Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006061.D
Acq On : 27 Jun 2016 04:11
Operator : UM/SJ
Sample : H3670-21 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YA3

Quant Time: Jun 27 05:20:40 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	281470	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1339055	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	782053	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1767580	20.00	ng/ul	0.01
29) Chrysene-d12	21.26	240	1347486	20.00	ng/ul	0.01
34) Perylene-d12	23.48	264	1302364	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	5570	0.88	ng/uL	0.00
3) Phenol-d5	6.83	99	256123	8.65	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	166344	10.10	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	200678	9.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	170873	6.84	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	106343	10.43	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	111215	9.80	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	215805	9.92	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	202852	8.59	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	684788	10.23	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	878336	11.31	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	88623	6.21	ng/ul	0.01
21) Fluorene-d10	15.30	176	614854	10.76	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	19961	2.03	ng/ul	0.01
26) Anthracene-d10	17.16	188	934608	11.51	ng/ul	0.00
30) Pyrene-d10	19.46	212	910493	15.42	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.34	264	673455	11.45	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	216682	3.24	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	64129	1.19	ng/ul	95
14) 1-Methylnaphthalene	12.33	142	55029	1.07	ng/ul	97
18) Acenaphthylene	14.03	152	367009	4.48	ng/ul	99
19) Acenaphthene	14.37	153	268824	5.17	ng/ul	98
22) Fluorene	15.36	166	314212	5.02	ng/ul	96
25) Phenanthrene	17.11	178	5944061	62.52	ng/ul	99
27) Anthracene	17.19	178	1465899	14.93	ng/ul	100
28) Fluoranthene	19.13	202	8605428	70.66	ng/ul	97
31) Pyrene	19.50	202	7780533	100.86	ng/ul	96
32) Benzo(a)anthracene	21.24	228	3377690	42.20	ng/ul	96
33) Chrysene	21.30	228	3231289	44.19	ng/ul	98
35) Benzo(b)fluoranthene	22.82	252	4014201	53.05	ng/ul	97
36) Benzo(k)fluoranthene	22.82	252	4014201	57.03	ng/ul	98
38) Benzo(a)pyrene	23.39	252	2849476	39.27	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.71	276	2425448	28.04	ng/ul	97
40) Dibenzo(a,h)anthracene	25.96	278	392727	5.46	ng/ul	94
41) Benzo(g,h,i)perylene	26.40	276	2548743	34.07	ng/ul	99

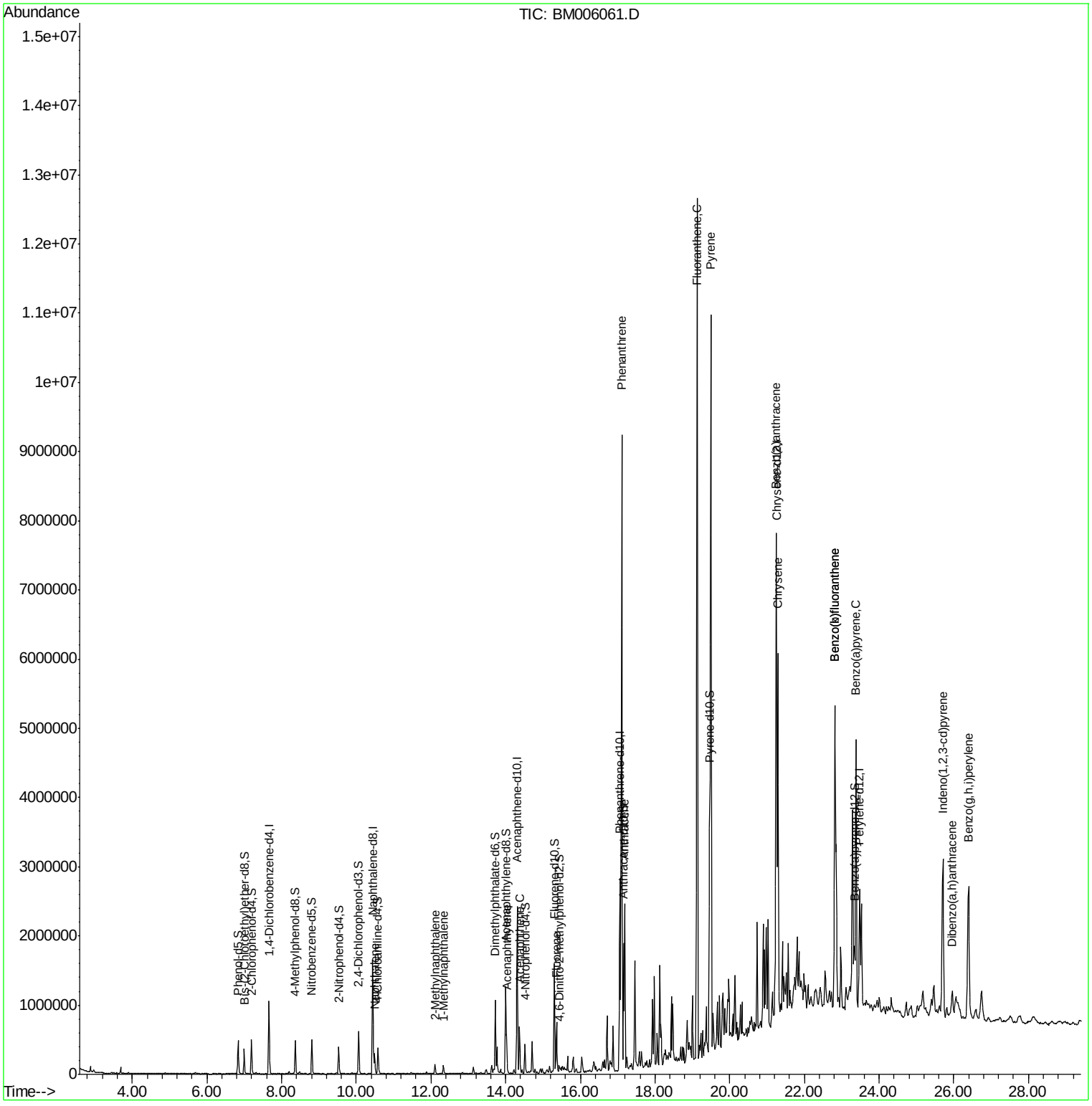
(#) = qualifier out of range (m) = manual integration (+) = signals summed

