Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006053.D
Acq On : 26 Jun 2016 23:23
Operator : UM/SJ
Sample : H3670-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YA1

Quant Time: Jun 27 05:18:52 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	208679	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1026184	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	643679	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1580631	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1709627	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1598585	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7170	1.53	ng/uL	0.00
3) Phenol-d5	6.83	99	303026	13.80	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	207194	16.97	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	244765	16.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	157287	8.49	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	137738	17.63	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	153037	17.60	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	274457	16.46	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	305404	16.88	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	946239	17.17	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1223713	19.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	162646	13.84	ng/ul	0.00
21) Fluorene-d10	15.30	176	879472	18.69	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	80632	9.19	ng/ul	0.00
26) Anthracene-d10	17.16	188	1398109	19.26	ng/ul	0.00
30) Pyrene-d10	19.46	212	1625424	21.70	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.33	264	1405617	19.48	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.49	128	224243	4.37	ng/ul	100
13) 2-Methylnaphthalene	12.10	142	45064	1.09	ng/ul	91
18) Acenaphthylene	14.03	152	195171	2.90	ng/ul	99
19) Acenaphthene	14.37	153	173953	4.06	ng/ul	97
22) Fluorene	15.36	166	238064	4.62	ng/ul	96
25) Phenanthrene	17.10	178	4021147	47.30	ng/ul	100
27) Anthracene	17.19	178	901335	10.27	ng/ul	99
28) Fluoranthene	19.12	202	5318906	48.84	ng/ul	99
31) Pyrene	19.49	202	4520340	46.19	ng/ul	98
32) Benzo(a)anthracene	21.23	228	2069000	20.37	ng/ul	98
33) Chrysene	21.29	228	1959462	21.12	ng/ul	96
35) Benzo(b)fluoranthene	22.81	252	2512277	27.05	ng/ul	98
36) Benzo(k)fluoranthene	22.81	252	2512277	29.08	ng/ul	98
38) Benzo(a)pyrene	23.37	252	1595462	17.92	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.69	276	1223114	11.52	ng/ul	96
40) Dibenzo(a,h)anthracene	25.69	278	255339	2.89	ng/ul#	80
41) Benzo(g,h,i)perylene	26.37	276	1213583	13.22	ng/ul	98

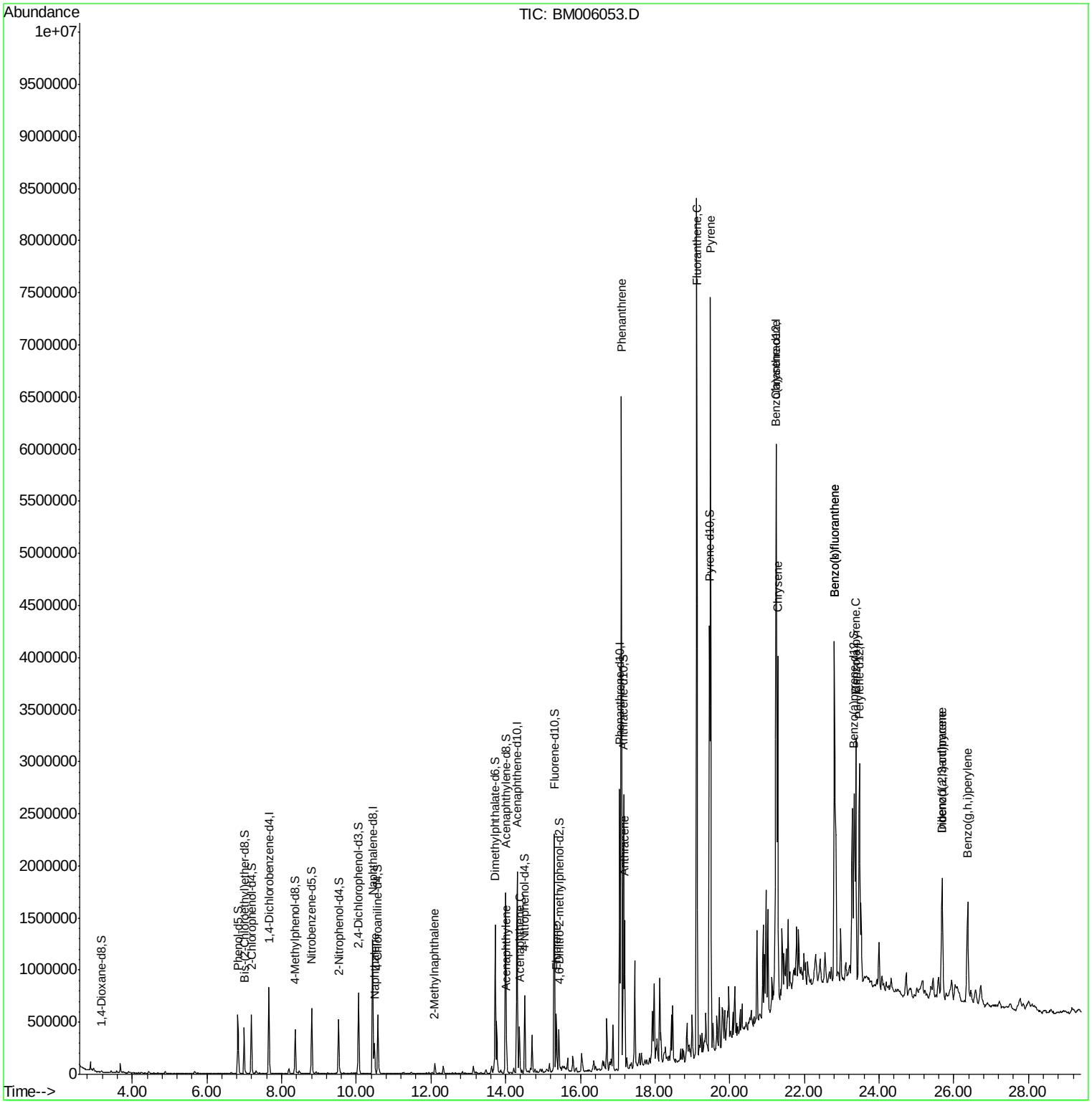
(#) = qualifier out of range (m) = manual integration (+) = signals summed

