Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006058.D
Acq On : 27 Jun 2016 02:23
Operator : UM/SJ
Sample : H3671-13MSD 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YA5MSD

Quant Time: Jun 27 05:19:59 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	284382	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1346453	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	782378	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1726908	20.00	ng/ul	0.01
29) Chrysene-d12	21.26	240	1284072	20.00	ng/ul	0.01
34) Perylene-d12	23.47	264	1200162	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	4725	0.74	ng/uL	0.00
3) Phenol-d5	6.83	99	267490	8.94	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	172823	10.38	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	213273	10.24	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	142053	5.63	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	114750	11.19	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	121140	10.62	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	225775	10.32	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	152824	6.44	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	690023	10.30	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	900669	11.59	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	94330	6.60	ng/ul	0.01
21) Fluorene-d10	15.30	176	630639	11.03	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	27881	2.91	ng/ul	0.01
26) Anthracene-d10	17.16	188	934218	11.78	ng/ul	0.00
30) Pyrene-d10	19.46	212	904625	16.08	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.33	264	637967	11.77	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.49	128	106651	1.59	ng/ul	98
18) Acenaphthylene	14.03	152	170458	2.08	ng/ul	96
19) Acenaphthene	14.37	153	825440	15.87	ng/ul	99
22) Fluorene	15.36	166	287515	4.59	ng/ul	99
25) Phenanthrene	17.10	178	6220946	66.97	ng/ul	99
27) Anthracene	17.19	178	1342690	14.00	ng/ul	100
28) Fluoranthene	19.13	202	8902211	74.82	ng/ul	97
31) Pyrene	19.49	202	8350267	113.59	ng/ul	97
32) Benzo(a)anthracene	21.24	228	3196044	41.90	ng/ul	98
33) Chrysene	21.29	228	3067677	44.02	ng/ul	97
35) Benzo(b)fluoranthene	22.82	252	3943325	56.55	ng/ul	98
36) Benzo(k)fluoranthene	22.82	252	3943325	60.79	ng/ul	98
38) Benzo(a)pyrene	23.38	252	2632686	39.38	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.70	276	2213737	27.77	ng/ul	97
40) Dibenzo(a,h)anthracene	25.96	278	338201	5.10	ng/ul	98
41) Benzo(g,h,i)perylene	26.39	276	2347250	34.05	ng/ul	99

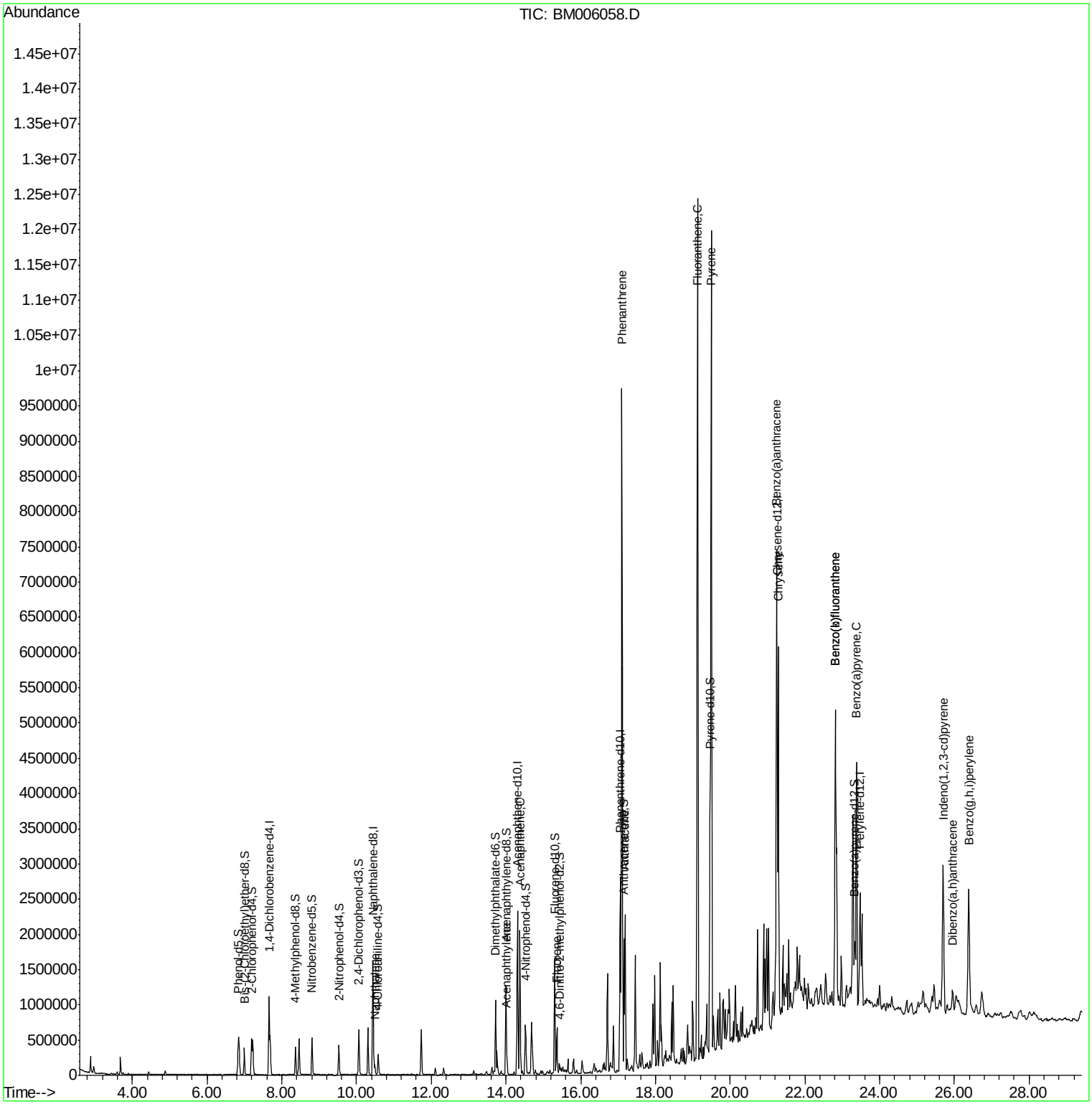
(#) = qualifier out of range (m) = manual integration (+) = signals summed