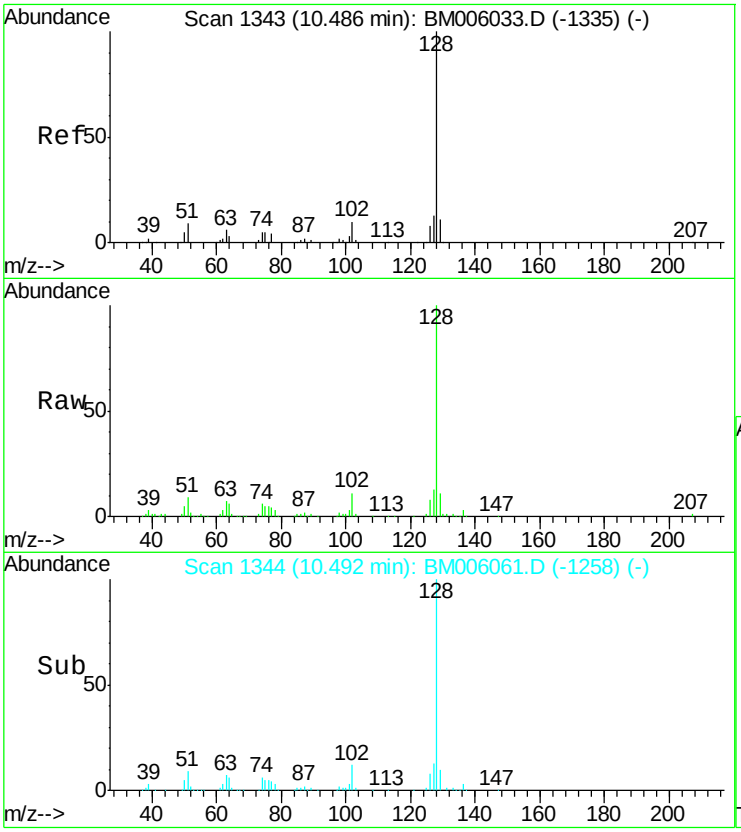
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006061.D
Acq On : 27 Jun 2016 04:11
Operator : UM/SJ
Sample : H3670-21 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YA3

Quant Time: Jun 27 05:20:40 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



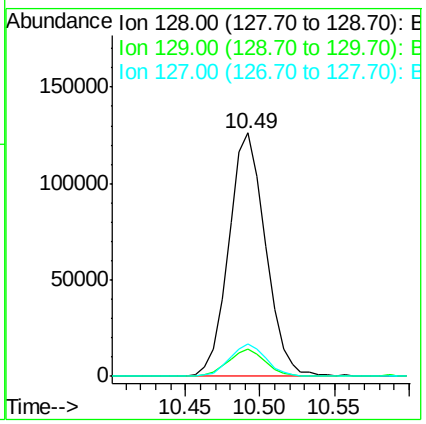


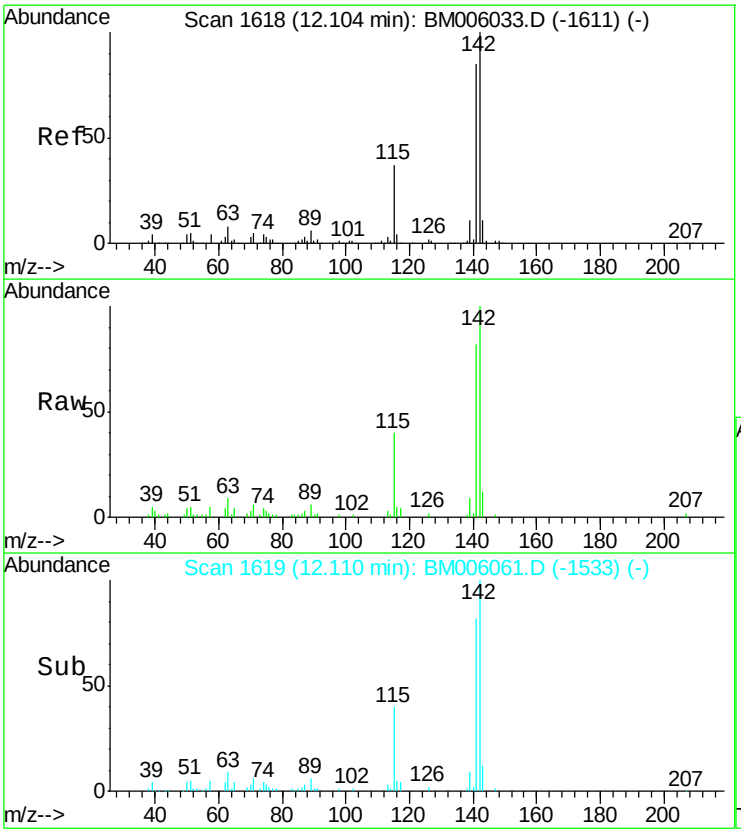
#11
Naphthalene
Concen: 3.24 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Instrument :
BNA_M
ClientSampleId :
D9YA3

Tgt Ion:128 Resp: 216682

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.2	10.2	15.4

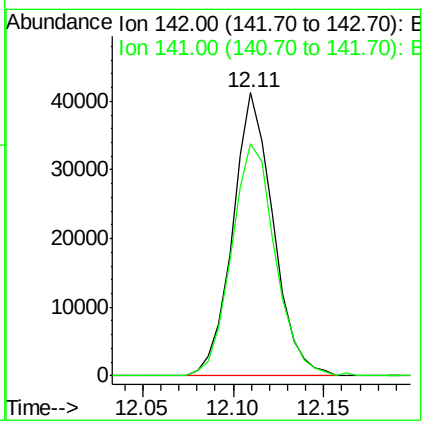


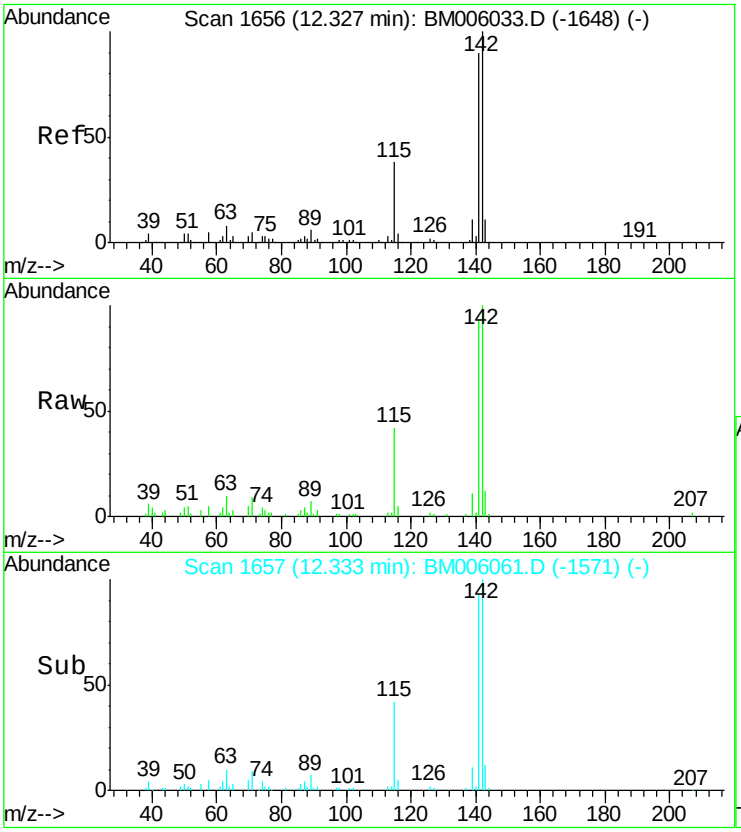


#13
2-Methylnaphthalene
Concen: 1.19 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Tgt Ion:142 Resp: 64129

