Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006060.D
Acq On : 27 Jun 2016 03:35
Operator : UM/SJ
Sample : H3670-17 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y99

Quant Time: Jun 27 05:20:27 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	341557	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1609580	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	929109	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1998258	20.00	ng/ul	0.01
29) Chrysene-d12	21.26	240	1265943	20.00	ng/ul	0.01
34) Perylene-d12	23.48	264	1249126	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6540	0.86	ng/uL	0.00
3) Phenol-d5	6.83	99	299081	8.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	204946	10.25	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	249464	9.97	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	149838	4.94	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	133432	10.89	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	141462	10.37	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	264199	10.10	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	167589	5.91	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	855466	10.76	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1083781	11.75	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	86743	5.11	ng/ul	0.01
21) Fluorene-d10	15.30	176	757431	11.15	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	22894	2.06	ng/ul	0.02
26) Anthracene-d10	17.16	188	1110449	12.10	ng/ul	0.00
30) Pyrene-d10	19.46	212	990448	17.86	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.34	264	681425	12.08	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	167388	2.08	ng/ul	99
18) Acenaphthylene	14.03	152	193947	1.99	ng/ul	97
19) Acenaphthene	14.37	153	357054	5.78	ng/ul	100
22) Fluorene	15.36	166	360930	4.85	ng/ul	99
25) Phenanthrene	17.11	178	6794785	63.22	ng/ul	98
27) Anthracene	17.19	178	1621516	14.61	ng/ul	100
28) Fluoranthene	19.13	202	9007092	65.42	ng/ul	97
31) Pyrene	19.50	202	7964117	109.89	ng/ul	96
32) Benzo(a)anthracene	21.24	228	3030404	40.30	ng/ul	98
33) Chrysene	21.29	228	2906160	42.30	ng/ul	97
35) Benzo(b)fluoranthene	22.81	252	3678213	50.68	ng/ul	98
36) Benzo(k)fluoranthene	22.81	252	3678213	54.48	ng/ul	99
38) Benzo(a)pyrene	23.39	252	2581461	37.10	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.70	276	2212180	26.67	ng/ul	96
40) Dibenzo(a,h)anthracene	25.96	278	351294	5.09	ng/ul	96
41) Benzo(g,h,i)perylene	26.39	276	2341207	32.63	ng/ul	97

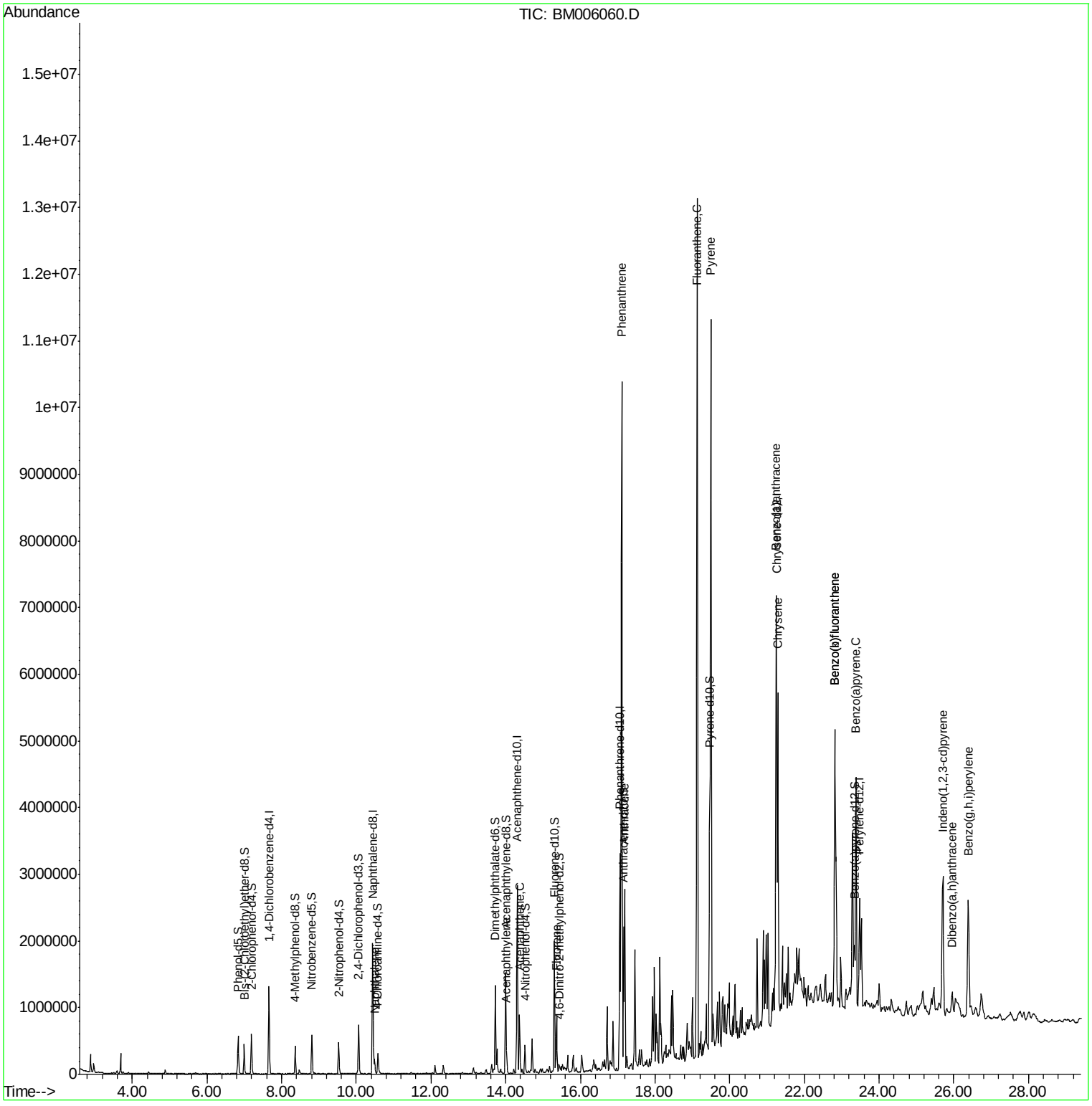
(#) = qualifier out of range (m) = manual integration (+) = signals summed