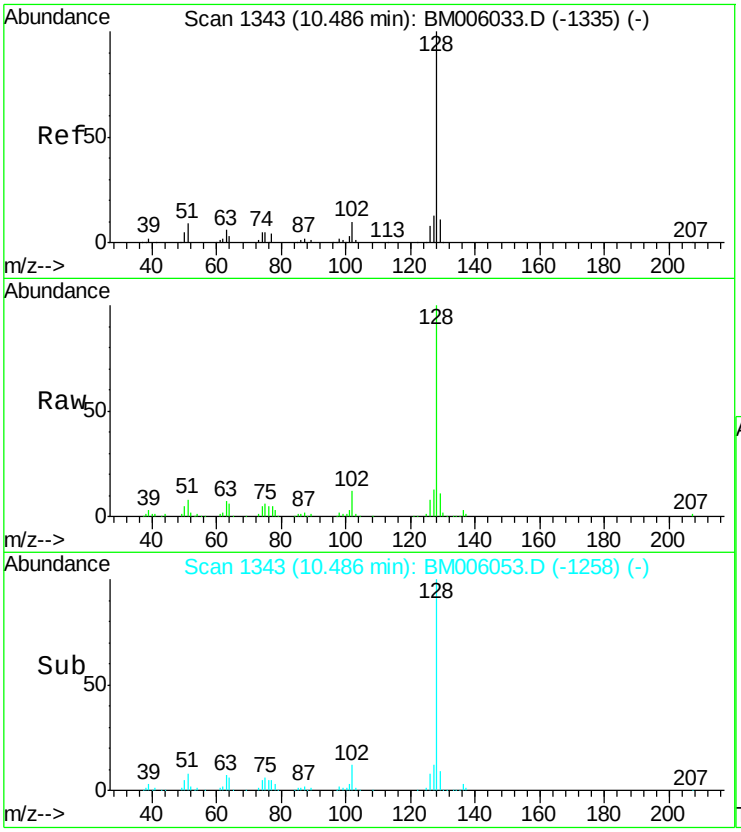
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006053.D
Acq On : 26 Jun 2016 23:23
Operator : UM/SJ
Sample : H3670-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YA1

Quant Time: Jun 27 05:18:52 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



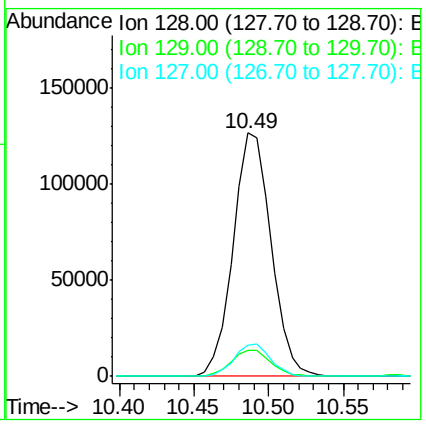


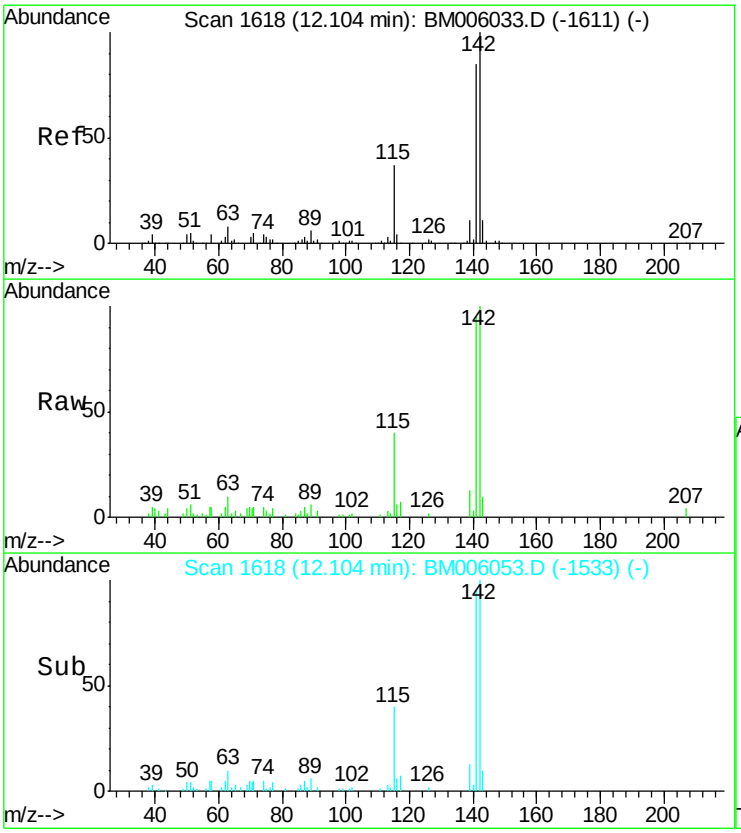
#11
Naphthalene
Concen: 4.37 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Instrument :
BNA_M
ClientSampleId :
D9YA1

Tgt Ion:128 Resp: 224243

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.6	10.2	15.4

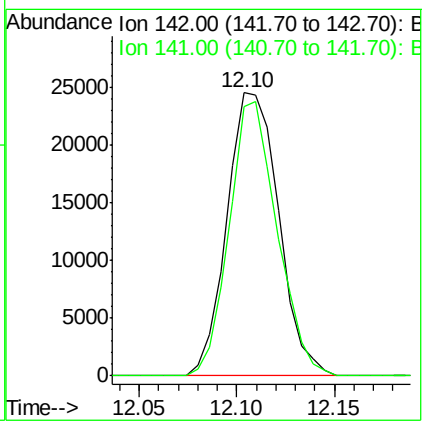


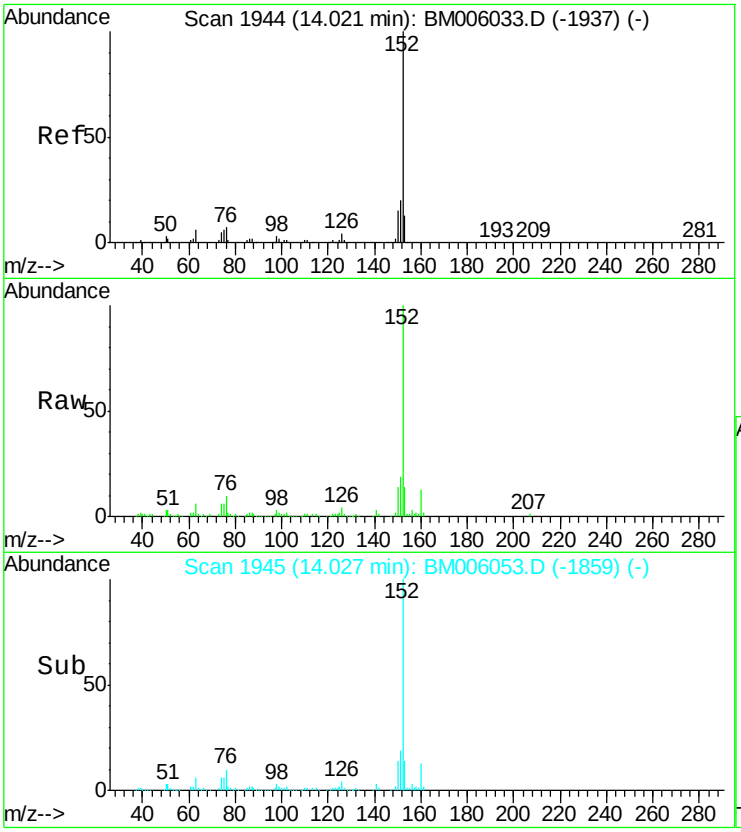


#13
2-Methylnaphthalene
Concen: 1.09 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Tgt Ion:142 Resp: 45064

