Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006059.D
Acq On : 27 Jun 2016 02:59
Operator : UM/SJ
Sample : H3670-22 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YA4

Quant Time: Jun 27 05:20:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	293988	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1424659	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	853109	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1975207	20.00	ng/ul	0.01
29) Chrysene-d12	21.26	240	1369975	20.00	ng/ul	0.01
34) Perylene-d12	23.48	264	1361504	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	5773	0.88	ng/uL	0.00
3) Phenol-d5	6.83	99	281089	9.09	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	178731	10.39	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	224769	10.44	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	186590	7.15	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	115913	10.69	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	124080	10.28	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	240008	10.37	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	185949	7.40	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	757610	10.37	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	993389	11.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	91933	5.90	ng/ul	0.01
21) Fluorene-d10	15.30	176	701533	11.25	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	23921	2.18	ng/ul	0.02
26) Anthracene-d10	17.16	188	1060152	11.69	ng/ul	0.01
30) Pyrene-d10	19.46	212	1011193	16.85	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.34	264	718126	11.68	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	306430	4.31	ng/ul	100
13) 2-Methylnaphthalene	12.11	142	120476	2.10	ng/ul	100
14) 1-Methylnaphthalene	12.33	142	109275	1.99	ng/ul	98
18) Acenaphthylene	14.03	152	275215	3.08	ng/ul	98
19) Acenaphthene	14.37	153	668430	11.78	ng/ul	100
22) Fluorene	15.36	166	751028	10.99	ng/ul	98
25) Phenanthrene	17.12	178	10210335	96.10	ng/ul	98
27) Anthracene	17.20	178	2849630	25.98	ng/ul	100
28) Fluoranthene	19.14	202	12758850	93.76	ng/ul	99
31) Pyrene	19.50	202	11127527	141.88	ng/ul	97
32) Benzo(a)anthracene	21.24	228	4593637	56.45	ng/ul	97
33) Chrysene	21.30	228	4452070	59.88	ng/ul	97
35) Benzo(b)fluoranthene	22.82	252	5182539	65.51	ng/ul	98
36) Benzo(k)fluoranthene	22.82	252	5182539	70.43	ng/ul	99
38) Benzo(a)pyrene	23.39	252	3790439	49.97	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.71	276	3147179	34.81	ng/ul	97
40) Dibenzo(a,h)anthracene	25.96	278	512324	6.81	ng/ul	96
41) Benzo(g,h,i)perylene	26.40	276	3329598	42.58	ng/ul	99

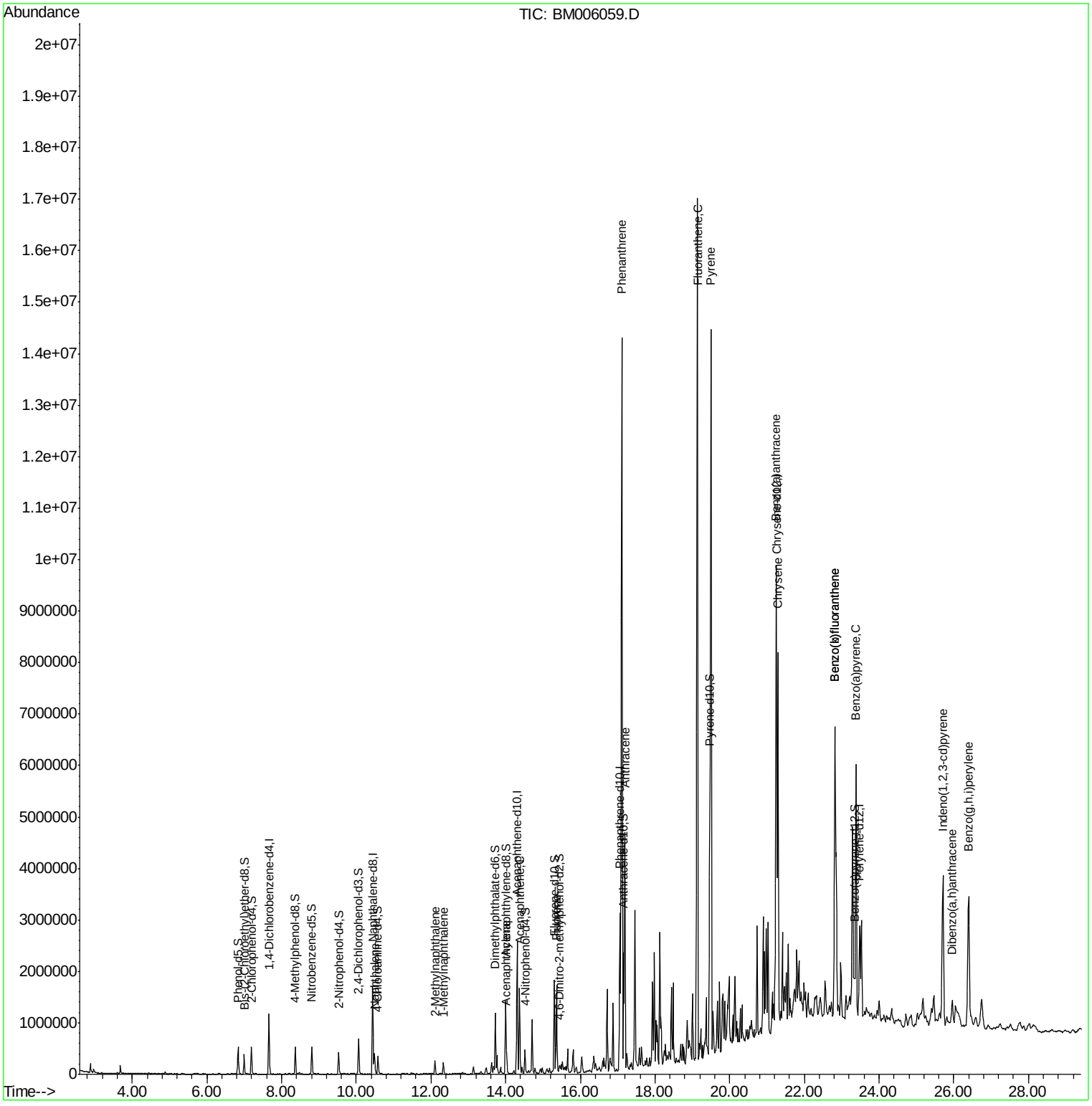
(#) = qualifier out of range (m) = manual integration (+) = signals summed