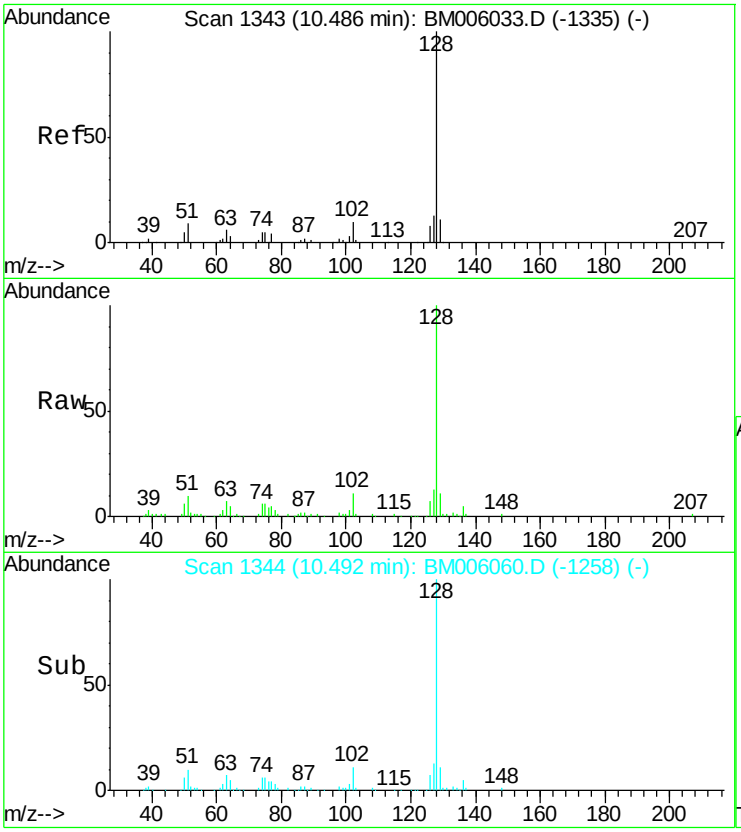
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006060.D
Acq On : 27 Jun 2016 03:35
Operator : UM/SJ
Sample : H3670-17 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y99

Quant Time: Jun 27 05:20:27 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



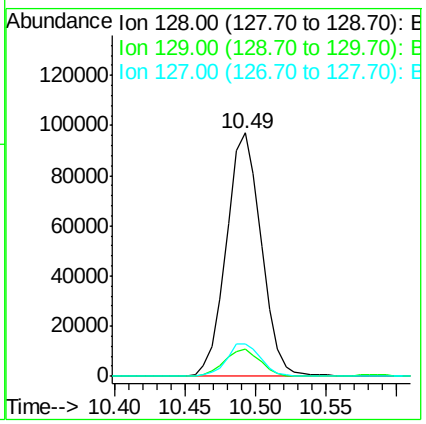


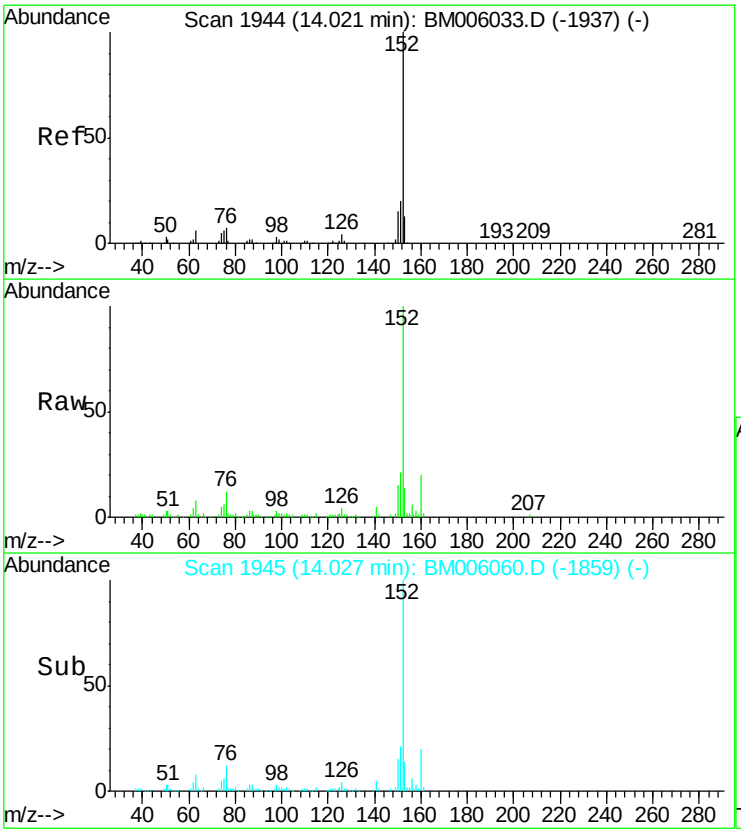
#11
Naphthalene
Concen: 2.08 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Instrument :
BNA_M
ClientSampleId :
D9Y99

