Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006056.D
Acq On : 27 Jun 2016 01:11
Operator : UM/SJ
Sample : H3671-11 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YA5

Quant Time: Jun 27 05:19:32 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	329214	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1574542	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	927602	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	2033979	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	1535079	20.00	ng/ul	0.01
34) Perylene-d12	23.47	264	1364762	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	4805	0.65	ng/uL	0.00
3) Phenol-d5	6.83	99	228846	6.61	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	161080	8.36	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	188965	7.83	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	118486	4.05	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	103471	8.63	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	107370	8.05	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	202087	7.90	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	110047	3.96	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	664418	8.37	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	850043	9.23	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	64599	3.81	ng/ul	0.01
21) Fluorene-d10	15.30	176	611011	9.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	27005	2.39	ng/ul	0.00
26) Anthracene-d10	17.16	188	921945	9.87	ng/ul	0.00
30) Pyrene-d10	19.46	212	912192	13.57	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.33	264	603593	9.80	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.49	128	96664	1.23	ng/ul	98
18) Acenaphthylene	14.03	152	128587	1.32	ng/ul	99
19) Acenaphthene	14.37	153	232005	3.76	ng/ul	98
22) Fluorene	15.36	166	234269	3.15	ng/ul	99
25) Phenanthrene	17.10	178	5242003	47.91	ng/ul	98
27) Anthracene	17.19	178	1157914	10.25	ng/ul	99
28) Fluoranthene	19.13	202	7768598	55.44	ng/ul	97
31) Pyrene	19.49	202	6855902	78.02	ng/ul	97
32) Benzo(a)anthracene	21.24	228	2708983	29.71	ng/ul	98
33) Chrysene	21.29	228	2538301	30.47	ng/ul	98
35) Benzo(b)fluoranthene	22.82	252	3100648	39.10	ng/ul	98
36) Benzo(k)fluoranthene	22.82	252	3100648	42.04	ng/ul	98
38) Benzo(a)pyrene	23.38	252	2140198	28.15	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.70	276	1802112	19.88	ng/ul	97
41) Benzo(g,h,i)perylene	26.38	276	1914049	24.42	ng/ul	99

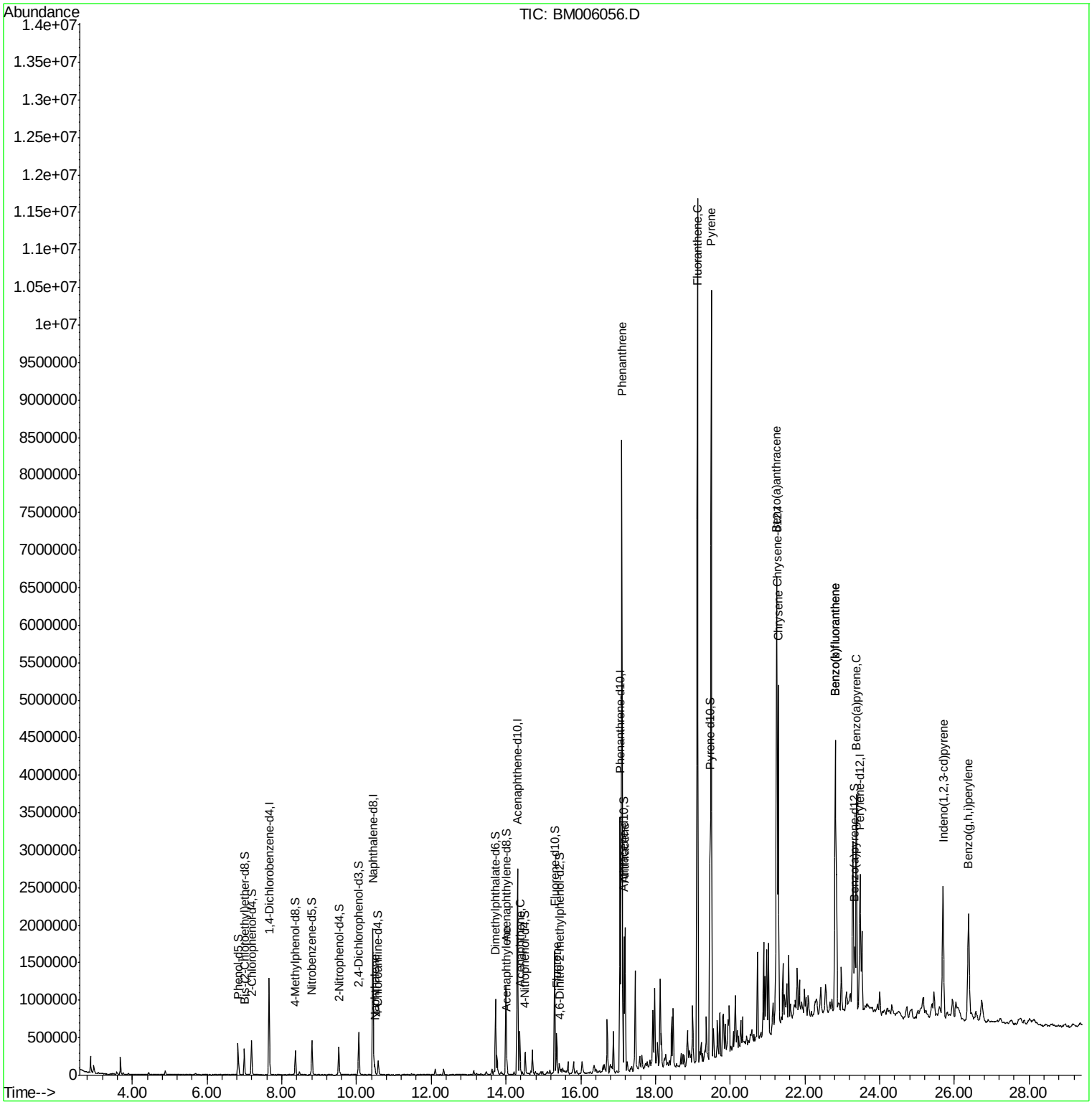
(#) = qualifier out of range (m) = manual integration (+) = signals summed

