76) Di-n-butylphthalate	17.92	149	27437	1.74	ng/ul#	96
77) Fluoranthene	19.02	202	484819	28.20	ng/ul	100
80) Pyrene	19.39	202	428720	20.73	ng/ul	99
81) Butylbenzylphthalate	20.29	149	21440	2.87	ng/ul	93
83) Benzo(a)anthracene	21.14	228	250922	13.31	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	138877	13.09	ng/ul	99
85) Chrysene	21.20	228	241164	13.90	ng/ul	97
88) Benzo(b)fluoranthene	22.70	252	347873	19.14	ng/ul#	97
89) Benzo(k)fluoranthene	22.73	252	108357	6.15	ng/ul#	94
91) Benzo(a)pyrene	23.25	252	207448	11.95	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.54	276	155546	7.95	ng/ul	97
93) Dibenzo(a,h)anthracene	25.53	278	44357	2.66	ng/ul#	79
94) Benzo(g,h,i)perylene	26.21	276	143658	8.82	ng/ul	98

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

Quantitation Report (LSC Reviewed)

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Data File : BM002220.D
Acq On : 04 Aug 2015 21:29
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Instrument :
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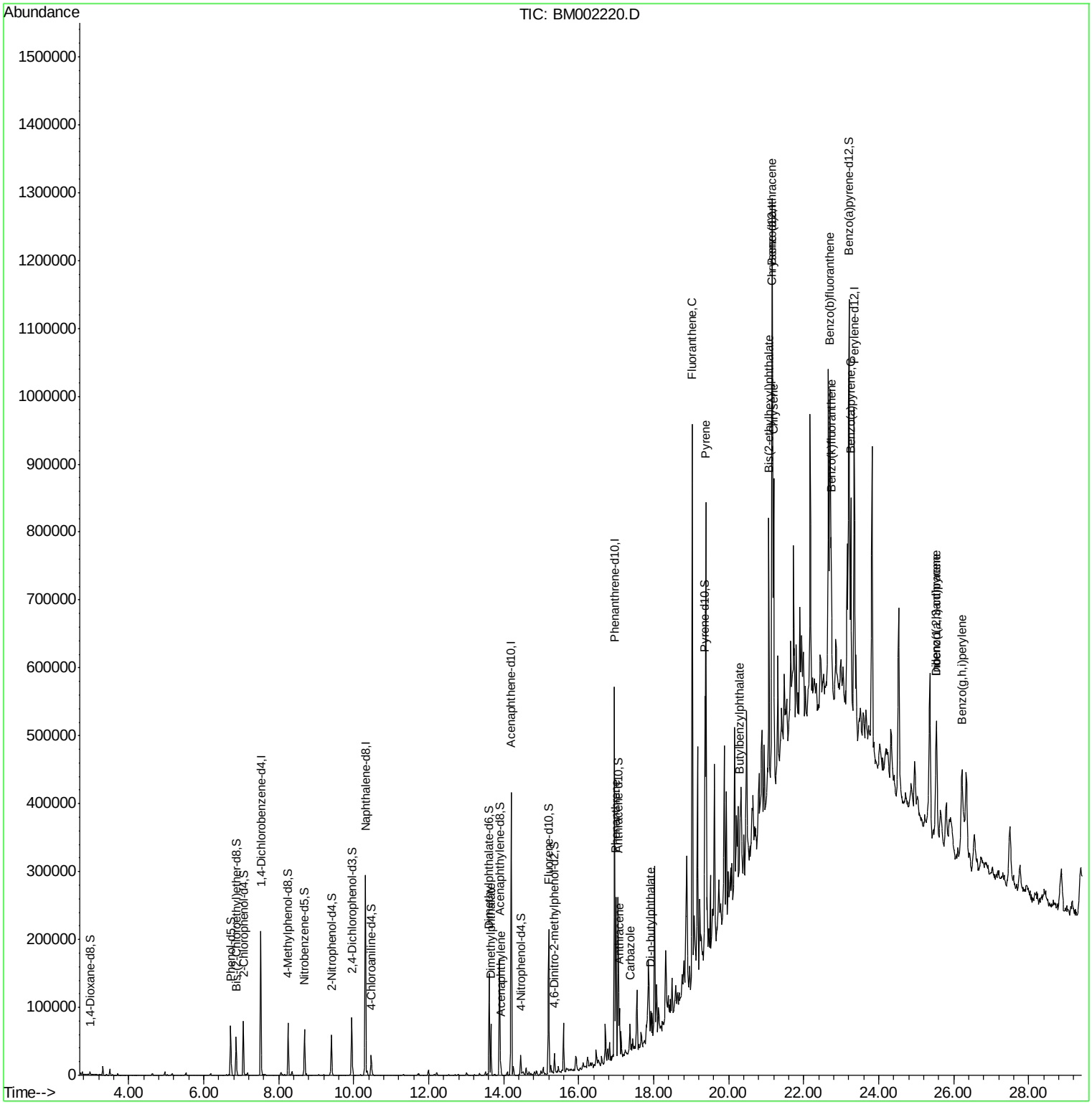
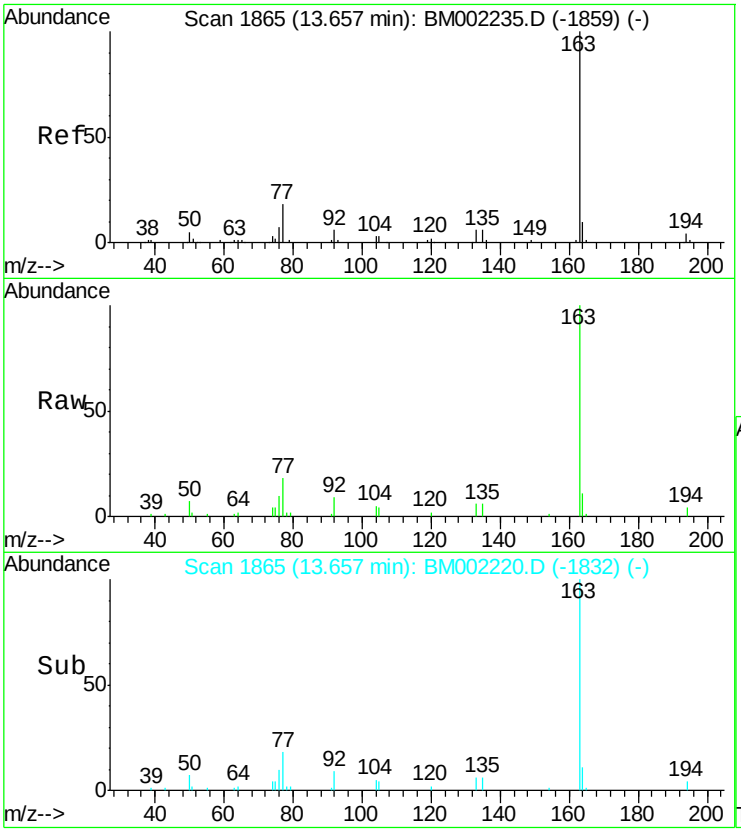
Quant Time: Aug 05 02:57:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:56:04 2015
Response via : Initial Calibration



