Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002227.D
Acq On : 05 Aug 2015 01:44
Operator : TP/UM
Sample : G3095-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01P0RE

Quant Time: Aug 05 05:33:07 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	144997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	558959	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	303228	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	613232	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	729209	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	781524	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	4105	1.61	ng/uL	0.00
5) Phenol-d5	6.72	99	97867	9.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	53797	9.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	85899	9.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	70191	7.85	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	39723	9.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	46837	9.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	83234	9.10	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	50845	5.02	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	225228	10.21	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	269030	9.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	21210	7.42	ng/ul	0.02
58) Fluorene-d10	15.20	176	183164	9.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	7245	2.05	ng/ul	0.01
71) Anthracene-d10	17.06	188	255575	9.36	ng/ul	0.00
79) Pyrene-d10	19.37	212	273613	7.84	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.22	264	318292	8.39	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	13.66	163	84885	3.86	ng/ul	99
70) Phenanthrene	17.00	178	165960	5.27	ng/ul	98
72) Anthracene	17.09	178	51371	1.60	ng/ul	98
77) Fluoranthene	19.03	202	349770	10.15	ng/ul	99
80) Pyrene	19.40	202	366010	8.17	ng/ul	99
83) Benzo(a)anthracene	21.15	228	174630	4.27	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	242121	10.53	ng/ul	99
85) Chrysene	21.20	228	185821	4.94	ng/ul	95
88) Benzo(b)fluoranthene	22.70	252	276348	6.28	ng/ul#	94
89) Benzo(k)fluoranthene	22.70	252	72116	1.69	ng/ul#	94
91) Benzo(a)pyrene	23.26	252	155522	3.70	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.55	276	114829	2.42	ng/ul	97
94) Benzo(g,h,i)perylene	26.23	276	109828	2.78	ng/ul	99

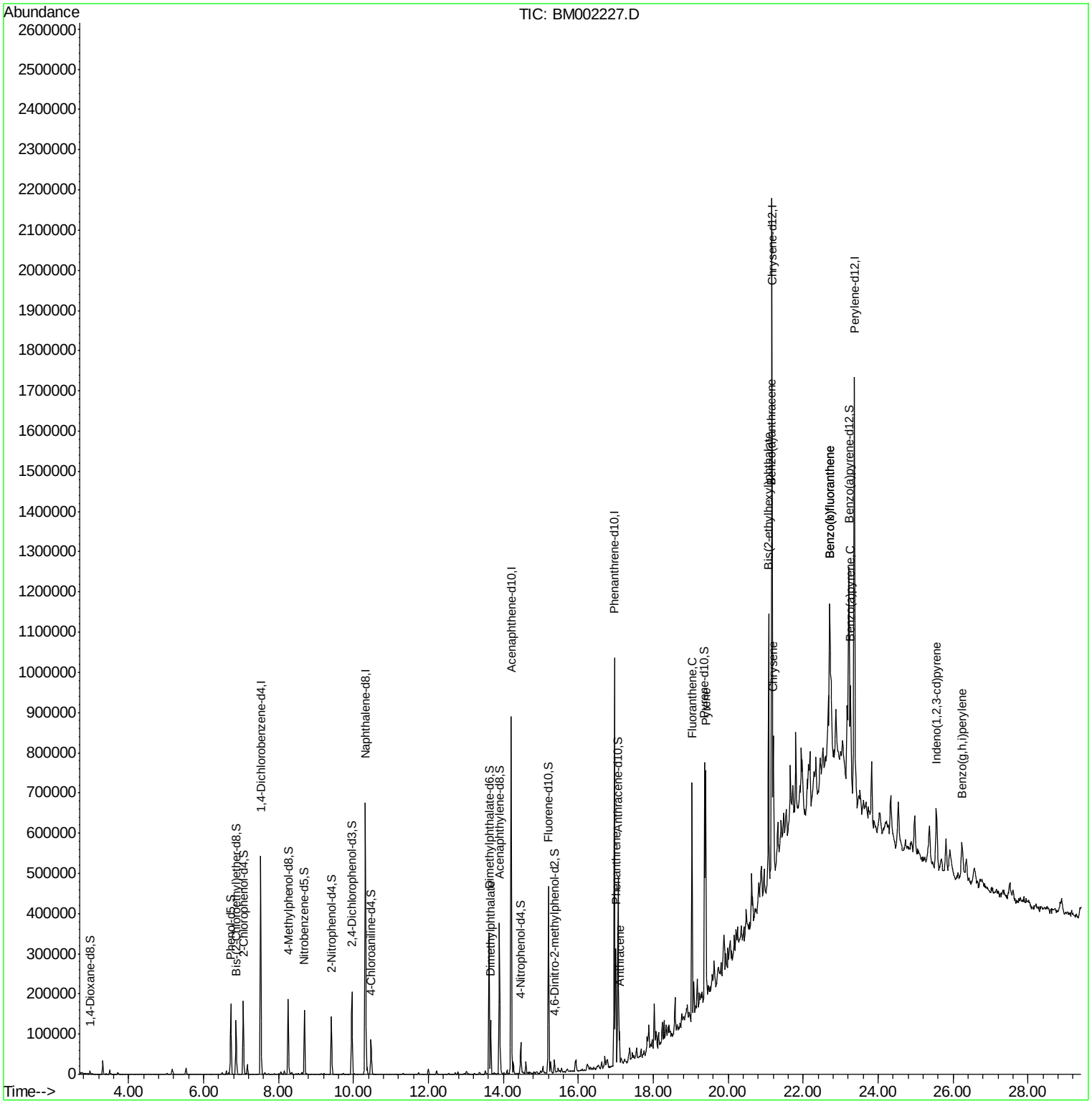
(#) = qualifier out of range (m) = manual integration (+) = signals summed