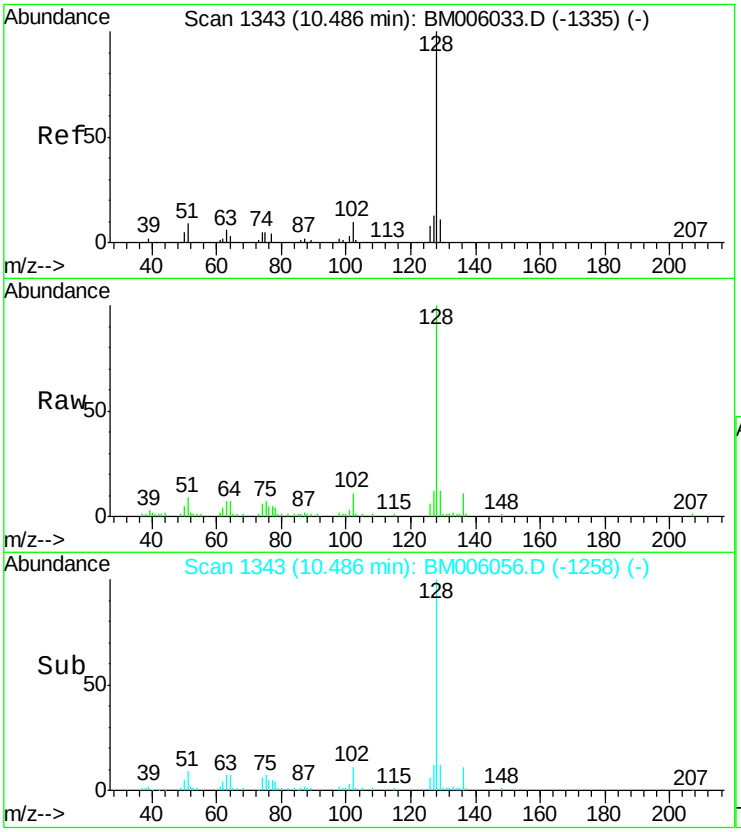
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006056.D
Acq On : 27 Jun 2016 01:11
Operator : UM/SJ
Sample : H3671-11 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YA5

Quant Time: Jun 27 05:19:32 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



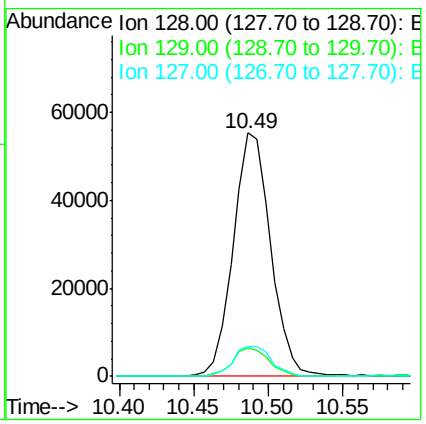


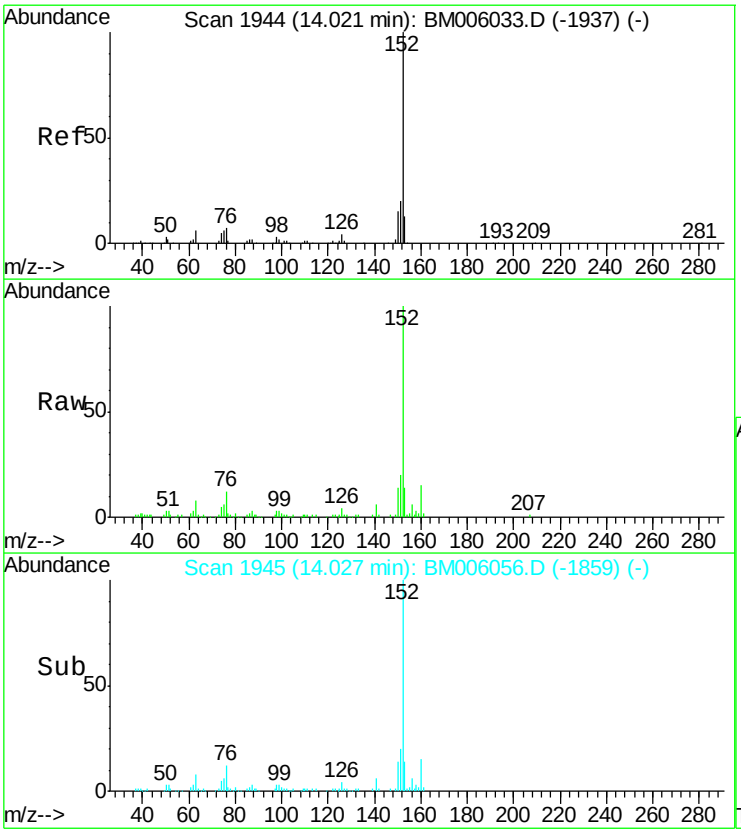
#11
Naphthalene
Concen: 1.23 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Instrument :
BNA_M
ClientSampleId :
D9YA5