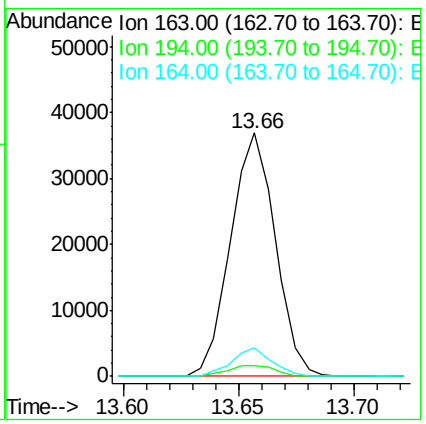


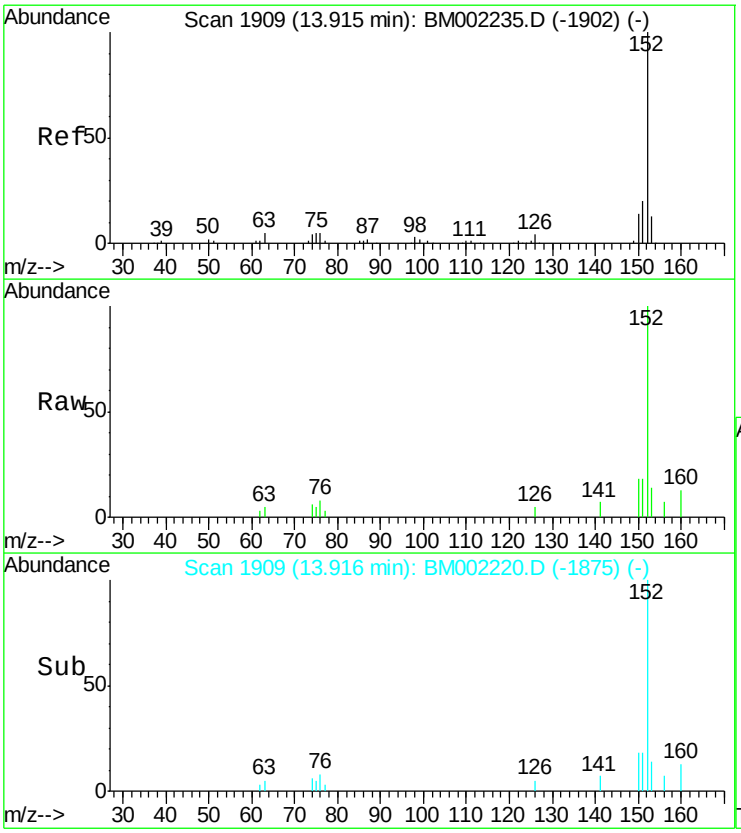
#45
Dimethylphthalate
Concen: 4.89 ng/ul
RT: 13.66 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Instrument :
BNA_M
ClientSampleId :
C02L6RE

Tgt Ion:163 Resp: 49924

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	11.5	7.9	11.9

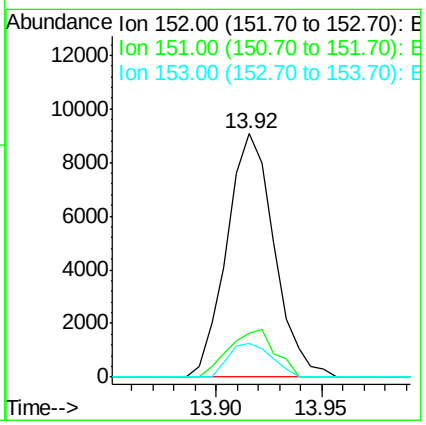


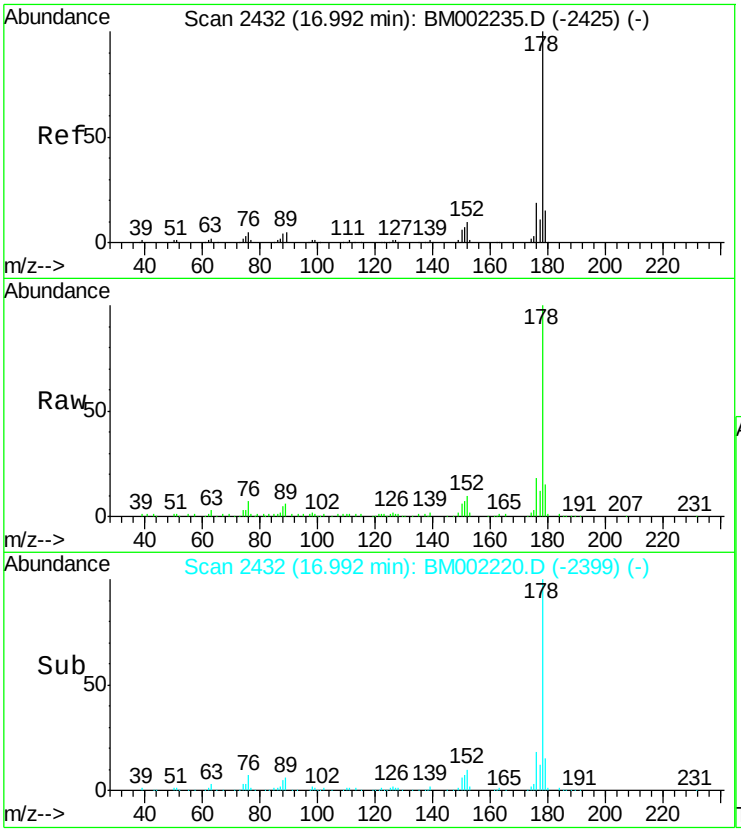


#48
Acenaphthylene
Concen: 1.07 ng/ul
RT: 13.92 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Tgt Ion:152 Resp: 14176

