Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
Data File : BM006160.D
Acq On : 30 Jun 2016 14:58
Operator : UM/SJ
Sample : H3779-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YD4

Quant Time: Jun 30 16:46:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	281120	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1312405	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	733302	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1447445	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	996425	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1123831	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7286	1.20	ng/uL	0.00
3) Phenol-d5	6.83	99	398782	17.36	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	244367	18.05	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	306053	17.36	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	325209	17.59	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	154837	17.52	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	170905	16.89	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	313927	17.01	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	310723	21.30	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	932606	17.74	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1181501	18.52	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	124552	12.49	ng/ul	0.00
21) Fluorene-d10	15.30	176	792395	17.67	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	65363	12.75	ng/ul	0.00
26) Anthracene-d10	17.15	188	1085689	18.70	ng/ul	0.00
30) Pyrene-d10	19.46	212	900019	22.43	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	826743	18.49	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.49	128	120523	2.10	ng/ul	99
18) Acenaphthylene	14.03	152	148747	2.23	ng/ul	98
22) Fluorene	15.36	166	49730	1.03	ng/ul	98
25) Phenanthrene	17.10	178	979185	14.30	ng/ul	100
27) Anthracene	17.19	178	293235	4.16	ng/ul	98
28) Fluoranthene	19.12	202	2382457	28.40	ng/ul	98
31) Pyrene	19.49	202	1902006	36.19	ng/ul	96
32) Benzo(a)anthracene	21.24	228	1150978	22.21	ng/ul	96
33) Chrysene	21.29	228	1151315	24.13	ng/ul	98
35) Benzo(b)fluoranthene	22.81	252	1943934	33.33	ng/ul	98
36) Benzo(k)fluoranthene	22.81	252	1943934	35.53	ng/ul	99
38) Benzo(a)pyrene	23.38	252	1303475	23.65	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.70	276	1091031	19.05	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.96	278	211952	4.47	ng/ul	93
41) Benzo(g,h,i)perylene	26.39	276	948630	19.79	ng/ul	97

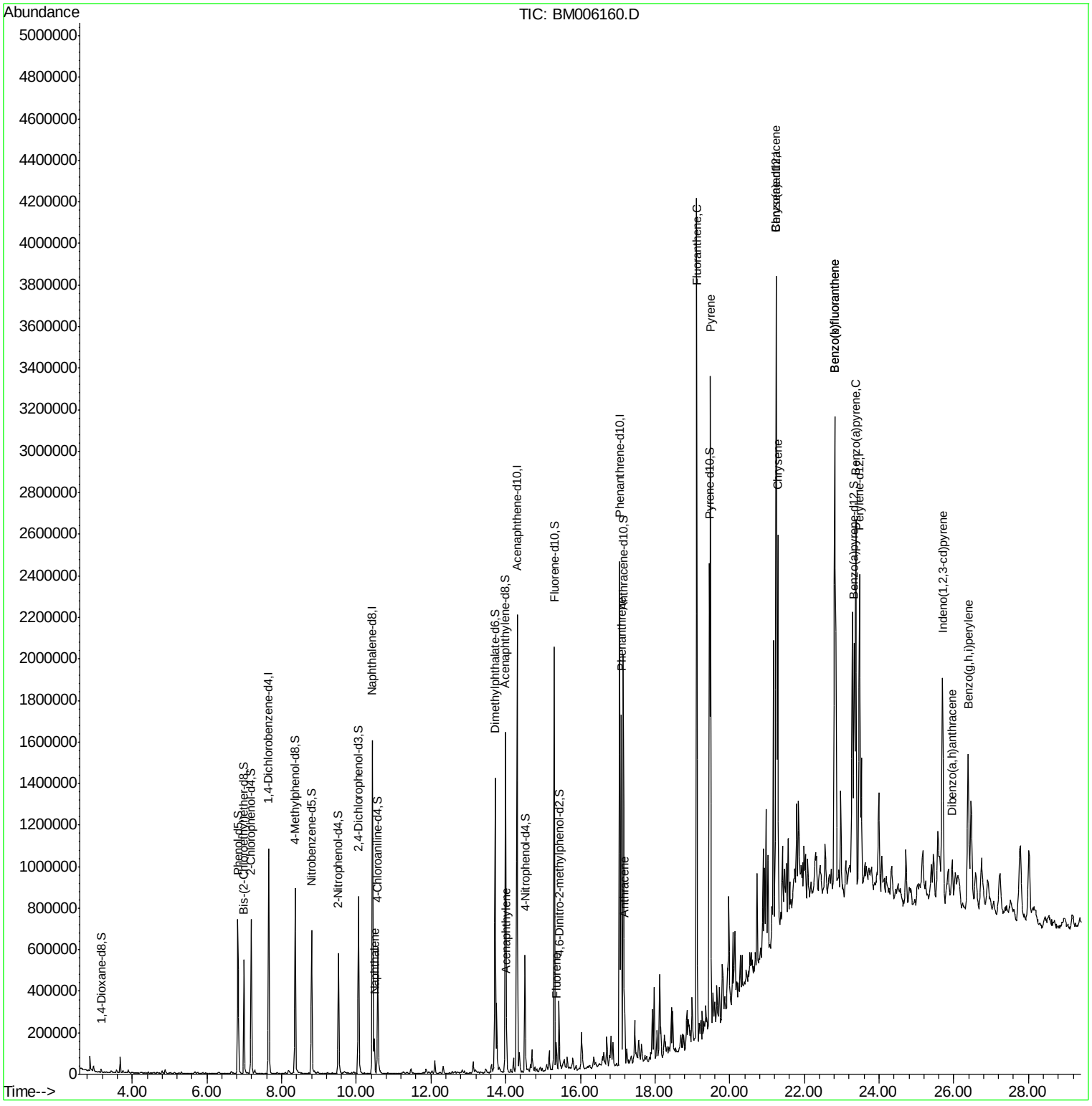
(#) = qualifier out of range (m) = manual integration (+) = signals summed