Tgt Ion:128 Resp: 167388

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.2	15.4

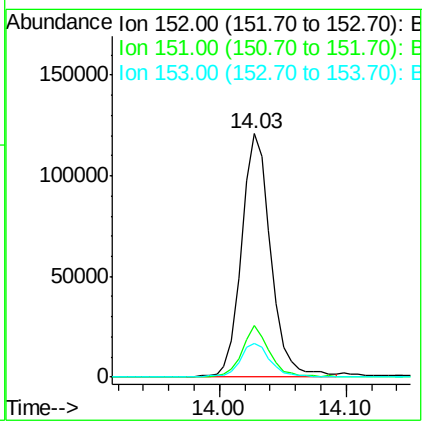


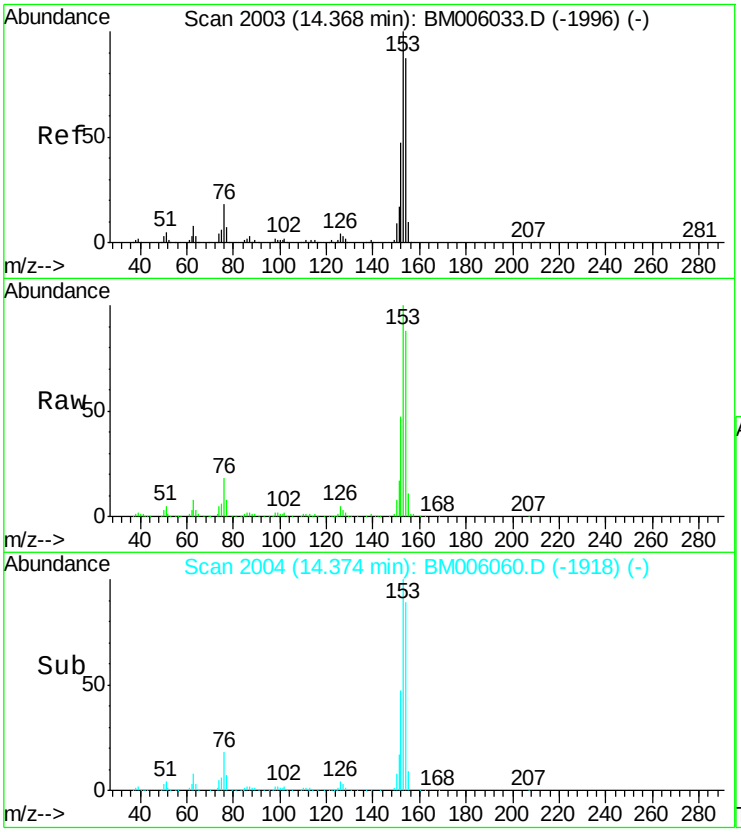


#18
Acenaphthylene
Concen: 1.99 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Tgt Ion:152 Resp: 193947

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.5	23.3
153	13.9	10.5	15.7



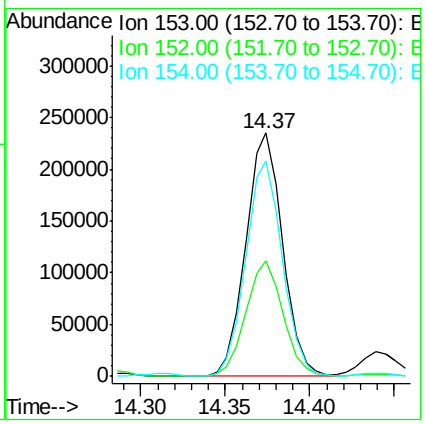


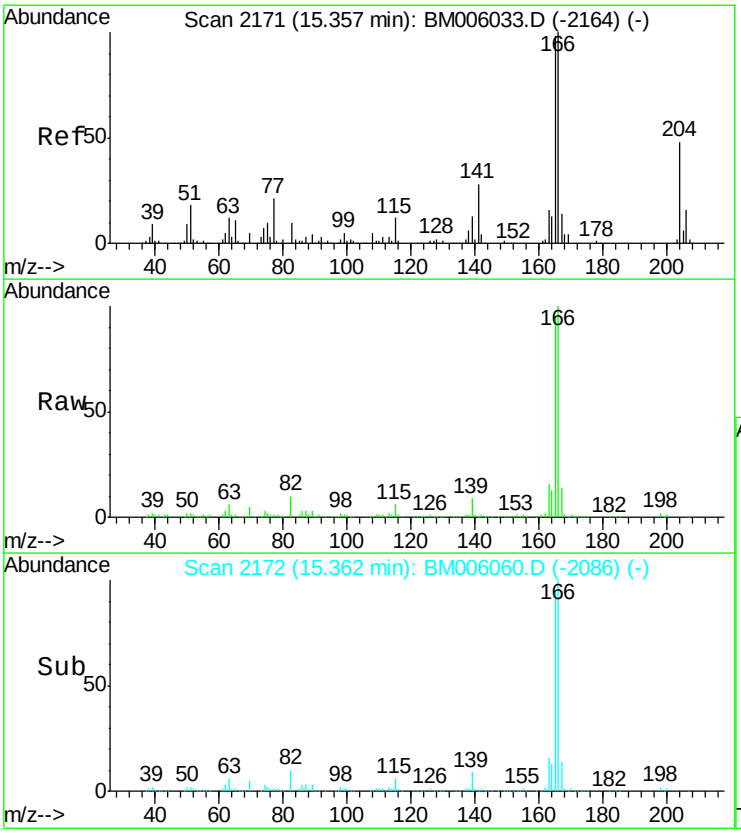
#19
Acenaphthene
Concen: 5.78 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Instrument :
BNA_M
ClientSampleId :
D9Y99

Tgt Ion:153 Resp: 357054

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.6	57.8
154	88.3	70.7	106.1

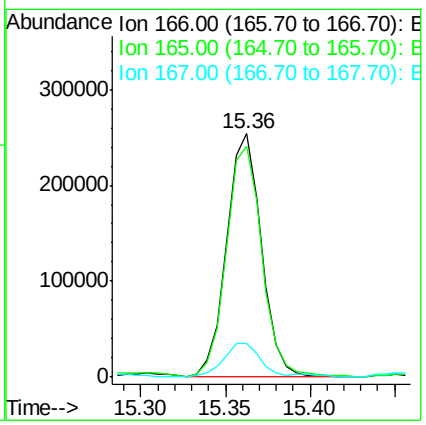


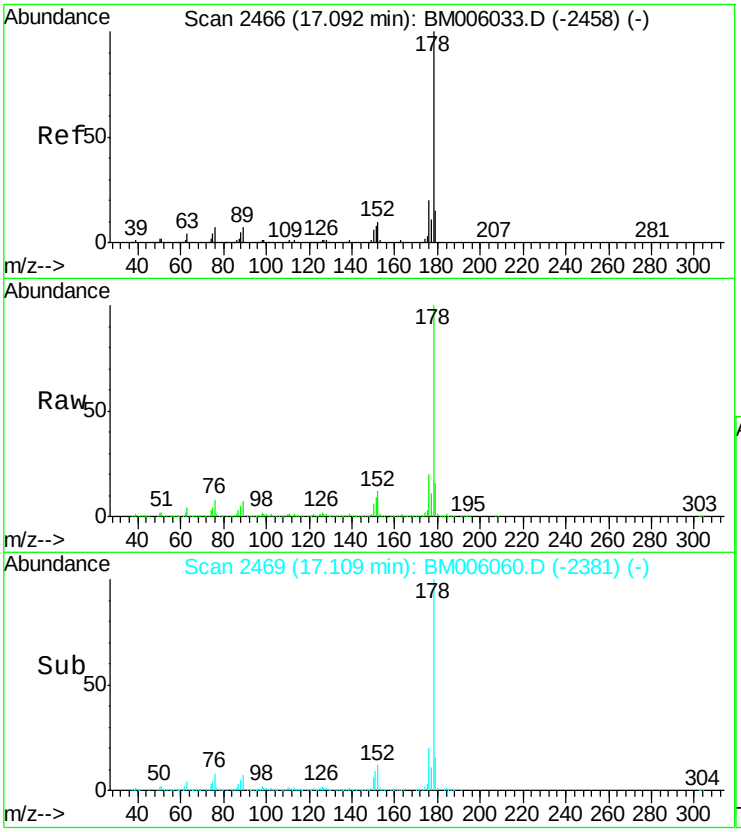


#22
Fluorene
Concen: 4.85 ng/ul
RT: 15.36 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Tgt Ion:166 Resp: 360930