Ion	Ratio	Lower	Upper
142	100		
141	95.1	69.4	104.2



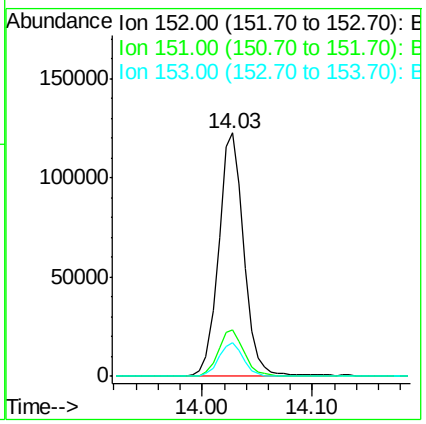


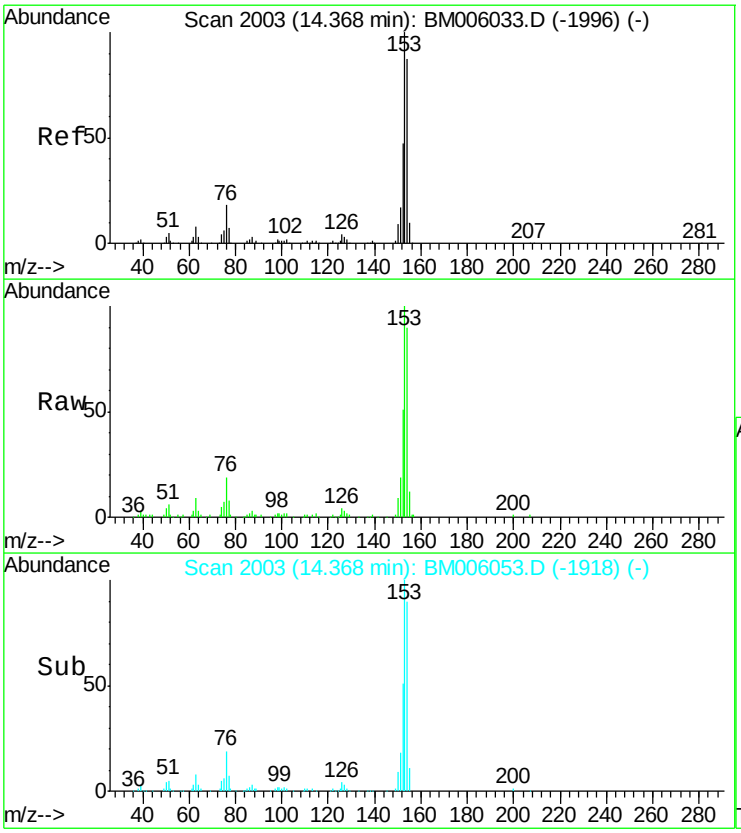
#18
Acenaphthylene
Concen: 2.90 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Instrument :
BNA_M
ClientSampleId :
D9YA1

Tgt Ion:152 Resp: 195171

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.5	23.3
153	13.6	10.5	15.7

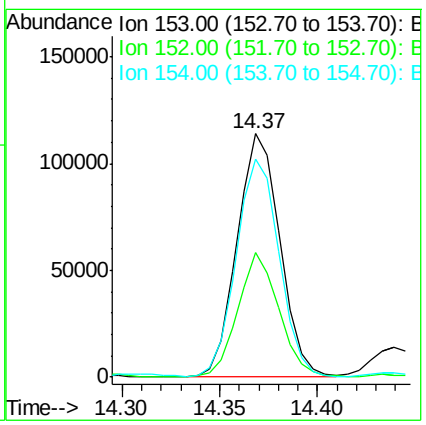


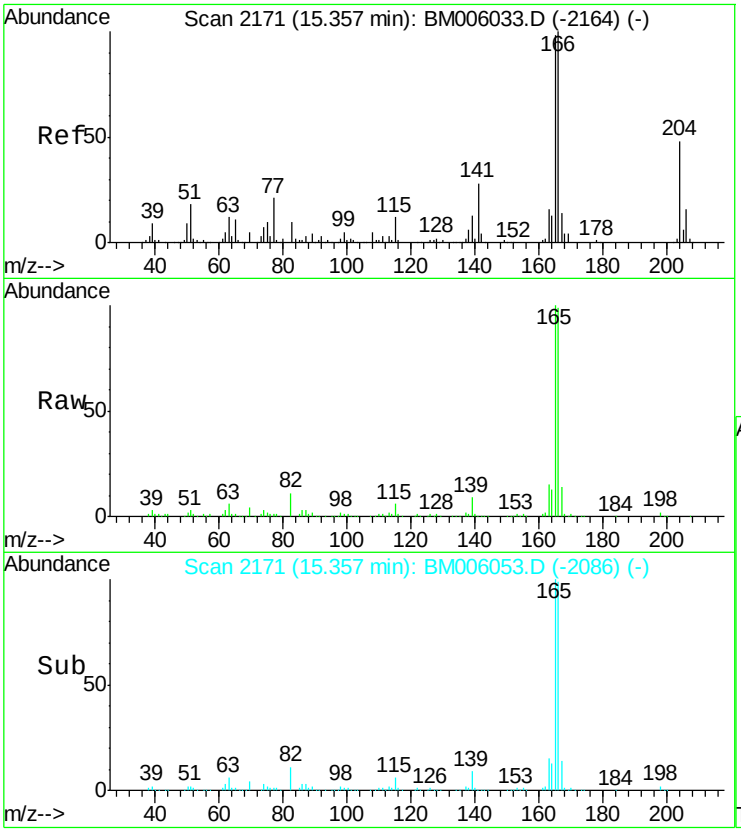


#19
Acenaphthene
Concen: 4.06 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Tgt Ion:153 Resp: 173953