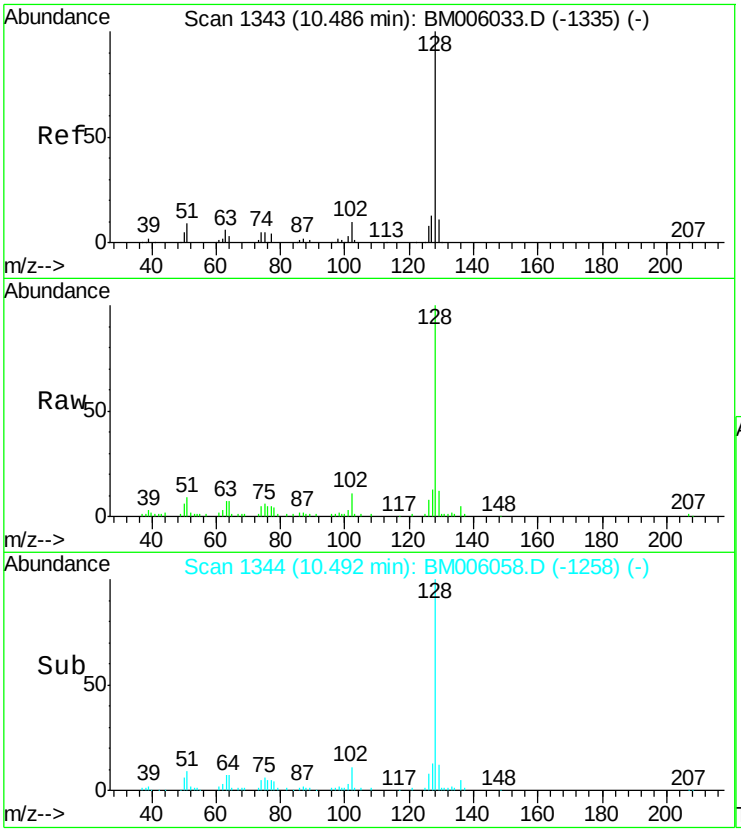
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006058.D
Acq On : 27 Jun 2016 02:23
Operator : UM/SJ
Sample : H3671-13MSD 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YA5MSD

Quant Time: Jun 27 05:19:59 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



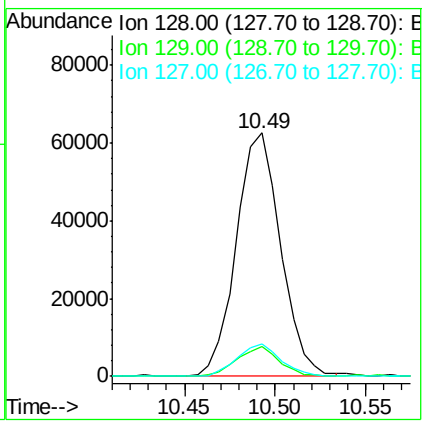


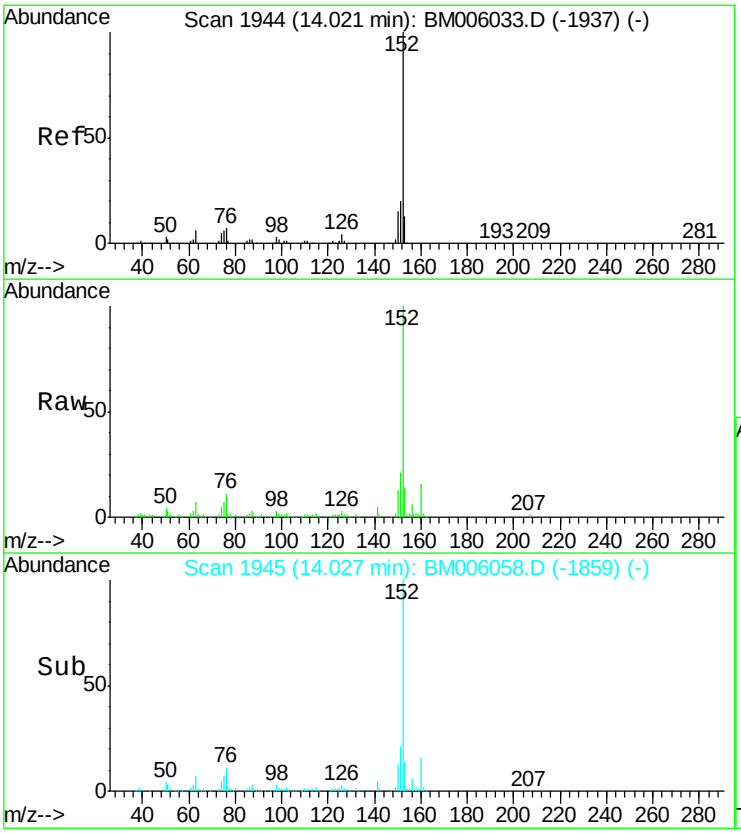
#11
Naphthalene
Concen: 1.59 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Instrument :
BNA_M
ClientSampleId :
D9YA5MSD