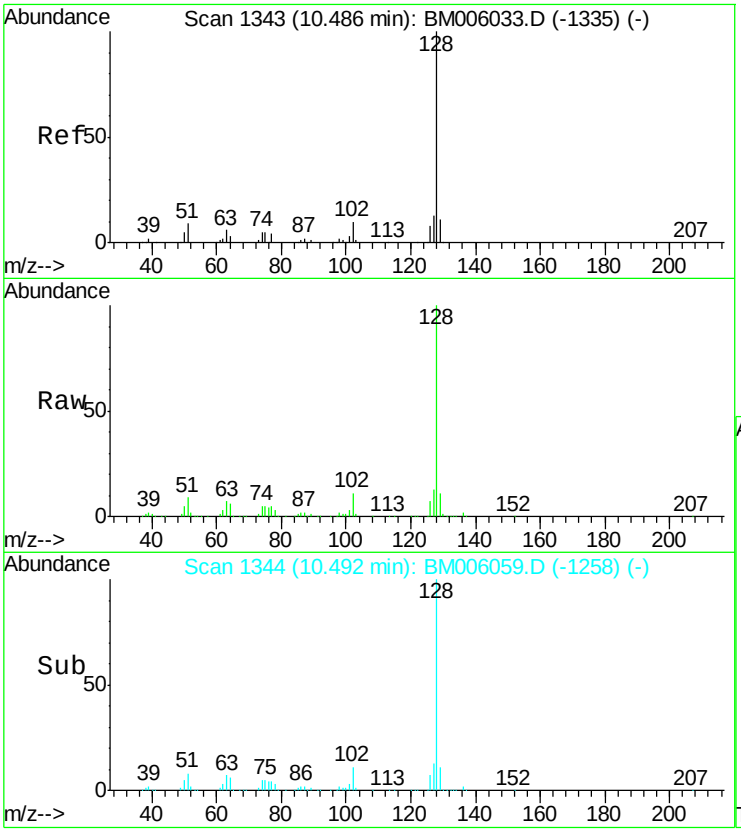
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006059.D
Acq On : 27 Jun 2016 02:59
Operator : UM/SJ
Sample : H3670-22 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YA4

Quant Time: Jun 27 05:20:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration



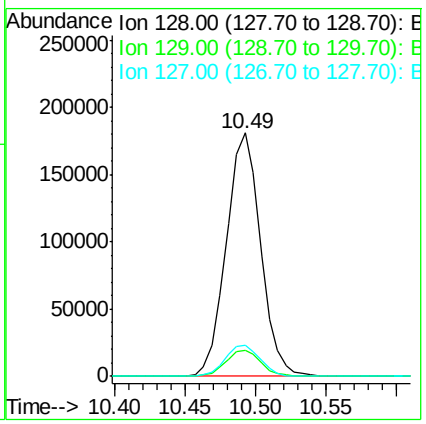


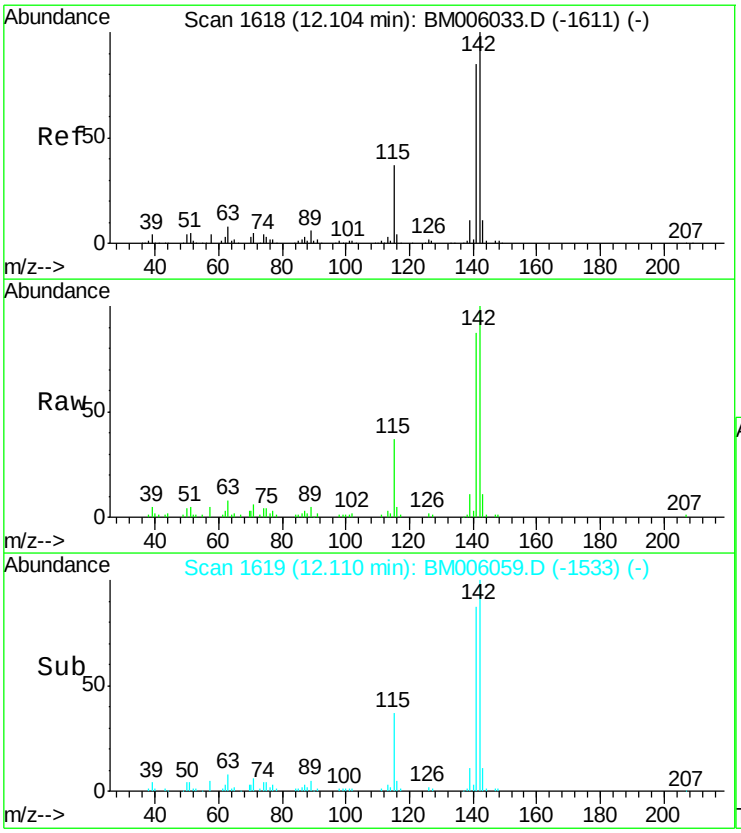
#11
Naphthalene
Concen: 4.31 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Instrument :
BNA_M
ClientSampleId :
D9YA4

Tgt Ion:128 Resp: 306430

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.9	10.2	15.4

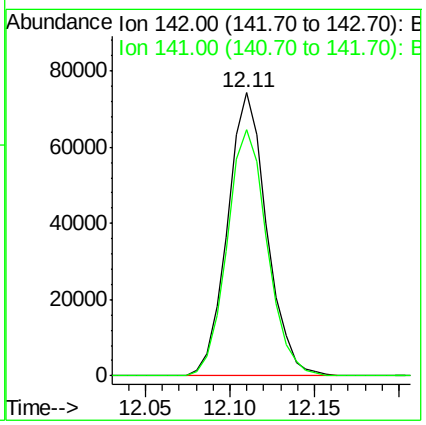


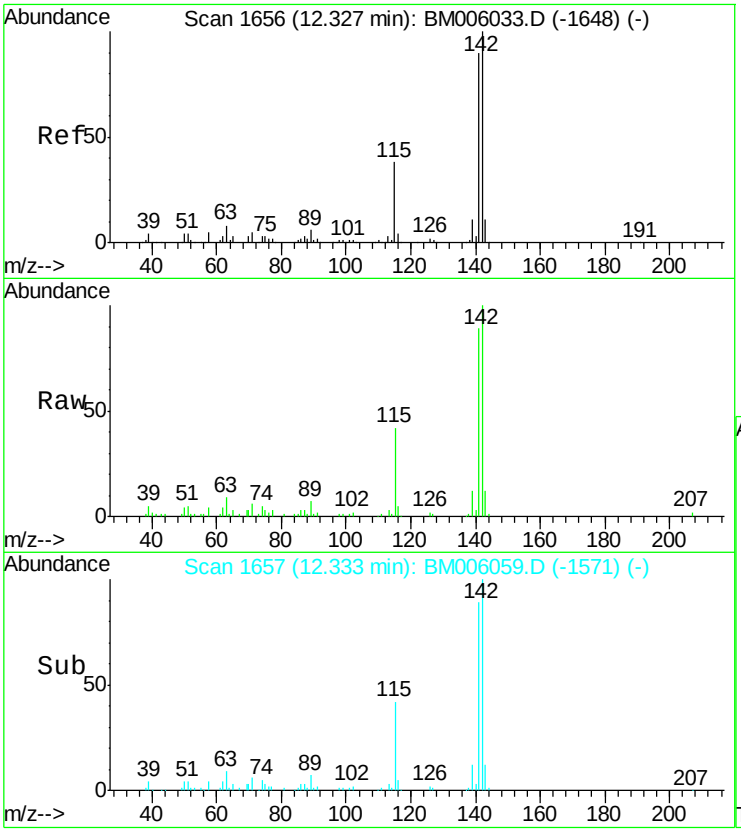


#13
2-Methylnaphthalene
Concen: 2.10 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Tgt Ion:142 Resp: 120476