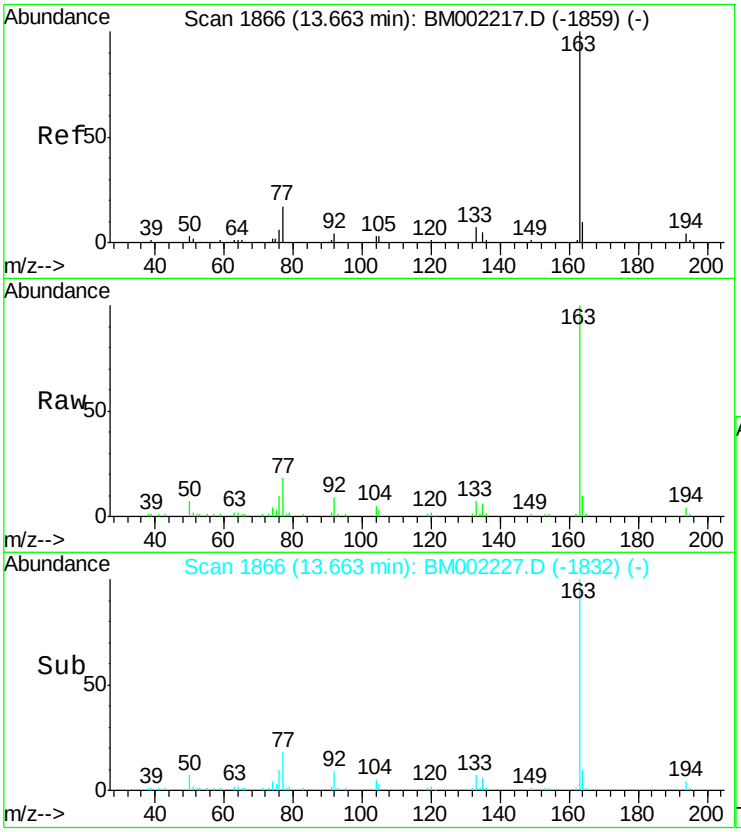
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002227.D
Acq On : 05 Aug 2015 01:44
Operator : TP/UM
Sample : G3095-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01P0RE

Quant Time: Aug 05 05:33:07 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



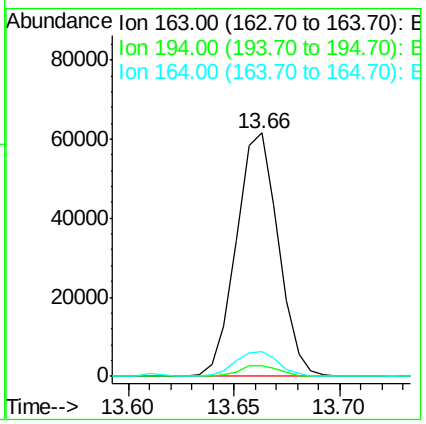


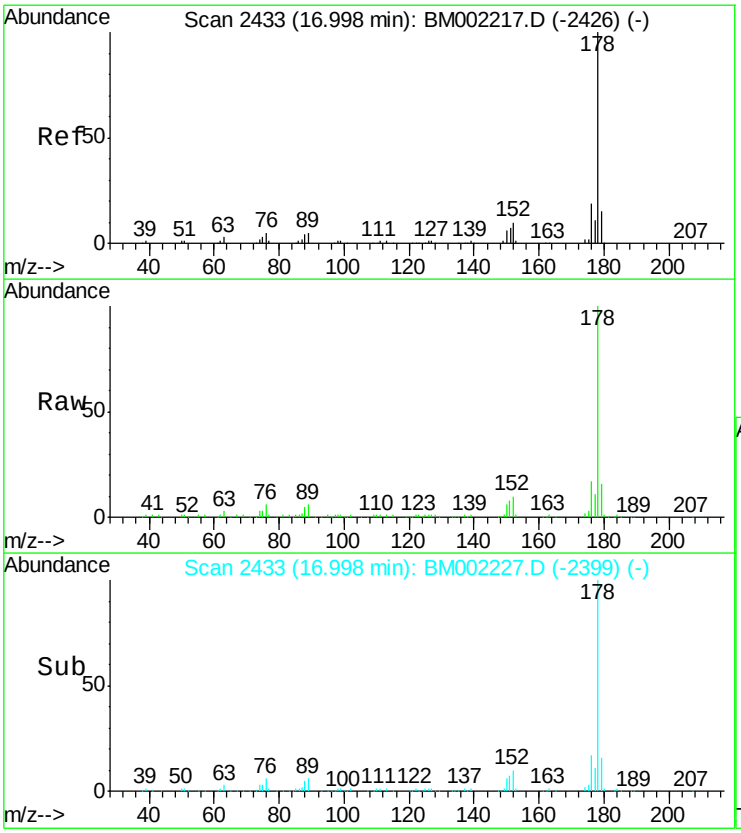
#45
Dimethylphthalate
Concen: 3.86 ng/ul
RT: 13.66 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Instrument :
BNA_M
ClientSampleId :
C01P0RE