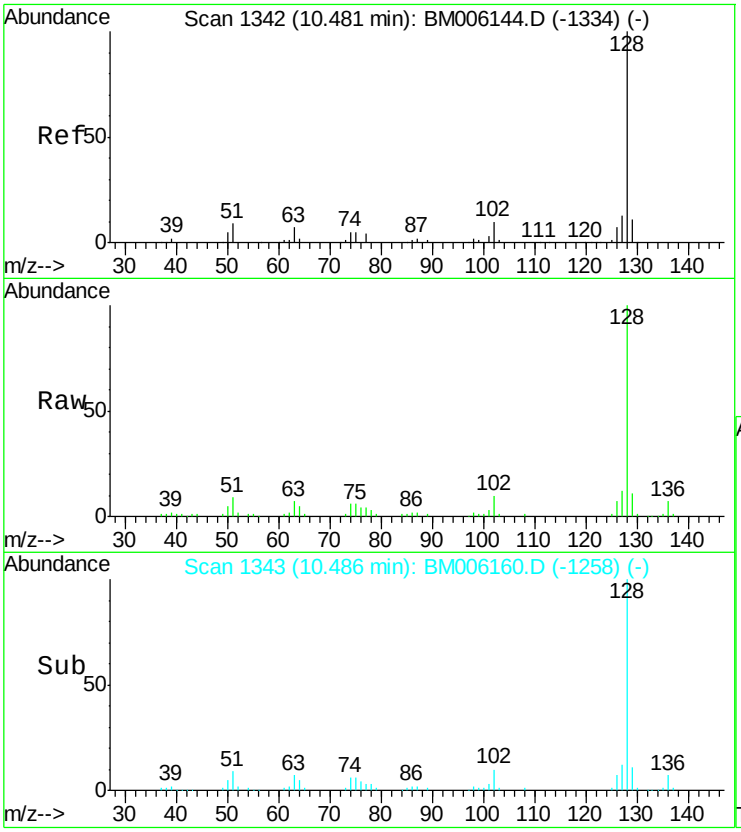
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
Data File : BM006160.D
Acq On : 30 Jun 2016 14:58
Operator : UM/SJ
Sample : H3779-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YD4

Quant Time: Jun 30 16:46:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration



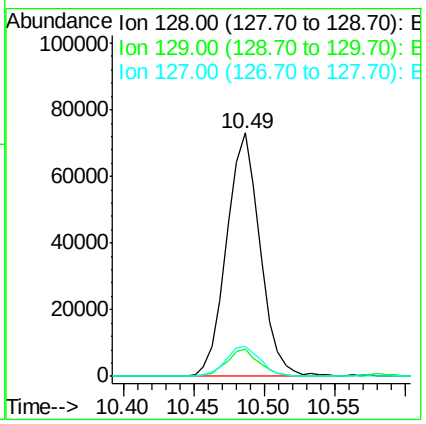


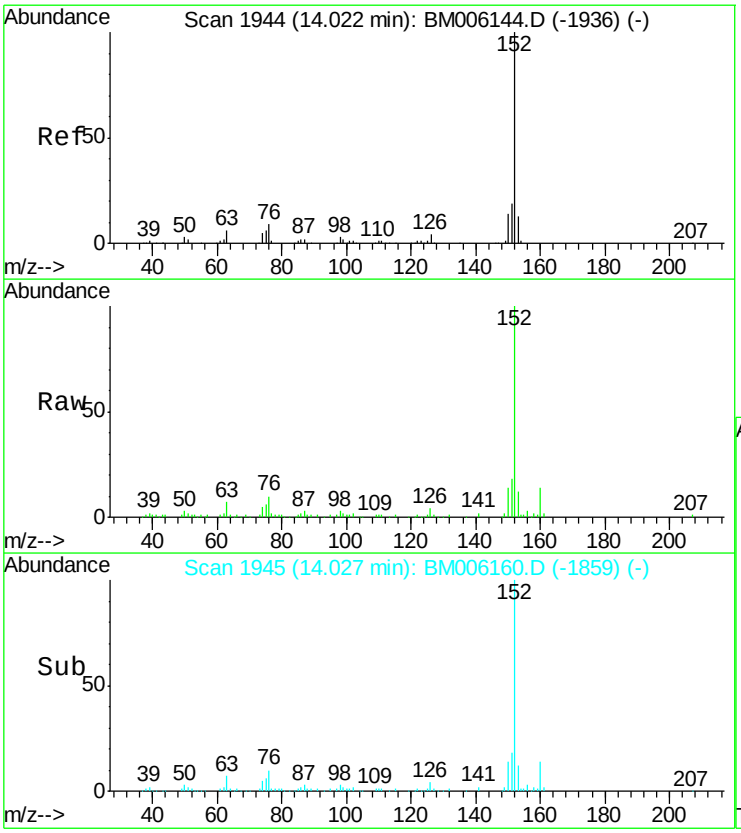
#11
Naphthalene
Concen: 2.10 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Instrument :
BNA_M
ClientSampleId :
D9YD4