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.4	104.2



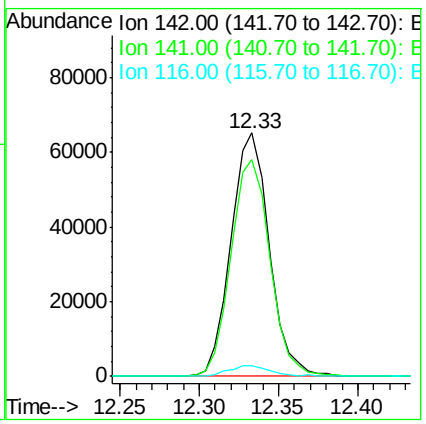


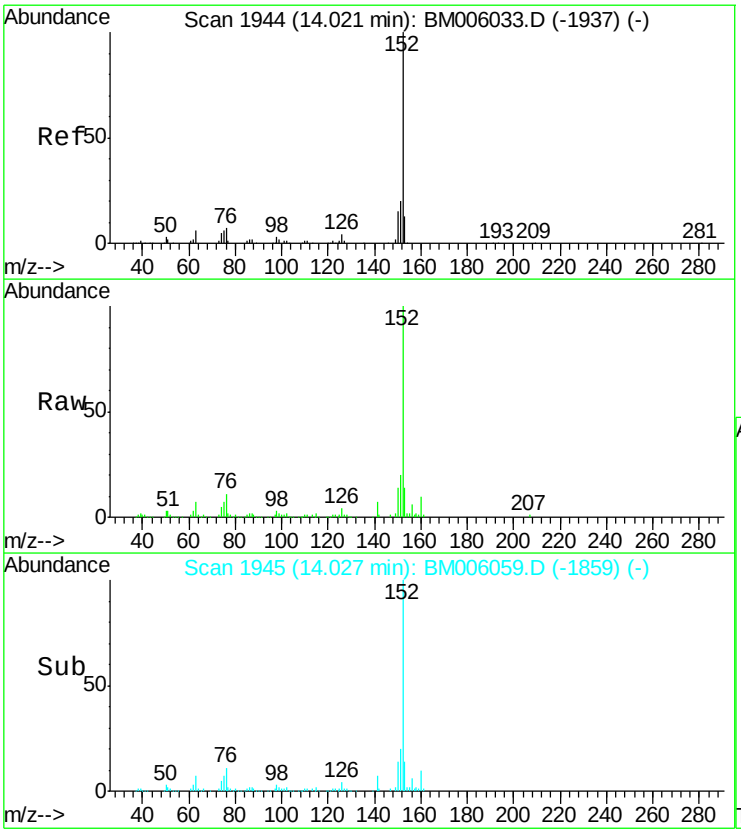
#14
1-Methylnaphthalene
Concen: 1.99 ng/ul
RT: 12.33 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Instrument :
BNA_M
ClientSampleId :
D9YA4

Tgt Ion:142 Resp: 109275

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
116	4.6	3.4	5.0

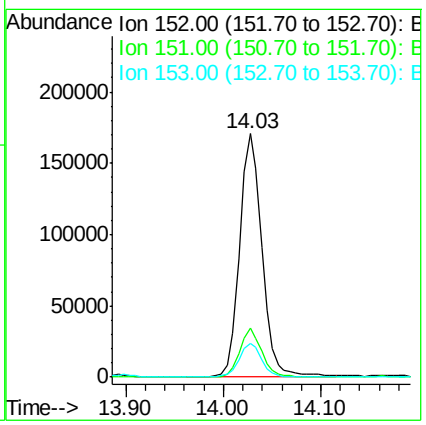


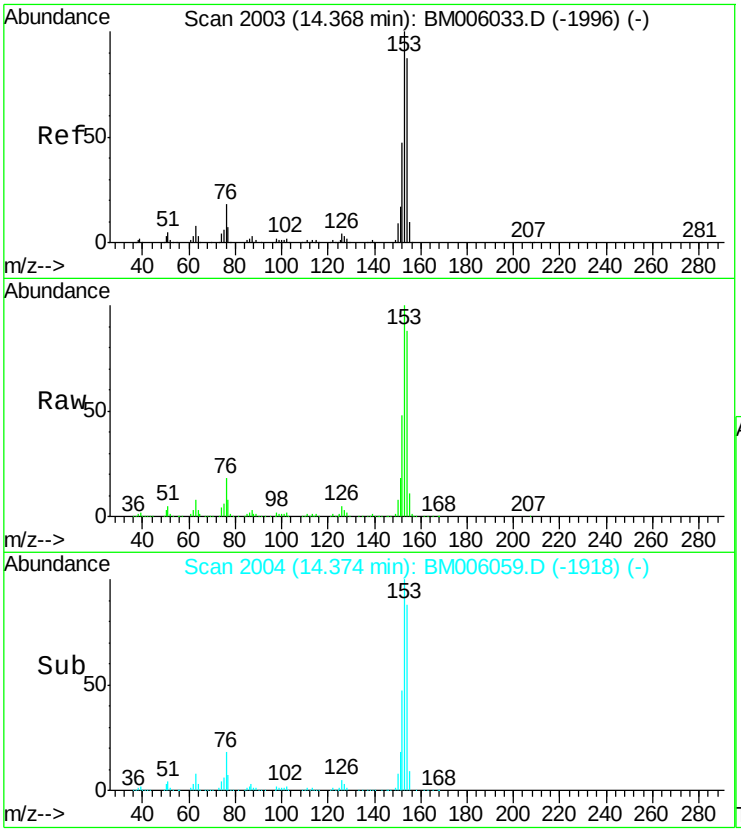


#18
Acenaphthylene
Concen: 3.08 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Tgt Ion:152 Resp: 275215

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.9	10.5	15.7



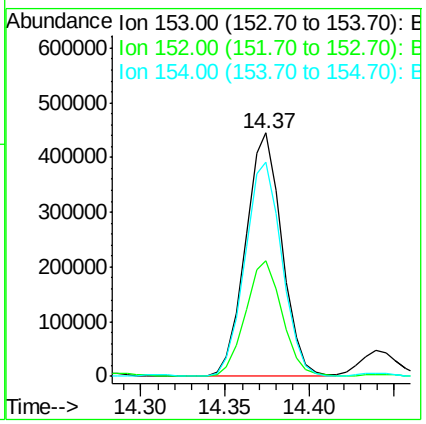


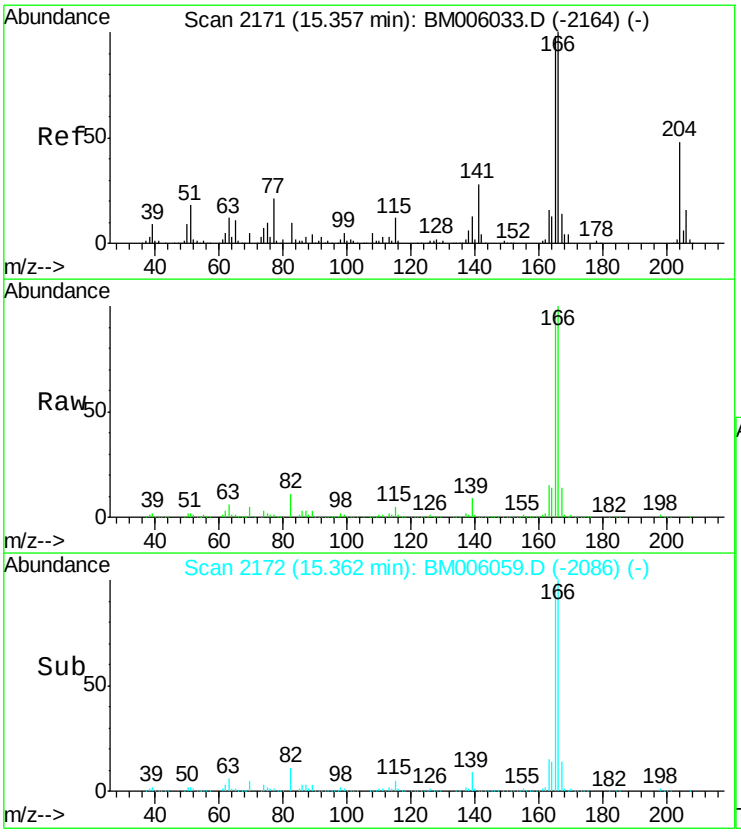
#19
Acenaphthene
Concen: 11.78 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Instrument :
BNA_M
ClientSampleId :
D9YA4