Ion	Ratio	Lower	Upper
166	100		
165	94.8	76.8	115.2
167	14.0	10.8	16.2



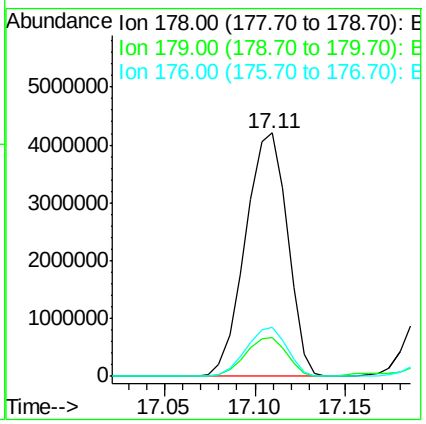


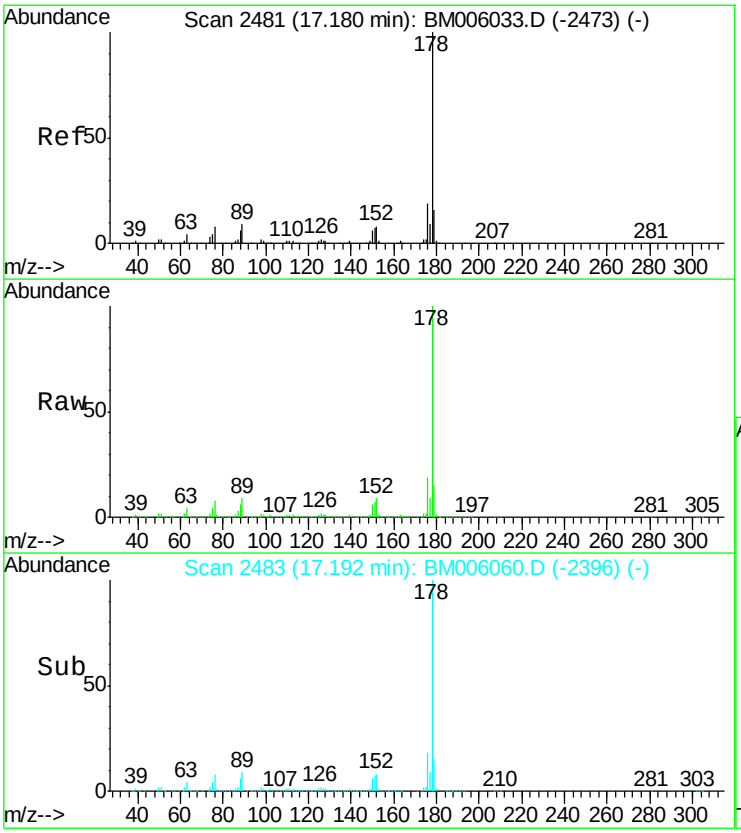
#25
Phenanthrene
Concen: 63.22 ng/ul
RT: 17.11 min Scan# 2469
Delta R.T. 0.02 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Instrument :
BNA_M
ClientSampleId :
D9Y99

Tgt Ion:178 Resp: 6794785

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	19.9	15.4	23.0

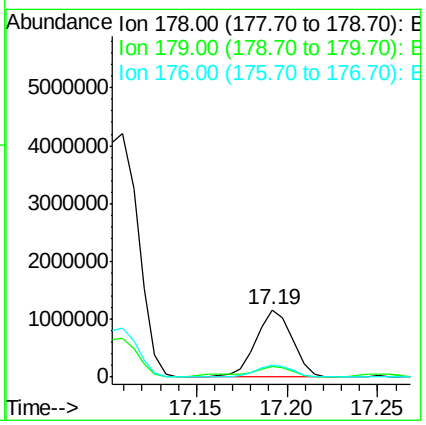


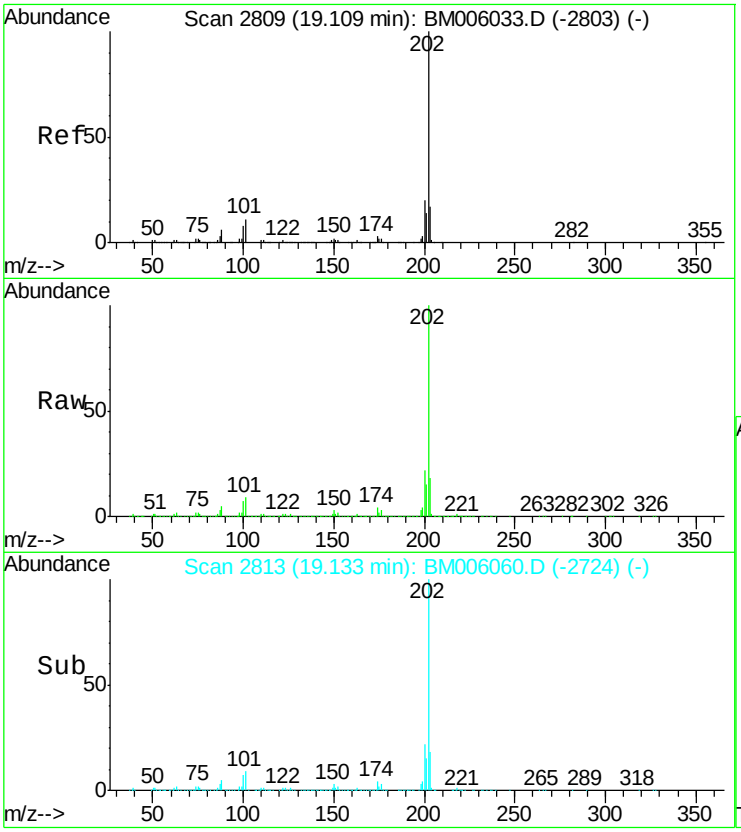


#27
Anthracene
Concen: 14.61 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Tgt Ion:178 Resp: 1621516