Tgt Ion:128 Resp: 120523

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.2	10.5	15.7

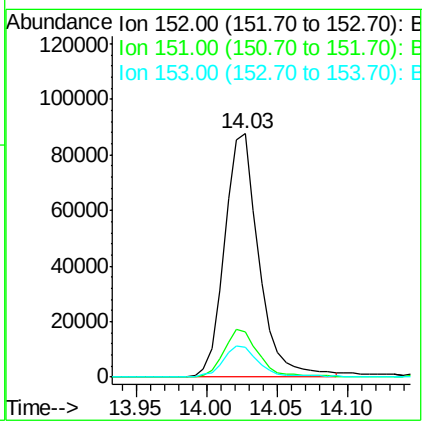


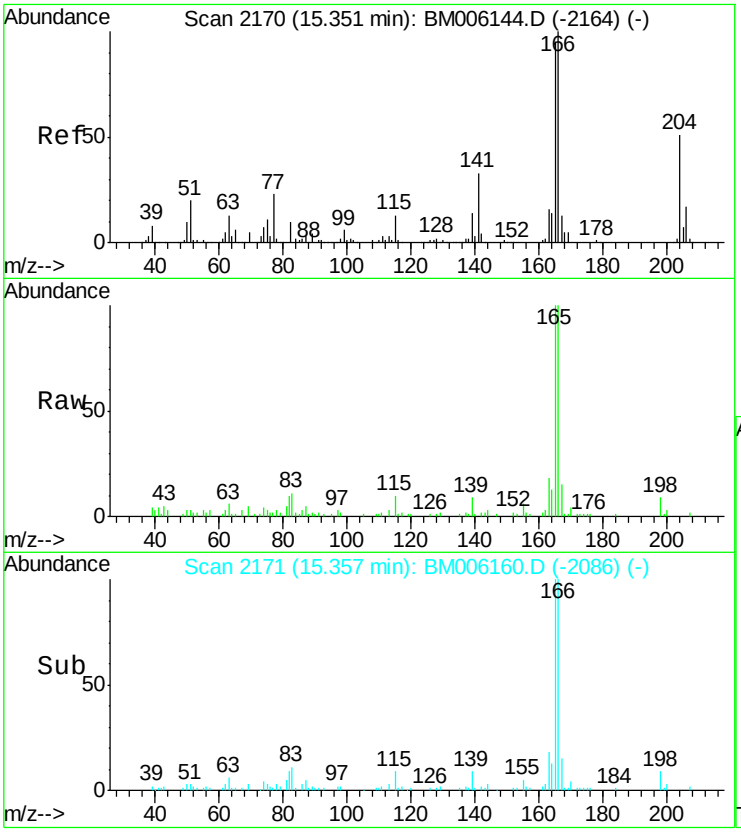


#18
Acenaphthylene
Concen: 2.23 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Tgt Ion:152 Resp: 148747

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.8	23.6
153	12.5	10.3	15.5



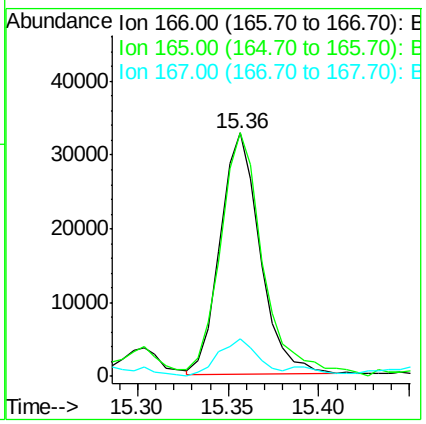


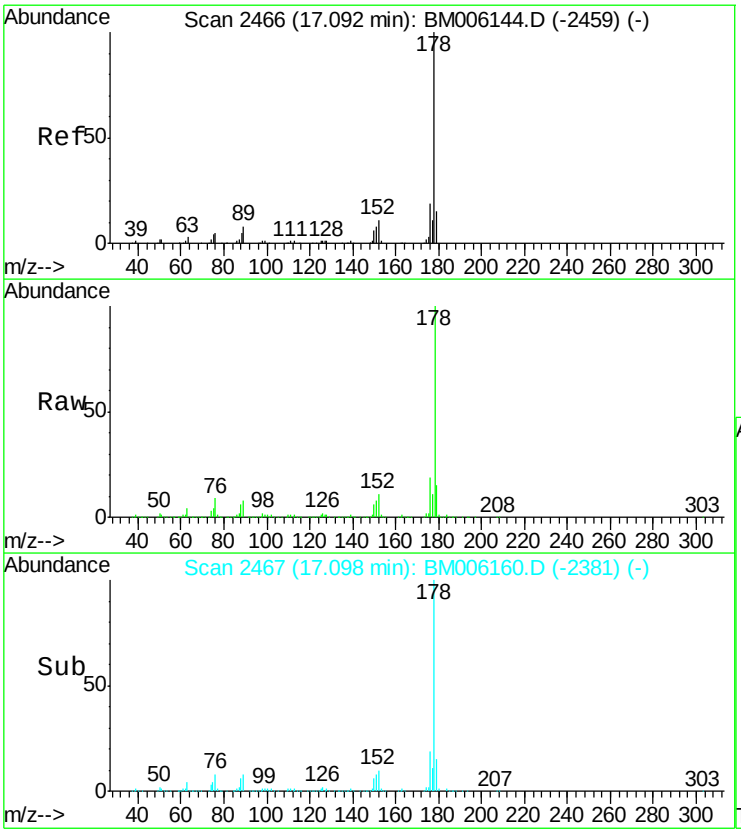
#22
Fluorene
Concen: 1.03 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Instrument :
BNA_M
ClientSampleId :
D9YD4