Ion	Ratio	Lower	Upper
142	100		
141	82.1	69.4	104.2



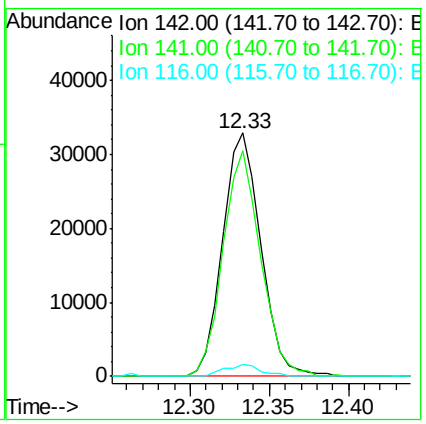


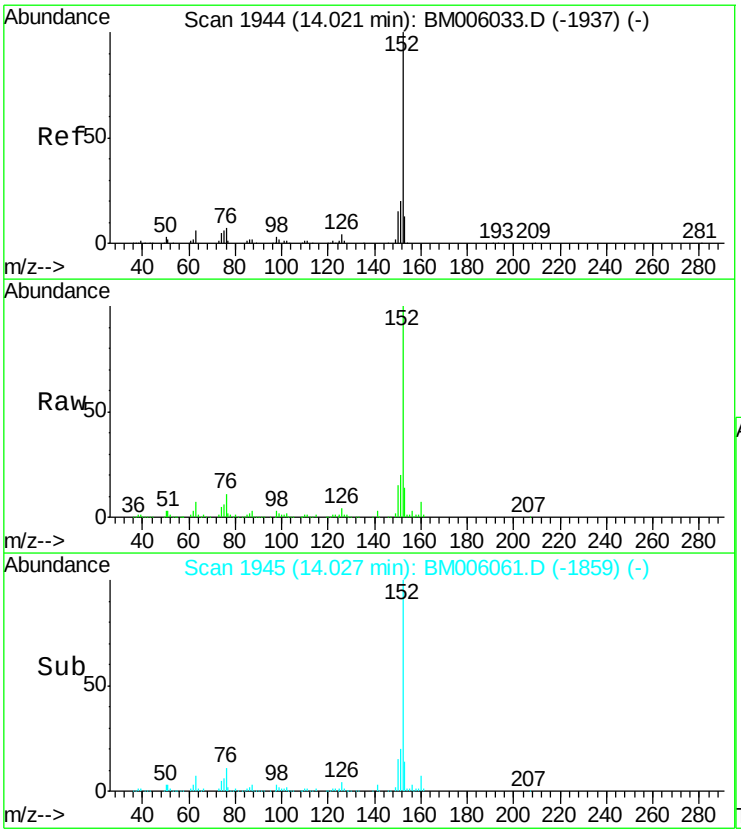
#14
1-Methylnaphthalene
Concen: 1.07 ng/ul
RT: 12.33 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Instrument :
BNA_M
ClientSampleId :
D9YA3

Tgt Ion:142 Resp: 55029

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.3	108.5
116	4.9	3.4	5.0

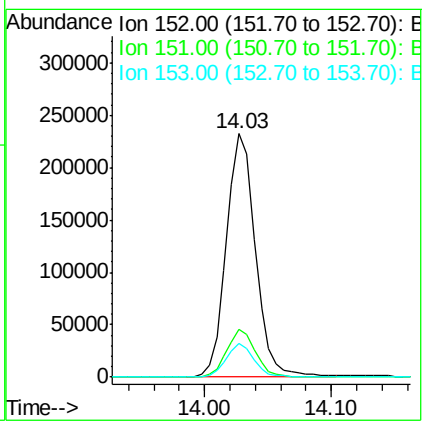


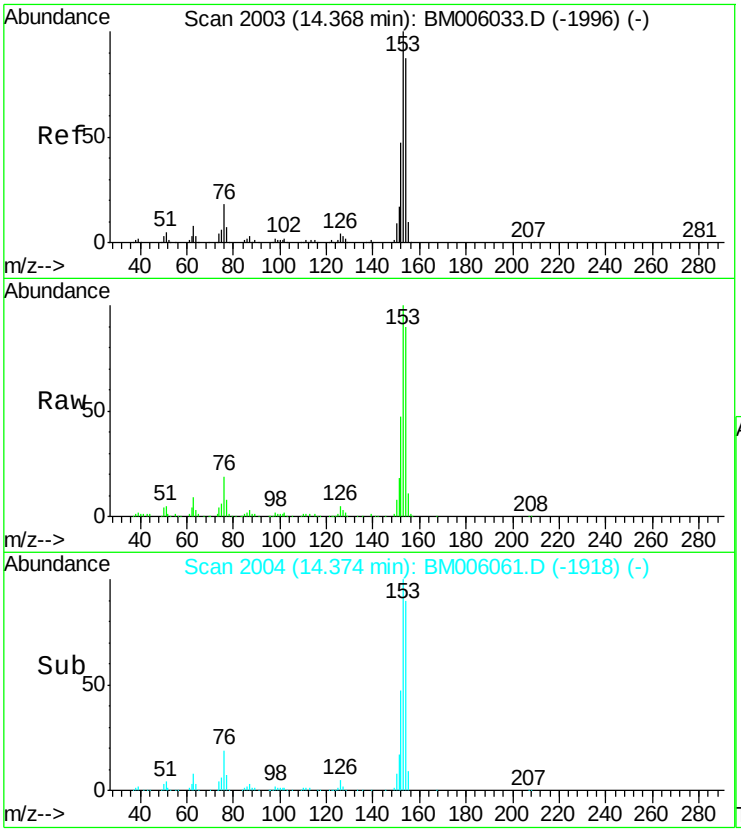


#18
Acenaphthylene
Concen: 4.48 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Tgt Ion:152 Resp: 367009

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.8	10.5	15.7



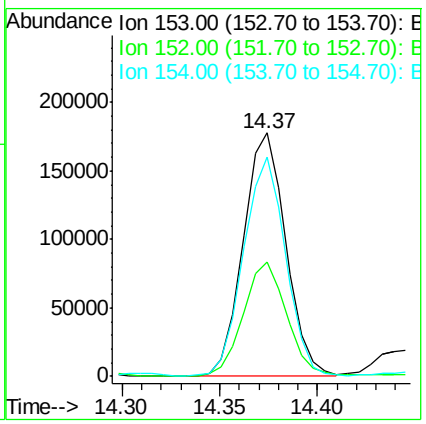


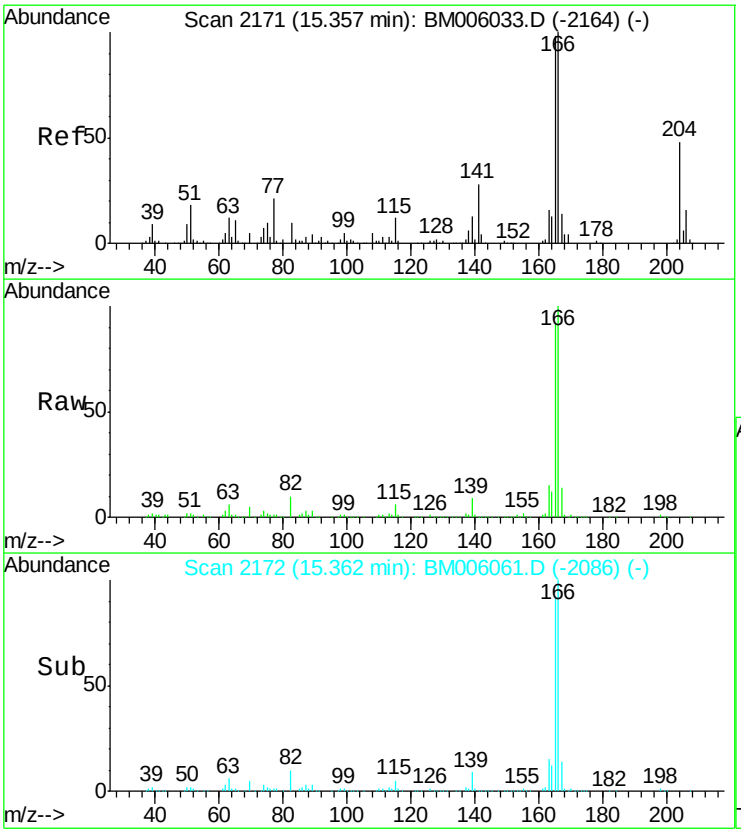
#19
Acenaphthene
Concen: 5.17 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Instrument :
BNA_M
ClientSampleId :
D9YA3