Tgt Ion:153 Resp: 668430

Ion	Ratio	Lower	Upper
153	100		
152	47.6	38.6	57.8
154	88.2	70.7	106.1

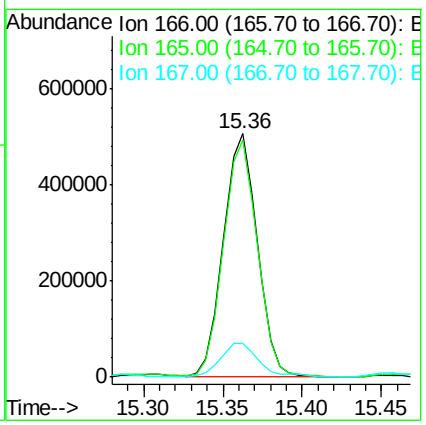


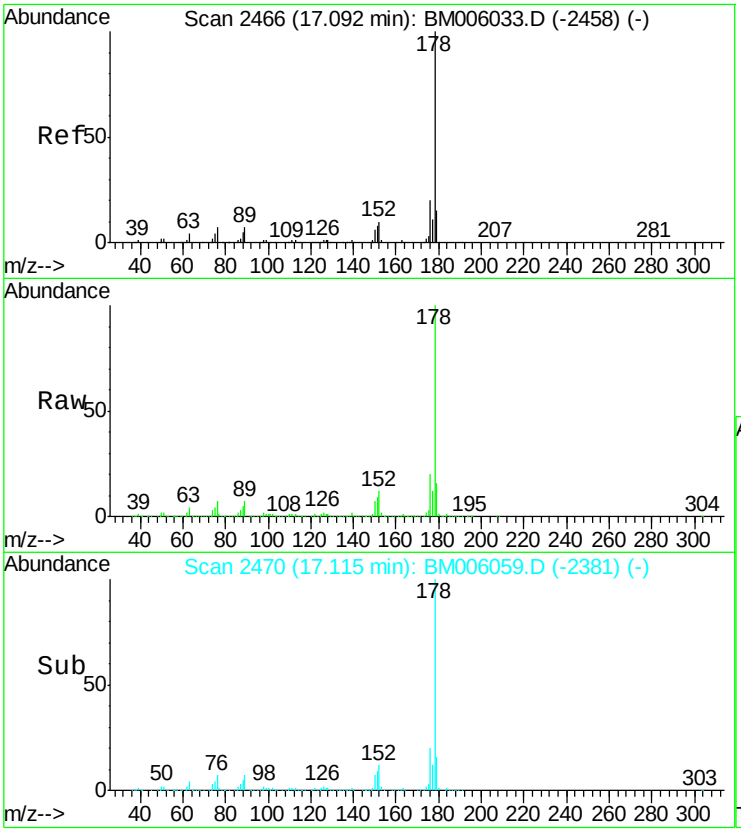


#22
Fluorene
Concen: 10.99 ng/ul
RT: 15.36 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Tgt Ion:166 Resp: 751028

Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.8	115.2
167	14.1	10.8	16.2



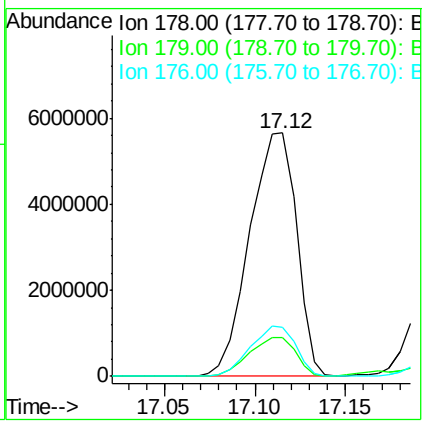


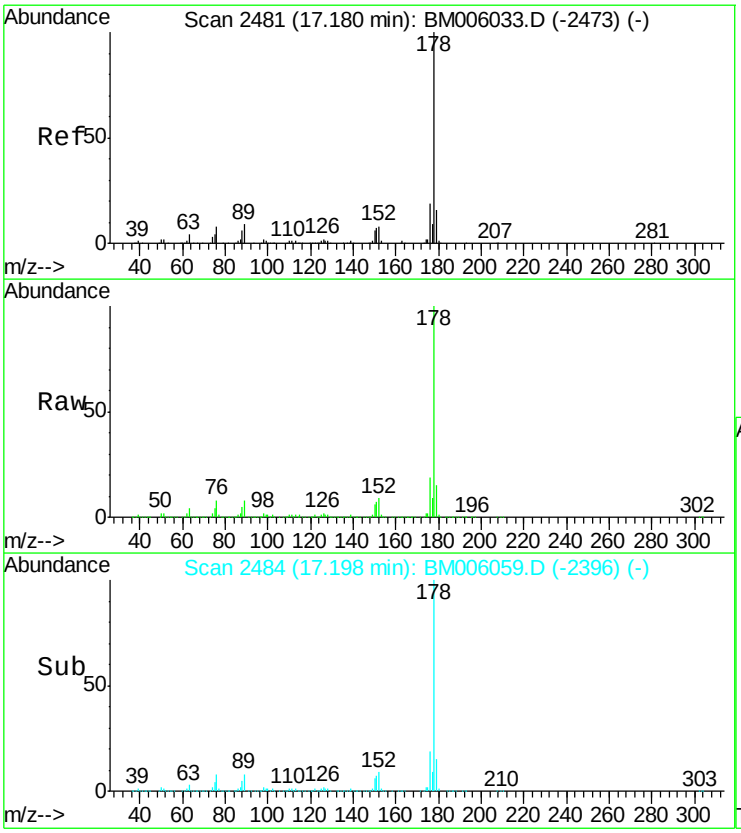
#25
Phenanthrene
Concen: 96.10 ng/ul
RT: 17.12 min Scan# 2470
Delta R.T. 0.02 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Instrument :
BNA_M
ClientSampleId :
D9YA4