Tgt Ion:166 Resp: 49730

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.4	117.6
167	15.4	10.6	16.0

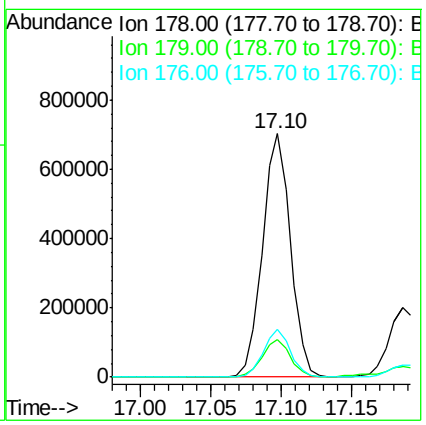


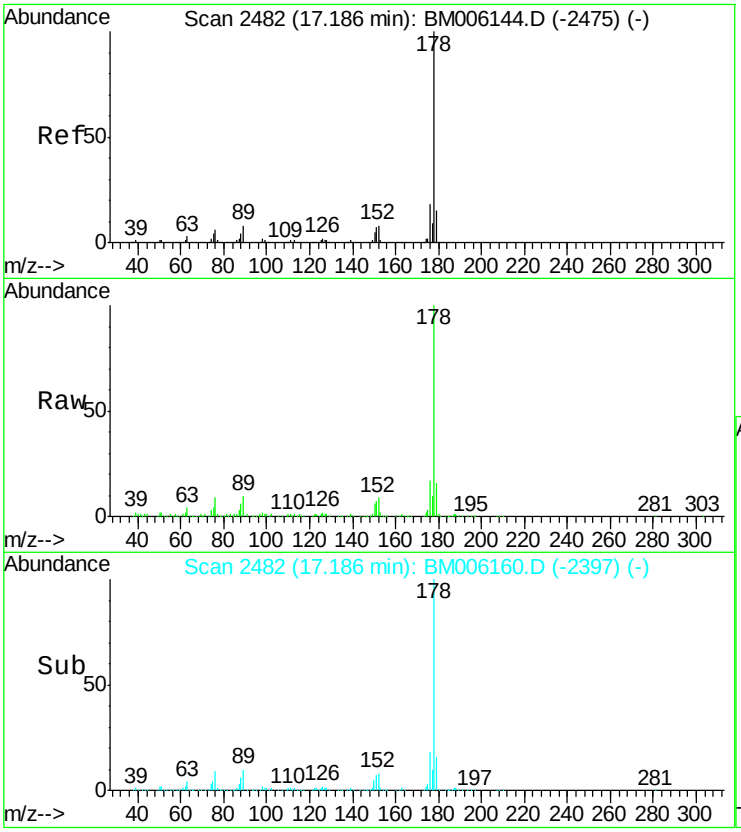


#25
Phenanthrene
Concen: 14.30 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Tgt Ion:178 Resp: 979185

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.4	15.3	22.9



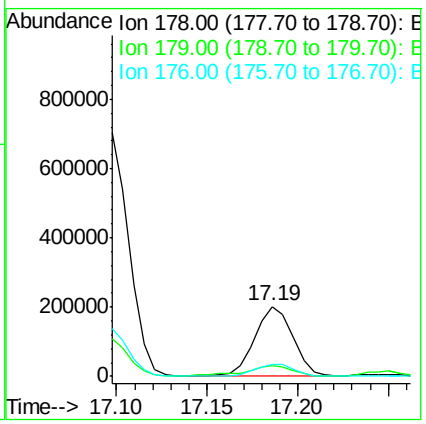


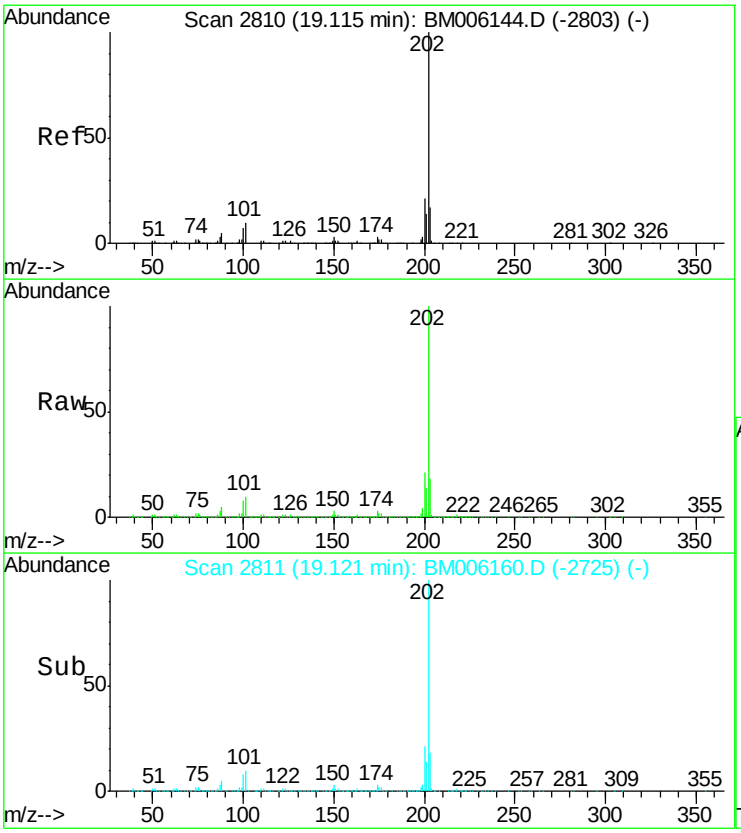
#27
Anthracene
Concen: 4.16 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Instrument :
BNA_M
ClientSampleId :
D9YD4

Tgt Ion:178 Resp: 293235

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	17.5	14.6	22.0

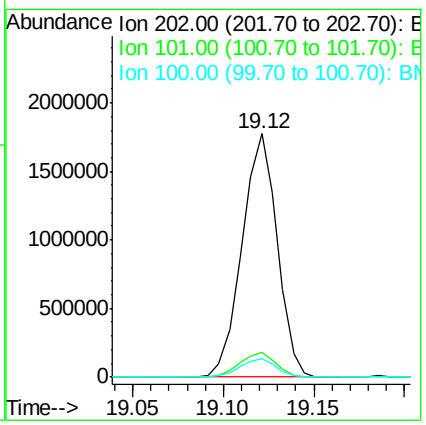


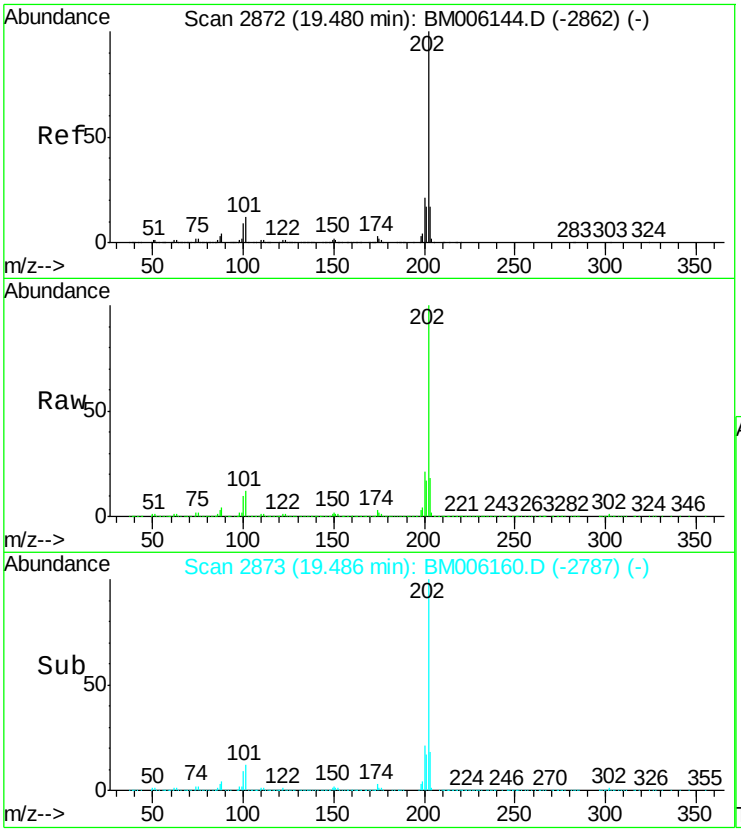


#28
Fluoranthene
Concen: 28.40 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Tgt Ion:202 Resp: 2382457