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	18.5	14.9	22.3



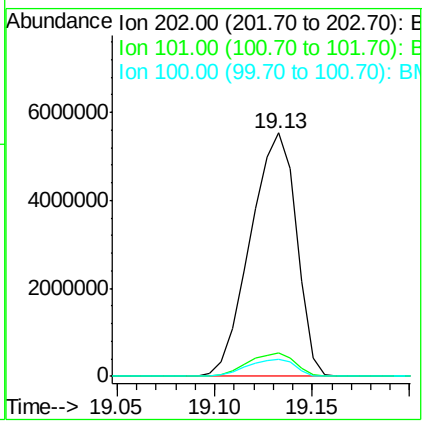


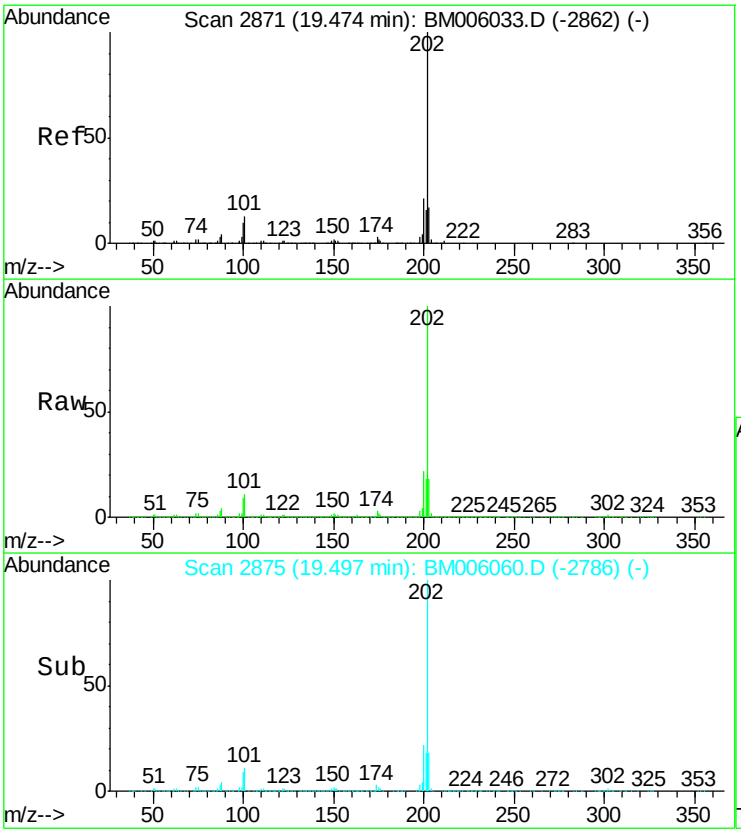
#28
Fluoranthene
Concen: 65.42 ng/ul
RT: 19.13 min Scan# 2813
Delta R.T. 0.02 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Instrument :
BNA_M
ClientSampleId :
D9Y99

Tgt Ion:202 Resp: 9007092

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.2	12.4
100	6.8	6.3	9.5

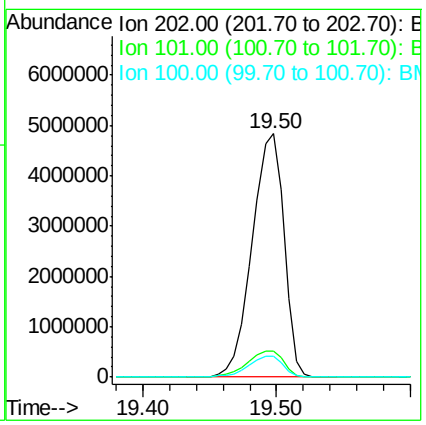


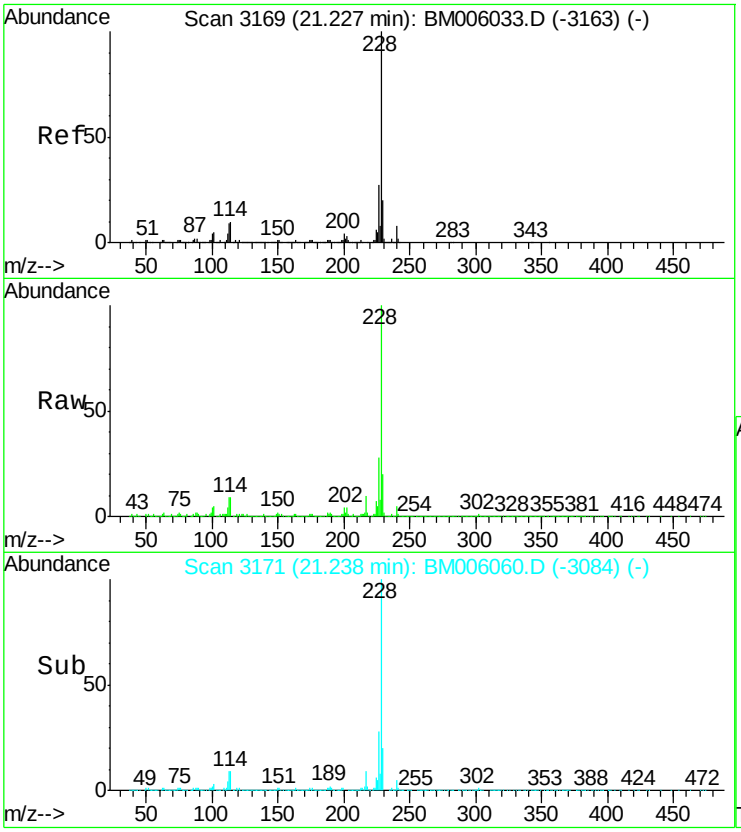


#31
Pyrene
Concen: 109.89 ng/ul
RT: 19.50 min Scan# 2875
Delta R.T. 0.02 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Tgt Ion:202 Resp: 7964117