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.2	22.8
153	13.9	10.3	15.5



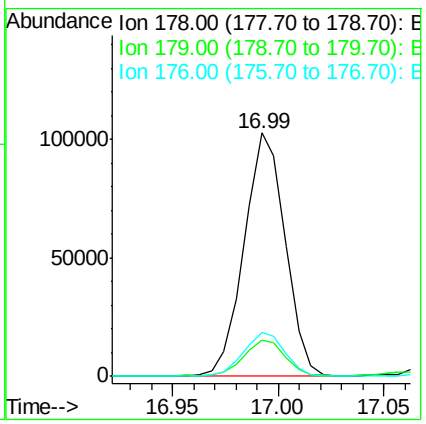


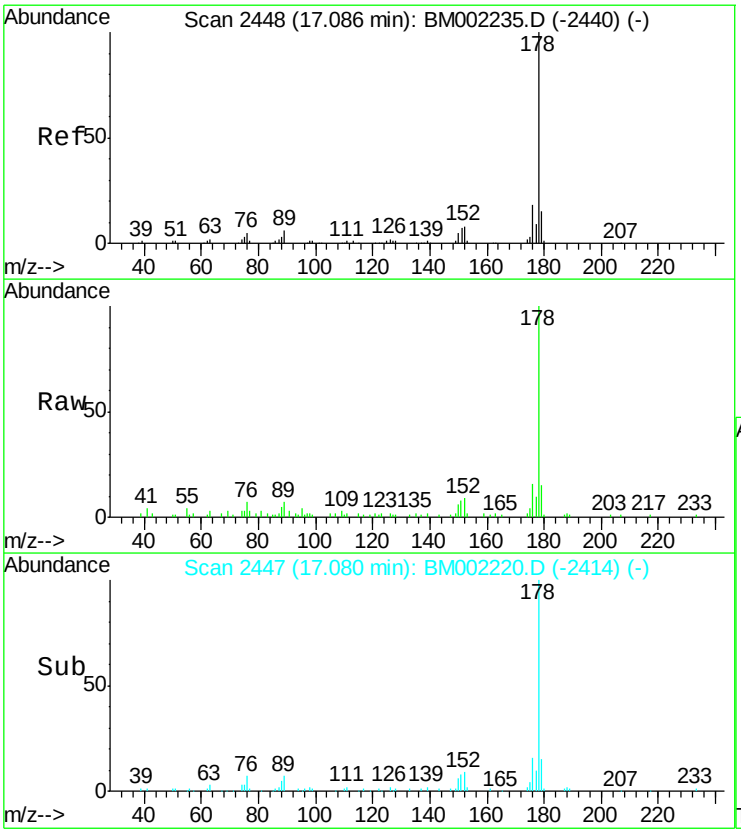
#70
Phenanthrene
Concen: 8.84 ng/ul
RT: 16.99 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Instrument :
BNA_M
ClientSampleId :
C02L6RE

Tgt Ion:178 Resp: 138782

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	18.0	14.6	21.8

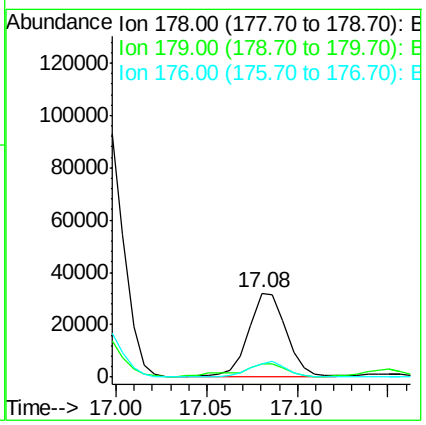


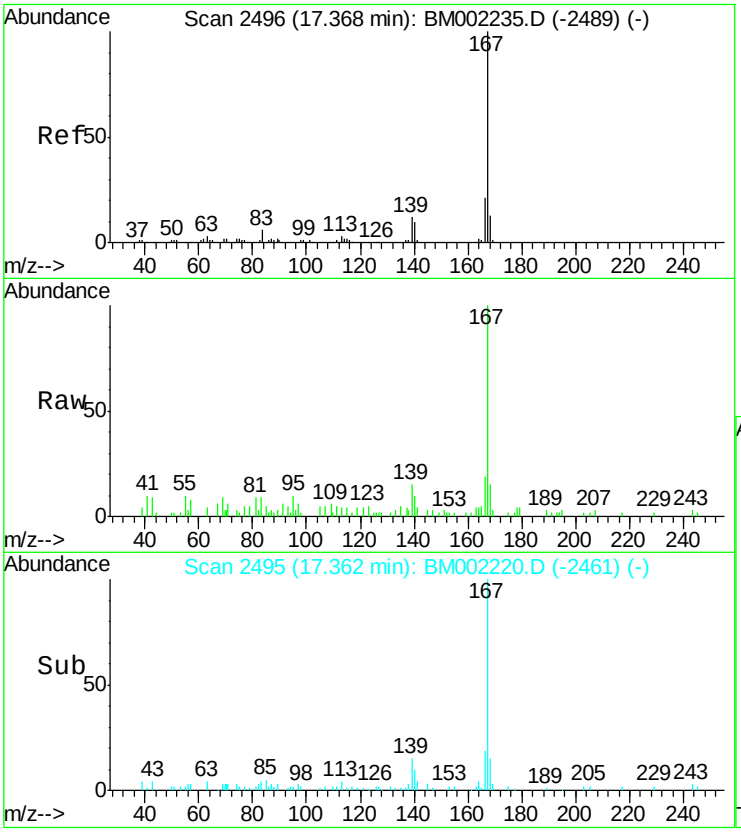


#72
Anthracene
Concen: 2.91 ng/ul
RT: 17.08 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Tgt Ion:178 Resp: 46738

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	16.0	13.8	20.6



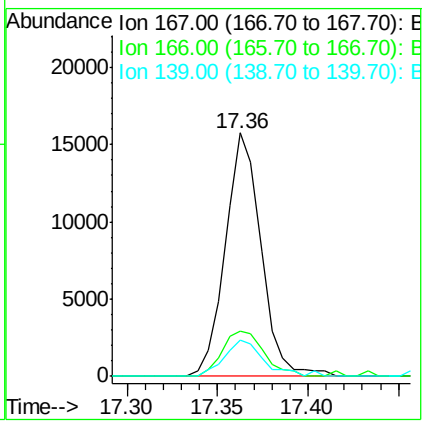


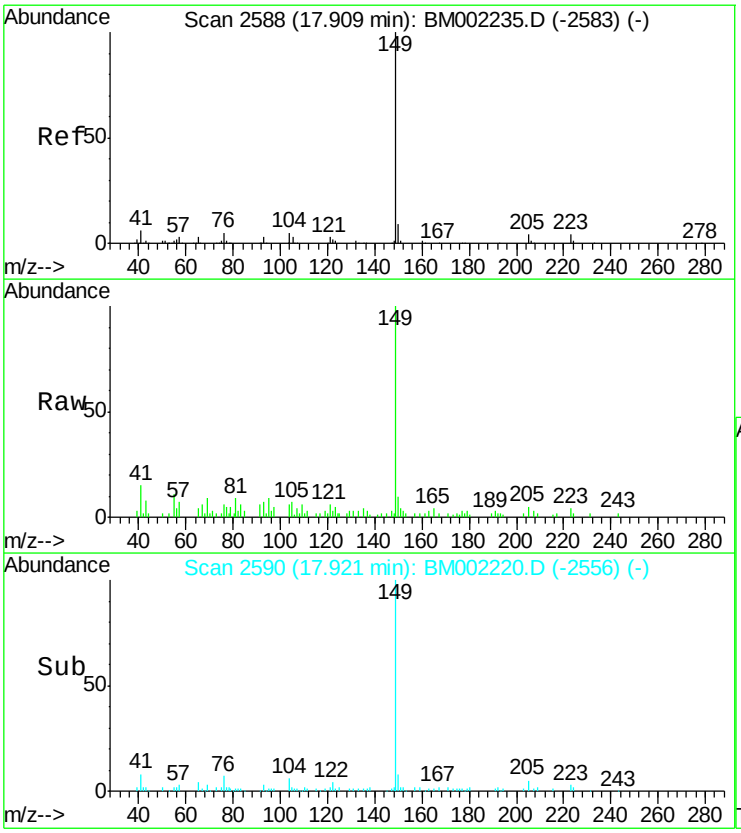
#75
Carbazole
Concen: 1.61 ng/ul
RT: 17.36 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Instrument :
BNA_M
ClientSampleId :
C02L6RE