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.5	12.7
100	7.5	6.5	9.7



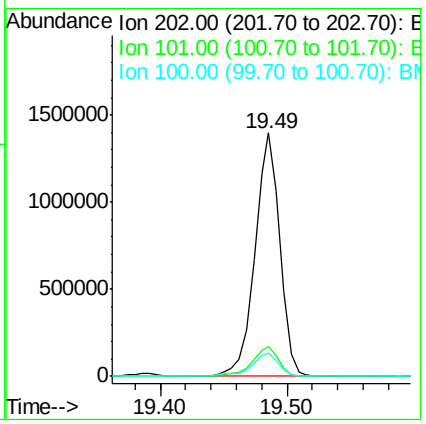


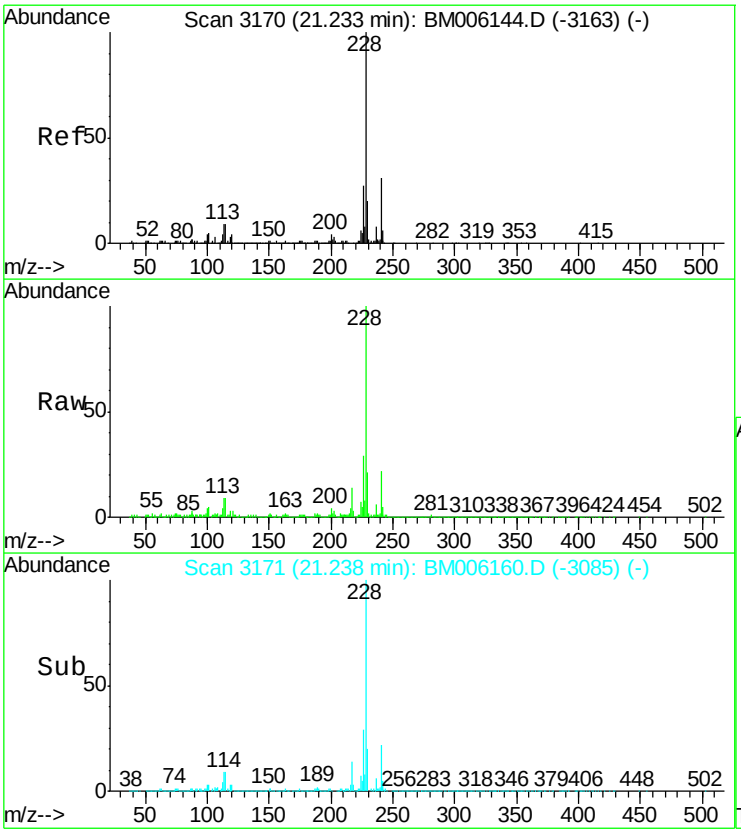
#31
Pyrene
Concen: 36.19 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Instrument :
BNA_M
ClientSampleId :
D9YD4

Tgt Ion:202 Resp: 1902006

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.4
100	9.5	8.9	13.3

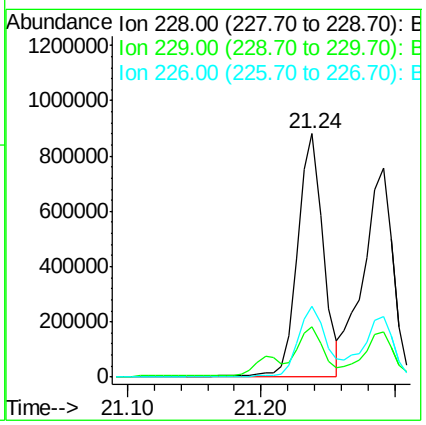


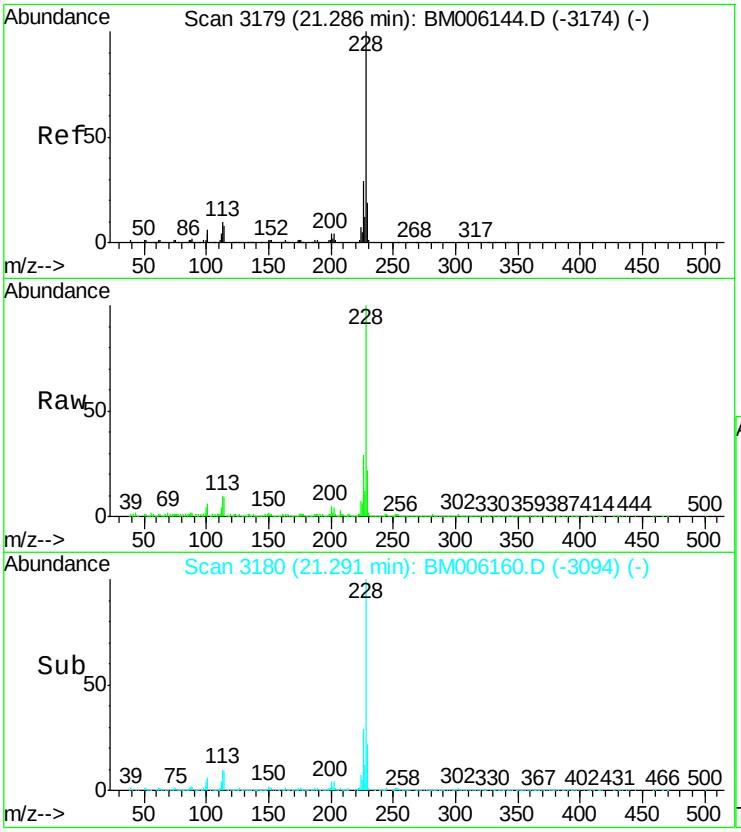


#32
Benzo(a)anthracene
Concen: 22.21 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Tgt Ion:228 Resp: 1150978