Tgt Ion:163 Resp: 84885

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	7.9	11.9

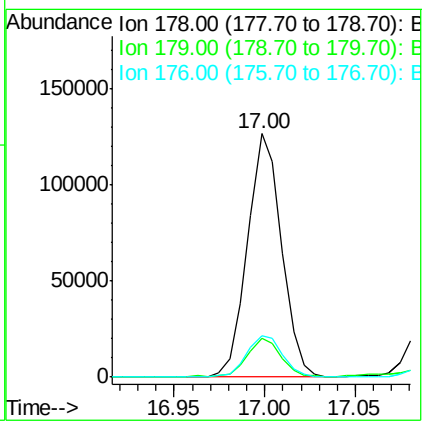


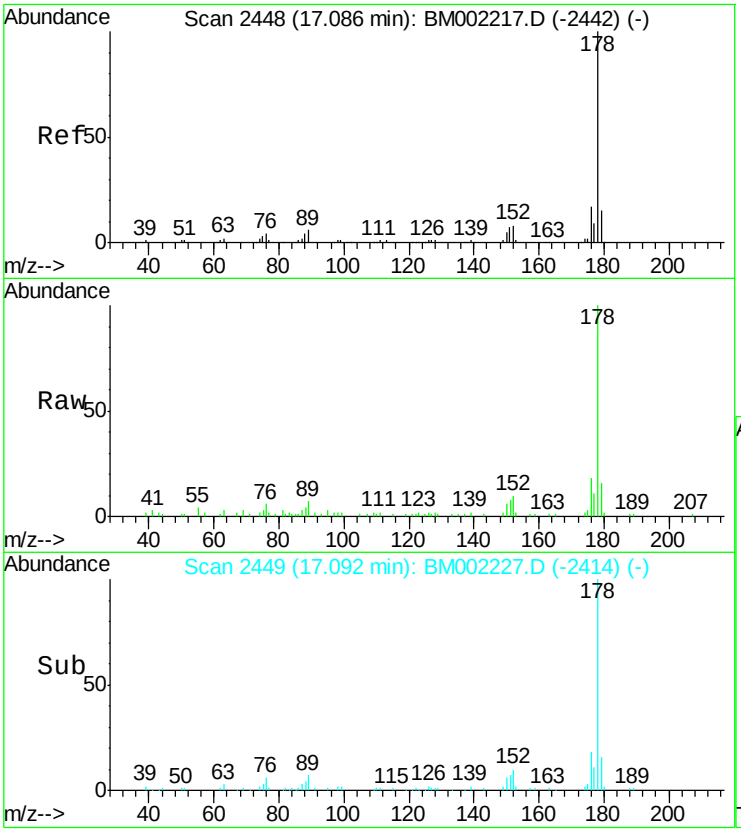


#70
Phenanthrene
Concen: 5.27 ng/ul
RT: 17.00 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Tgt Ion:178 Resp: 165960

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	17.1	14.6	21.8



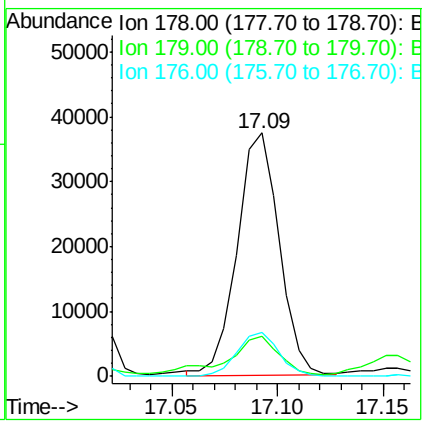


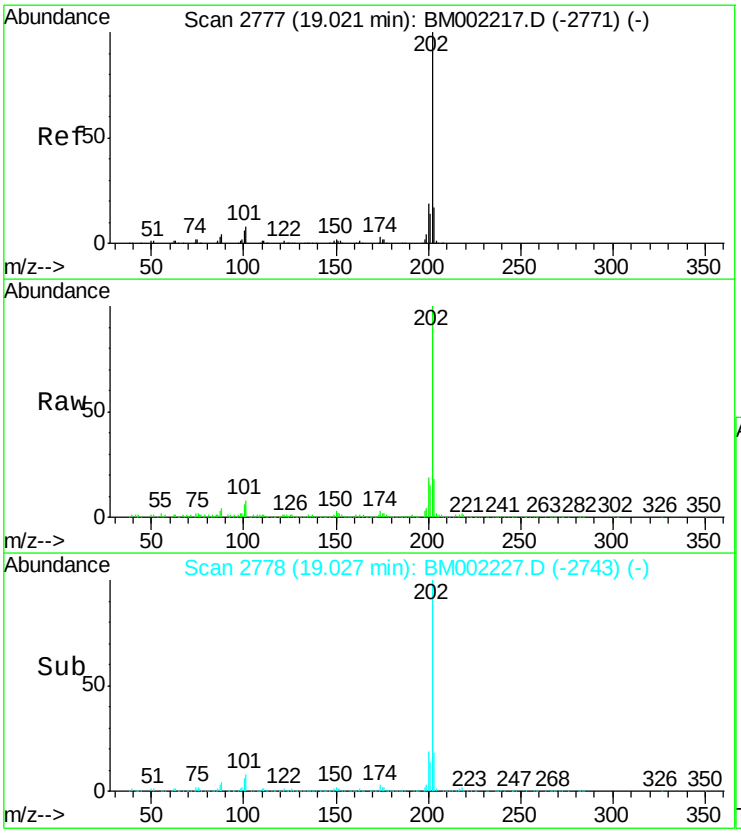
#72
Anthracene
Concen: 1.60 ng/ul
RT: 17.09 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Instrument :
BNA_M
ClientSampleId :
C01P0RE