Tgt Ion:167 Resp: 21595

Ion	Ratio	Lower	Upper
167	100		
166	18.8	16.7	25.1
139	14.7	9.4	14.2#

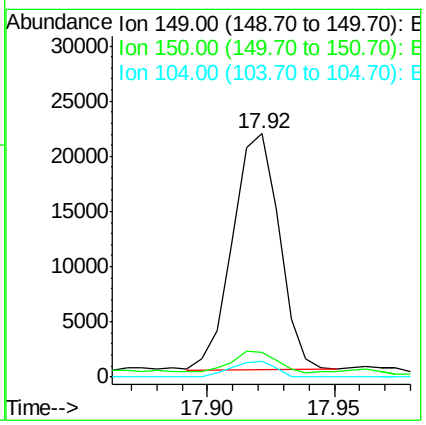


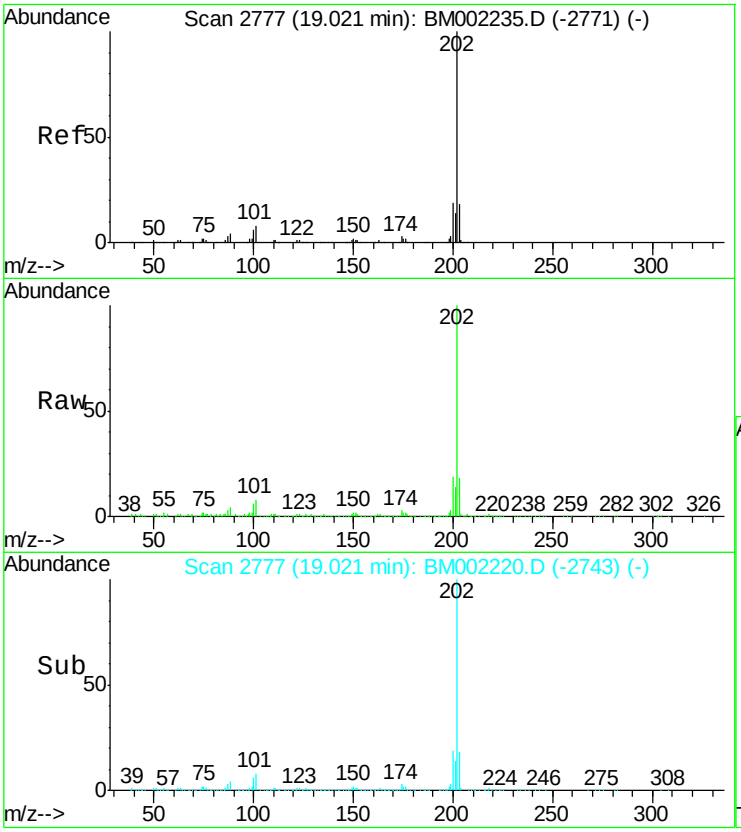


#76
Di-n-butylphthalate
Concen: 1.74 ng/ul
RT: 17.92 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Tgt Ion:149 Resp: 27437

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.0	10.4
104	6.2	4.0	6.0#



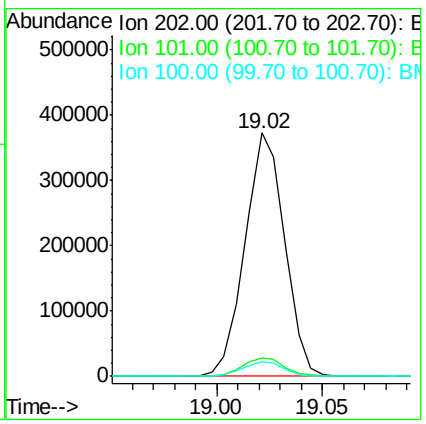


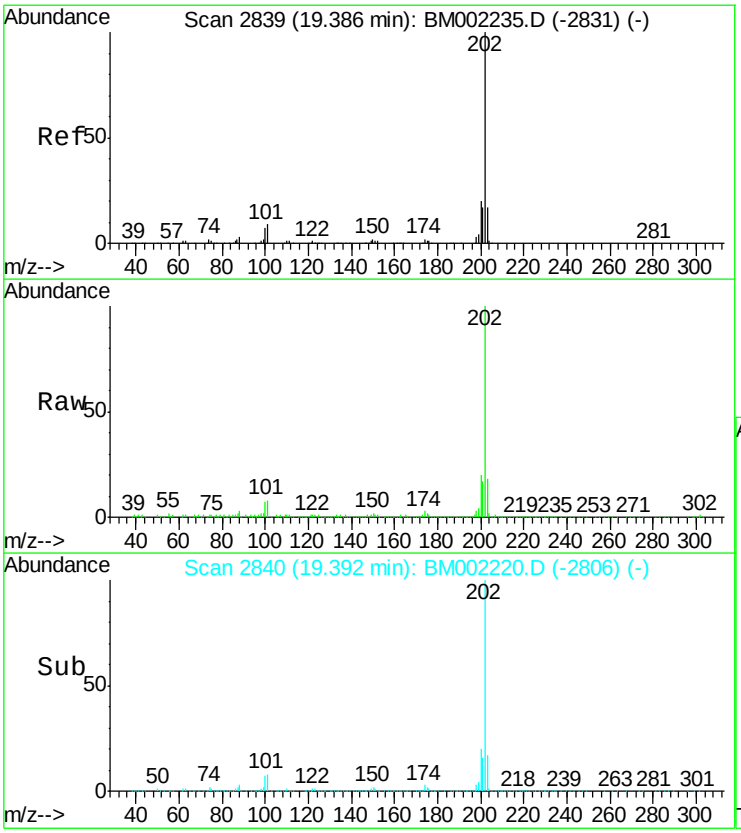
#77
Fluoranthene
Concen: 28.20 ng/ul
RT: 19.02 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Instrument :
BNA_M
ClientSampleId :
C02L6RE