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.6
100	8.5	8.2	12.2



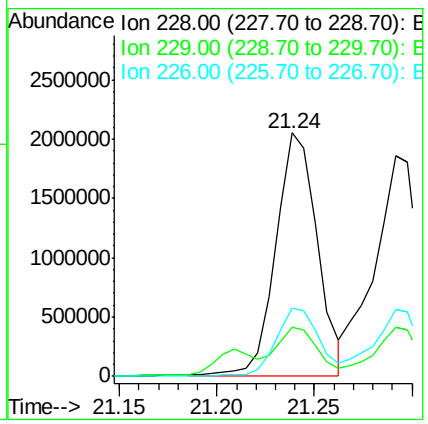


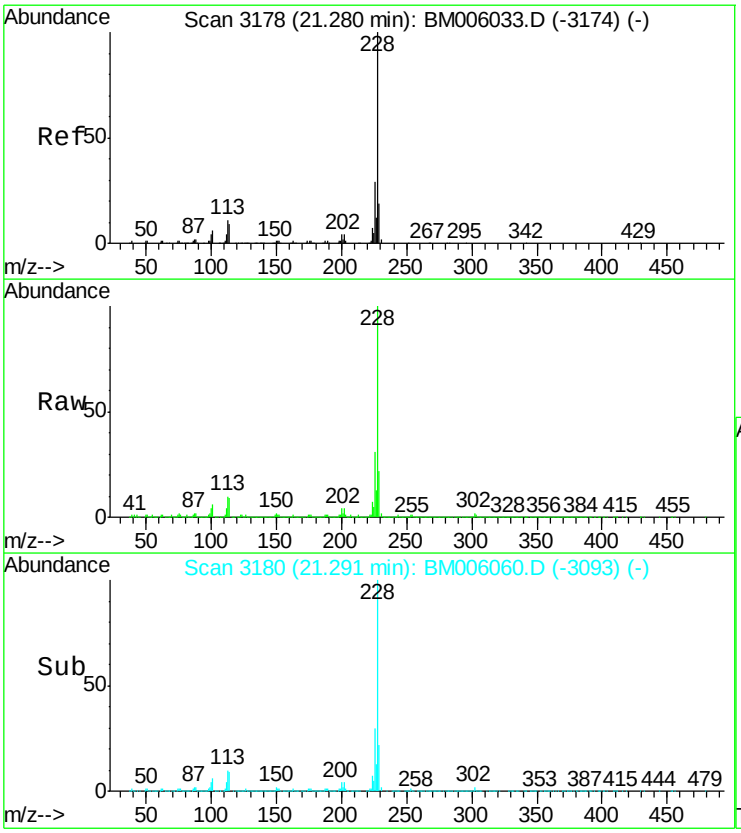
#32
Benzo(a)anthracene
Concen: 40.30 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Instrument :
BNA_M
ClientSampleId :
D9Y99

Tgt Ion:228 Resp: 3030404

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	27.8	21.5	32.3

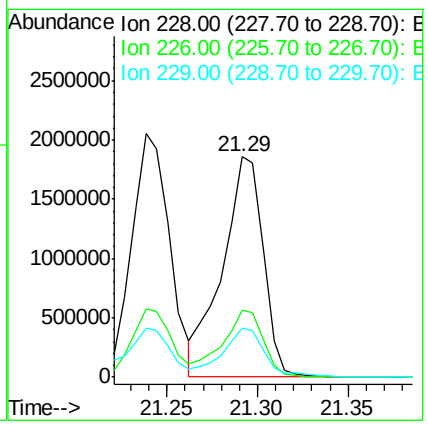


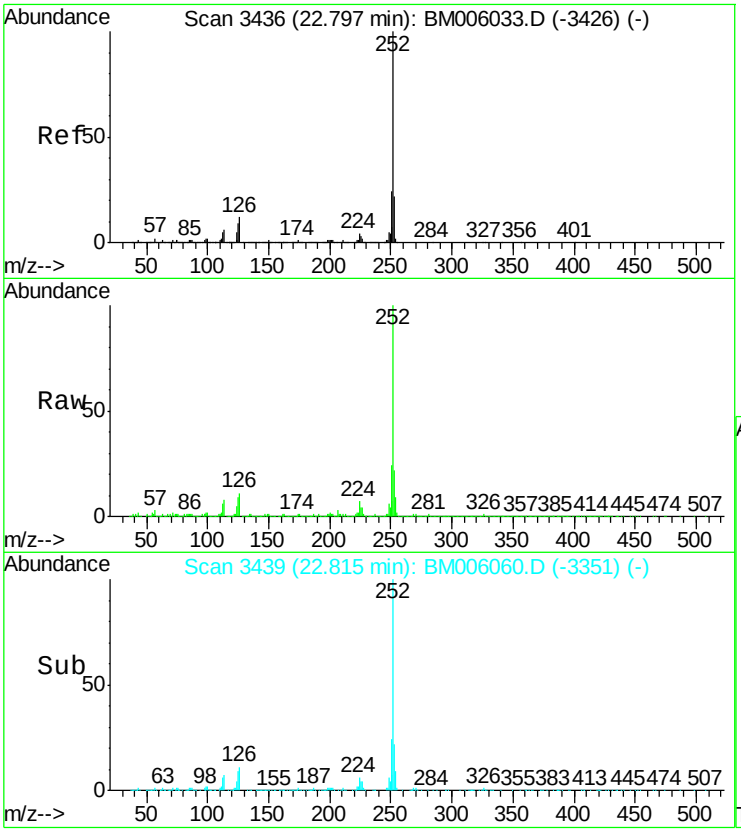


#33
Chrysene
Concen: 42.30 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Tgt Ion:228 Resp: 2906160

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	22.3	15.4	23.2



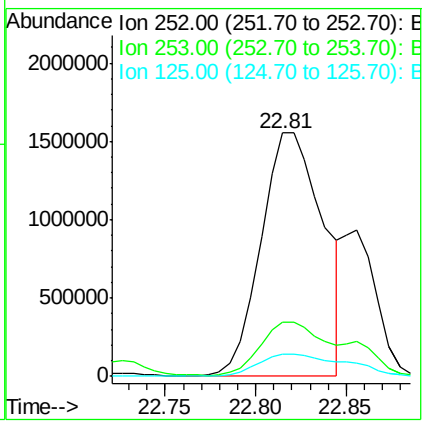


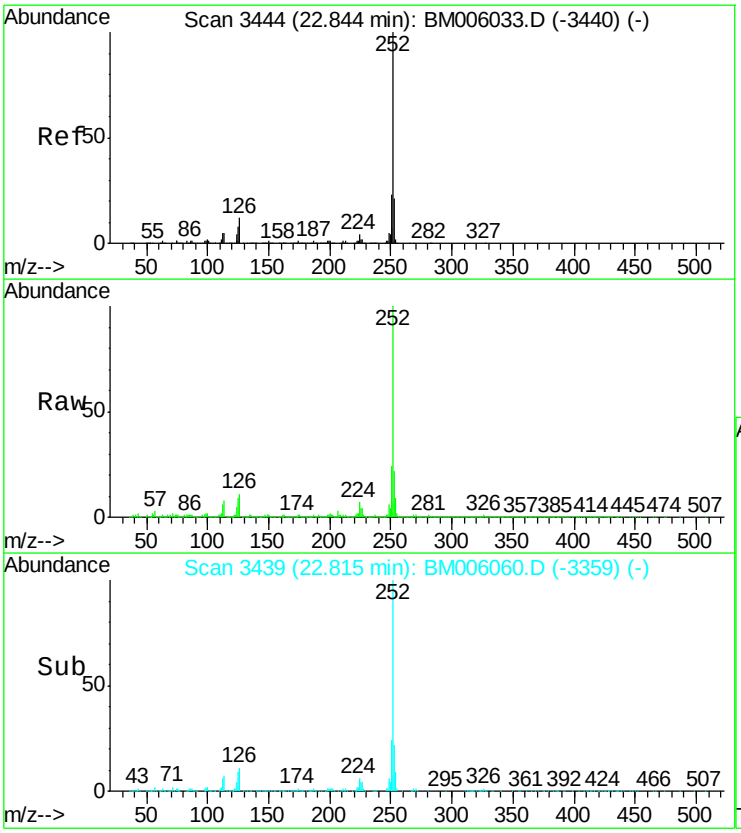
#35
Benzo(b)fluoranthene
Concen: 50.68 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Instrument :
BNA_M
ClientSampleId :
D9Y99