Tgt Ion:178 Resp: 51371

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.2
176	18.1	13.8	20.6

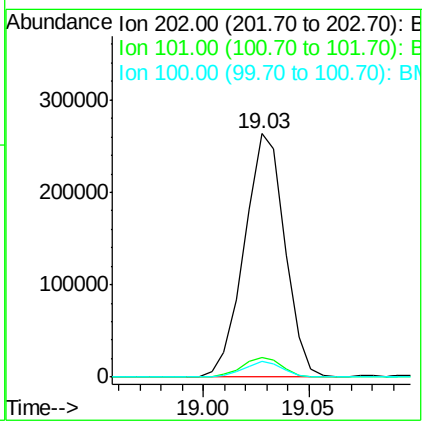


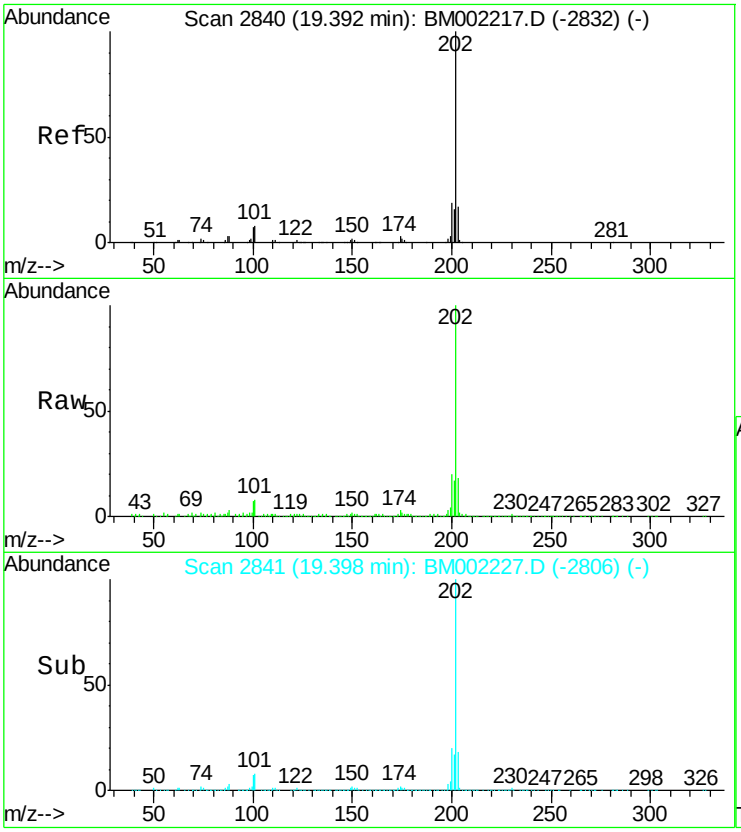


#77
Fluoranthene
Concen: 10.15 ng/ul
RT: 19.03 min Scan# 2778
Delta R.T. 0.01 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Tgt Ion:202 Resp: 349770

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.2
100	6.3	4.8	7.2



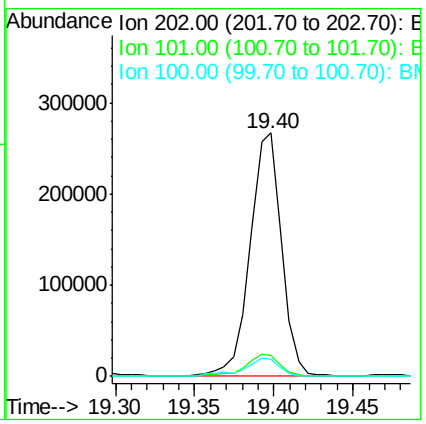


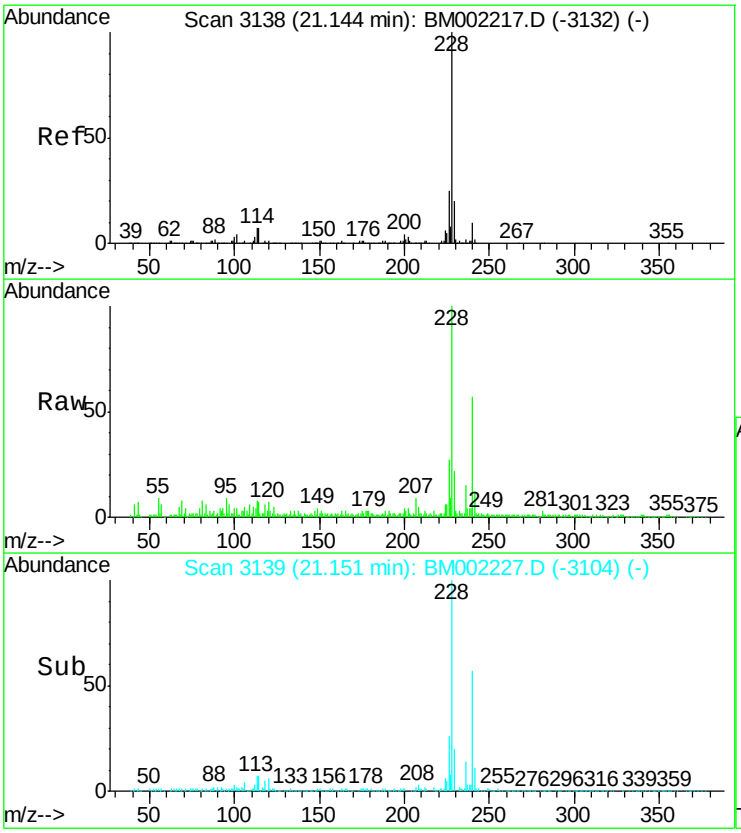
#80
Pyrene
Concen: 8.17 ng/ul
RT: 19.40 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Instrument :
BNA_M
ClientSampleId :
C01P0RE