Tgt Ion:202 Resp: 484819

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.2
100	6.0	4.8	7.2

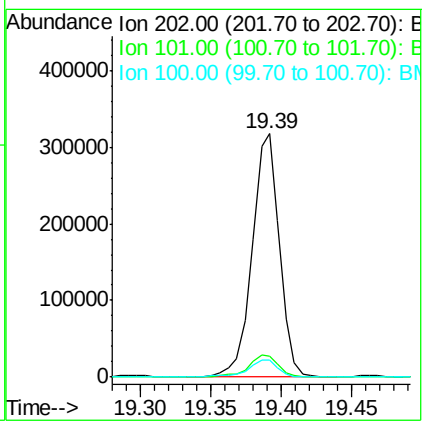


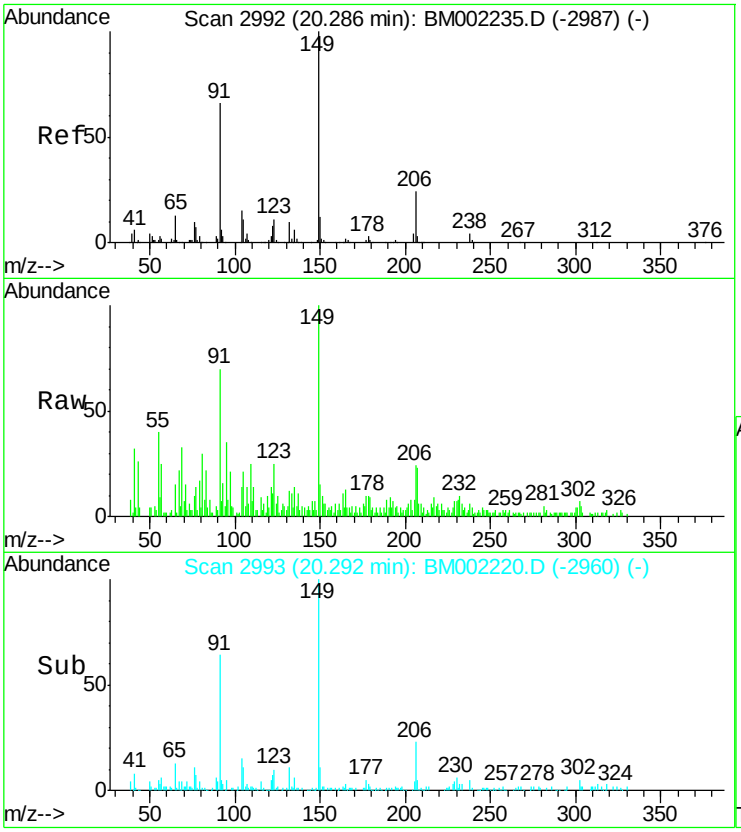


#80
Pyrene
Concen: 20.73 ng/ul
RT: 19.39 min Scan# 2840
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Tgt Ion:202 Resp: 428720

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.6
100	7.1	5.8	8.8



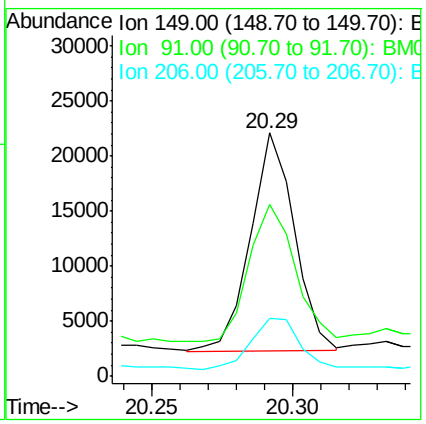


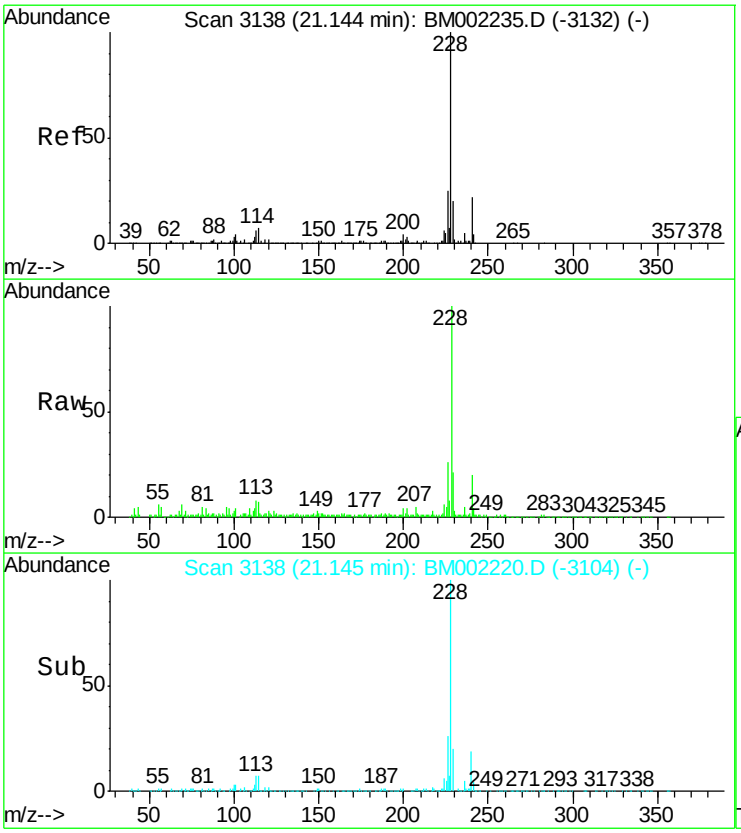
#81
Butylbenzylphthalate
Concen: 2.87 ng/ul
RT: 20.29 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Instrument :
BNA_M
ClientSampleId :
C02L6RE

Tgt Ion:149 Resp: 21440

Ion	Ratio	Lower	Upper
149	100		
91	70.5	50.6	76.0
206	23.6	19.8	29.6

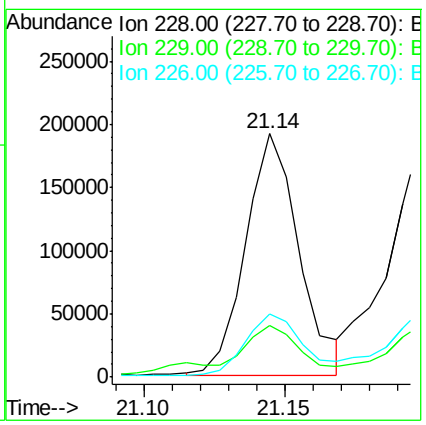


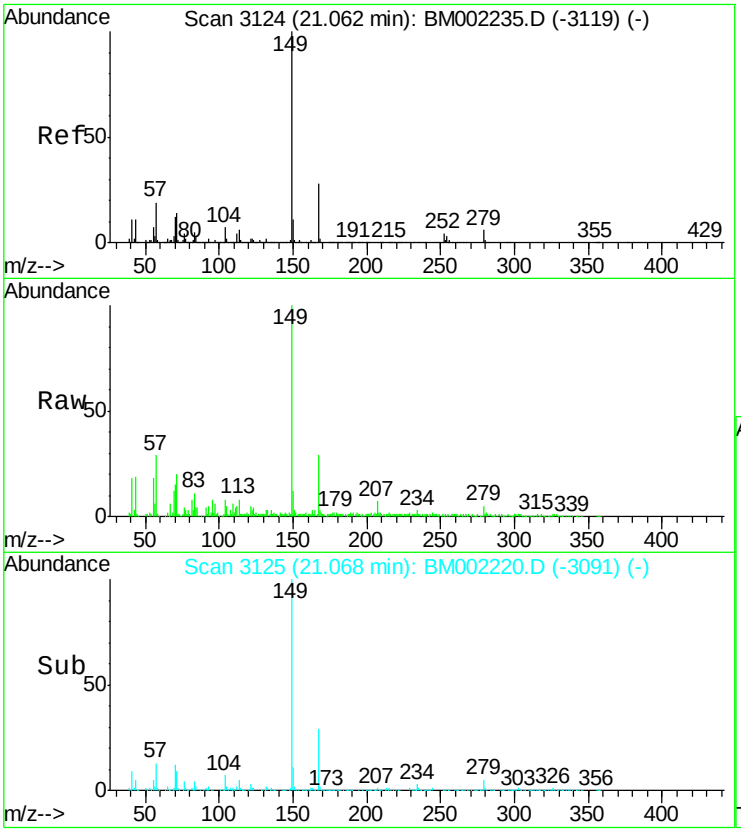


#83
Benzo(a)anthracene
Concen: 13.31 ng/ul
RT: 21.14 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Tgt Ion:228 Resp: 250922