Ion	Ratio	Lower	Upper
153	100		
152	51.4	38.6	57.8
154	89.8	70.7	106.1



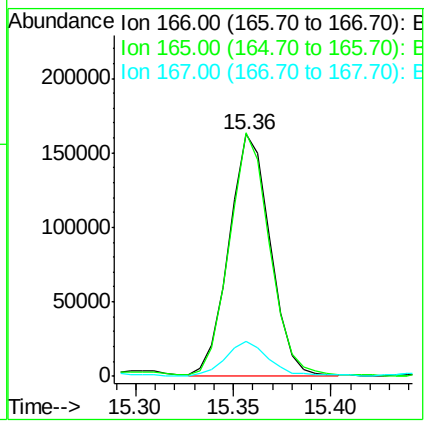


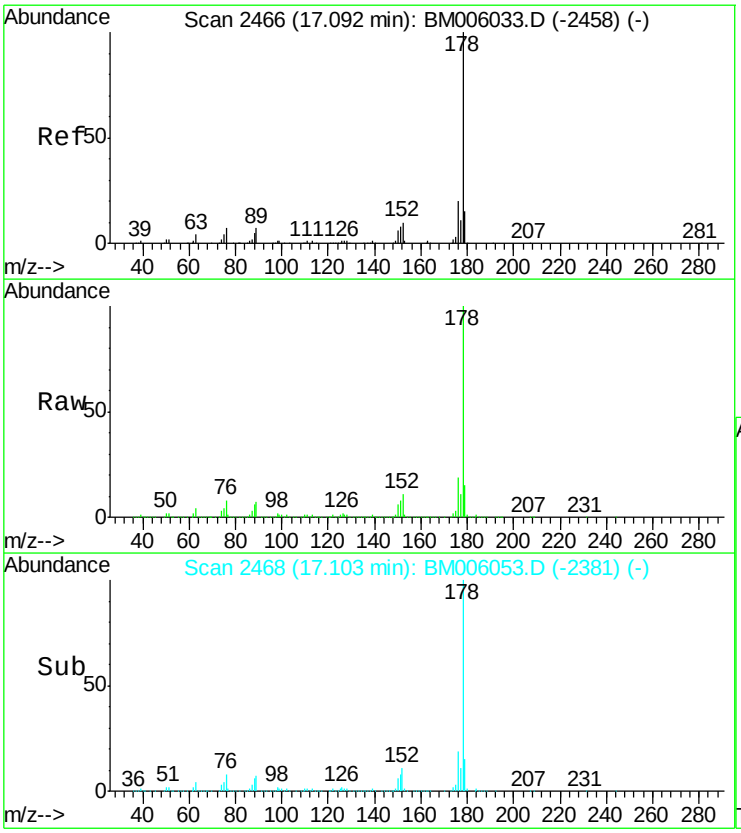
#22
Fluorene
Concen: 4.62 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Instrument :
BNA_M
ClientSampleId :
D9YA1

Tgt Ion:166 Resp: 238064

Ion	Ratio	Lower	Upper
166	100		
165	100.6	76.8	115.2
167	14.6	10.8	16.2

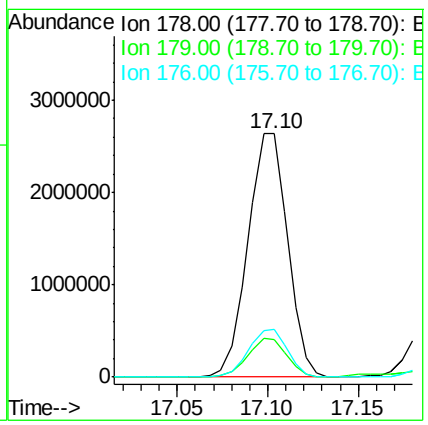


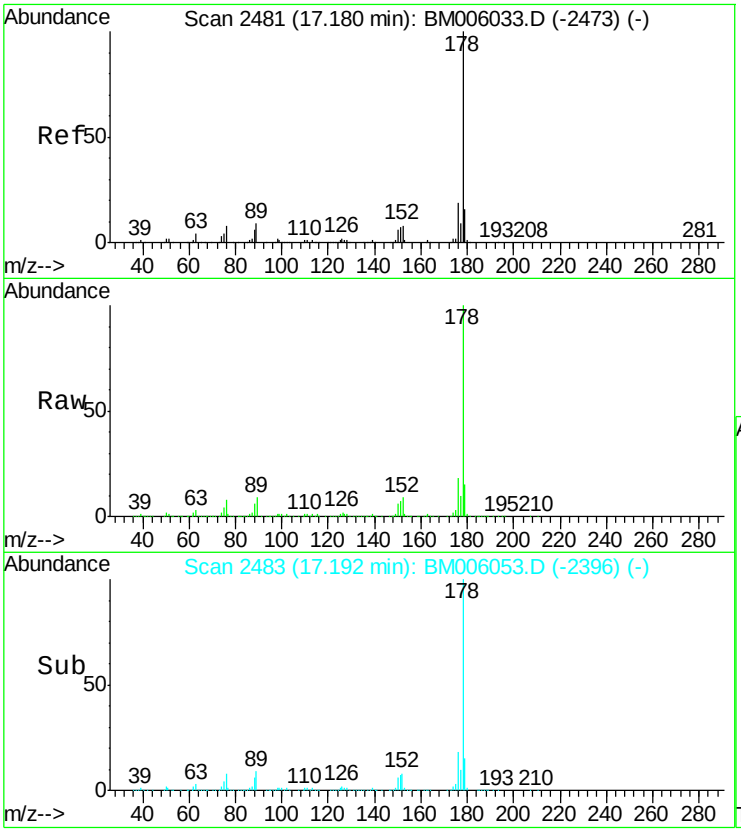


#25
Phenanthrene
Concen: 47.30 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Tgt Ion:178 Resp: 4021147