Tgt Ion:202 Resp: 366010

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.6
100	6.9	5.8	8.8

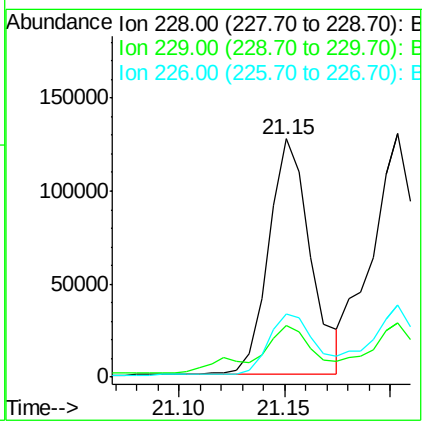


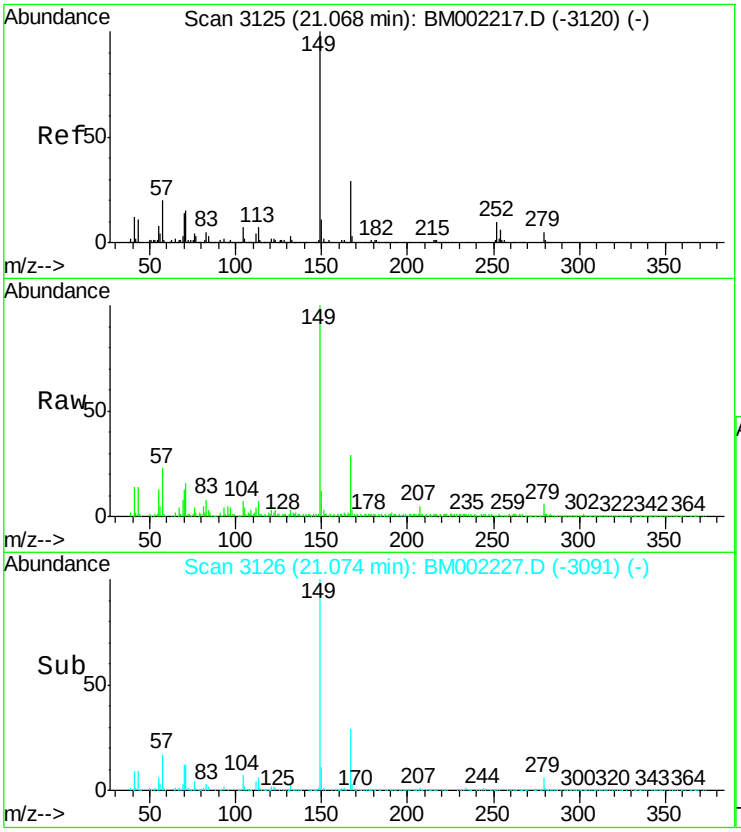


#83
Benzo(a)anthracene
Concen: 4.27 ng/ul
RT: 21.15 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Tgt Ion:228 Resp: 174630