Tgt Ion:128 Resp: 96664

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	12.2	10.2	15.4

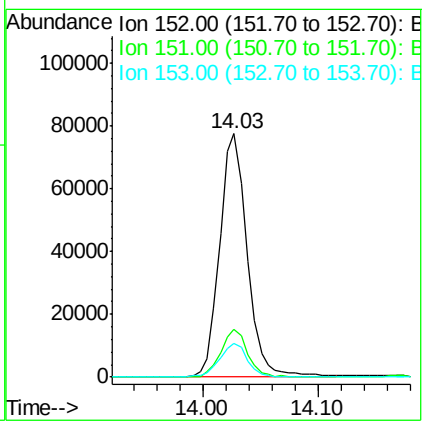


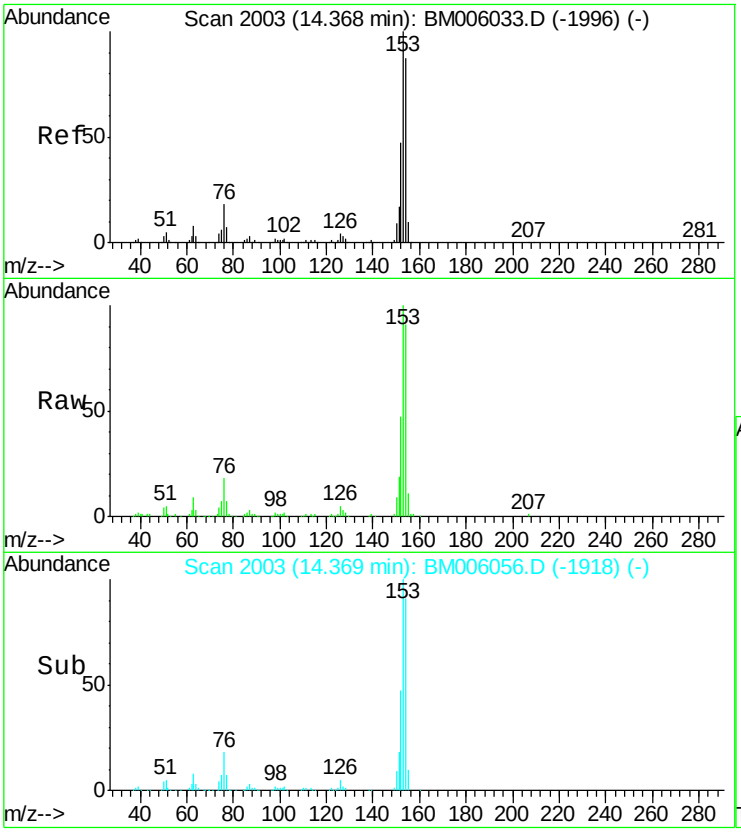


#18
Acenaphthylene
Concen: 1.32 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Tgt Ion:152 Resp: 128587

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.9	10.5	15.7



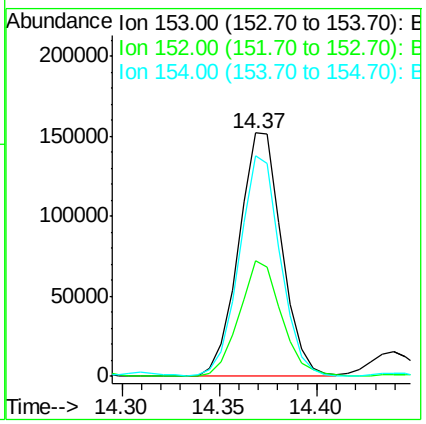


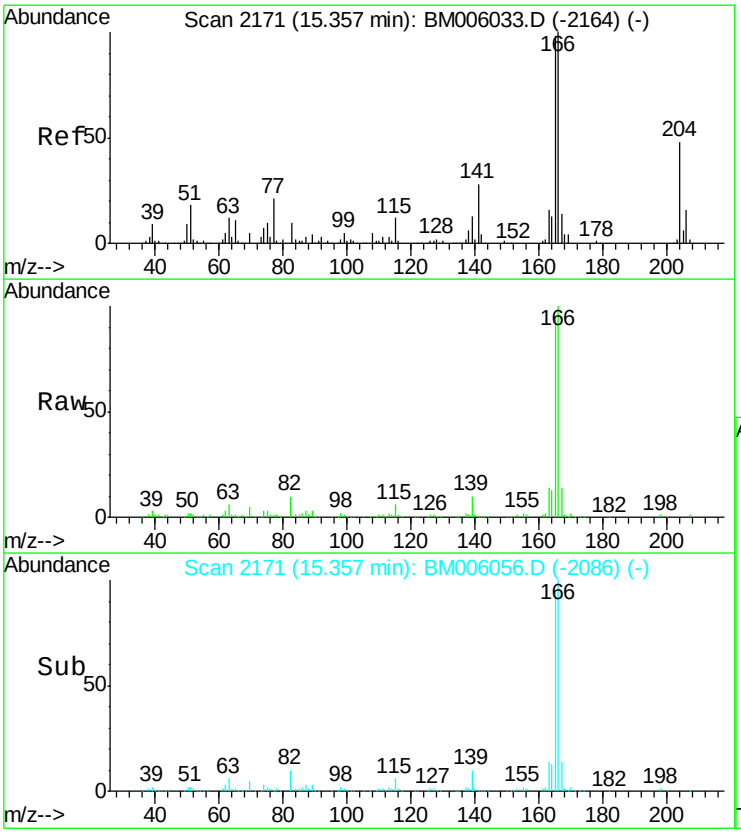
#19
Acenaphthene
Concen: 3.76 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Instrument :
BNA_M
ClientSampleId :
D9YA5