Tgt Ion:178 Resp:10210335

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	20.4	15.4	23.0

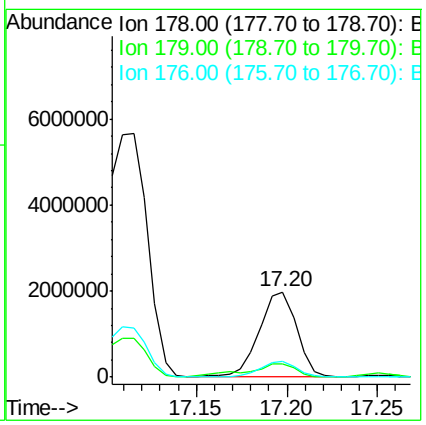


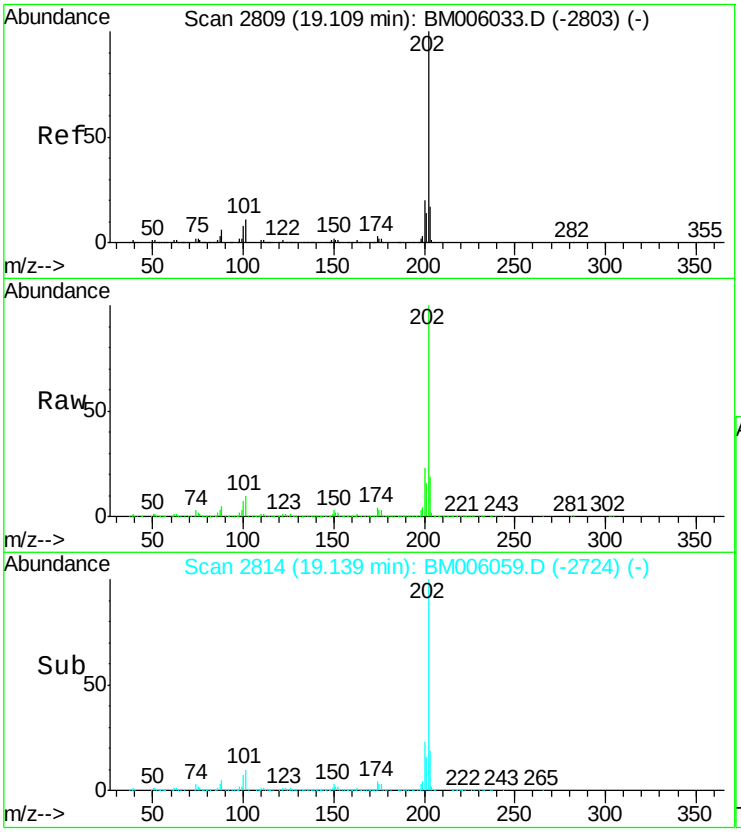


#27
Anthracene
Concen: 25.98 ng/ul
RT: 17.20 min Scan# 2484
Delta R.T. 0.02 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Tgt Ion:178 Resp: 2849630

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.6	14.9	22.3



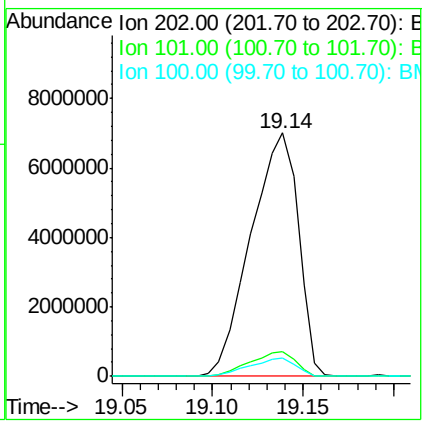


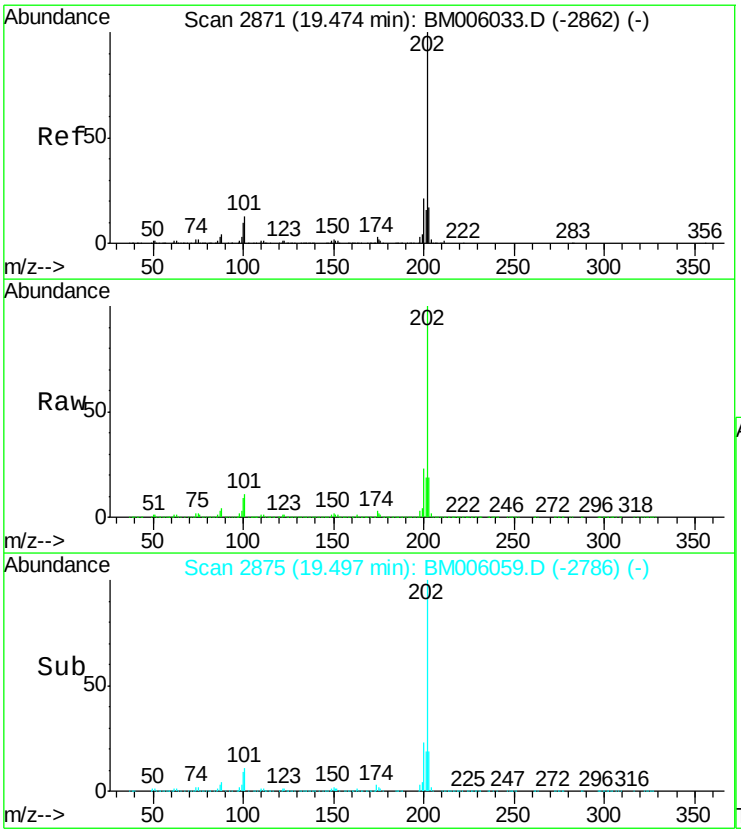
#28
Fluoranthene
Concen: 93.76 ng/ul
RT: 19.14 min Scan# 2814
Delta R.T. 0.03 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Instrument :
BNA_M
ClientSampleId :
D9YA4