Tgt Ion:128 Resp: 106651

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	13.0
127	13.1	10.2	15.4

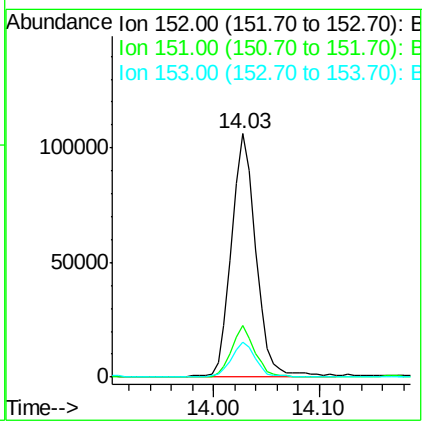


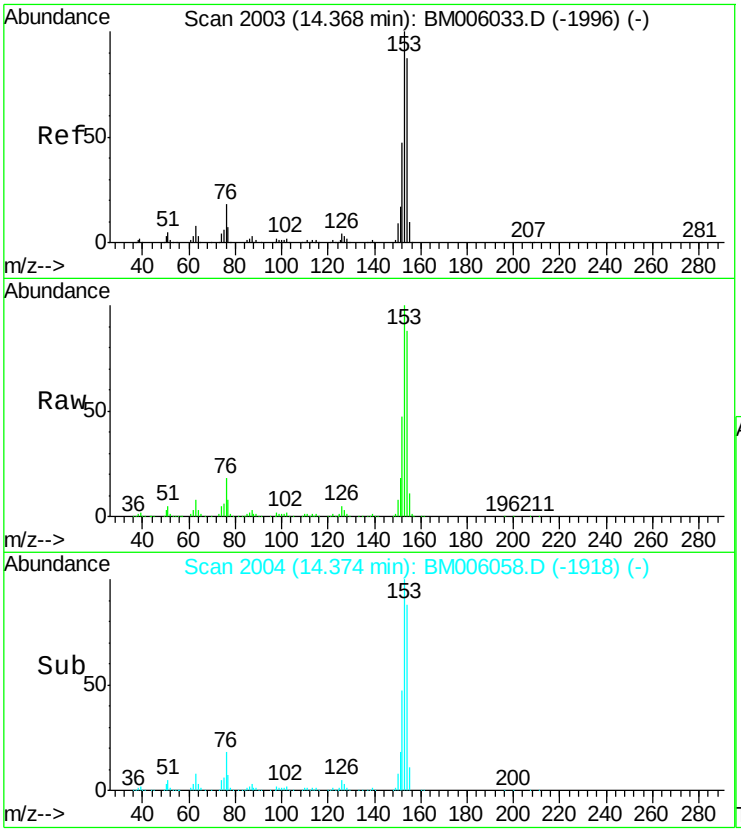


#18
Acenaphthylene
Concen: 2.08 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Tgt Ion:152 Resp: 170458

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.5	23.3
153	14.5	10.5	15.7



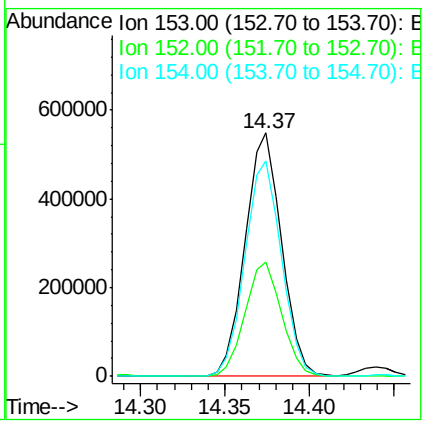


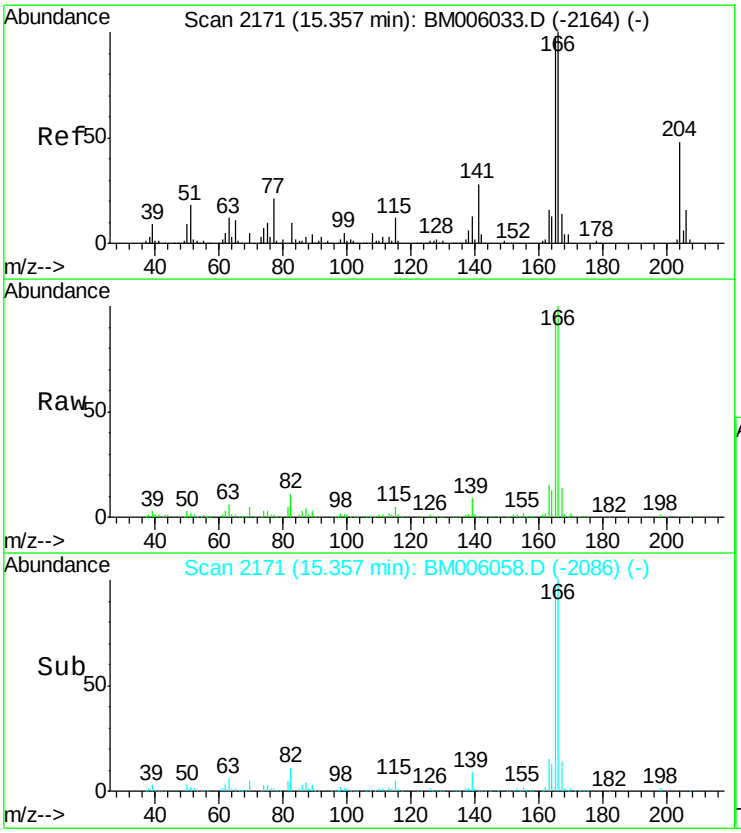
#19
Acenaphthene
Concen: 15.87 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Instrument :
BNA_M
ClientSampleId :
D9YA5MSD

Tgt Ion:153 Resp: 825440

Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.6	57.8
154	88.2	70.7	106.1

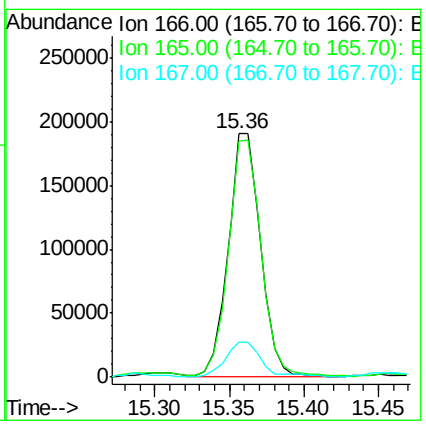


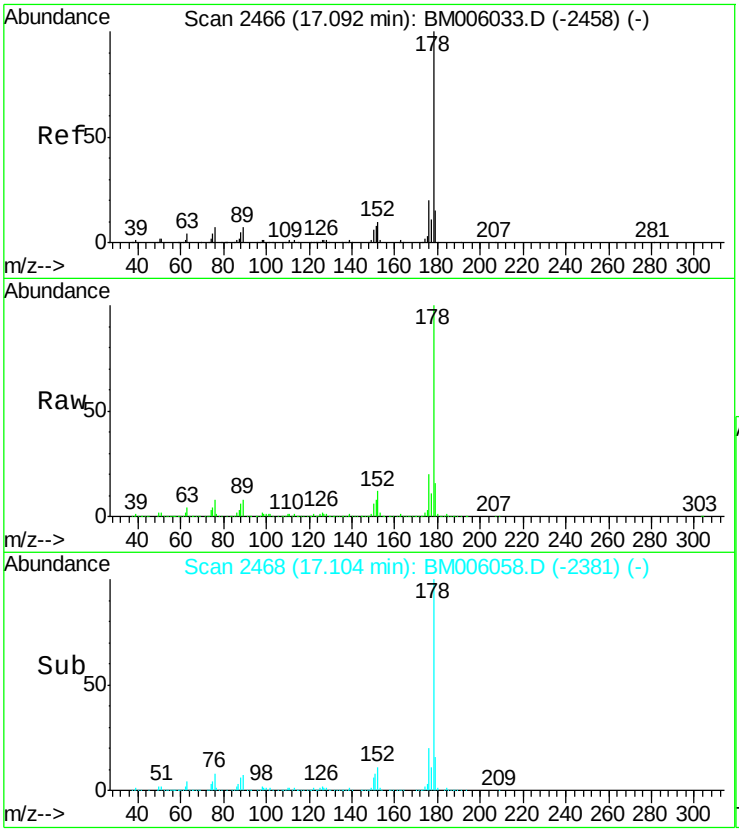


#22
Fluorene
Concen: 4.59 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Tgt Ion:166 Resp: 287515