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	29.1	21.6	32.4



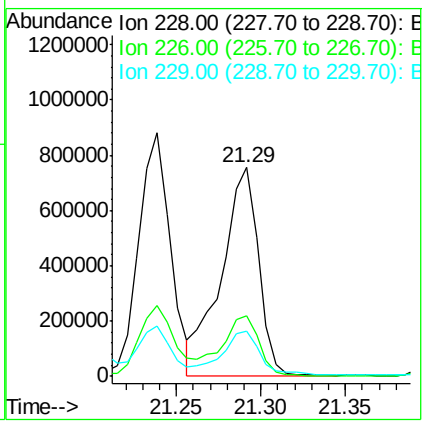


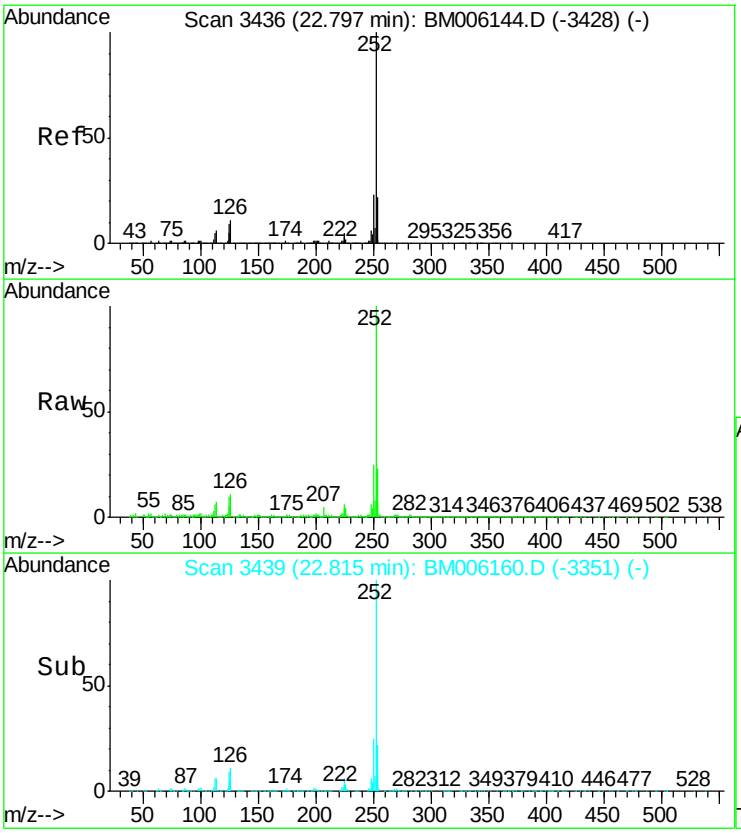
#33
Chrysene
Concen: 24.13 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Instrument :
BNA_M
ClientSampleId :
D9YD4

Tgt Ion:228 Resp: 1151315

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	21.9	15.8	23.6

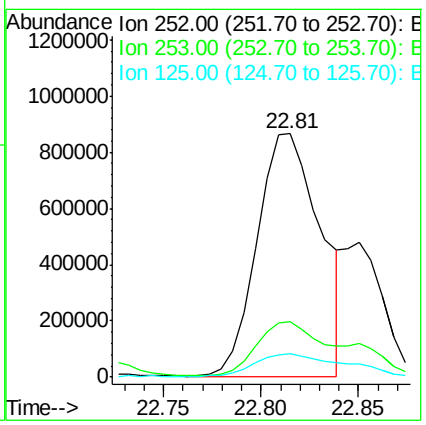


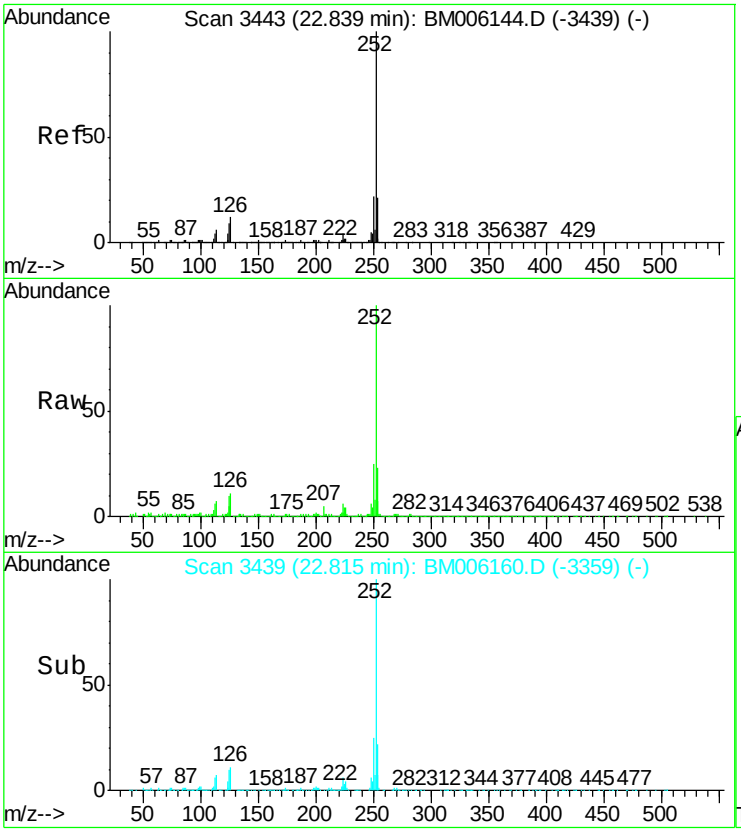


#35
Benzo(b)fluoranthene
Concen: 33.33 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Tgt Ion:252 Resp: 1943934