Tgt Ion:202 Resp:12758850

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.4
100	7.4	6.3	9.5

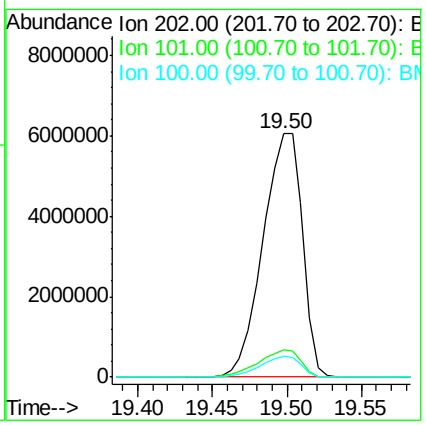


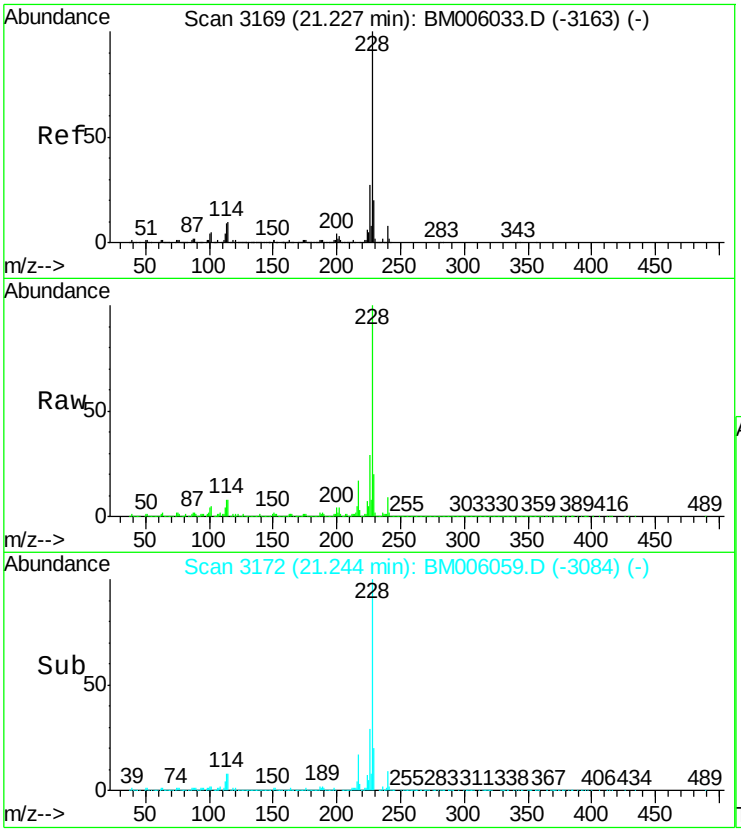


#31
Pyrene
Concen: 141.88 ng/ul
RT: 19.50 min Scan# 2875
Delta R.T. 0.02 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Tgt Ion:202 Resp:11127527

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.6
100	8.7	8.2	12.2



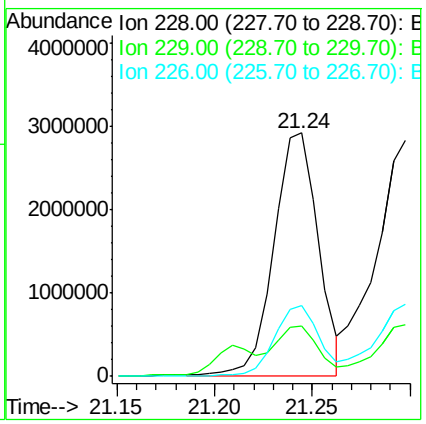


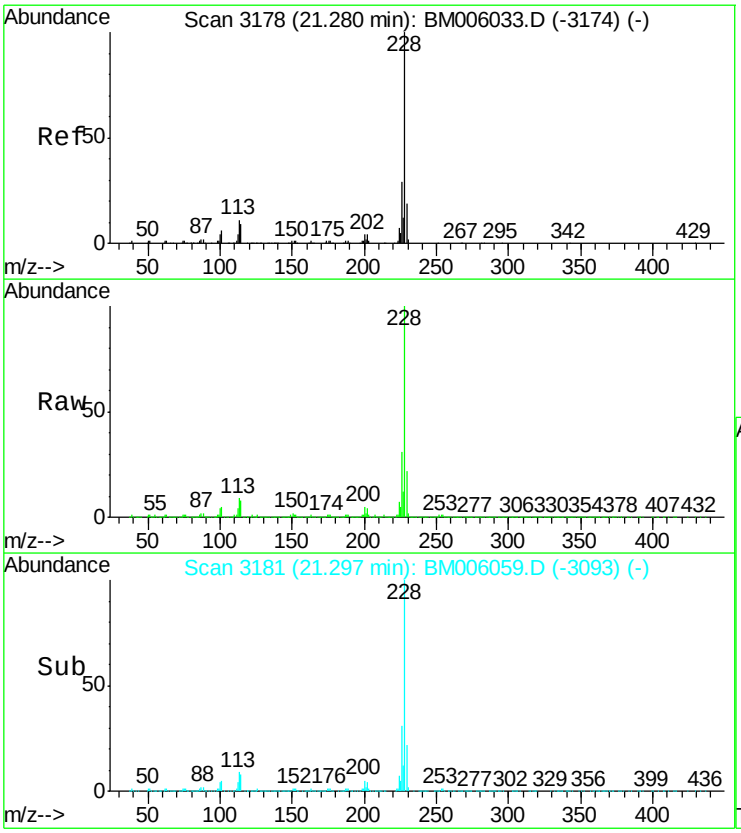
#32
Benzo(a)anthracene
Concen: 56.45 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. 0.02 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Instrument :
BNA_M
ClientSampleId :
D9YA4

Tgt Ion:228 Resp: 4593637

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	28.9	21.5	32.3

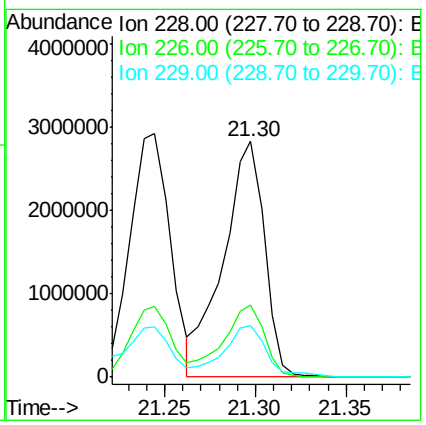


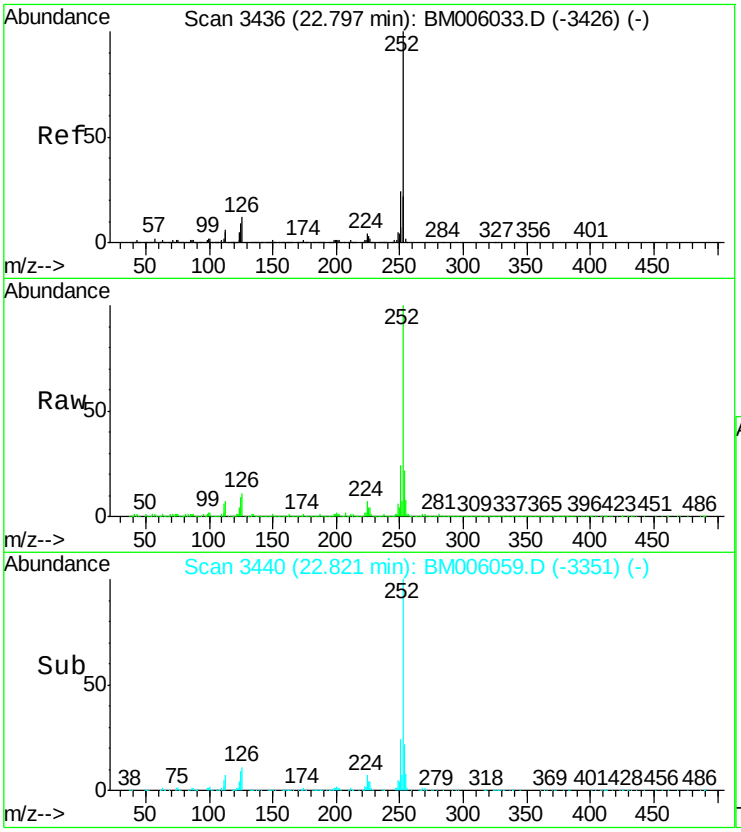


#33
Chrysene
Concen: 59.88 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.02 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Tgt Ion:228 Resp: 4452070