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.8	115.2
167	14.5	10.8	16.2



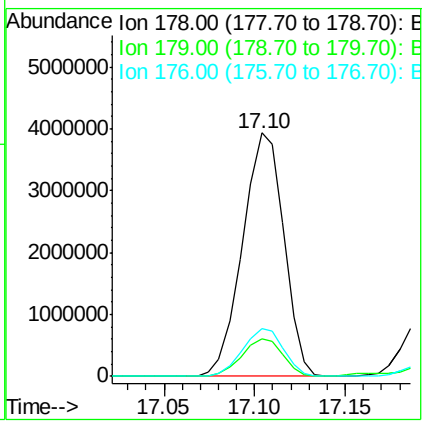


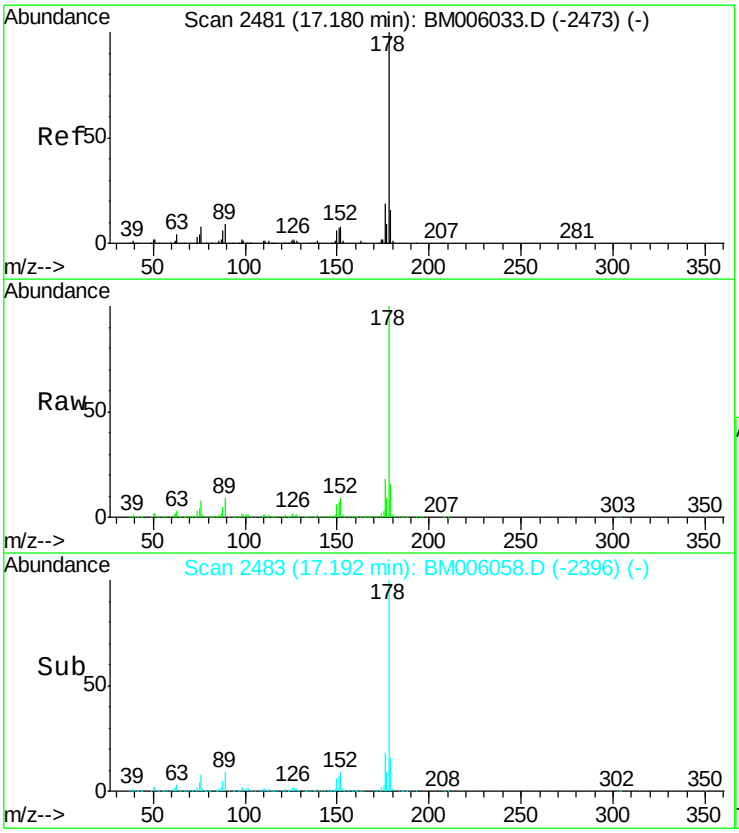
#25
Phenanthrene
Concen: 66.97 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Instrument :
BNA_M
ClientSampleId :
D9YA5MSD

Tgt Ion:178 Resp: 6220946

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	19.7	15.4	23.0

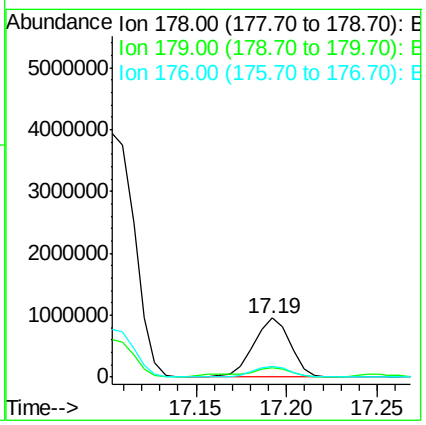


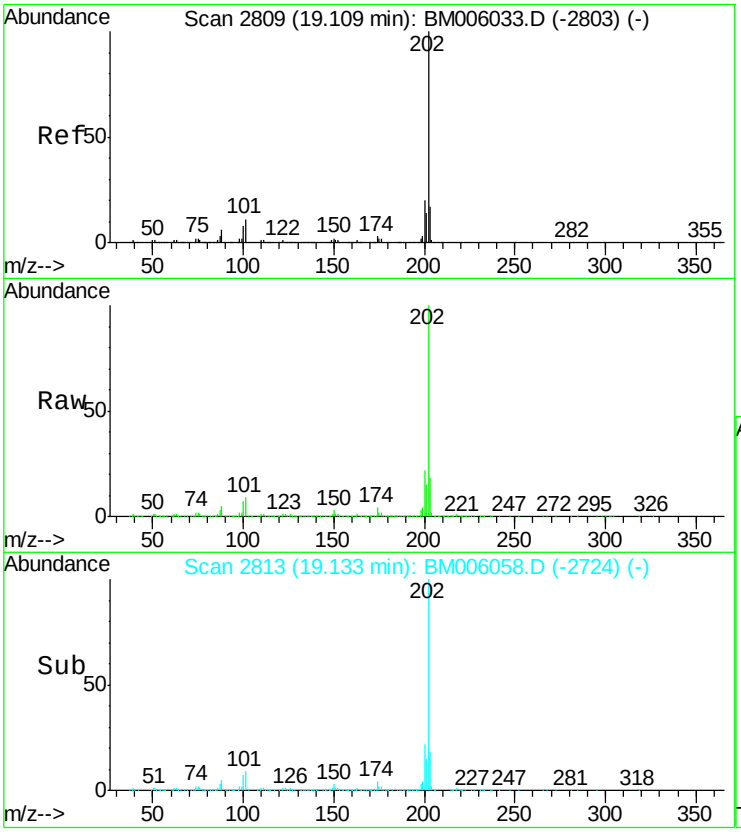


#27
Anthracene
Concen: 14.00 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Tgt Ion:178 Resp: 1342690