Tgt Ion:153 Resp: 268824

Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.6	57.8
154	89.9	70.7	106.1

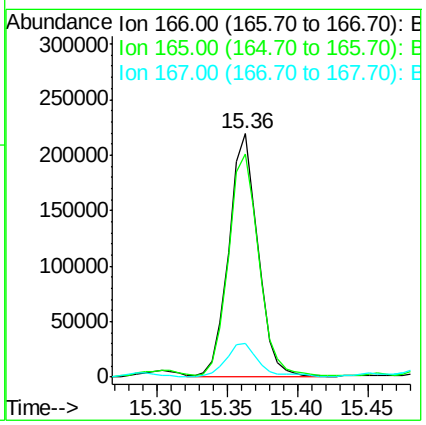


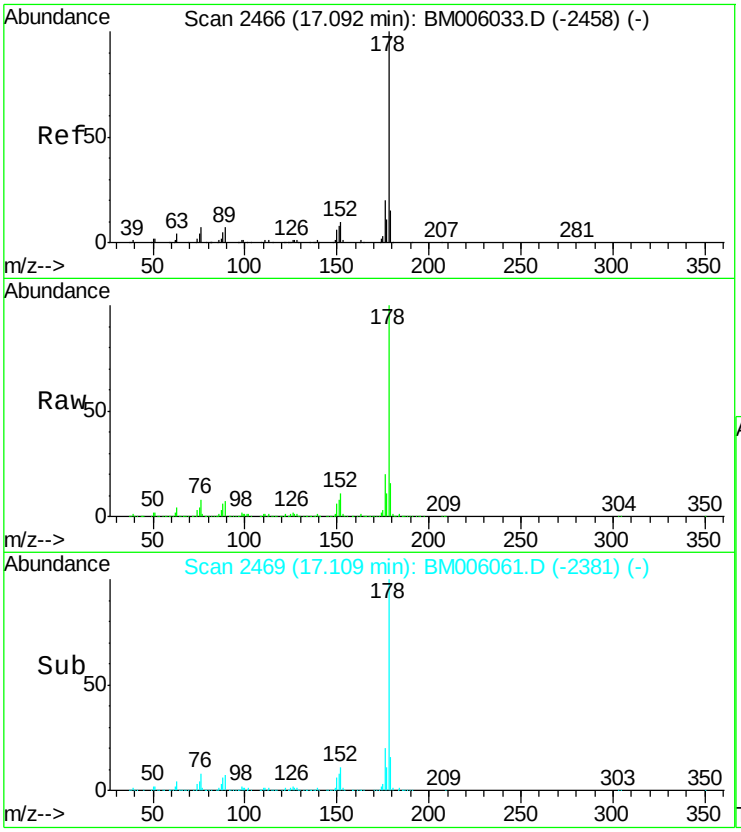


#22
Fluorene
Concen: 5.02 ng/ul
RT: 15.36 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Tgt Ion:166 Resp: 314212

Ion	Ratio	Lower	Upper
166	100		
165	91.7	76.8	115.2
167	13.7	10.8	16.2



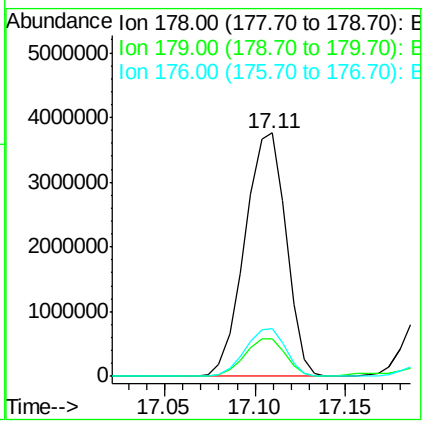


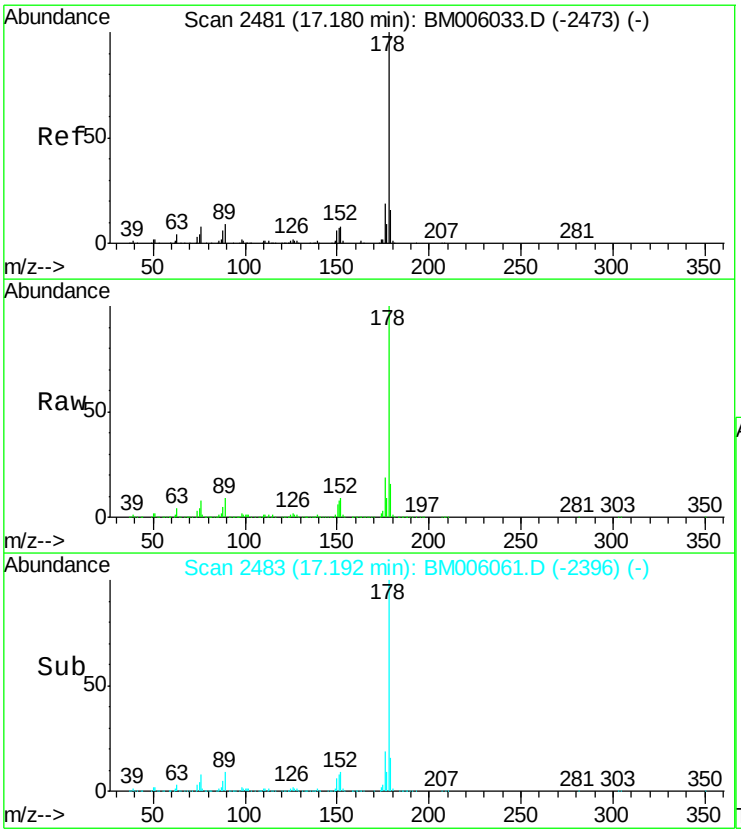
#25
Phenanthrene
Concen: 62.52 ng/ul
RT: 17.11 min Scan# 2469
Delta R.T. 0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Instrument :
BNA_M
ClientSampleId :
D9YA3