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	22.1	15.4	23.2



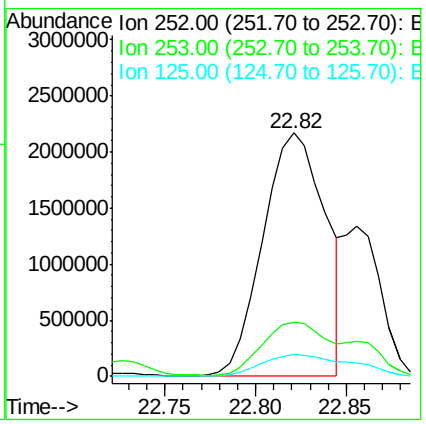


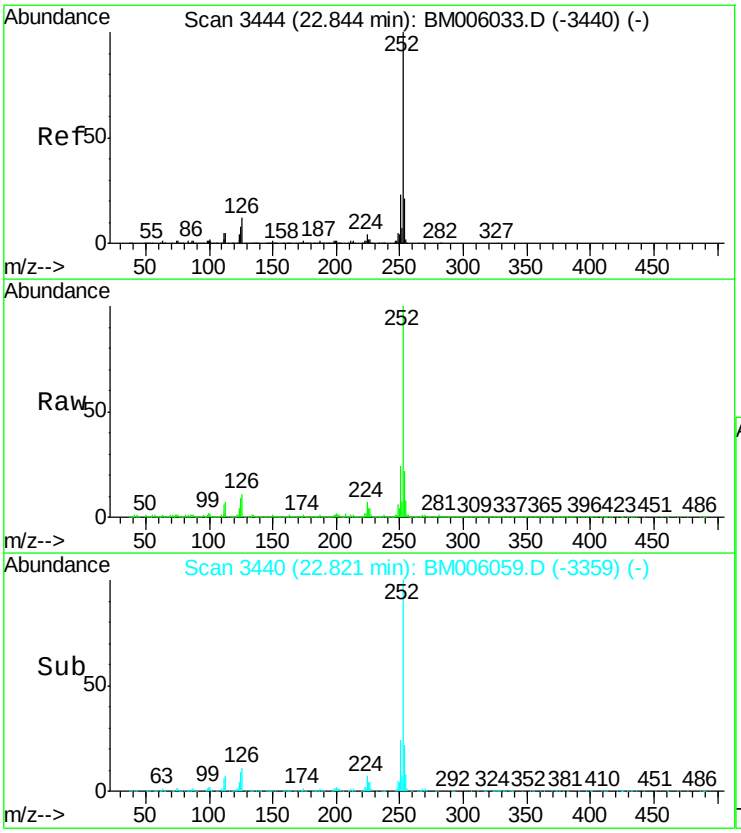
#35
Benzo(b)fluoranthene
Concen: 65.51 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. 0.02 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Instrument :
BNA_M
ClientSampleId :
D9YA4

Tgt Ion:252 Resp: 5182539

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	8.9	6.8	10.2

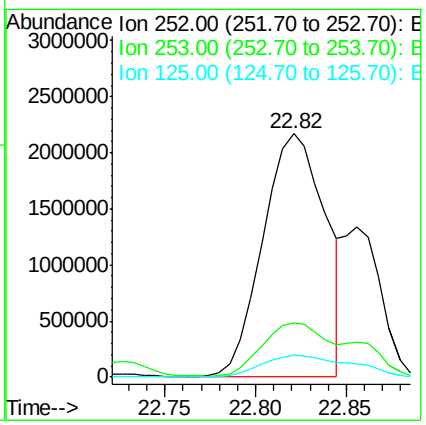


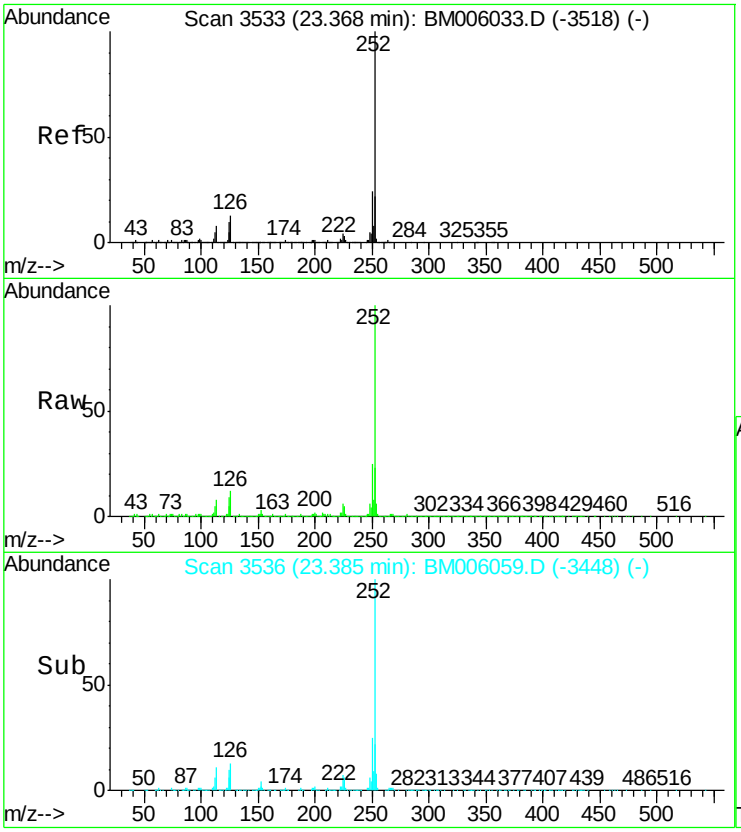


#36
Benzo(k)fluoranthene
Concen: 70.43 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. -0.02 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Tgt Ion:252 Resp: 5182539

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	8.9	7.0	10.4



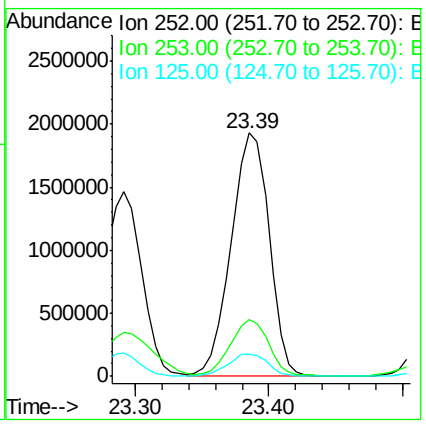


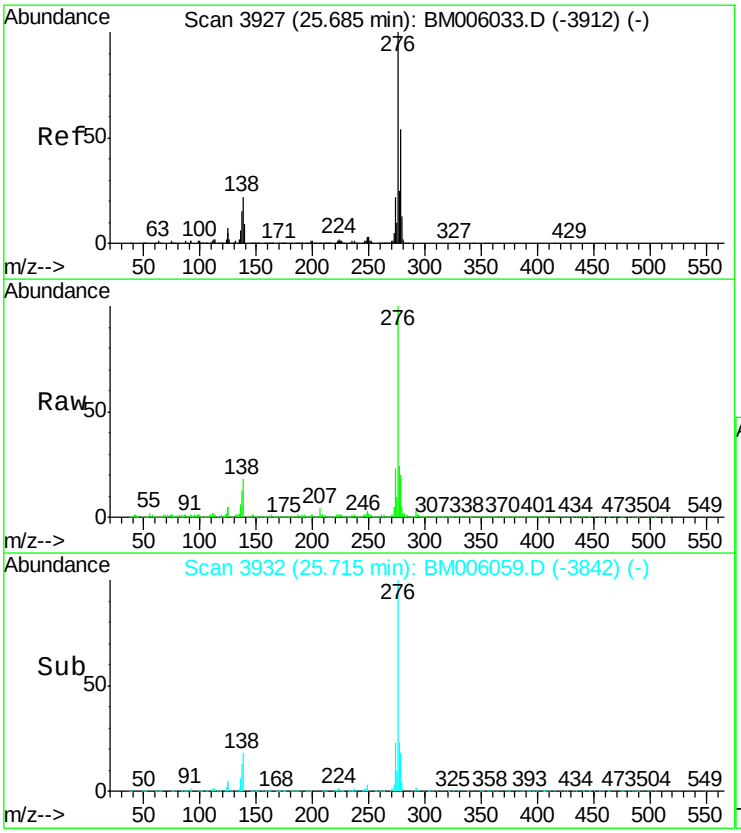
#38
Benzo(a)pyrene
Concen: 49.97 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. 0.02 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Instrument :
BNA_M
ClientSampleId :
D9YA4