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.5	14.9	22.3



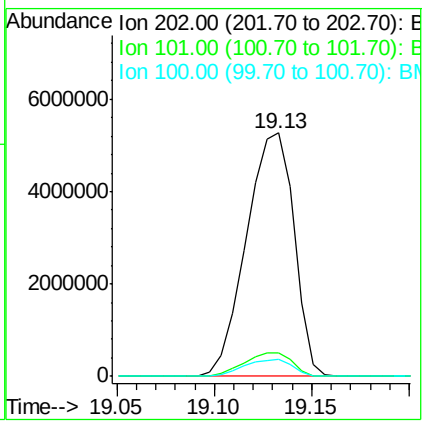


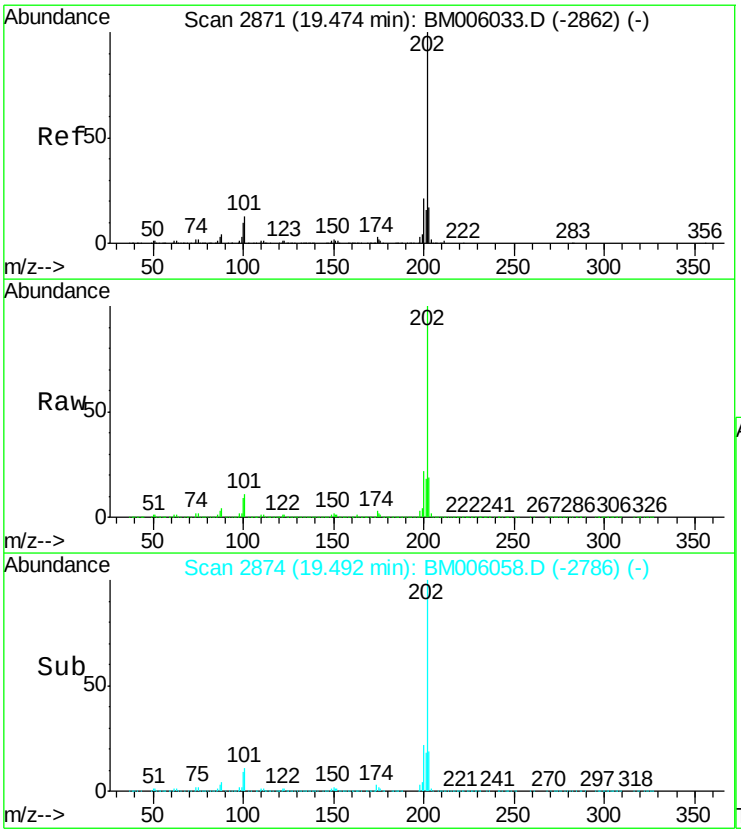
#28
Fluoranthene
Concen: 74.82 ng/ul
RT: 19.13 min Scan# 2813
Delta R.T. 0.02 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Instrument :
BNA_M
ClientSampleId :
D9YA5MSD

Tgt Ion:202 Resp: 8902211

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.2	12.4
100	6.9	6.3	9.5

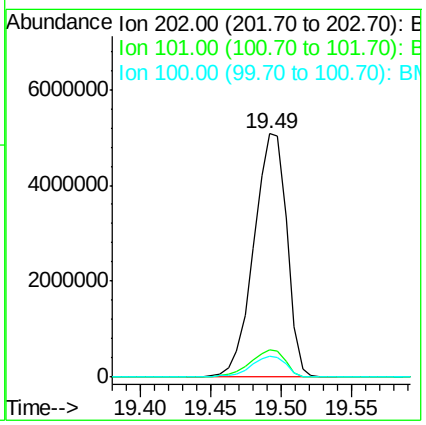


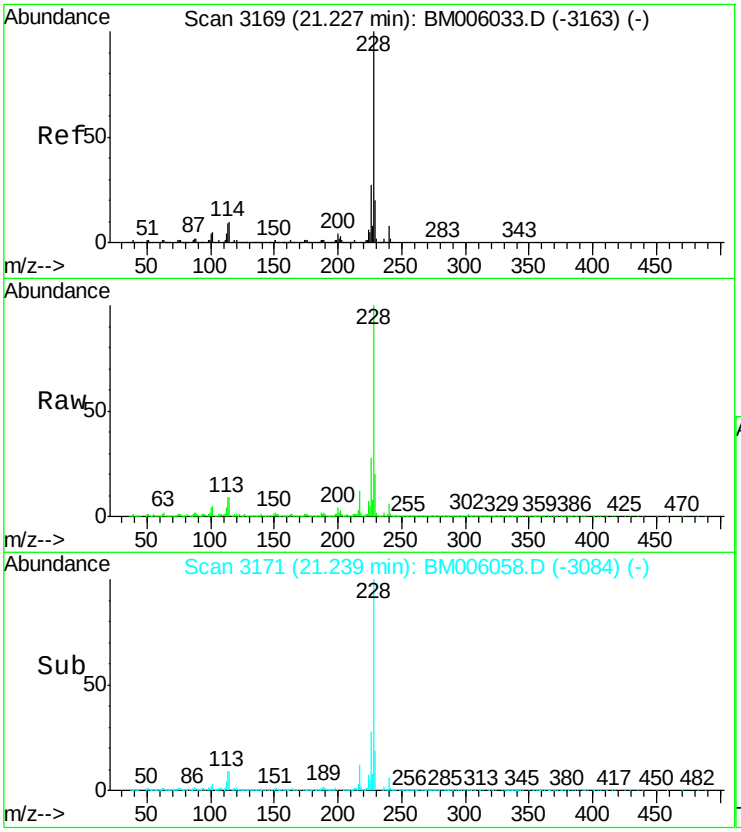


#31
Pyrene
Concen: 113.59 ng/ul
RT: 19.49 min Scan# 2874
Delta R.T. 0.02 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Tgt Ion:202 Resp: 8350267