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	26.0	20.6	31.0



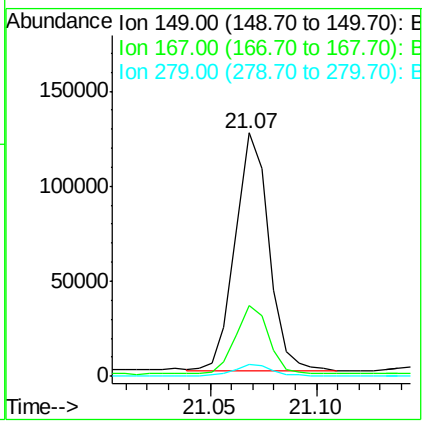


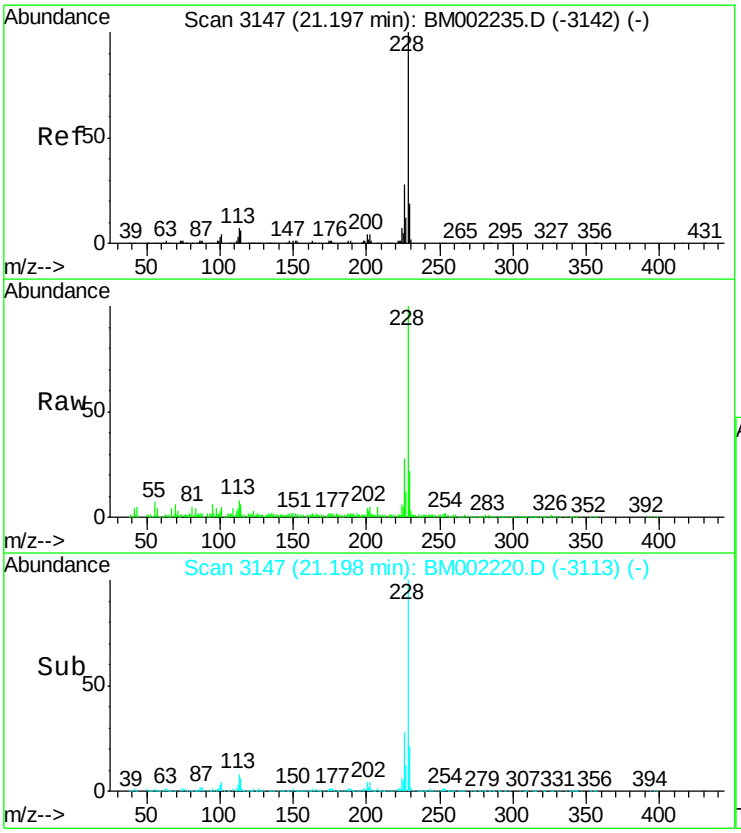
#84
Bis(2-ethylhexyl)phthalate
Concen: 13.09 ng/ul
RT: 21.07 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Instrument :
BNA_M
ClientSampleId :
C02L6RE

Tgt Ion:149 Resp: 138877

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.0	34.4
279	4.9	4.0	6.0

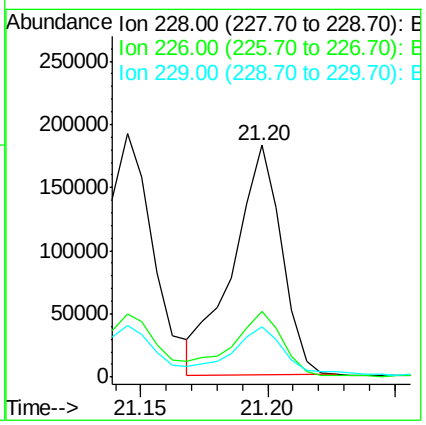


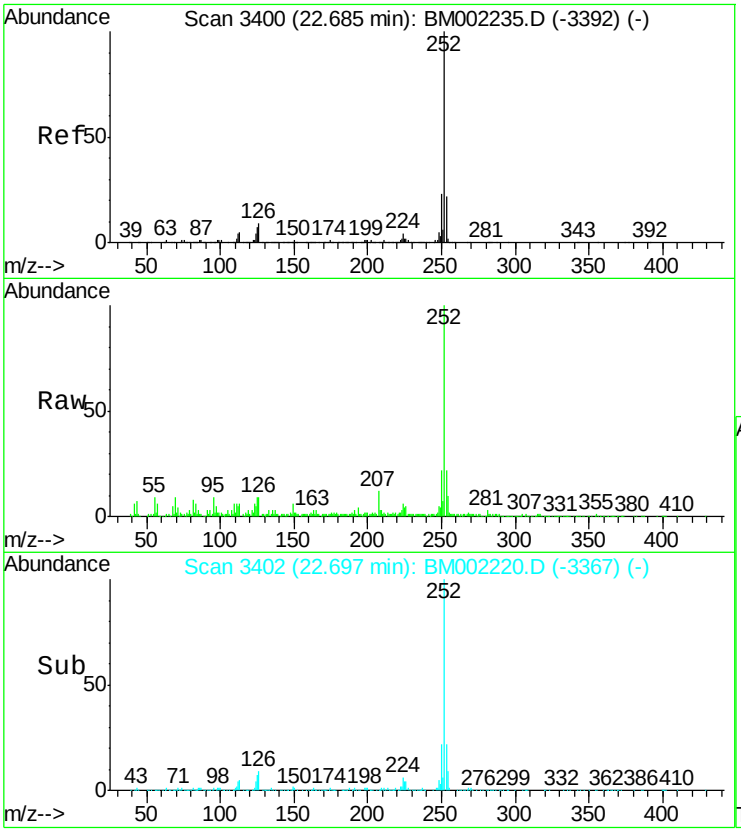


#85
Chrysene
Concen: 13.90 ng/ul
RT: 21.20 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Tgt Ion:228 Resp: 241164