Tgt Ion:153 Resp: 232005

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.6	57.8
154	90.6	70.7	106.1

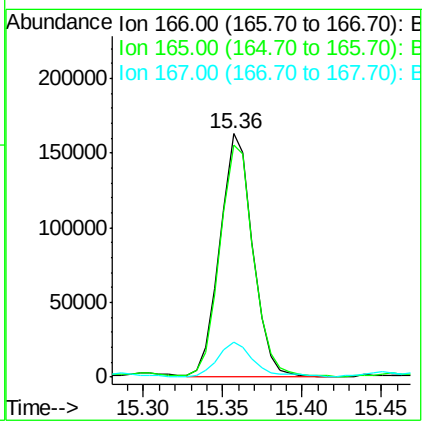


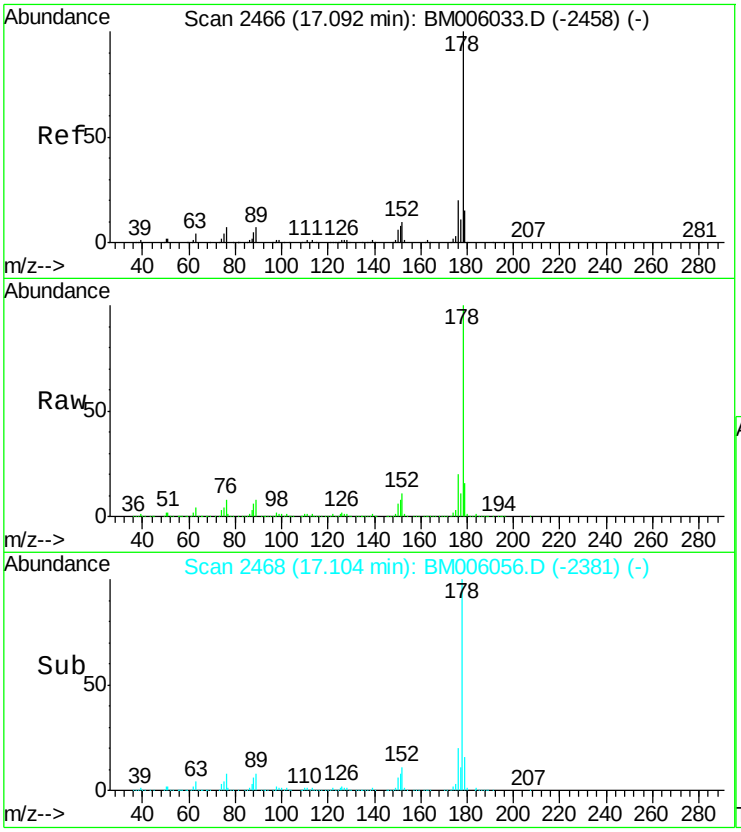


#22
Fluorene
Concen: 3.15 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Tgt Ion:166 Resp: 234269

Ion	Ratio	Lower	Upper
166	100		
165	95.5	76.8	115.2
167	14.3	10.8	16.2



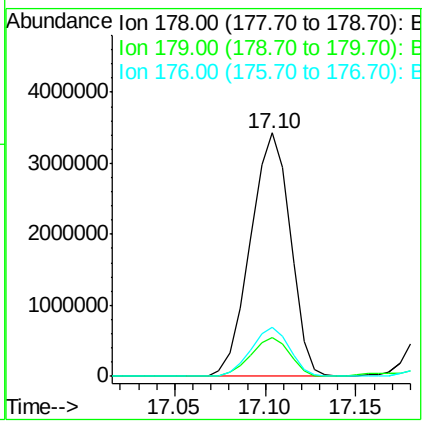


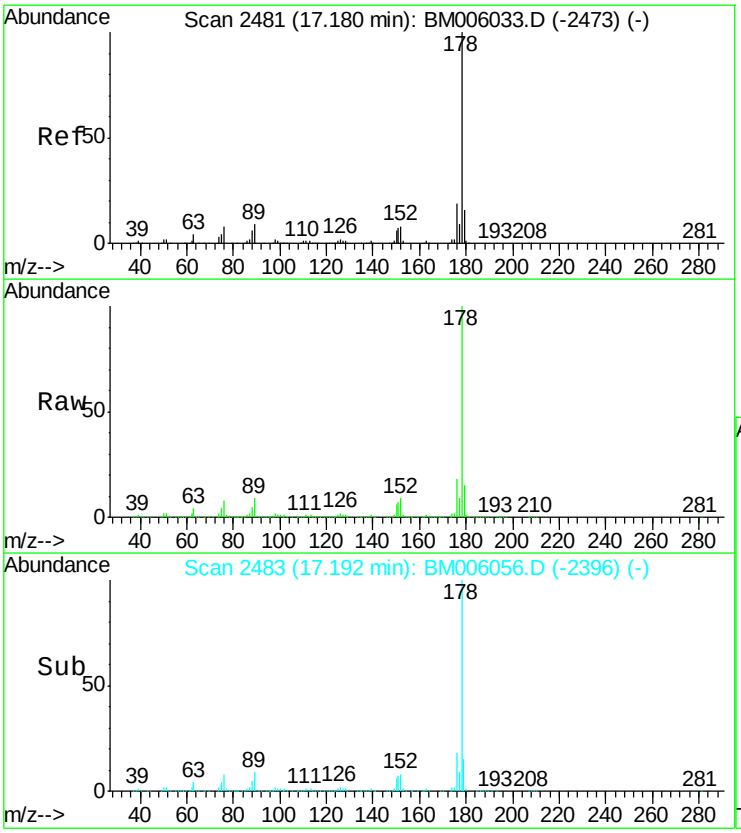
#25
Phenanthrene
Concen: 47.91 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Instrument :
BNA_M
ClientSampleId :
D9YA5