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	19.4	15.4	23.0



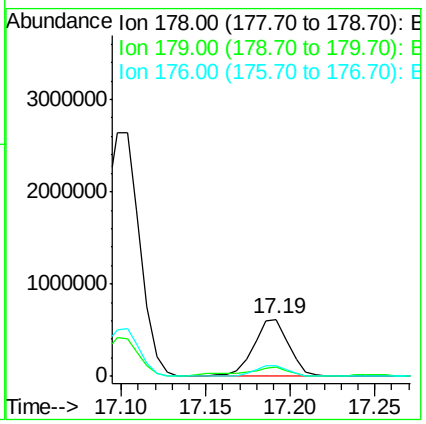


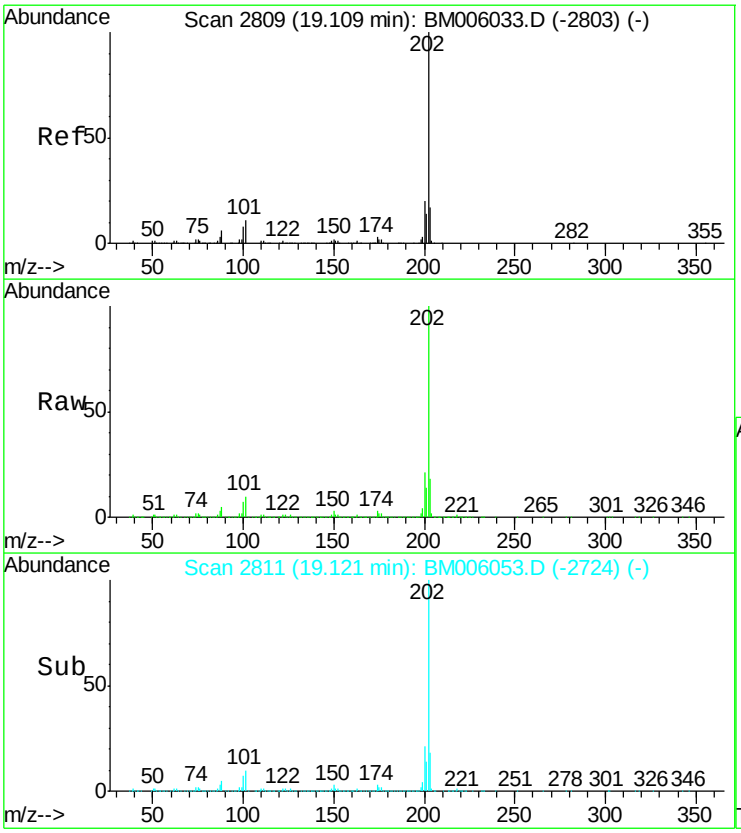
#27
Anthracene
Concen: 10.27 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Instrument :
BNA_M
ClientSampleId :
D9YA1

Tgt Ion:178 Resp: 901335

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.0	14.9	22.3

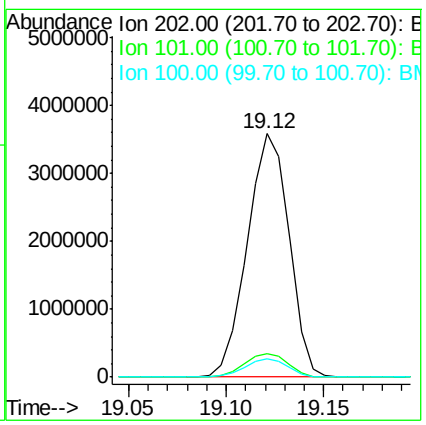


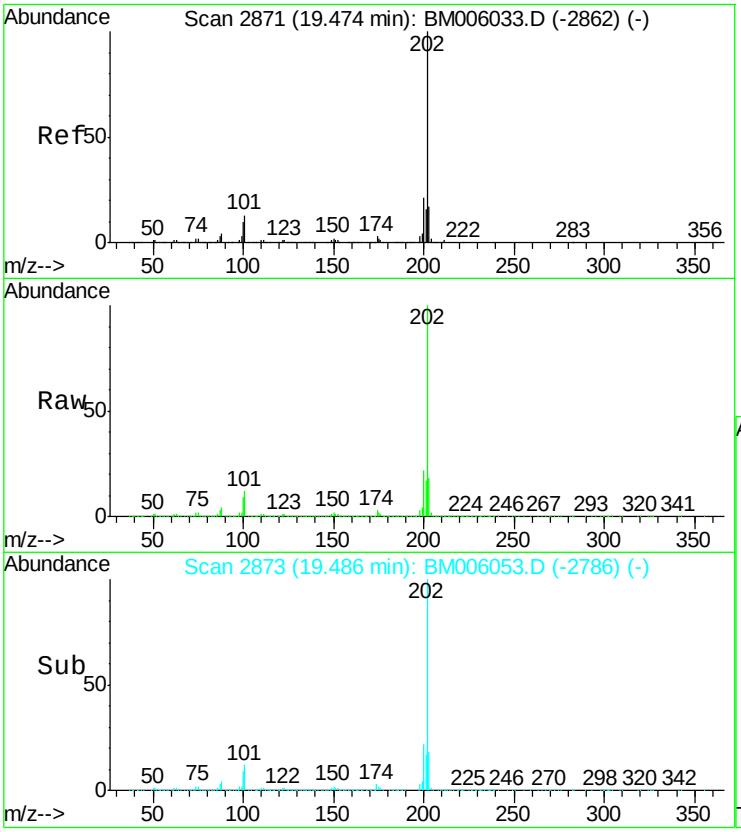


#28
Fluoranthene
Concen: 48.84 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Tgt Ion:202 Resp: 5318906

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.2	12.4
100	7.4	6.3	9.5



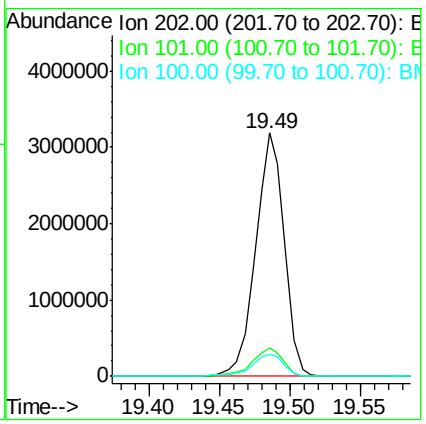


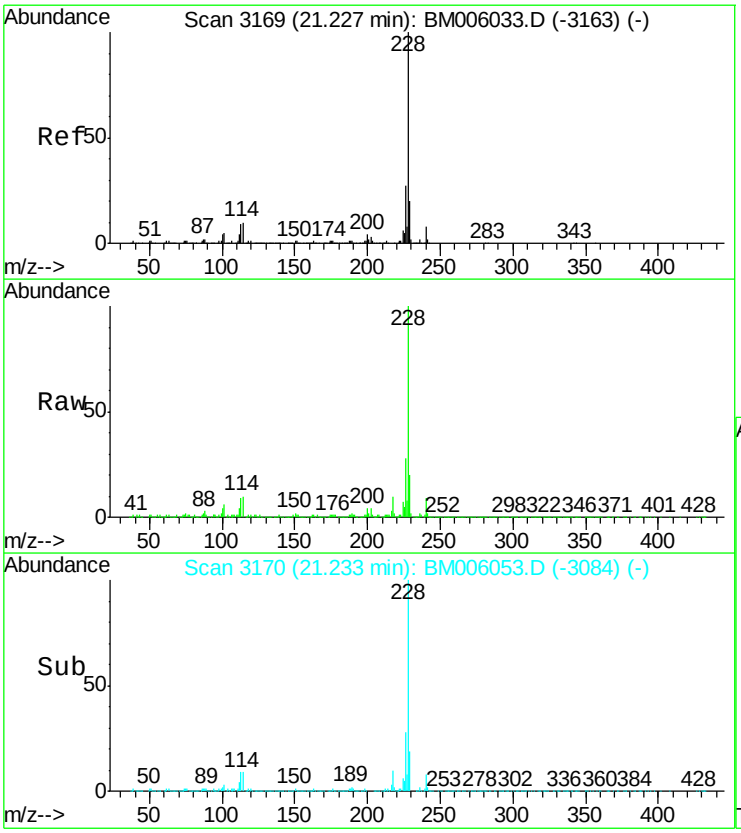
#31
Pyrene
Concen: 46.19 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Instrument :
BNA_M
ClientSampleId :
D9YA1