Tgt Ion:178 Resp: 5944061

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	19.8	15.4	23.0

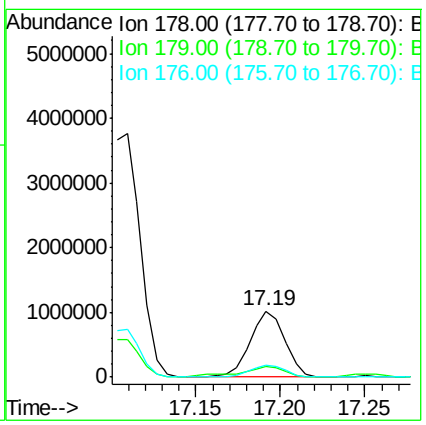


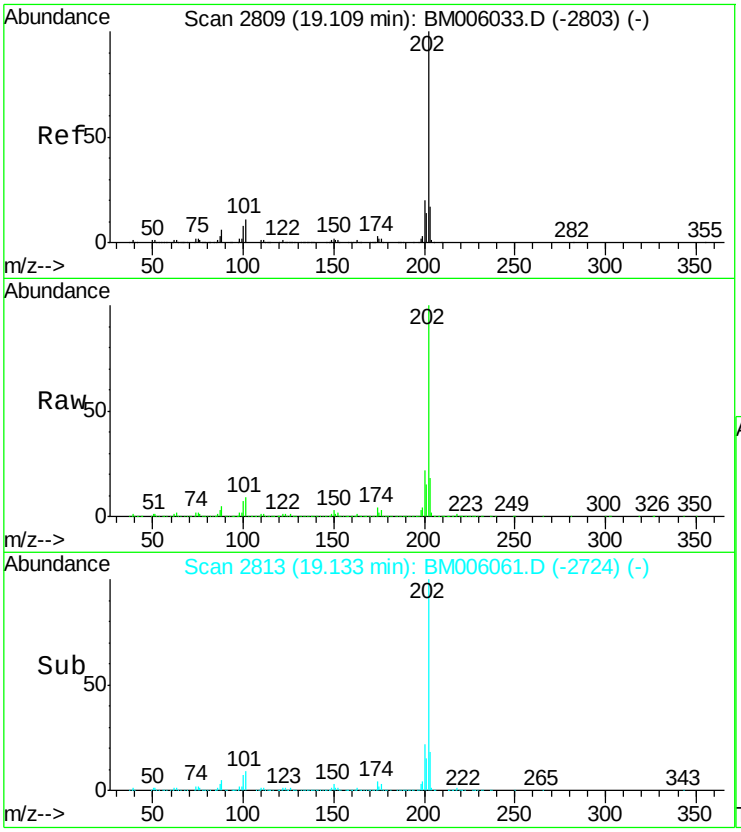


#27
Anthracene
Concen: 14.93 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Tgt Ion:178 Resp: 1465899

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.7	14.9	22.3



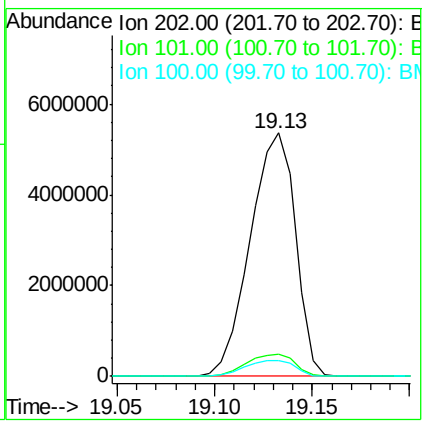


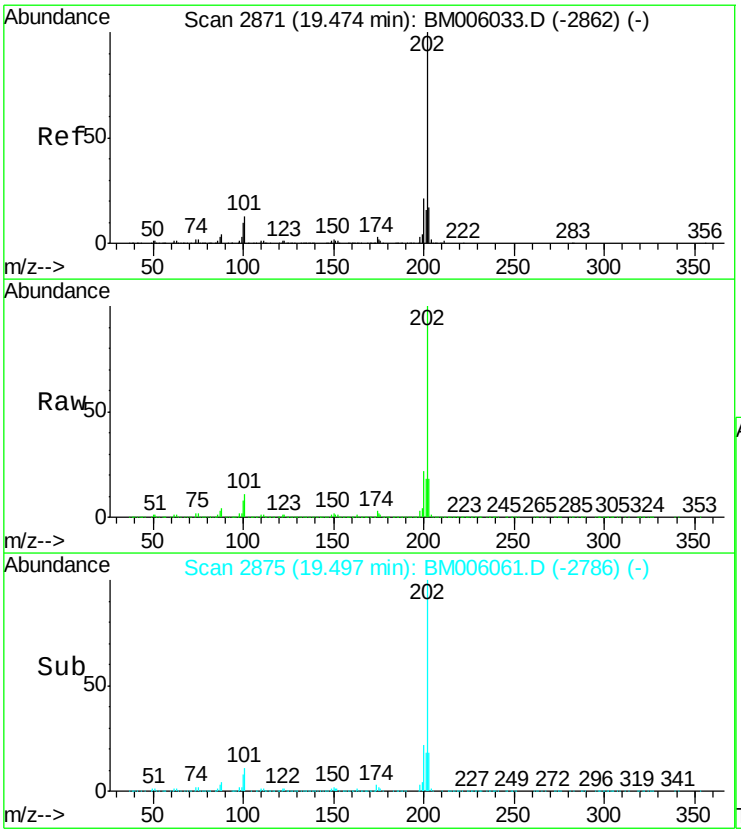
#28
Fluoranthene
Concen: 70.66 ng/ul
RT: 19.13 min Scan# 2813
Delta R.T. 0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Instrument :
BNA_M
ClientSampleId :
D9YA3