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.6
100	8.8	8.2	12.2



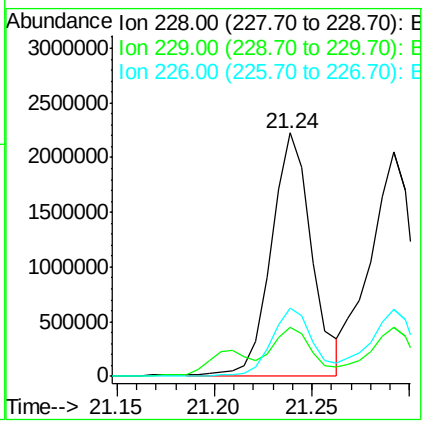


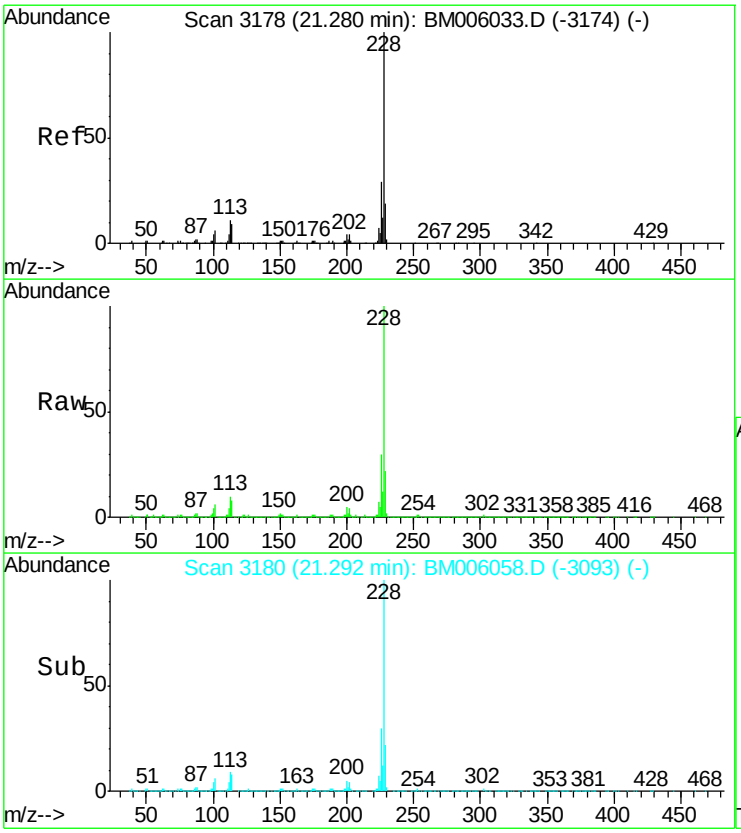
#32
Benzo(a)anthracene
Concen: 41.90 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Instrument :
BNA_M
ClientSampleId :
D9YA5MSD

Tgt Ion:228 Resp: 3196044

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	28.1	21.5	32.3

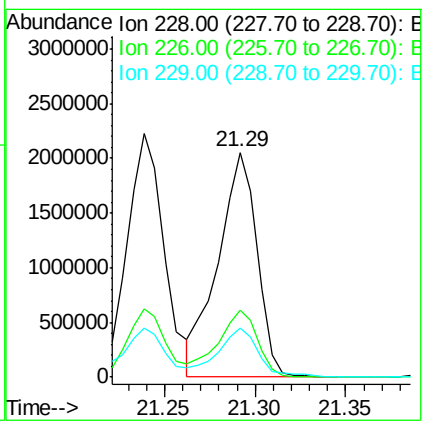


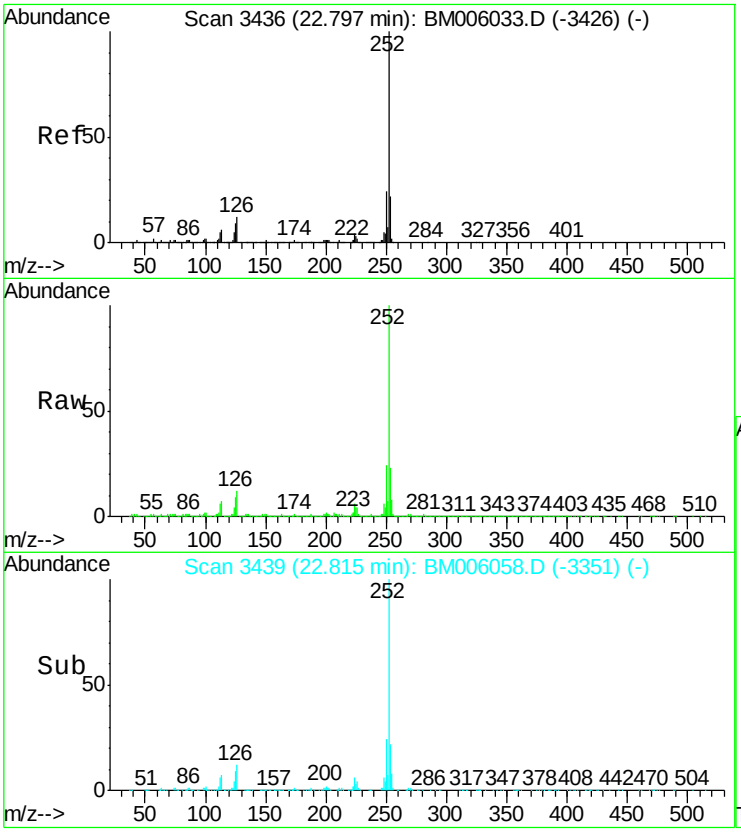


#33
Chrysene
Concen: 44.02 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Tgt Ion:228 Resp: 3067677

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	21.8	15.4	23.2



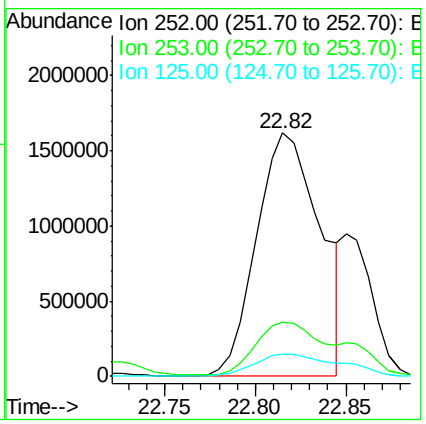


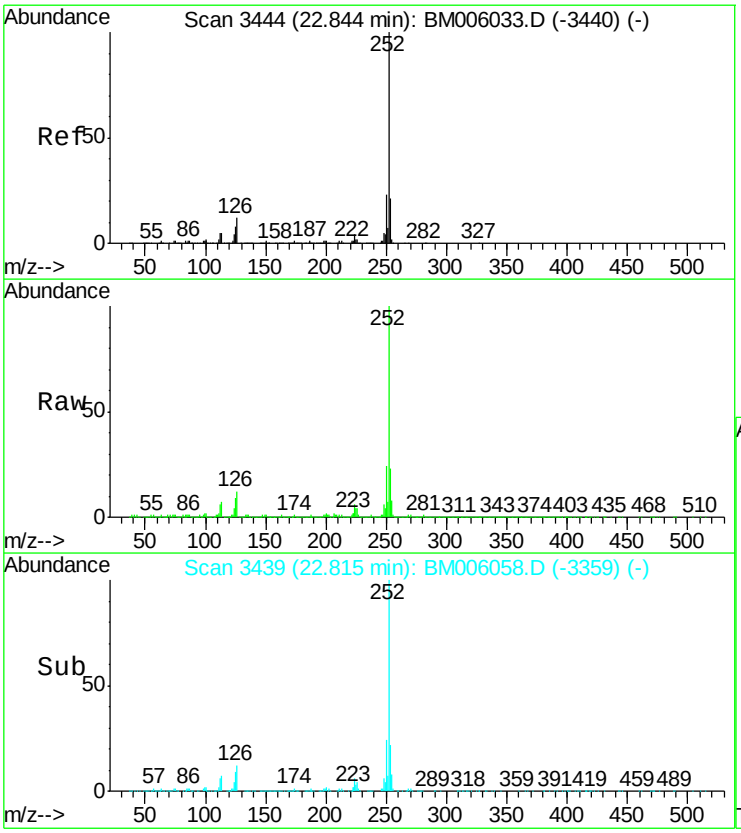
#35
Benzo(b)fluoranthene
Concen: 56.55 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Instrument :
BNA_M
ClientSampleId :
D9YA5MSD