Tgt Ion:178 Resp: 5242003

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	20.0	15.4	23.0

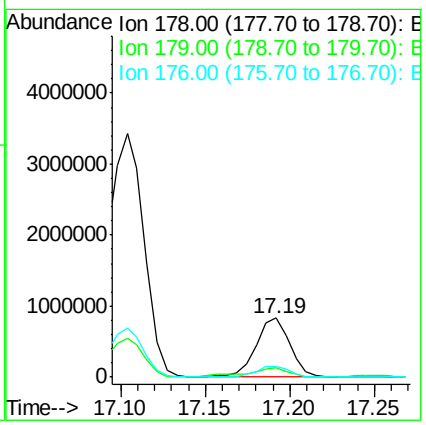


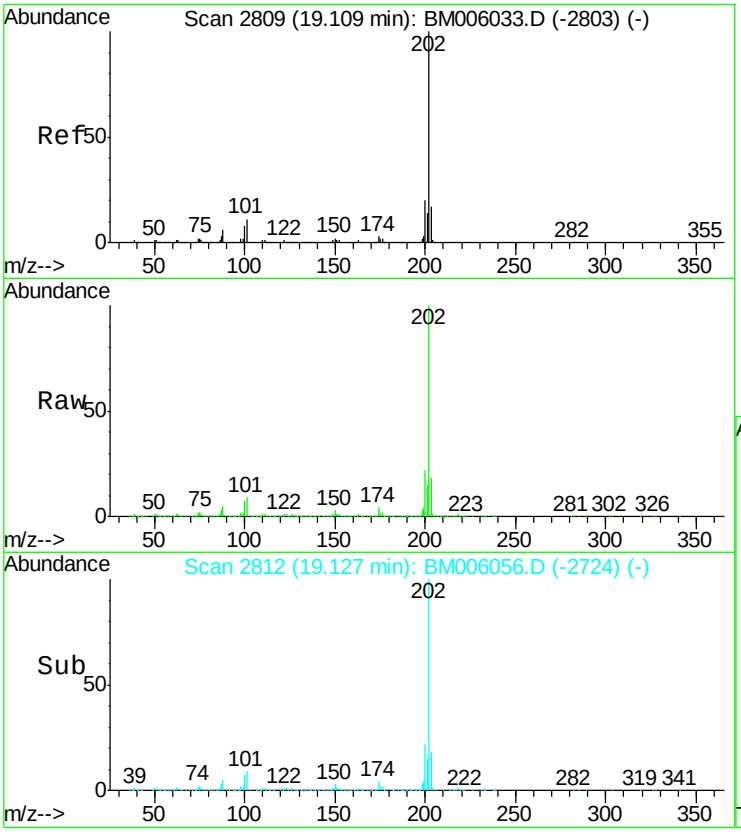


#27
Anthracene
Concen: 10.25 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Tgt Ion:178 Resp: 1157914