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	21.8	15.5	23.3



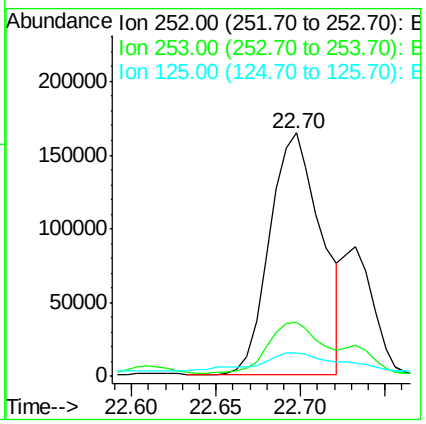


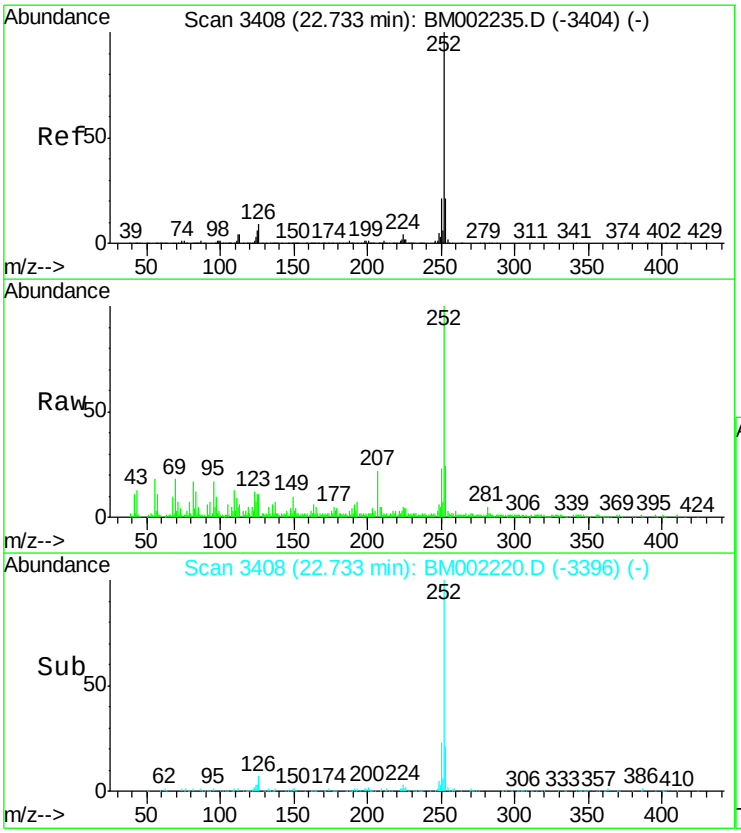
#88
Benzo(b)fluoranthene
Concen: 19.14 ng/ul
RT: 22.70 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Instrument :
BNA_M
ClientSampleId :
C02L6RE

Tgt Ion:252 Resp: 347873

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.4	5.4	8.2#

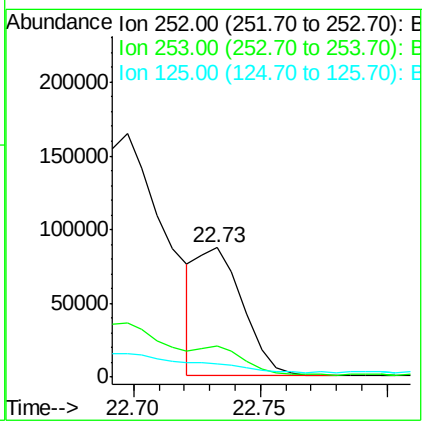


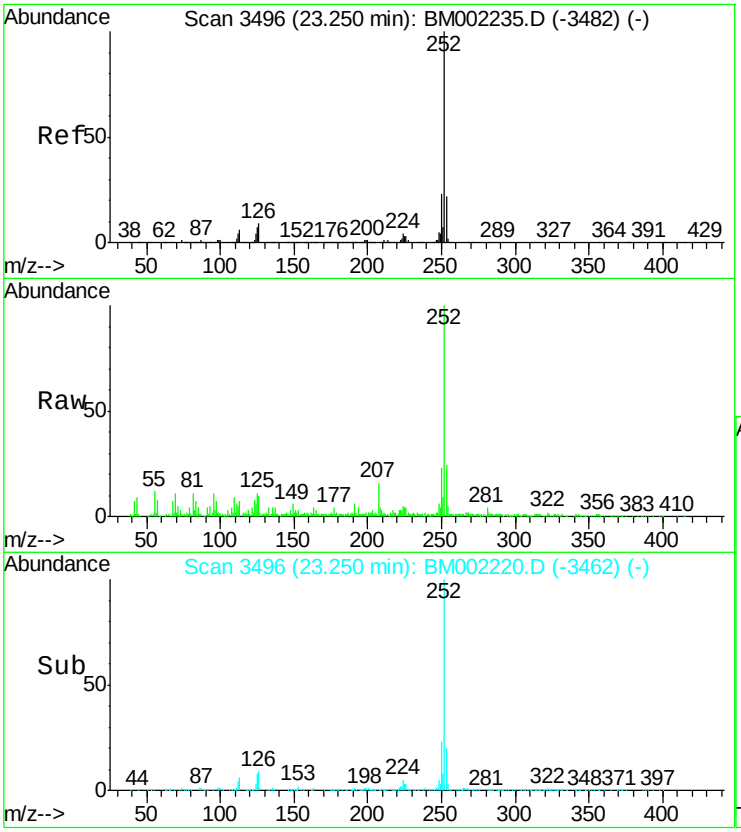


#89
Benzo(k)fluoranthene
Concen: 6.15 ng/ul
RT: 22.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Tgt Ion:252 Resp: 108357

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	10.6	5.6	8.4#



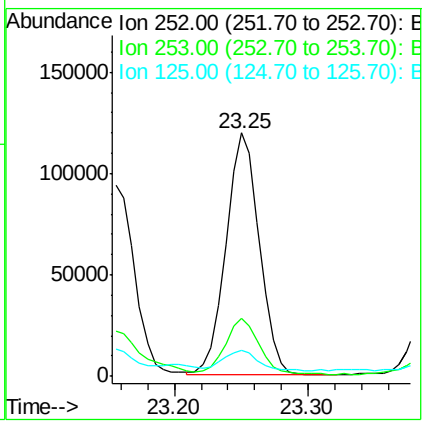


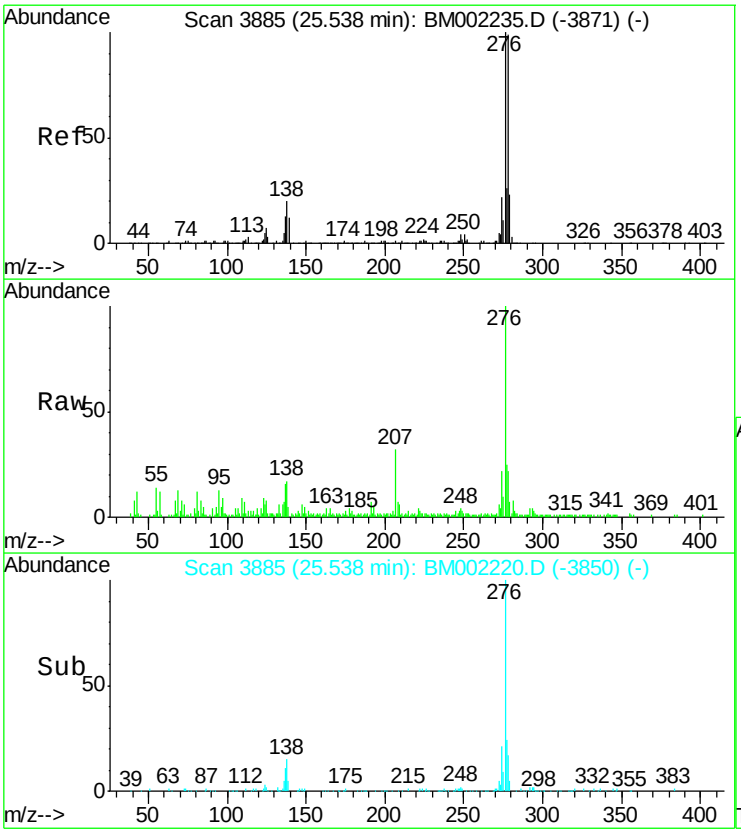
#91
Benzo(a)pyrene
Concen: 11.95 ng/ul
RT: 23.25 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Instrument :
BNA_M
ClientSampleId :
C02L6RE