Tgt Ion:252 Resp: 3678213

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.0	6.8	10.2

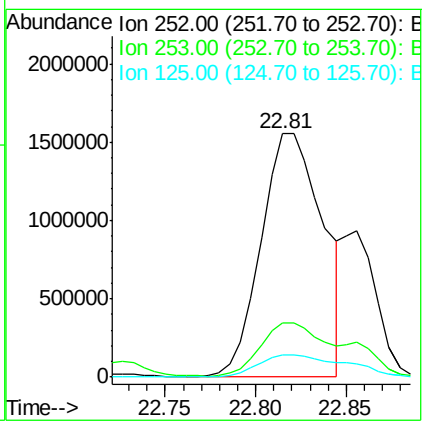


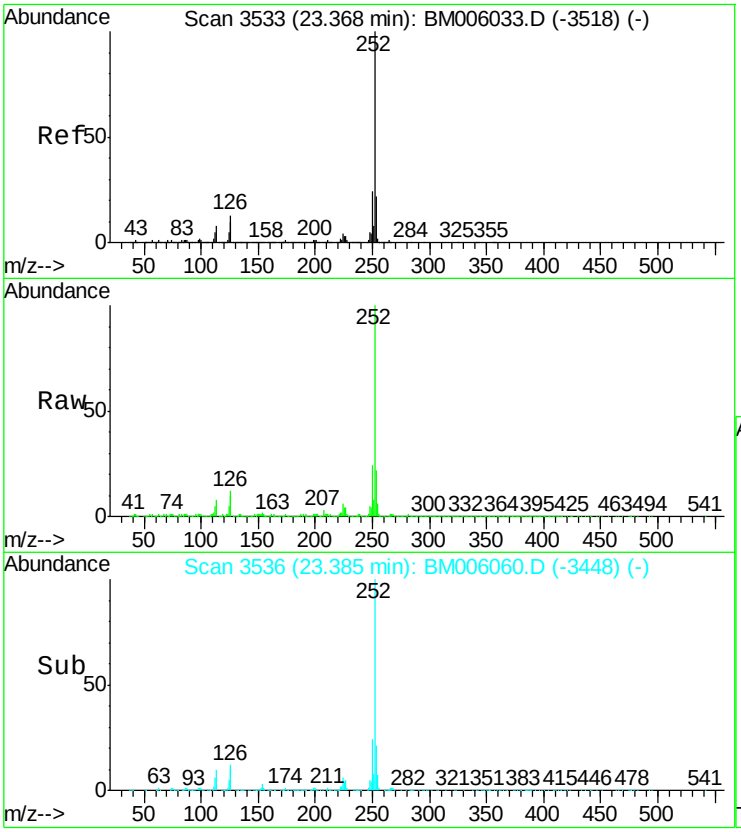


#36
Benzo(k)fluoranthene
Concen: 54.48 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. -0.03 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Tgt Ion:252 Resp: 3678213

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.0	7.0	10.4



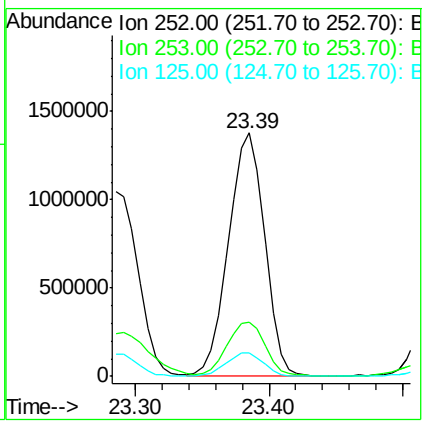


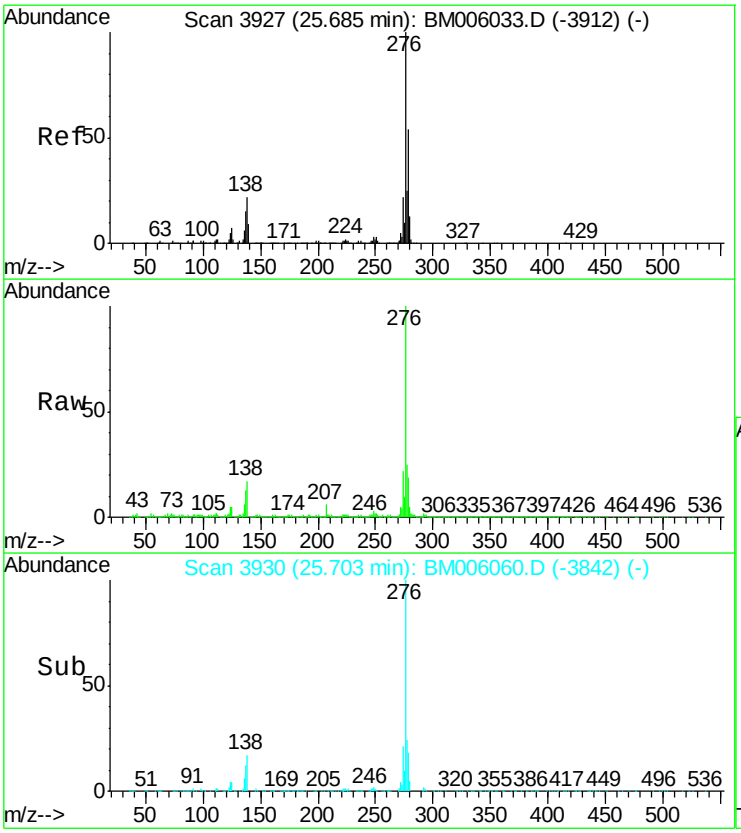
#38
Benzo(a)pyrene
Concen: 37.10 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. 0.02 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Instrument :
BNA_M
ClientSampleId :
D9Y99