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	26.6	20.6	31.0



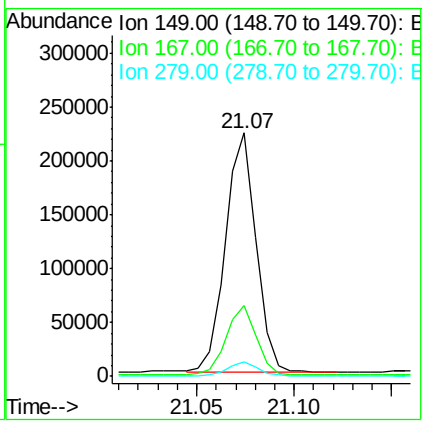


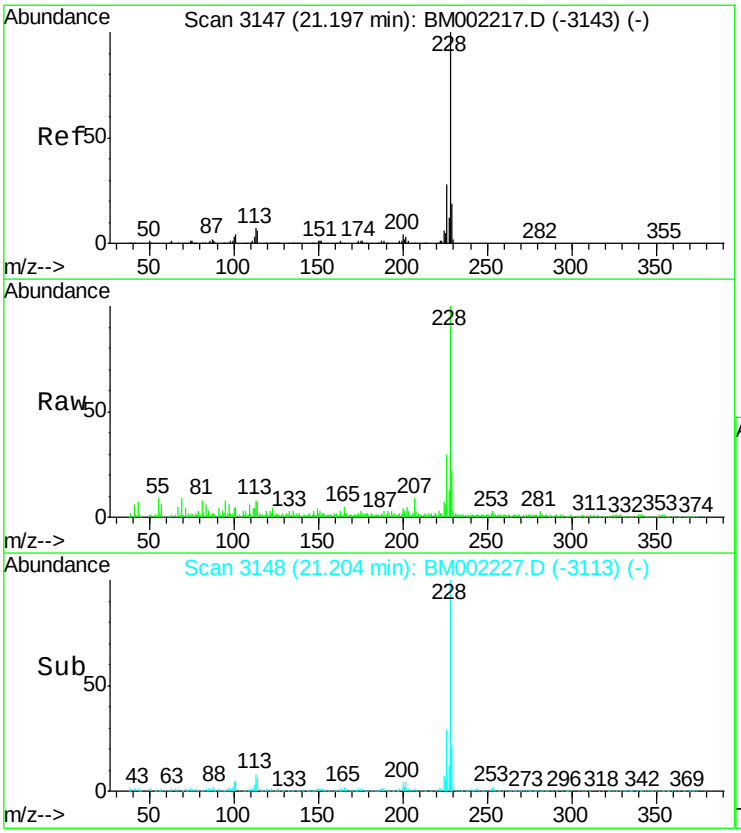
#84
Bis(2-ethylhexyl)phthalate
Concen: 10.53 ng/ul
RT: 21.07 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Instrument :
BNA_M
ClientSampleId :
C01P0RE

Tgt Ion:149 Resp: 242121

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.0	34.4
279	5.9	4.0	6.0

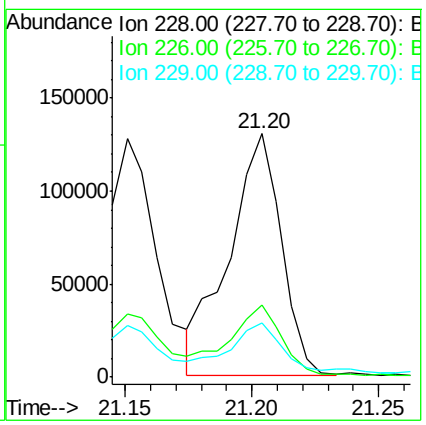


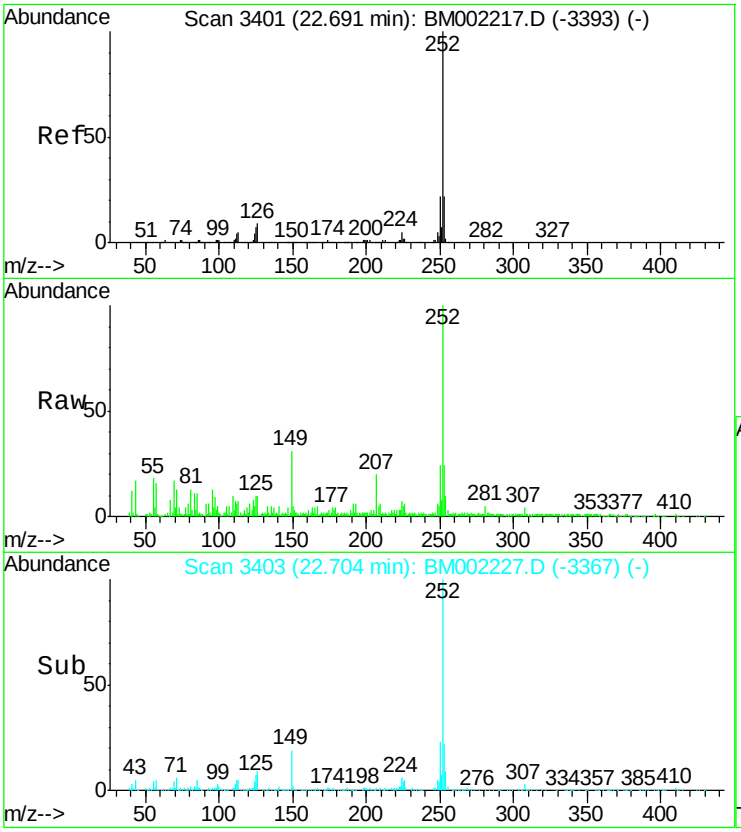


#85
Chrysene
Concen: 4.94 ng/ul
RT: 21.20 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Tgt Ion:228 Resp: 185821