Tgt Ion:252 Resp: 207448

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	10.5	6.1	9.1#

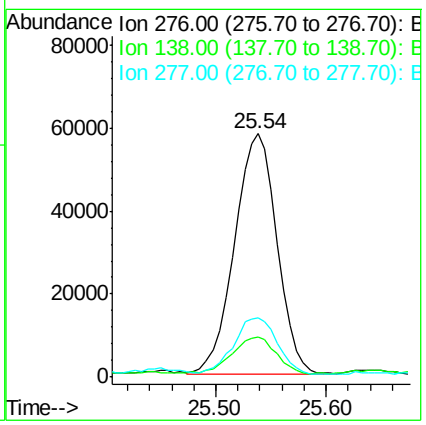


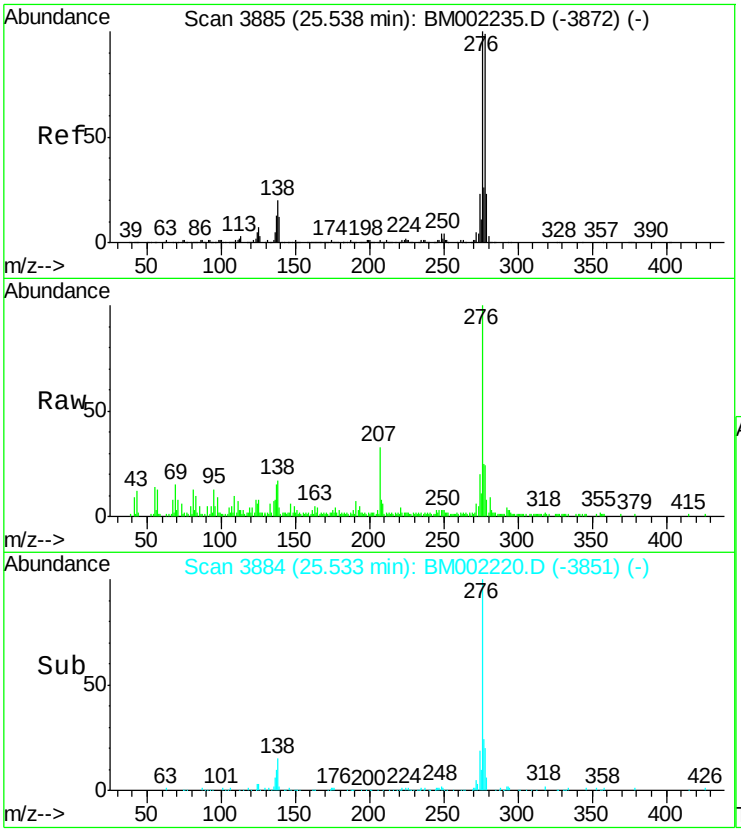


#92
Indeno(1,2,3-cd)pyrene
Concen: 7.95 ng/ul
RT: 25.54 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Tgt Ion:276 Resp: 155546

Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.4	23.0
277	24.5	20.2	30.2



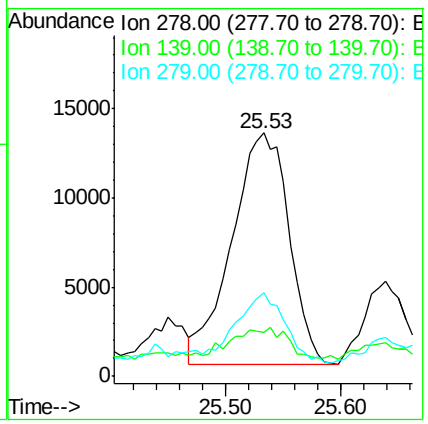


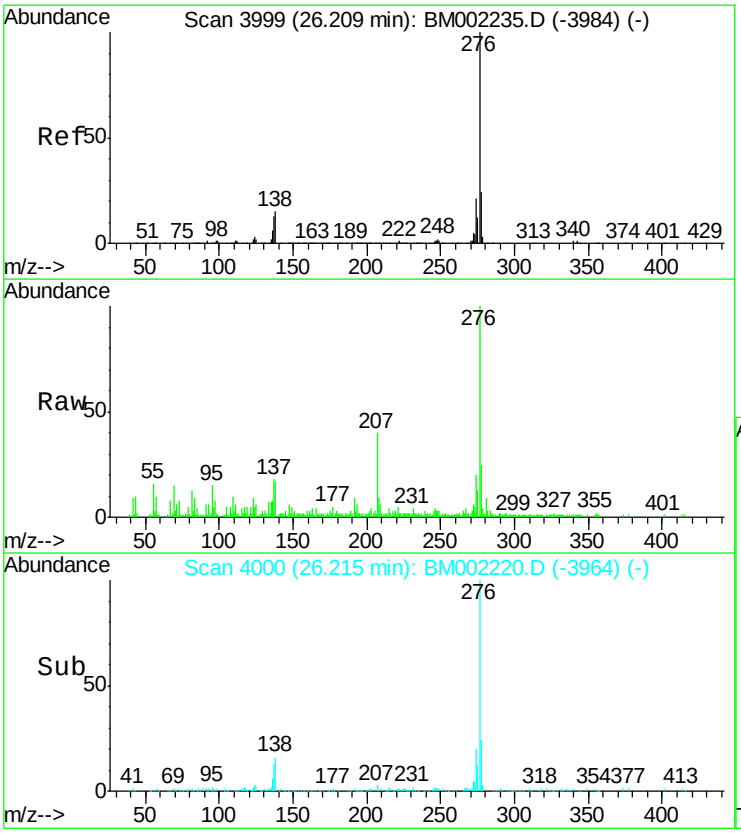
#93
Dibenzo(a,h)anthracene
Concen: 2.66 ng/ul
RT: 25.53 min Scan# 3884
Delta R.T. -0.01 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Instrument :
BNA_M
ClientSampleId :
C02L6RE

Tgt Ion:278 Resp: 44357

Ion	Ratio	Lower	Upper
278	100		
139	18.3	10.4	15.6#
279	34.3	17.9	26.9#





#94
Benzo(g,h,i)perylene
Concen: 8.82 ng/ul
RT: 26.21 min Scan# 4000
Delta R.T. 0.01 min
Lab File: BM002220.D
Acq: 04 Aug 2015 21:29

Tgt Ion:276 Resp: 143658

Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.5	18.7
277	24.7	19.4	29.0