Tgt Ion:202 Resp: 8605428

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.2	12.4
100	6.7	6.3	9.5

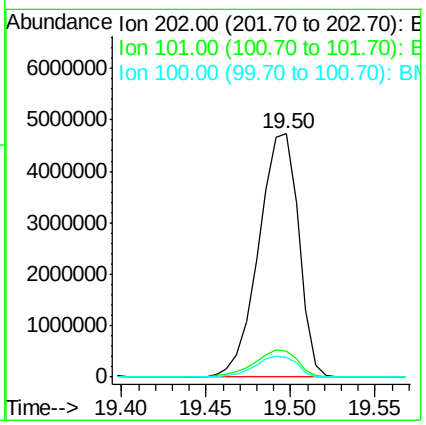


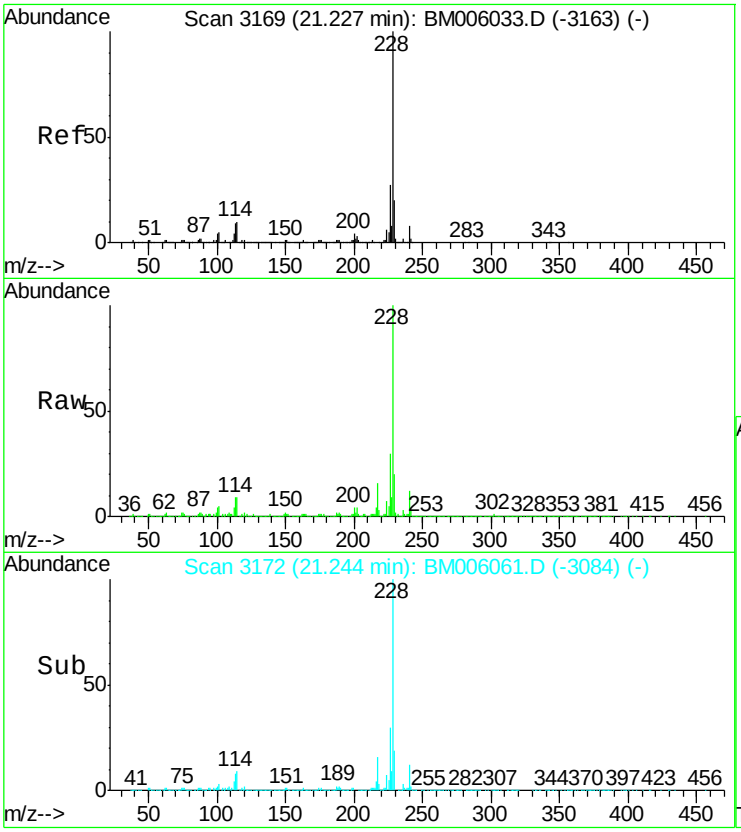


#31
Pyrene
Concen: 100.86 ng/ul
RT: 19.50 min Scan# 2875
Delta R.T. 0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Tgt Ion:202 Resp: 7780533

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.6
100	8.3	8.2	12.2



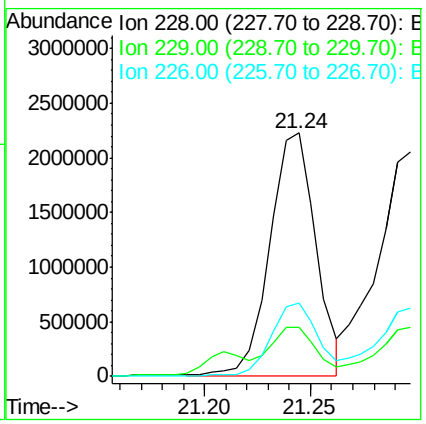


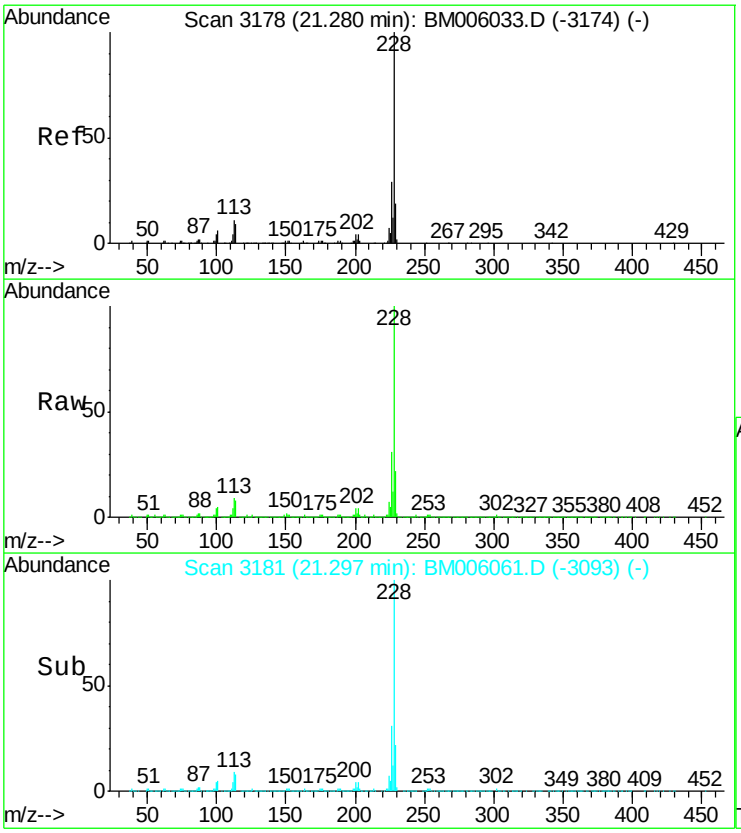
#32
Benzo(a)anthracene
Concen: 42.20 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. 0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Instrument :
BNA_M
ClientSampleId :
D9YA3

Tgt Ion:228 Resp: 3377690

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	30.1	21.5	32.3

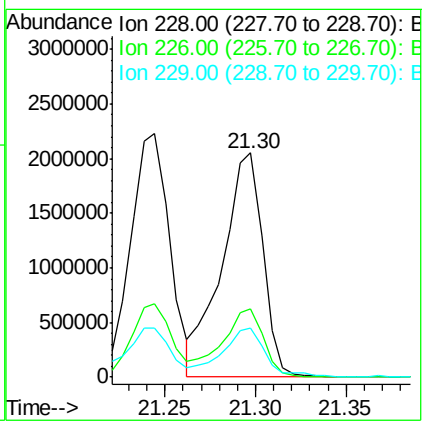


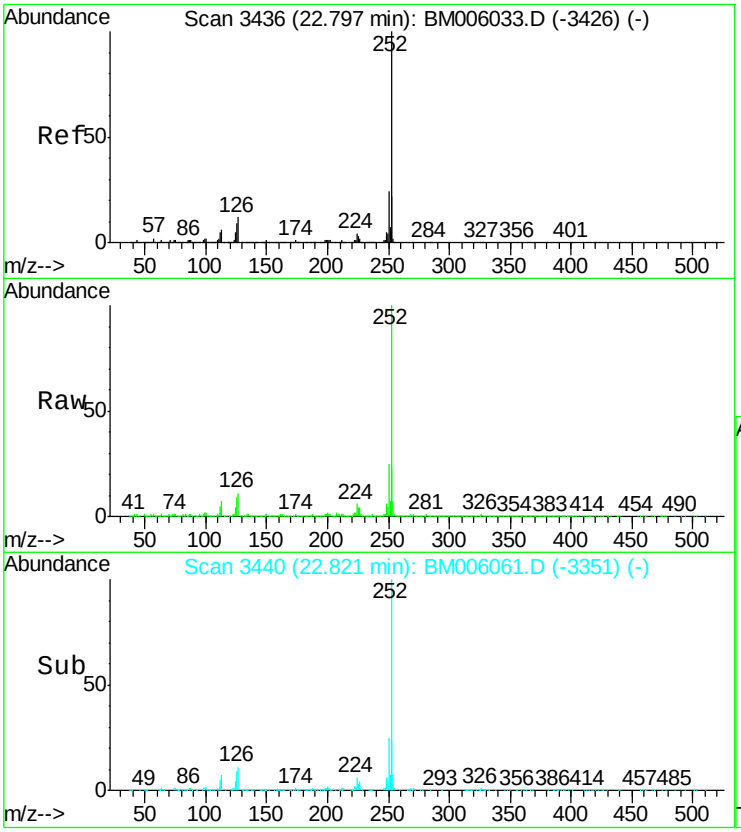


#33
Chrysene
Concen: 44.19 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Tgt Ion:228 Resp: 3231289