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	9.8	7.8	11.6



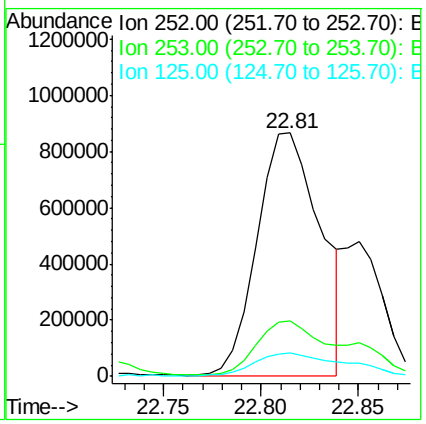


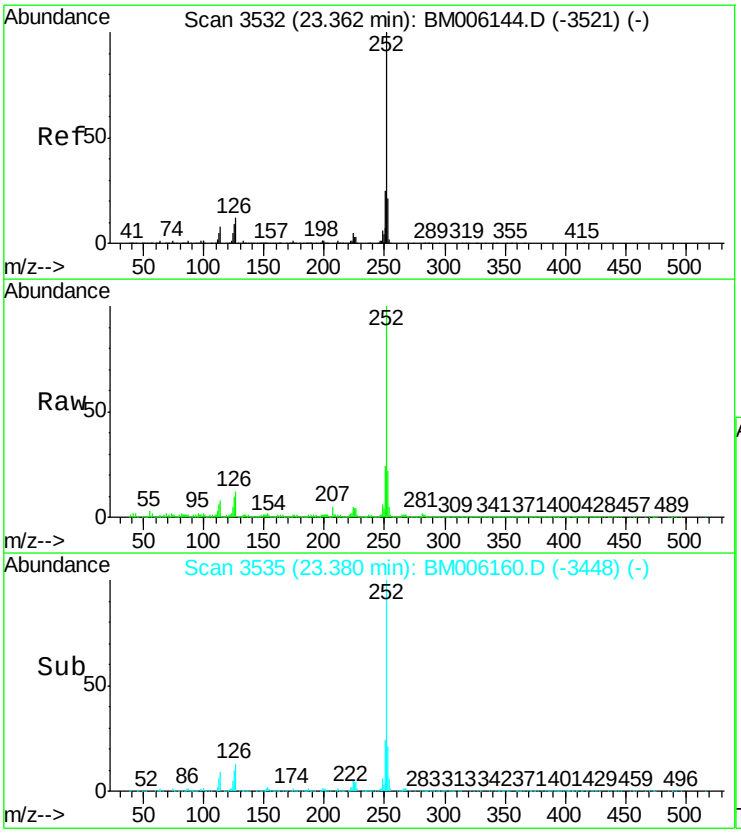
#36
Benzo(k)fluoranthene
Concen: 35.53 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. -0.03 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Instrument :
BNA_M
ClientSampleId :
D9YD4

Tgt Ion:252 Resp: 1943934

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	9.8	8.1	12.1

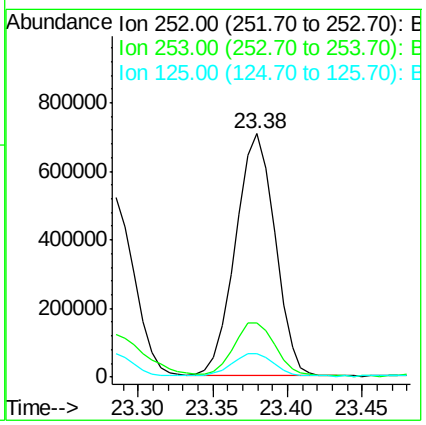


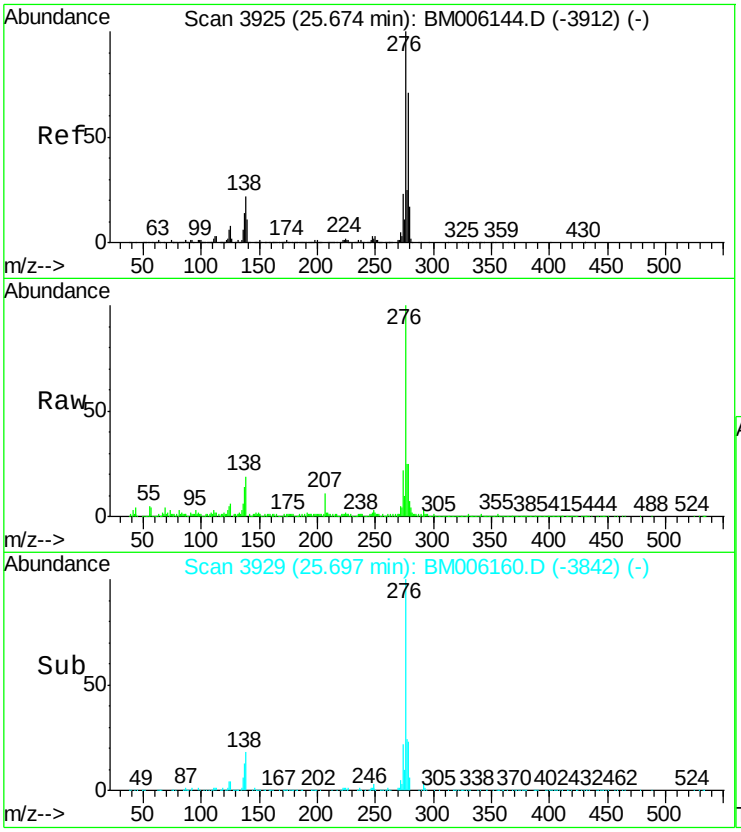


#38
Benzo(a)pyrene
Concen: 23.65 ng/ul
RT: 23.38 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Tgt Ion:252 Resp: 1303475