Tgt Ion:202 Resp: 4520340

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.1	8.2	12.2

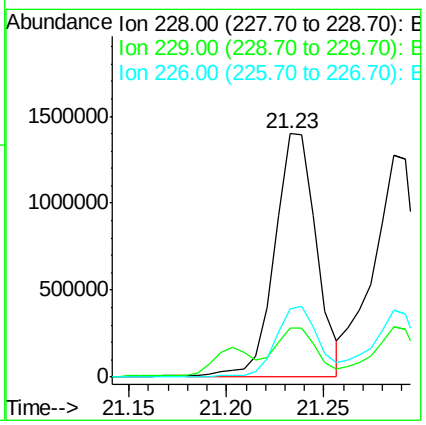


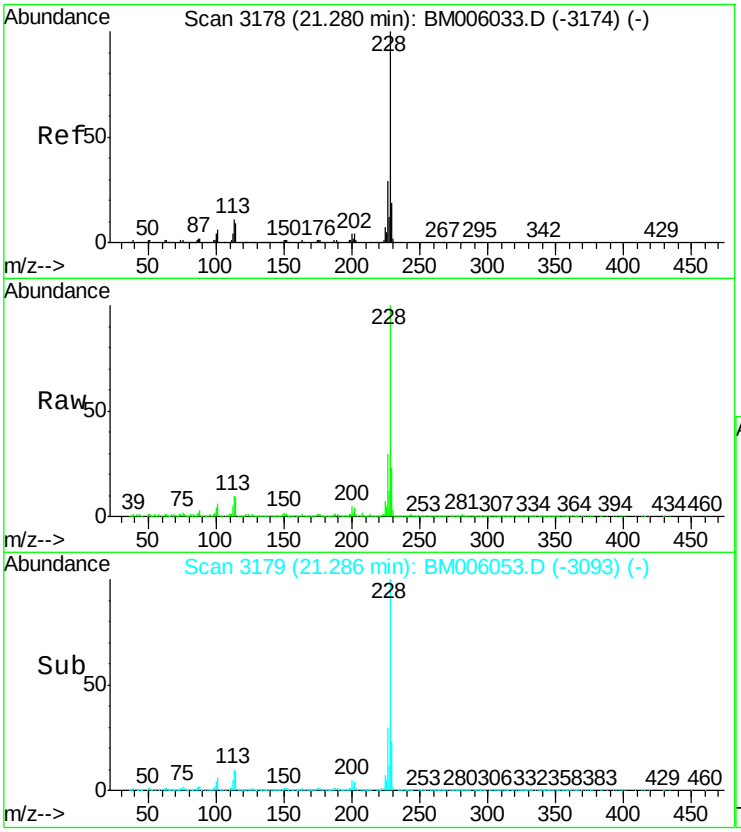


#32
Benzo(a)anthracene
Concen: 20.37 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Tgt Ion:228 Resp: 2069000

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	28.0	21.5	32.3



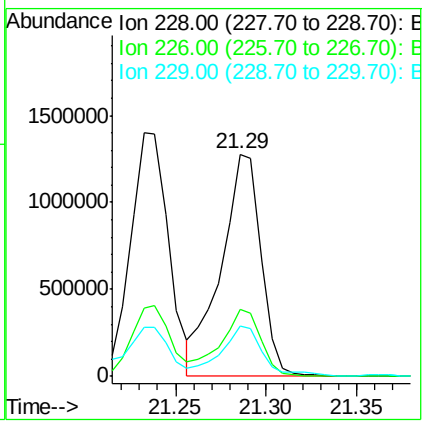


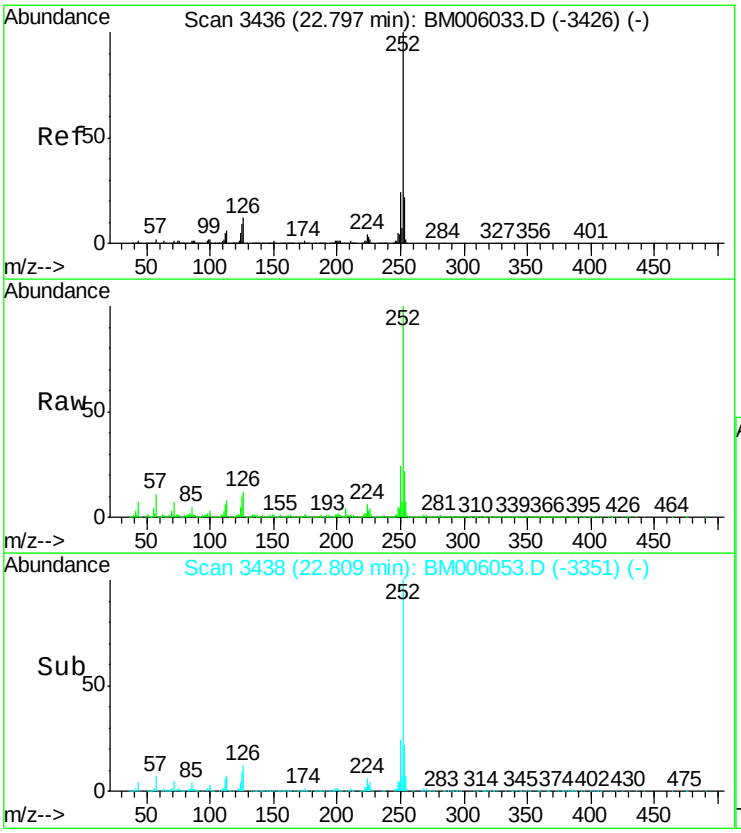
#33
Chrysene
Concen: 21.12 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Instrument :
BNA_M
ClientSampleId :
D9YA1