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	21.7	15.4	23.2



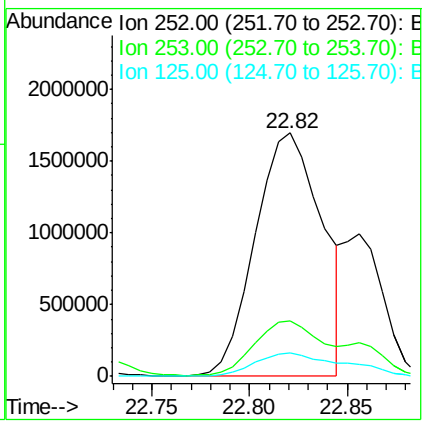


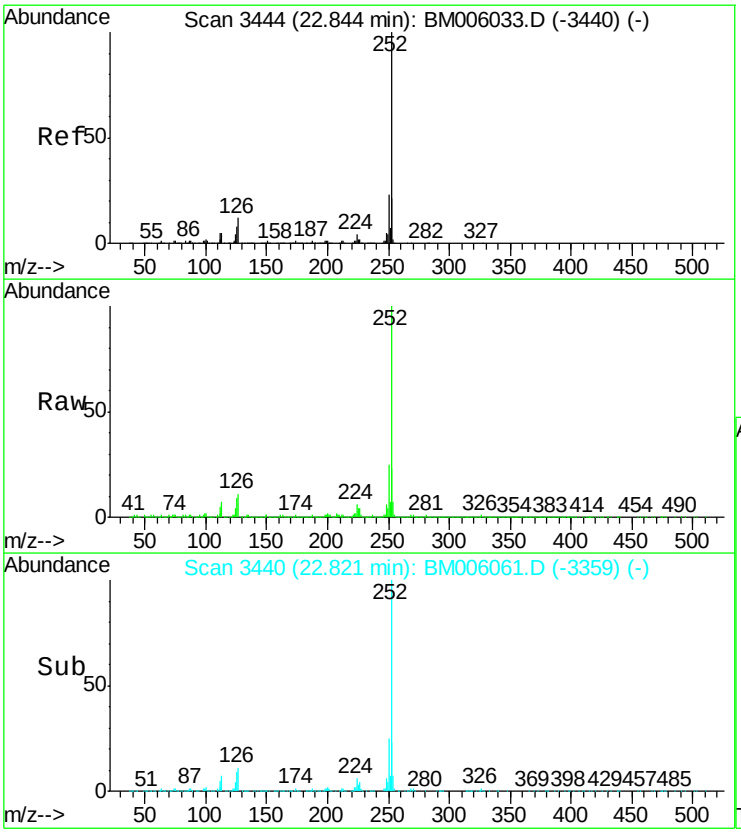
#35
Benzo(b)fluoranthene
Concen: 53.05 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. 0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Instrument :
BNA_M
ClientSampleId :
D9YA3

Tgt Ion:252 Resp: 4014201

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	9.5	6.8	10.2

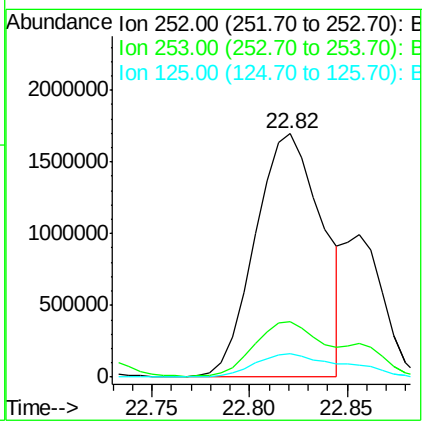


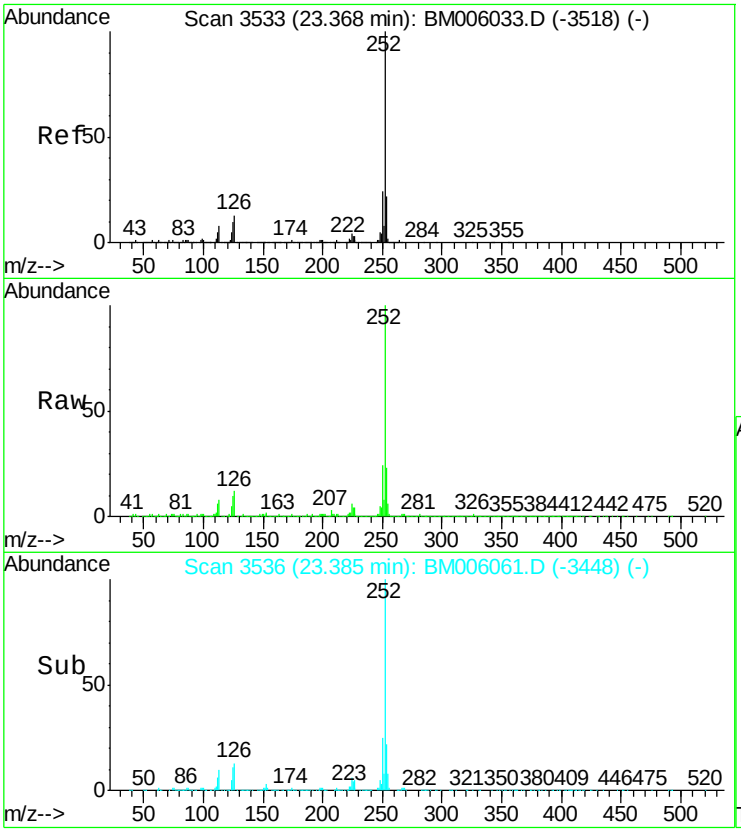


#36
Benzo(k)fluoranthene
Concen: 57.03 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. -0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Tgt Ion:252 Resp: 4014201

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	9.5	7.0	10.4



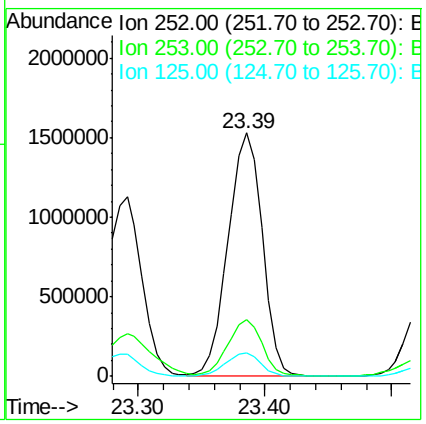


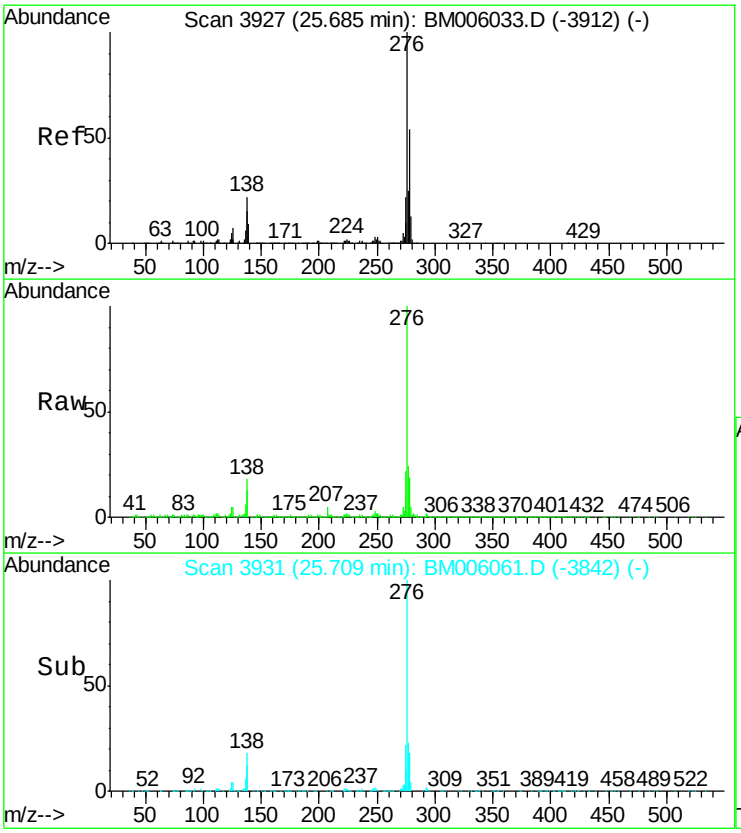
#38
Benzo(a)pyrene
Concen: 39.27 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. 0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Instrument :
BNA_M
ClientSampleId :
D9YA3