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.7	8.7	13.1



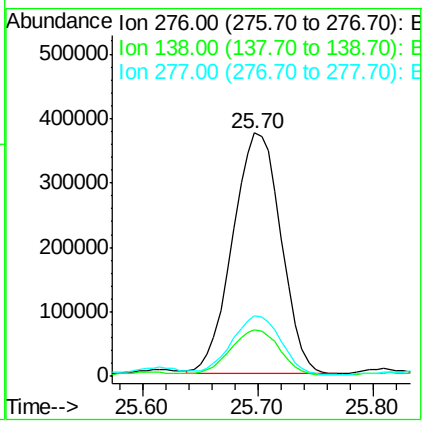


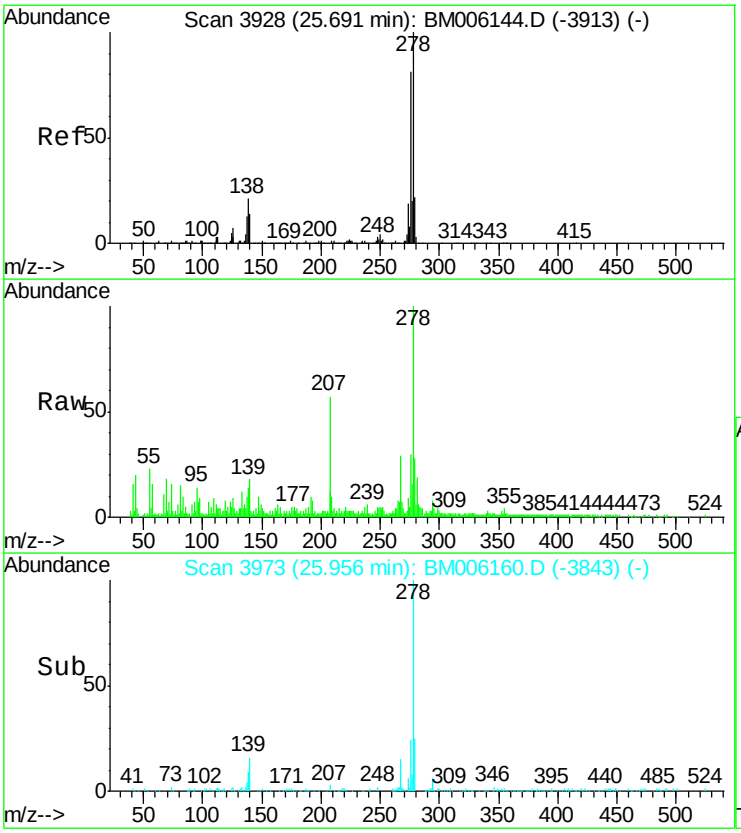
#39
Indeno(1,2,3-cd)pyrene
Concen: 19.05 ng/ul
RT: 25.70 min Scan# 3929
Delta R.T. 0.01 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Instrument :
BNA_M
ClientSampleId :
D9YD4

Tgt Ion:276 Resp: 1091031

Ion	Ratio	Lower	Upper
276	100		
138	19.1	20.4	30.6#
277	25.1	20.6	30.8

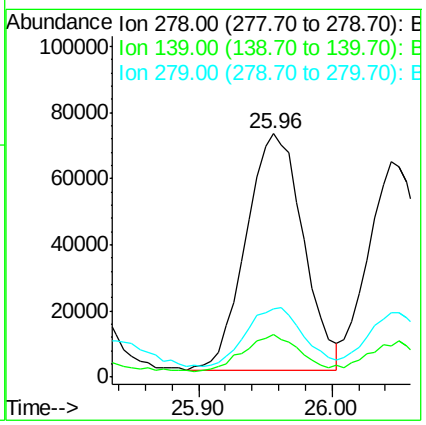


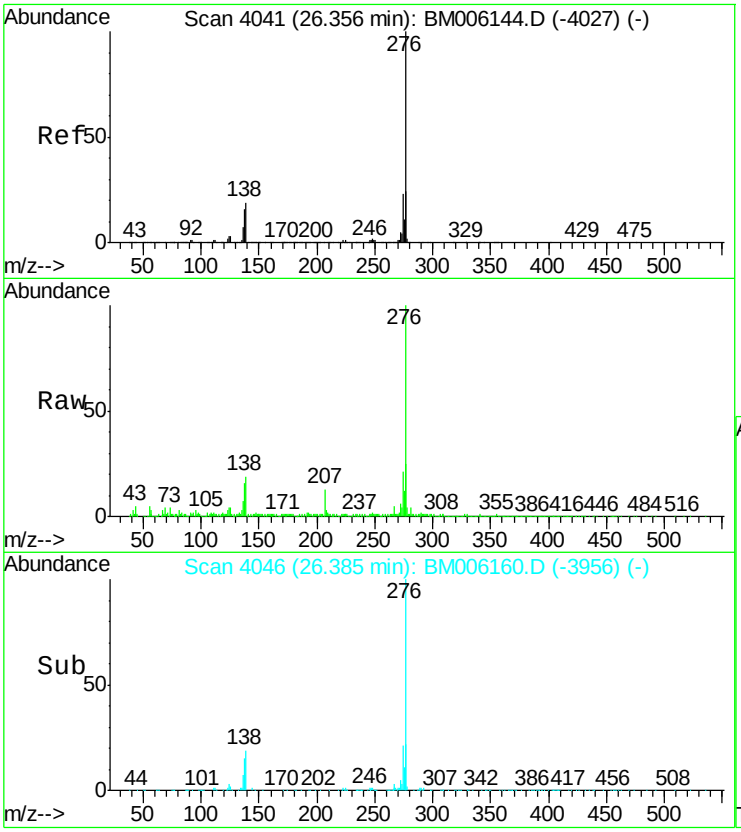


#40
Dibenzo(a,h)anthracene
Concen: 4.47 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. 0.26 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Tgt Ion:278 Resp: 211952

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.0	19.4
279	28.1	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 19.79 ng/ul
RT: 26.39 min Scan# 4046
Delta R.T. 0.03 min
Lab File: BM006160.D
Acq: 30 Jun 2016 14:58

Instrument :
BNA_M
ClientSampleId :
D9YD4

Tgt Ion:276 Resp: 948630

Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.6	25.0
277	24.6	18.9	28.3