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.4
229	22.1	15.5	23.3



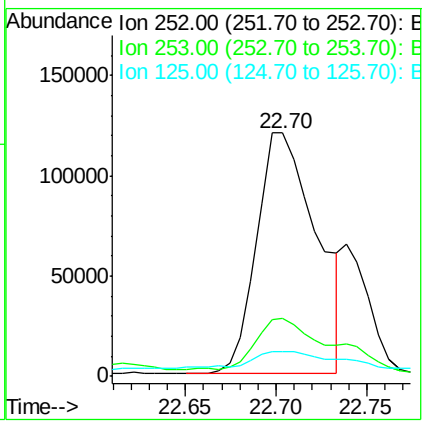


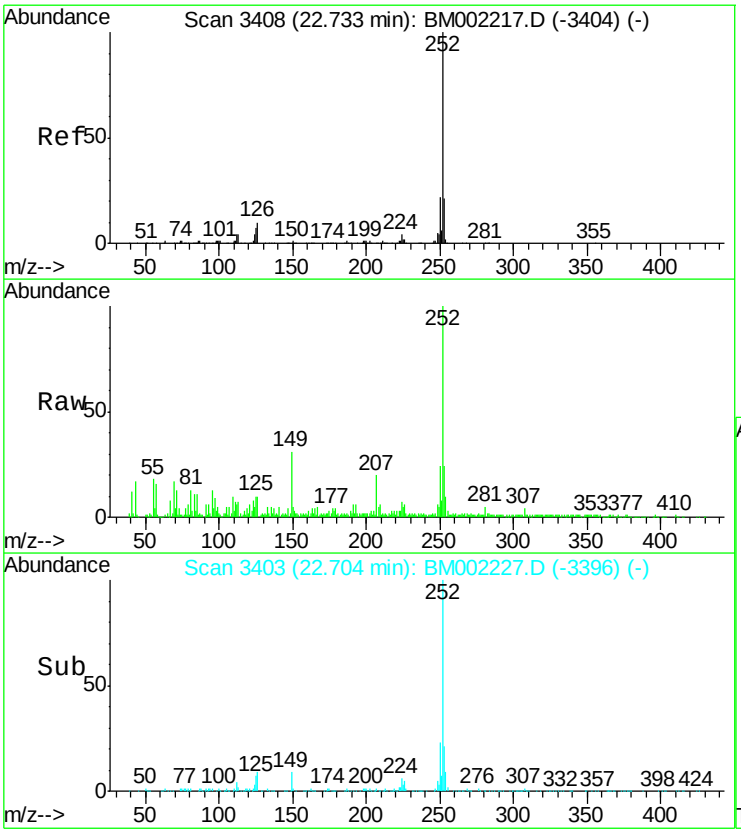
#88
Benzo(b)fluoranthene
Concen: 6.28 ng/ul
RT: 22.70 min Scan# 3403
Delta R.T. 0.01 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Instrument :
BNA_M
ClientSampleId :
C01P0RE

Tgt Ion:252 Resp: 276348

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	10.3	5.4	8.2#

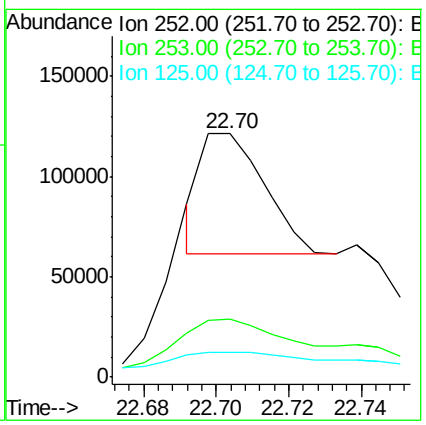


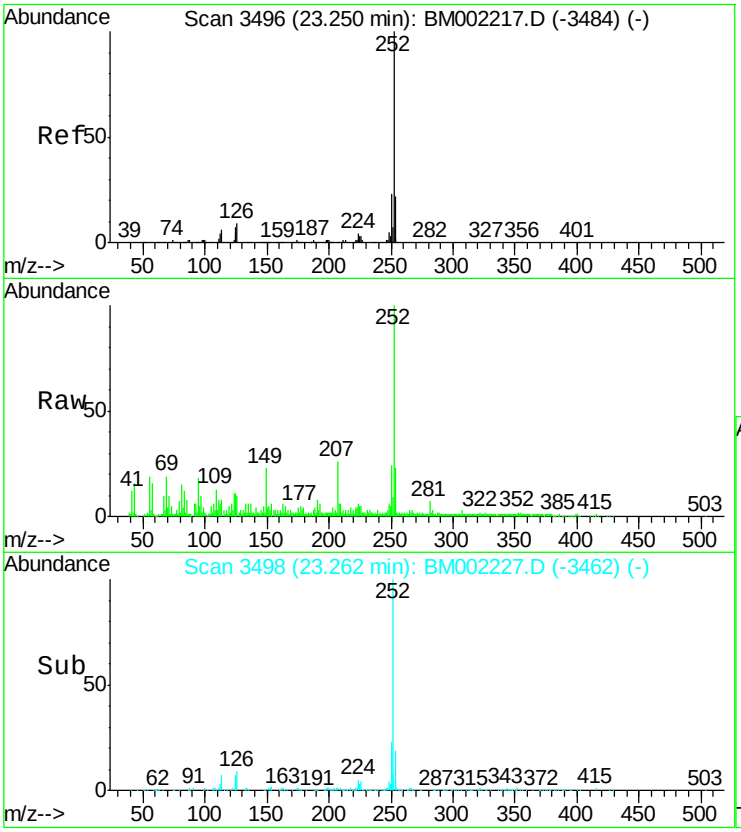


#89
Benzo(k)fluoranthene
Concen: 1.69 ng/ul
RT: 22.70 min Scan# 3403
Delta R.T. -0.03 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Tgt Ion:252 Resp: 72116