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



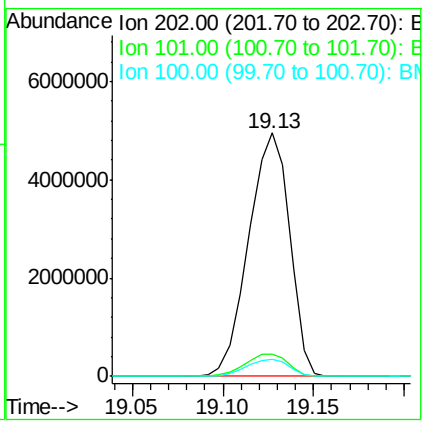


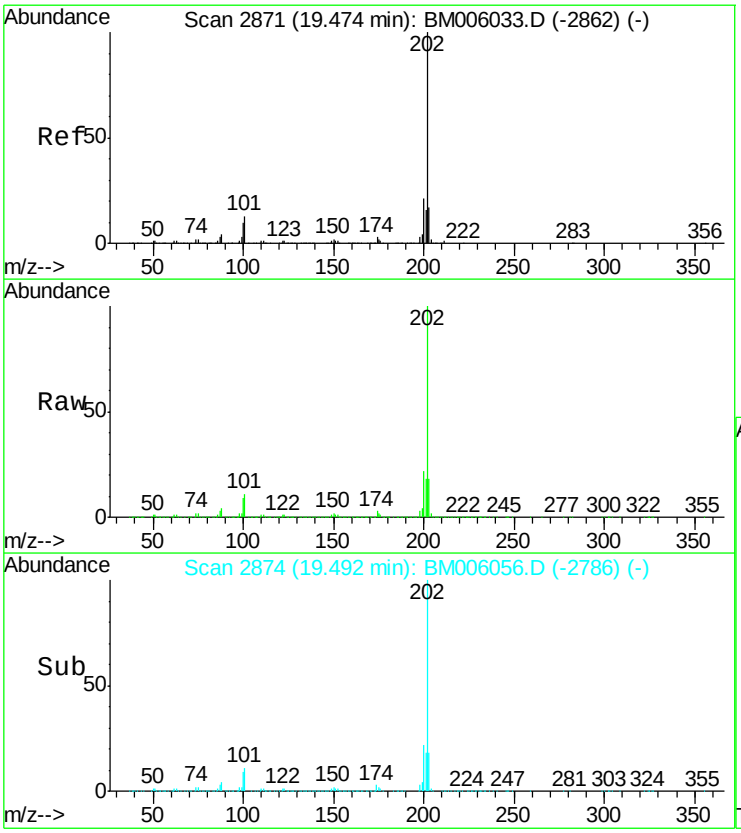
#28
Fluoranthene
Concen: 55.44 ng/ul
RT: 19.13 min Scan# 2812
Delta R.T. 0.02 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Instrument :
BNA_M
ClientSampleId :
D9YA5

Tgt Ion:202 Resp: 7768598

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.2	12.4
100	7.1	6.3	9.5

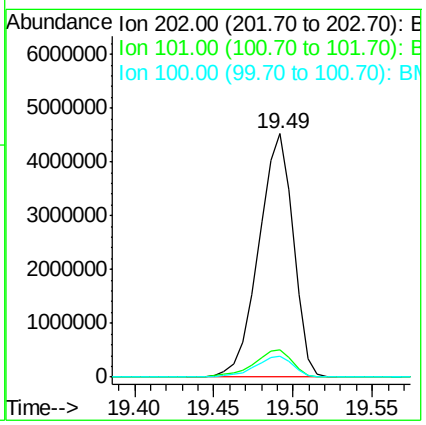


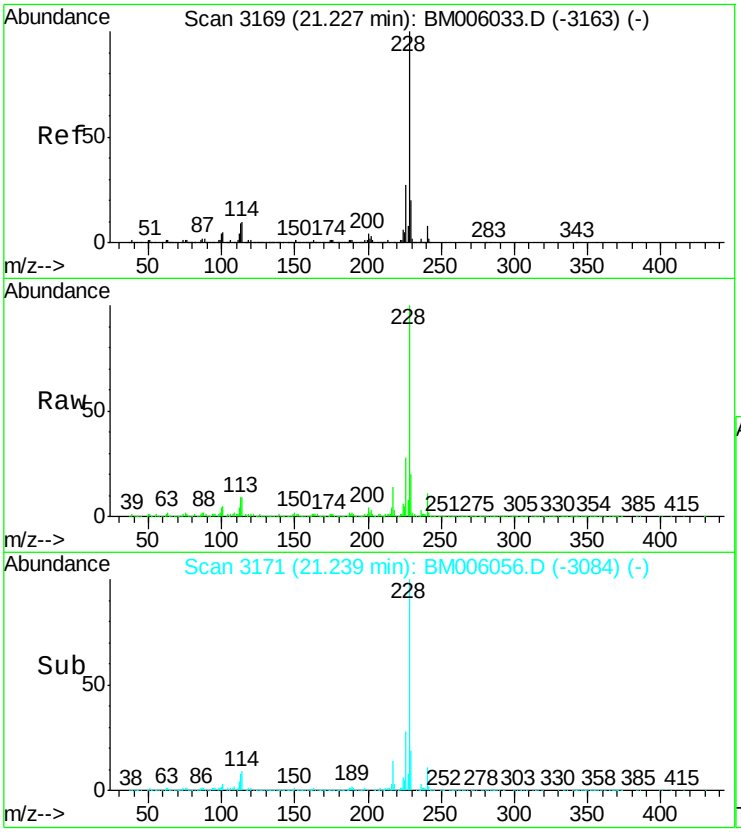


#31
Pyrene
Concen: 78.02 ng/ul
RT: 19.49 min Scan# 2874
Delta R.T. 0.02 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Tgt Ion:202 Resp: 6855902