Tgt Ion:252 Resp: 2849476

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.6	7.8	11.6

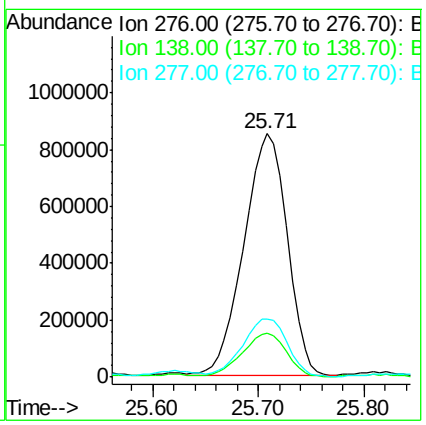


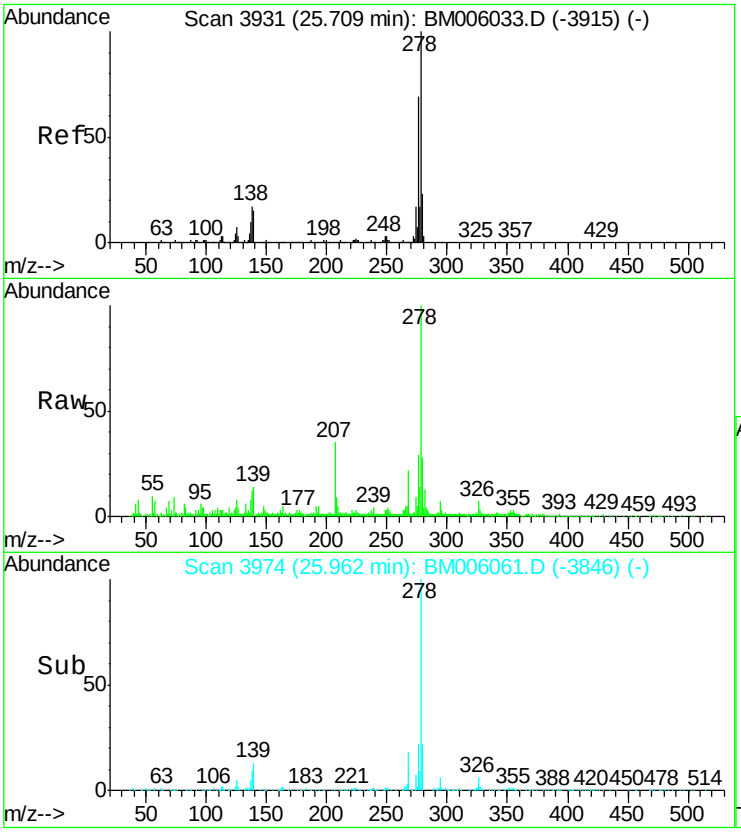


#39
Indeno(1,2,3-cd)pyrene
Concen: 28.04 ng/ul
RT: 25.71 min Scan# 3931
Delta R.T. 0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Tgt Ion:276 Resp: 2425448

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.6	25.0
277	24.1	19.6	29.4



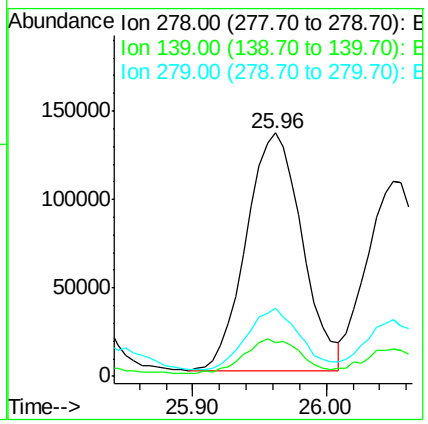


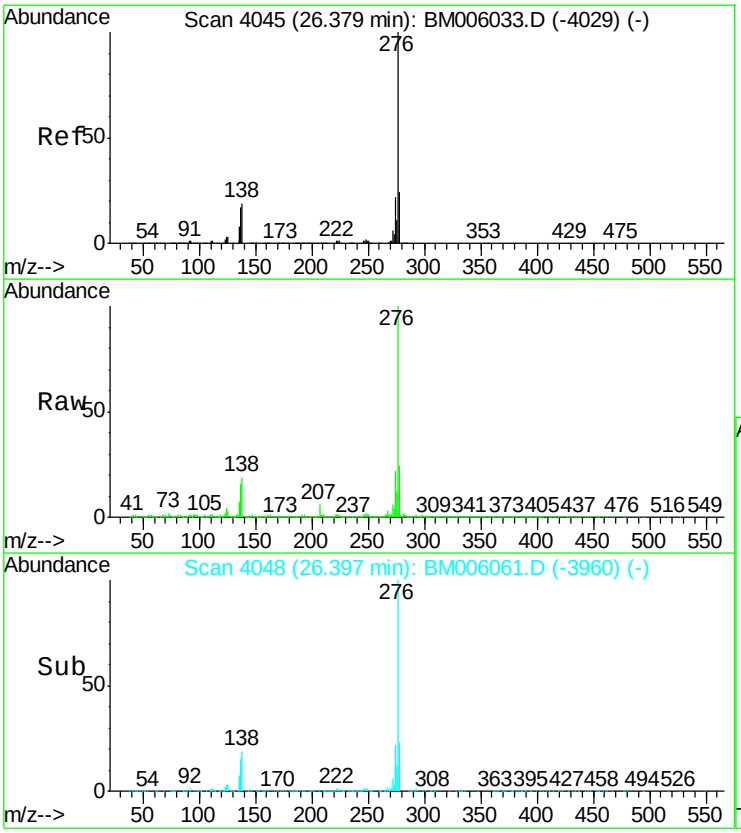
#40
Dibenzo(a,h)anthracene
Concen: 5.46 ng/ul
RT: 25.96 min Scan# 3974
Delta R.T. 0.25 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Instrument :
BNA_M
ClientSampleId :
D9YA3

Tgt Ion:278 Resp: 392727

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.4	17.2
279	28.0	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 34.07 ng/ul
RT: 26.40 min Scan# 4048
Delta R.T. 0.02 min
Lab File: BM006061.D
Acq: 27 Jun 2016 04:11

Tgt Ion:276 Resp: 2548743

Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.9	23.9
277	24.1	19.2	28.8