Tgt Ion:252 Resp: 3790439

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	9.3	7.8	11.6

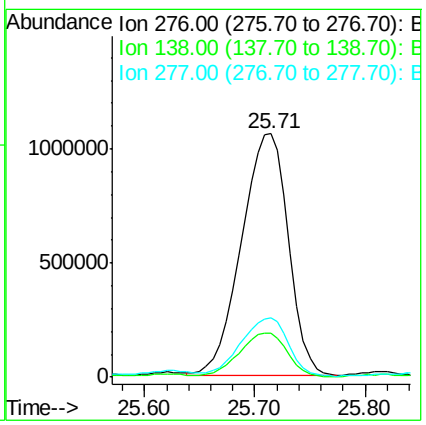


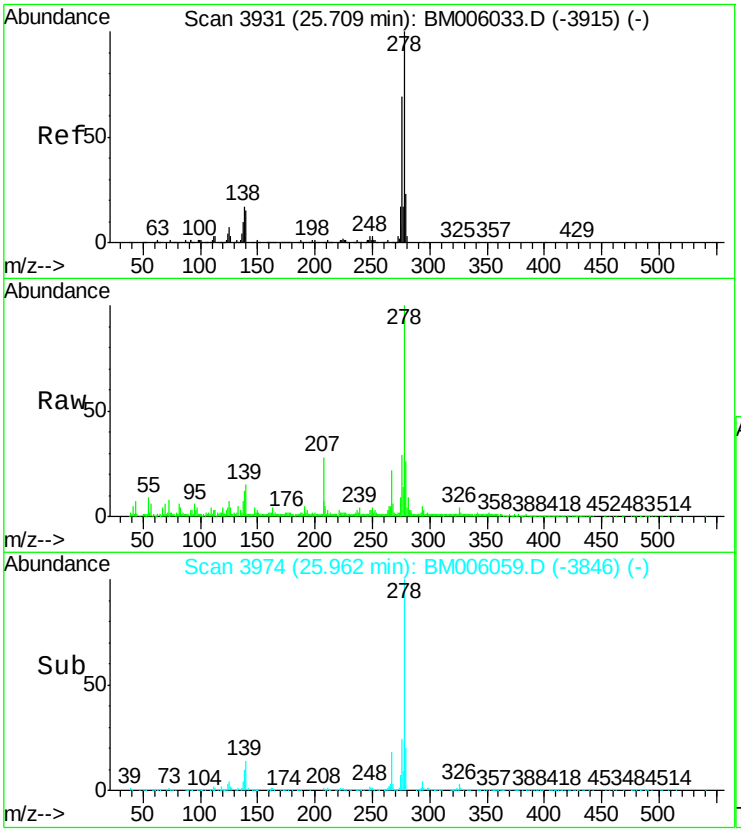


#39
Indeno(1,2,3-cd)pyrene
Concen: 34.81 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. 0.03 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Tgt Ion:276 Resp: 3147179

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.6	25.0
277	24.4	19.6	29.4



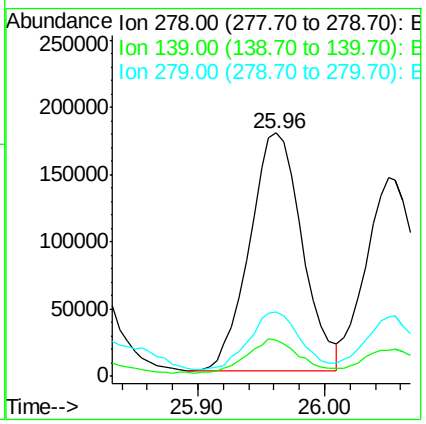


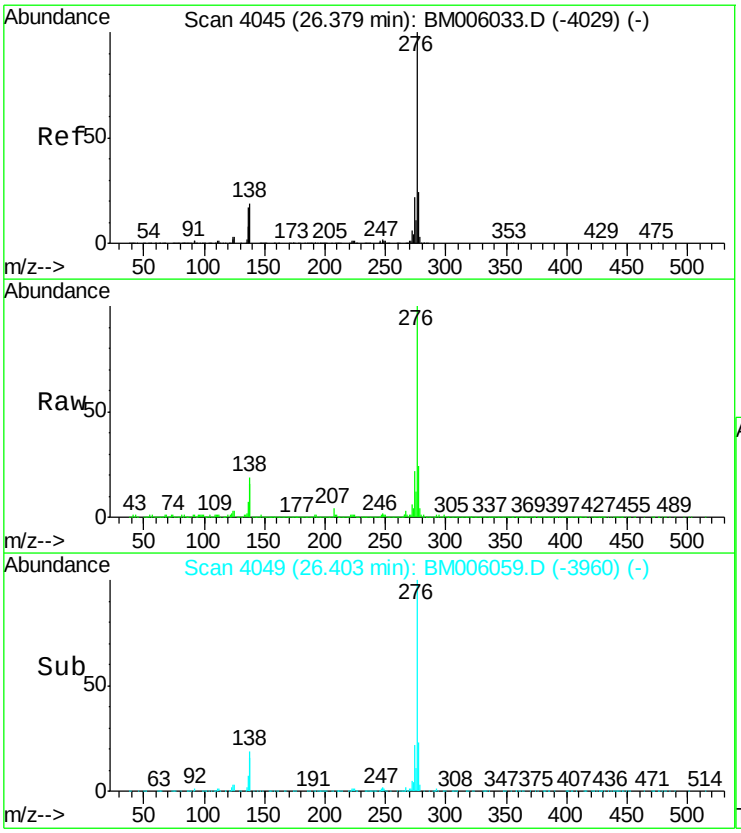
#40
Dibenzo(a,h)anthracene
Concen: 6.81 ng/ul
RT: 25.96 min Scan# 3974
Delta R.T. 0.25 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Instrument :
BNA_M
ClientSampleId :
D9YA4

Tgt Ion:278 Resp: 512324

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.4	17.2
279	26.3	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 42.58 ng/ul
RT: 26.40 min Scan# 4049
Delta R.T. 0.02 min
Lab File: BM006059.D
Acq: 27 Jun 2016 02:59

Tgt Ion:276 Resp: 3329598

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.9	23.9
277	24.4	19.2	28.8