Tgt Ion:252 Resp: 3943325

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	9.2	6.8	10.2

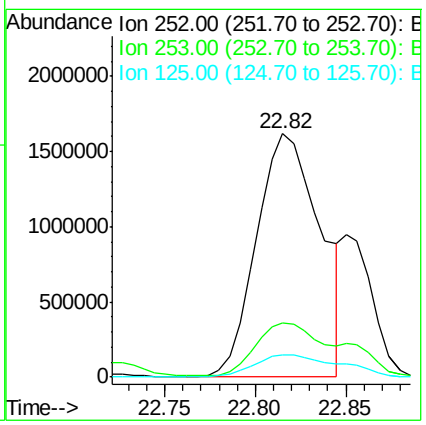


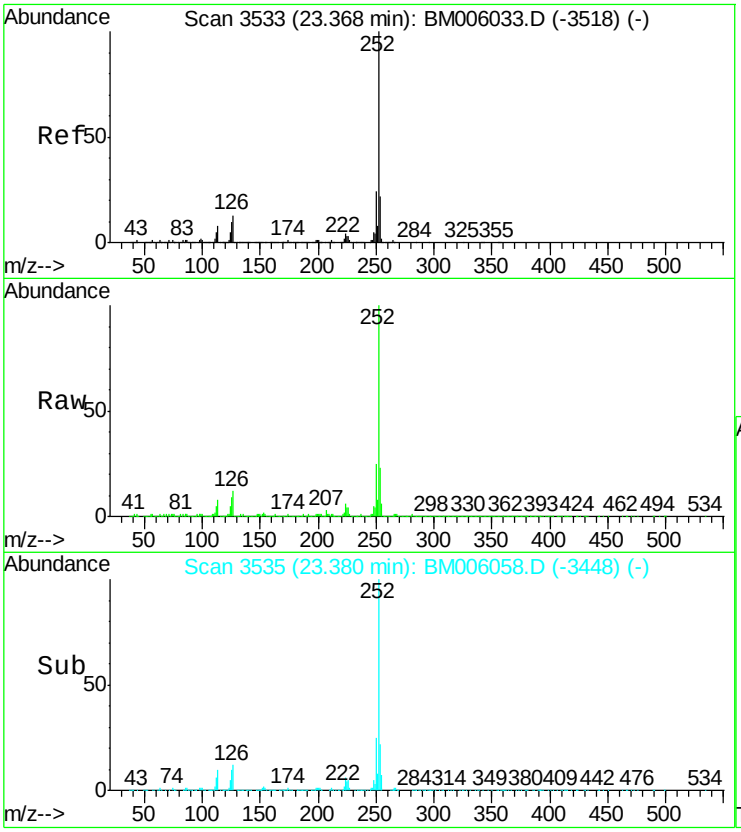


#36
Benzo(k)fluoranthene
Concen: 60.79 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. -0.03 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Tgt Ion:252 Resp: 3943325

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.2	7.0	10.4



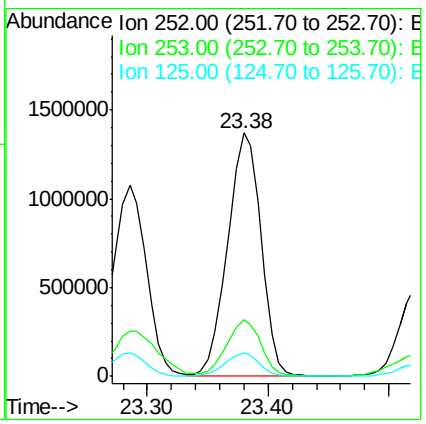


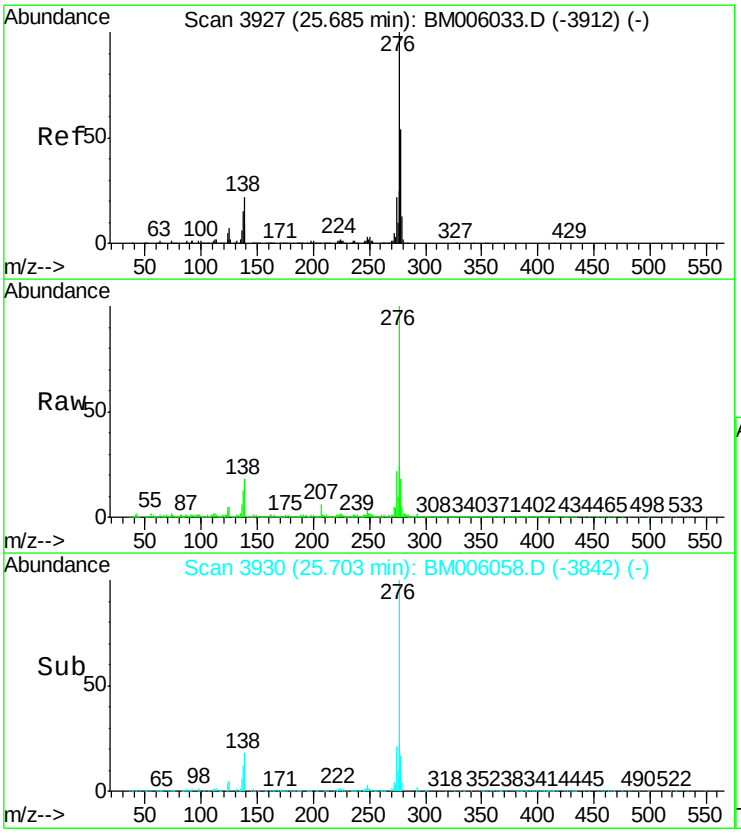
#38
Benzo(a)pyrene
Concen: 39.38 ng/ul
RT: 23.38 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Instrument :
BNA_M
ClientSampleId :
D9YA5MSD