Tgt Ion:228 Resp: 1959462

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	22.8	15.4	23.2

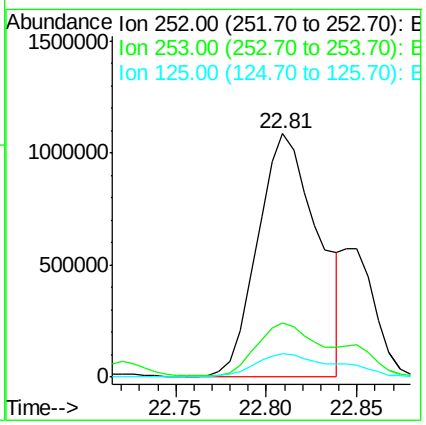


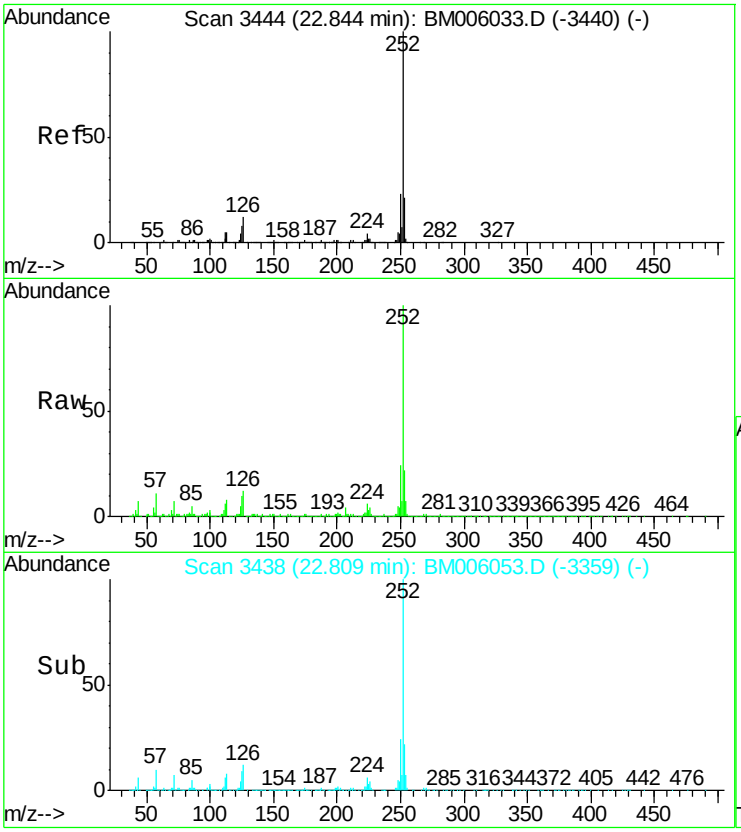


#35
Benzo(b)fluoranthene
Concen: 27.05 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Tgt Ion:252 Resp: 2512277

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	9.8	6.8	10.2



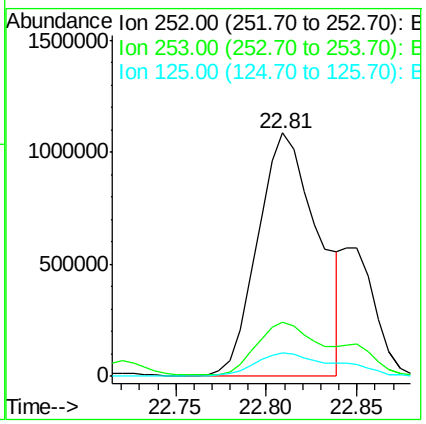


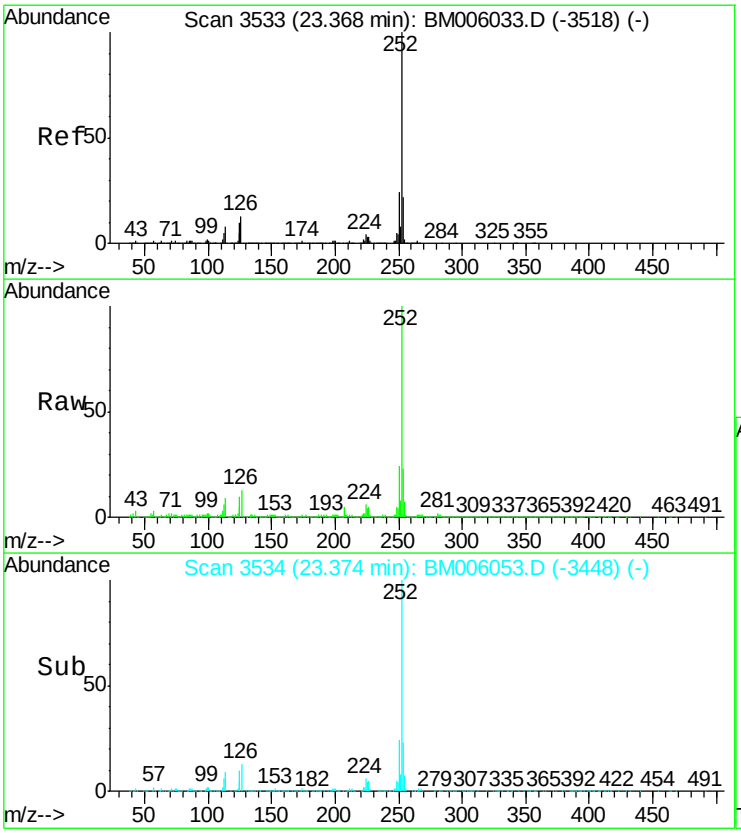
#36
Benzo(k)fluoranthene
Concen: 29.08 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.04 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Instrument :
BNA_M
ClientSampleId :
D9YA1

Tgt Ion:252 Resp: 2512277

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.8	7.0	10.4

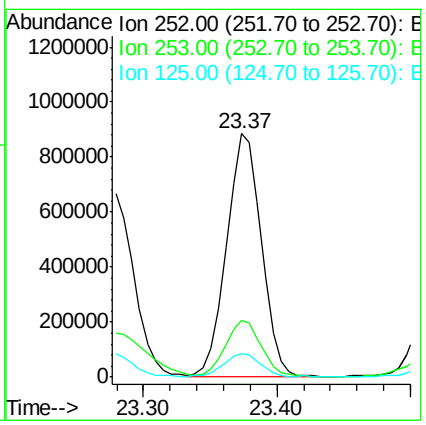


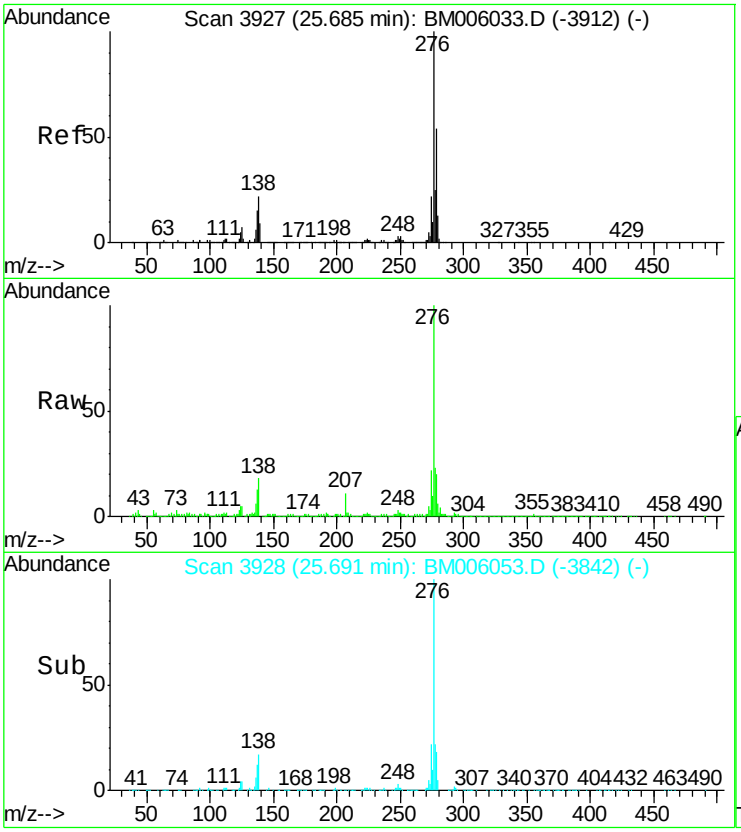


#38
Benzo(a)pyrene
Concen: 17.92 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Tgt Ion:252 Resp: 1595462