Tgt Ion:252 Resp: 2581461

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.7	7.8	11.6

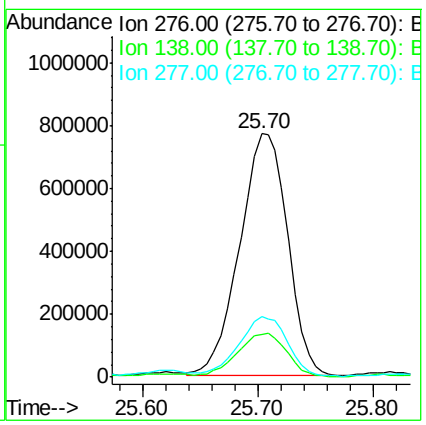


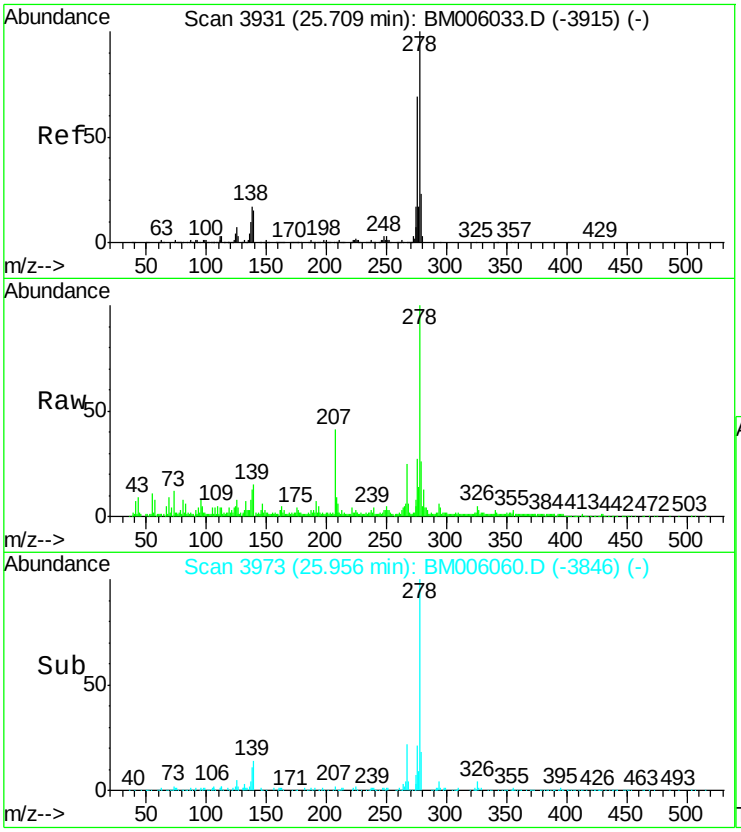


#39
Indeno(1,2,3-cd)pyrene
Concen: 26.67 ng/ul
RT: 25.70 min Scan# 3930
Delta R.T. 0.02 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Tgt Ion:276 Resp: 2212180

Ion	Ratio	Lower	Upper
276	100		
138	17.5	16.6	25.0
277	24.9	19.6	29.4



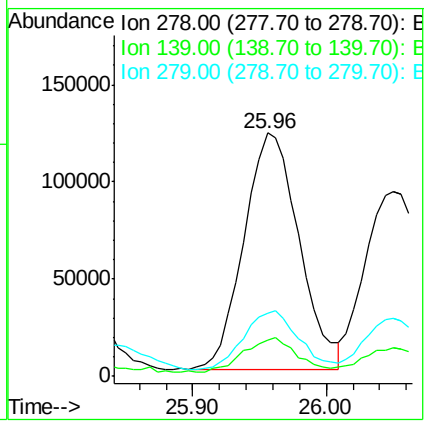


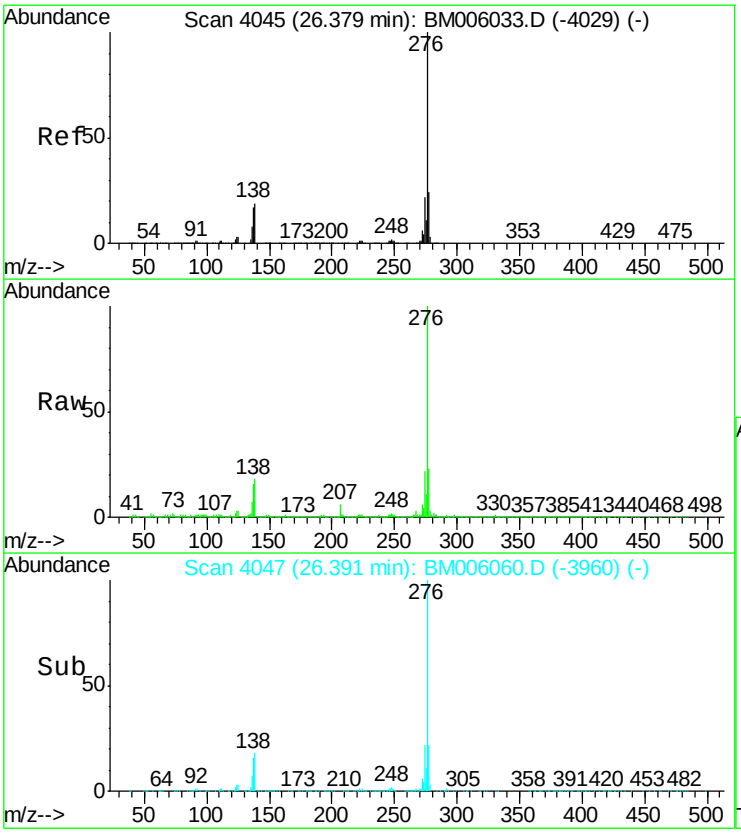
#40
Dibenzo(a,h)anthracene
Concen: 5.09 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. 0.25 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Instrument :
BNA_M
ClientSampleId :
D9Y99

Tgt Ion:278 Resp: 351294

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.4	17.2
279	25.8	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 32.63 ng/ul
RT: 26.39 min Scan# 4047
Delta R.T. 0.01 min
Lab File: BM006060.D
Acq: 27 Jun 2016 03:35

Tgt Ion:276 Resp: 2341207

Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.9	23.9
277	23.3	19.2	28.8