Tgt Ion:252 Resp: 2632686

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.5	7.8	11.6

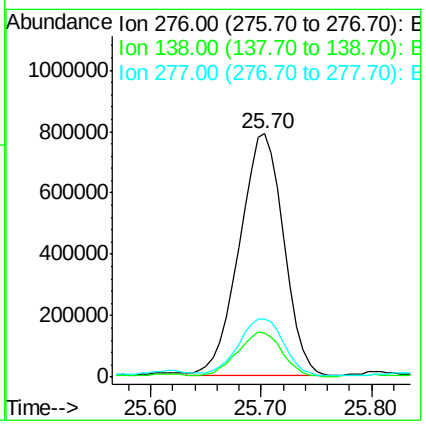


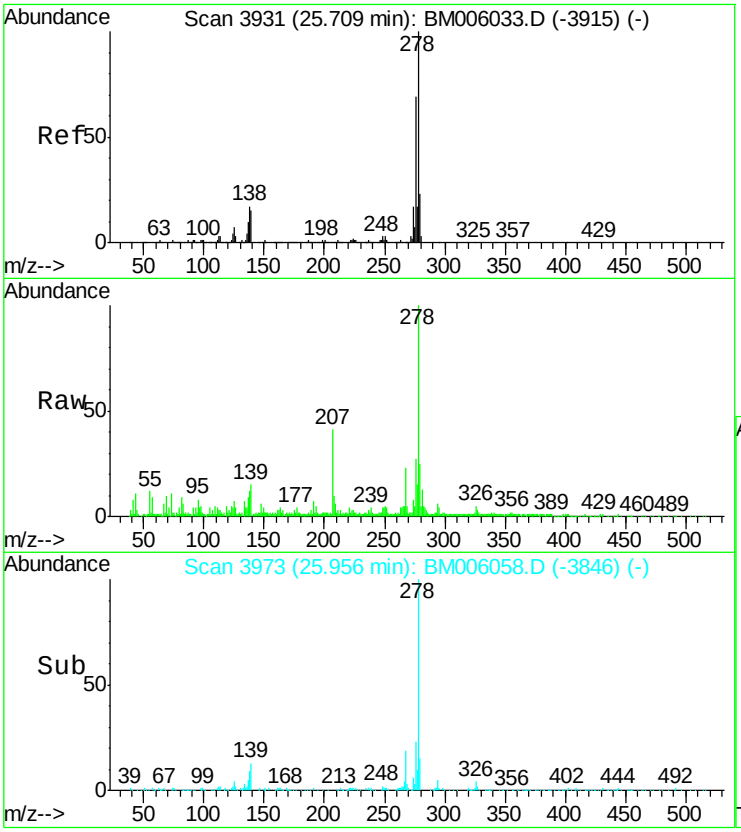


#39
Indeno(1,2,3-cd)pyrene
Concen: 27.77 ng/ul
RT: 25.70 min Scan# 3930
Delta R.T. 0.02 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Tgt Ion:276 Resp: 2213737

Ion	Ratio	Lower	Upper
276	100		
138	18.0	16.6	25.0
277	24.0	19.6	29.4



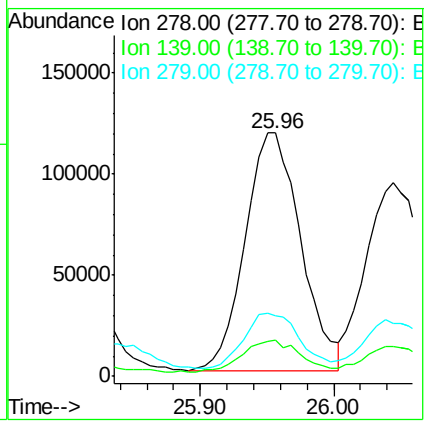


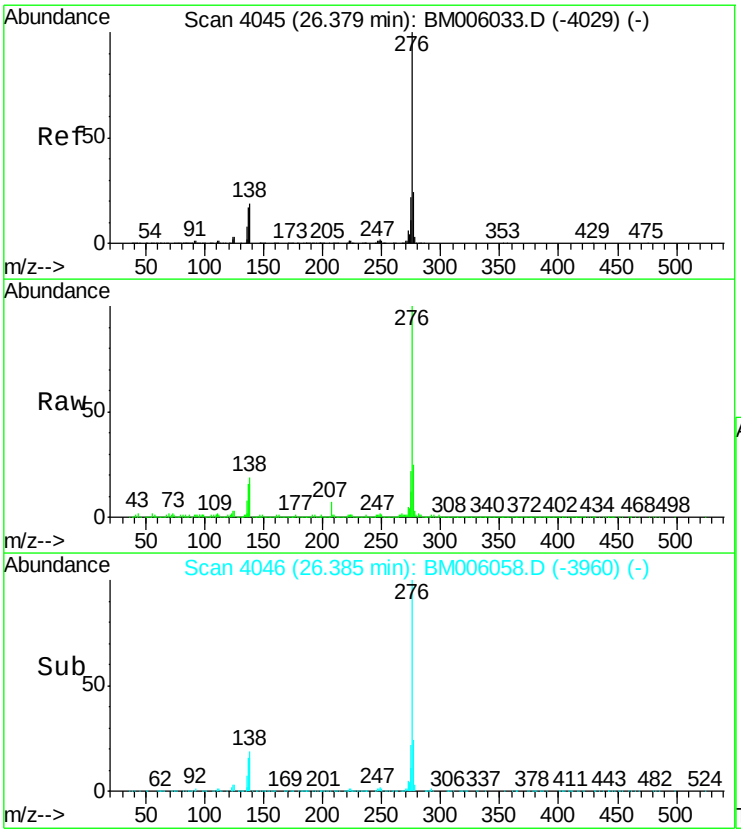
#40
Dibenzo(a,h)anthracene
Concen: 5.10 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. 0.25 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Instrument :
BNA_M
ClientSampleId :
D9YA5MSD

Tgt Ion:278 Resp: 338201

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.4	17.2
279	25.1	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 34.05 ng/ul
RT: 26.39 min Scan# 4046
Delta R.T. 0.01 min
Lab File: BM006058.D
Acq: 27 Jun 2016 02:23

Tgt Ion:276 Resp: 2347250

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.9	23.9
277	24.6	19.2	28.8