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	10.3	5.6	8.4#



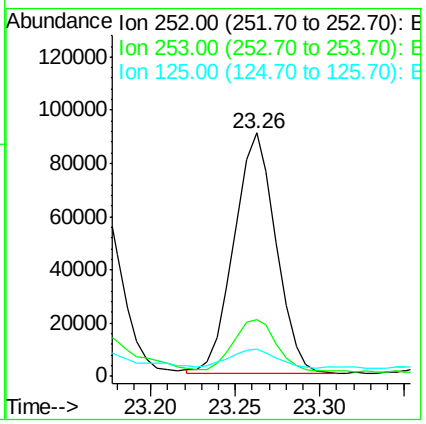


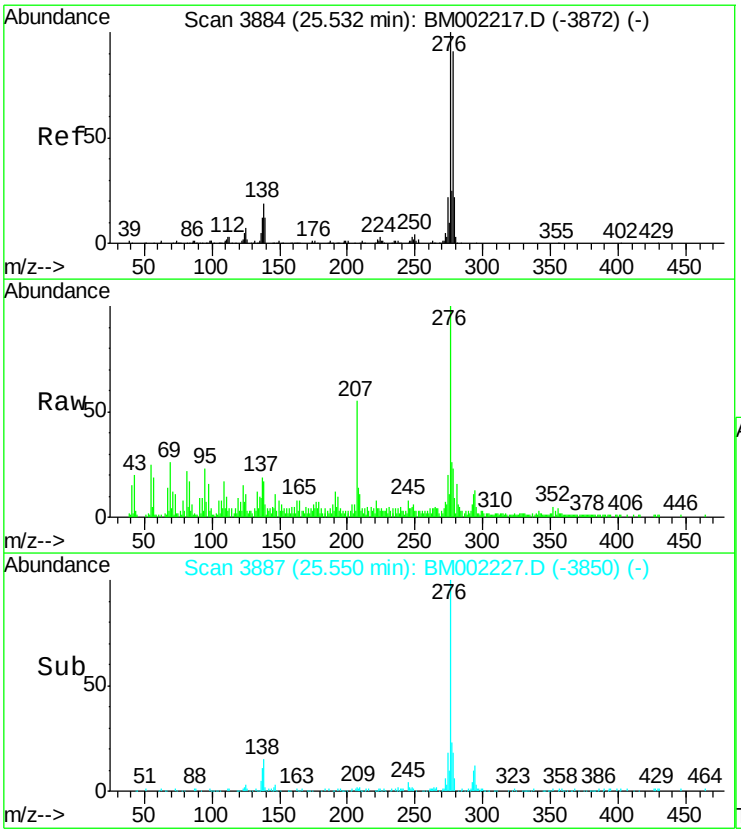
#91
Benzo(a)pyrene
Concen: 3.70 ng/ul
RT: 23.26 min Scan# 3498
Delta R.T. 0.01 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Instrument :
BNA_M
ClientSampleId :
C01P0RE

Tgt Ion:252 Resp: 155522

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.2	6.1	9.1#

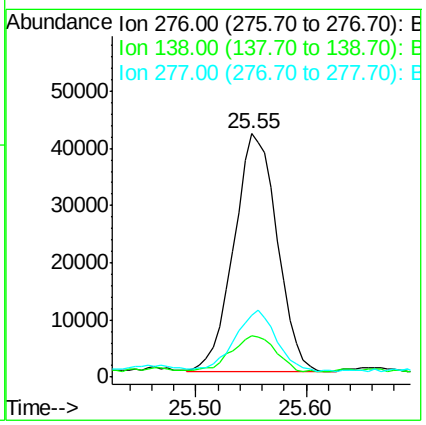


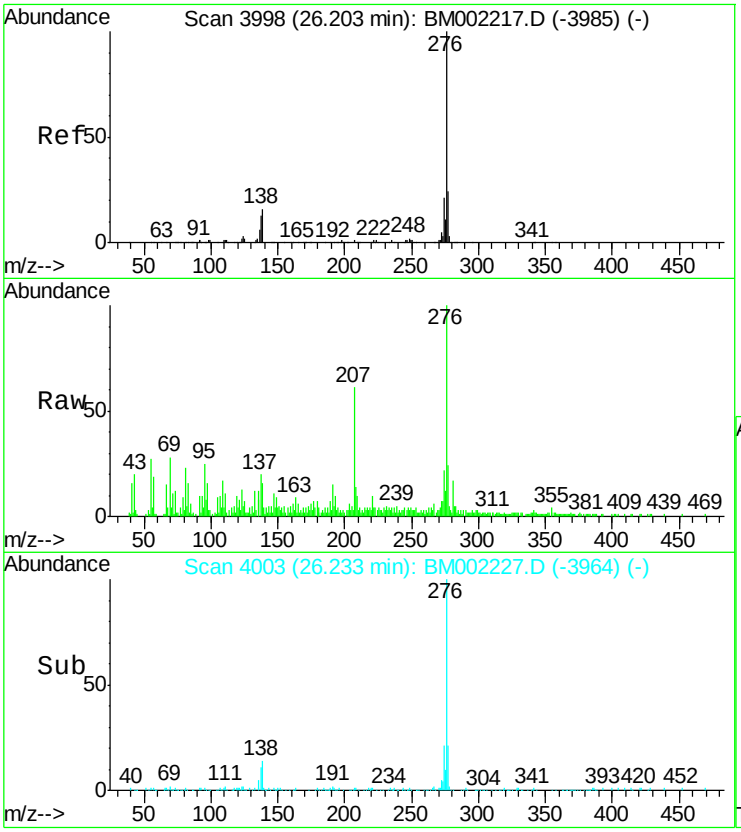


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng/ul
RT: 25.55 min Scan# 3887
Delta R.T. 0.02 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Tgt Ion:276 Resp: 114829

Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.4	23.0
277	25.6	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 2.78 ng/ul
RT: 26.23 min Scan# 4003
Delta R.T. 0.03 min
Lab File: BM002227.D
Acq: 05 Aug 2015 01:44

Instrument :
BNA_M
ClientSampleId :
C01P0RE

Tgt Ion:276 Resp: 109828

Ion	Ratio	Lower	Upper
276	100		
138	16.4	12.5	18.7
277	24.1	19.4	29.0