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.8	7.8	11.6



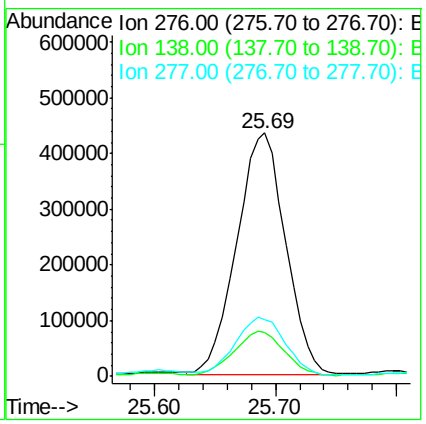


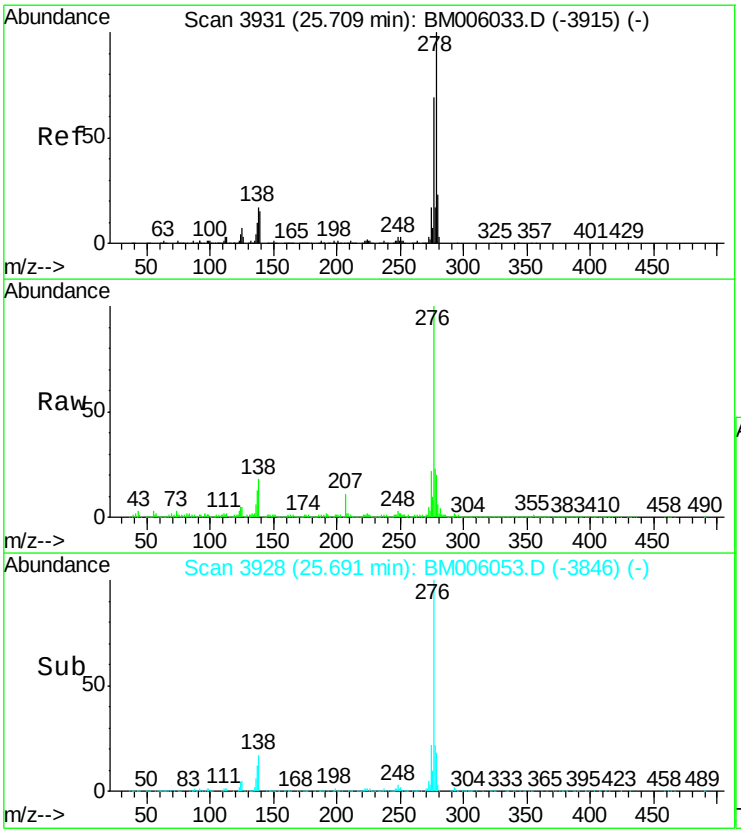
#39
Indeno(1,2,3-cd)pyrene
Concen: 11.52 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. 0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Instrument :
BNA_M
ClientSampleId :
D9YA1

Tgt Ion:276 Resp: 1223114

Ion	Ratio	Lower	Upper
276	100		
138	17.9	16.6	25.0
277	23.4	19.6	29.4

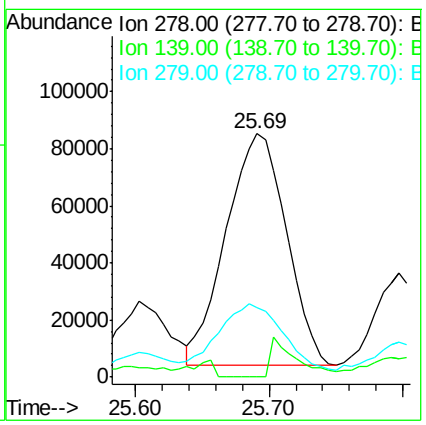


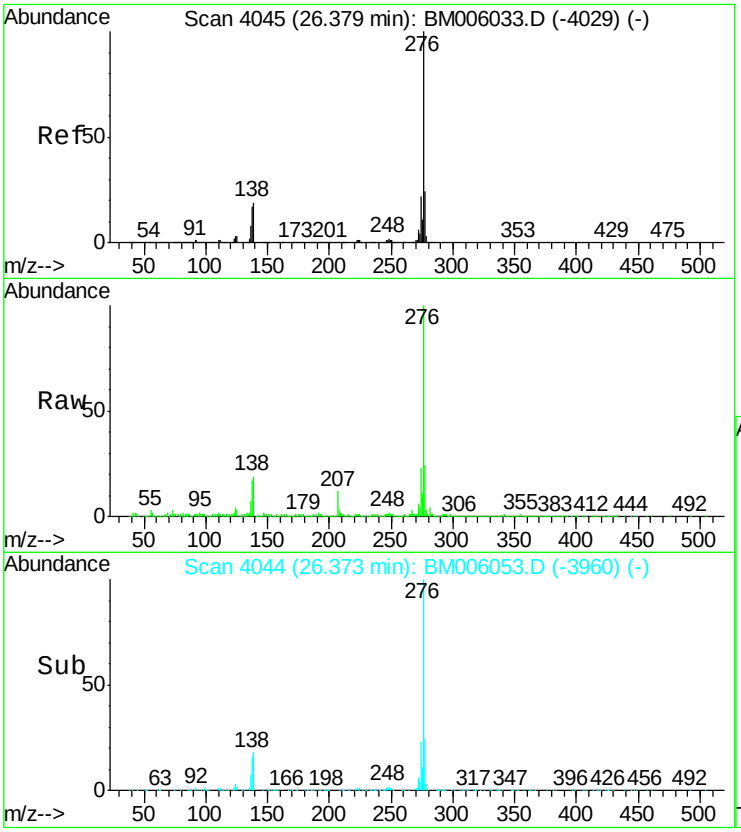


#40
Dibenzo(a,h)anthracene
Concen: 2.89 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. -0.02 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Tgt Ion:278 Resp: 255339

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	28.8	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 13.22 ng/ul
RT: 26.37 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BM006053.D
Acq: 26 Jun 2016 23:23

Instrument :
BNA_M
ClientSampleId :
D9YA1

Tgt Ion:276 Resp: 1213583

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.9	23.9
277	24.3	19.2	28.8