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.6
100	8.8	8.2	12.2



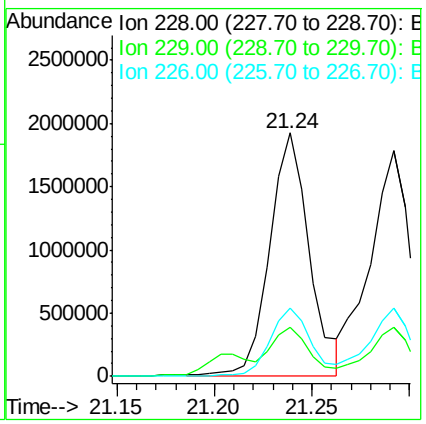


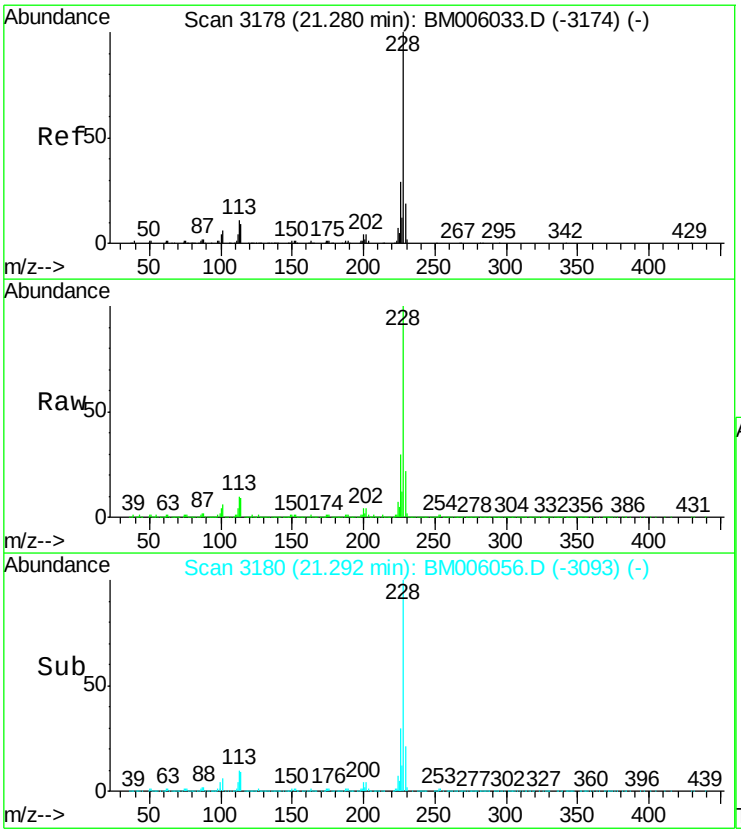
#32
Benzo(a)anthracene
Concen: 29.71 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Instrument :
BNA_M
ClientSampleId :
D9YA5

Tgt Ion:228 Resp: 2708983

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	28.0	21.5	32.3

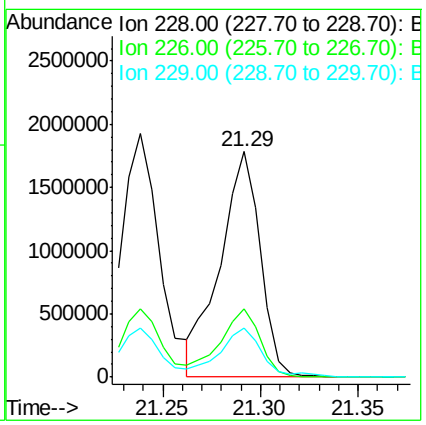


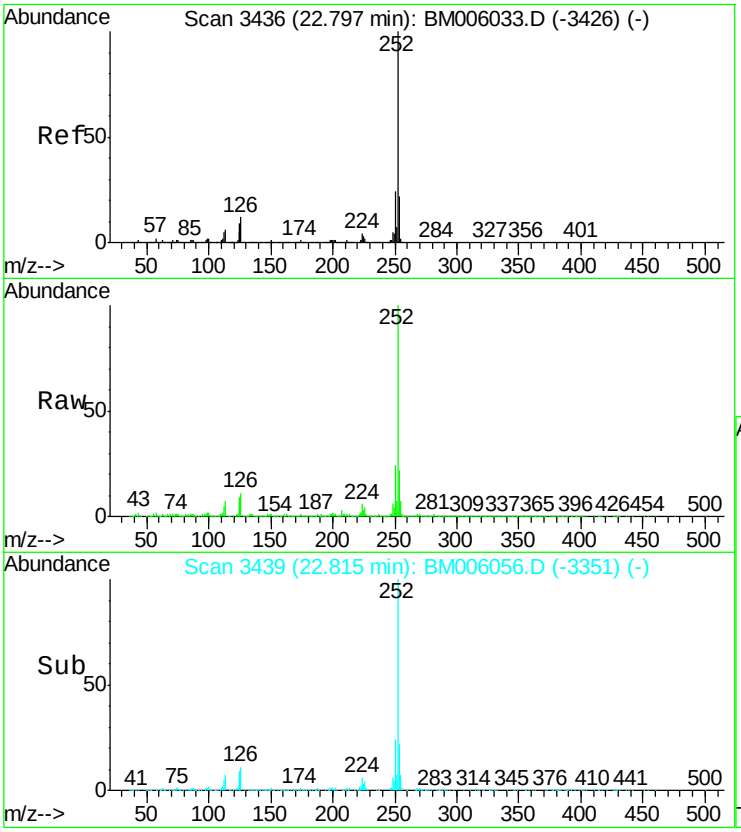


#33
Chrysene
Concen: 30.47 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Tgt Ion:228 Resp: 2538301

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	21.6	15.4	23.2



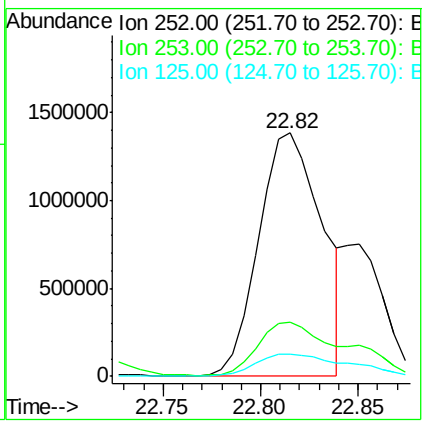


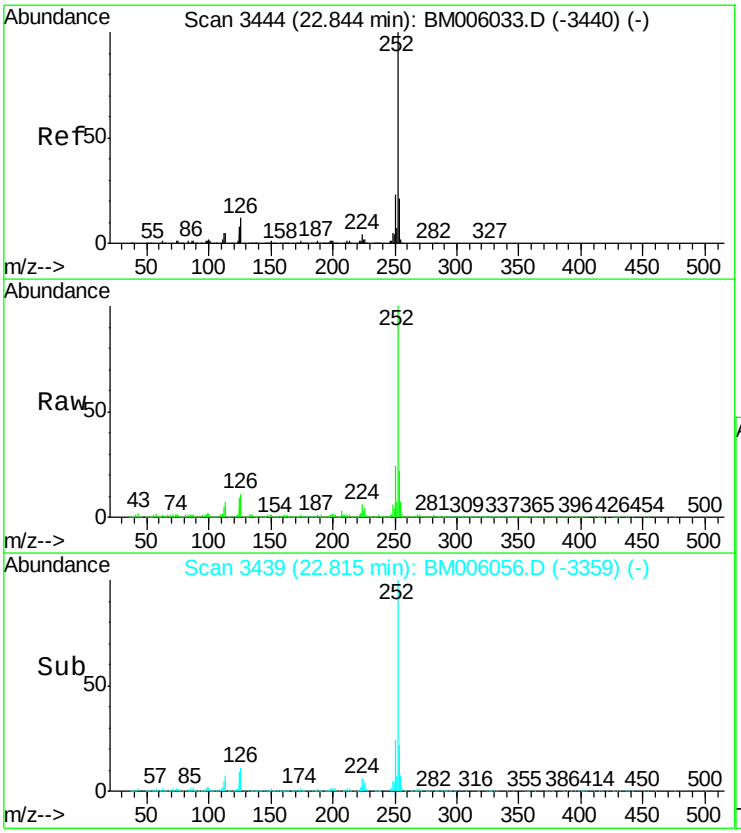
#35
Benzo(b)fluoranthene
Concen: 39.10 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Instrument :
BNA_M
ClientSampleId :
D9YA5

Tgt Ion:252 Resp: 3100648

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	9.1	6.8	10.2

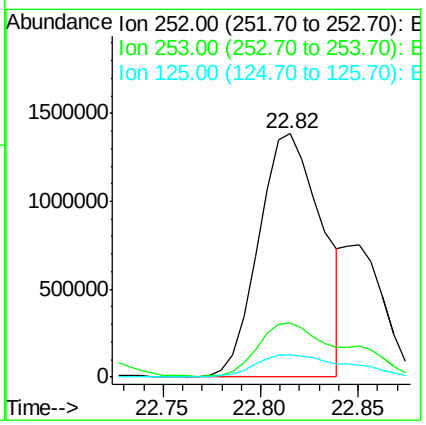


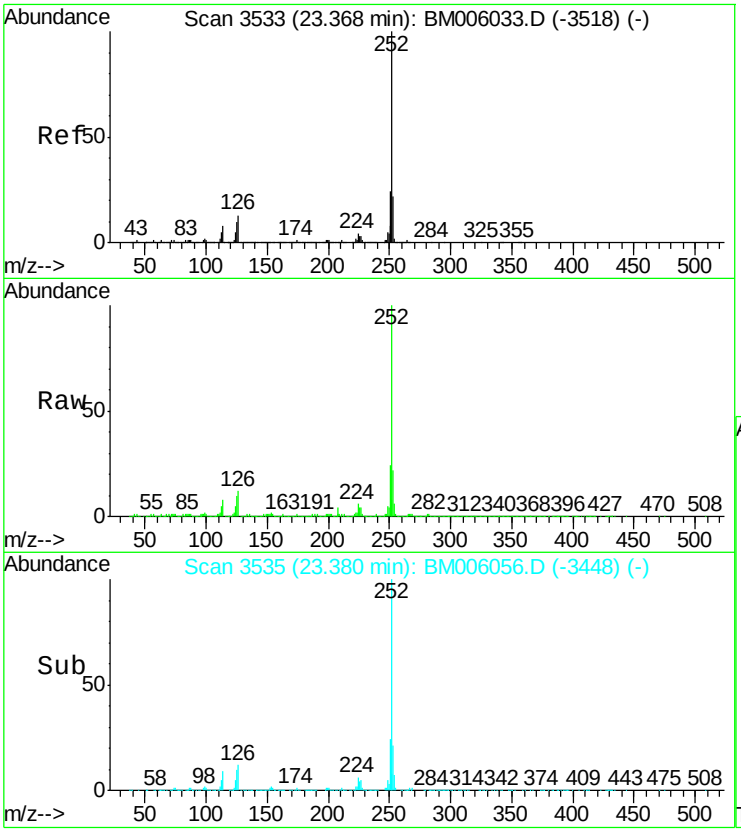


#36
Benzo(k)fluoranthene
Concen: 42.04 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. -0.03 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Tgt Ion:252 Resp: 3100648

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.1	7.0	10.4



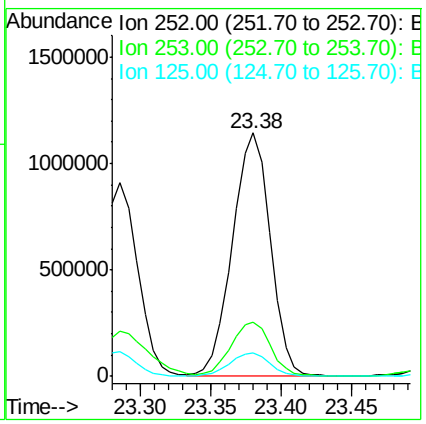


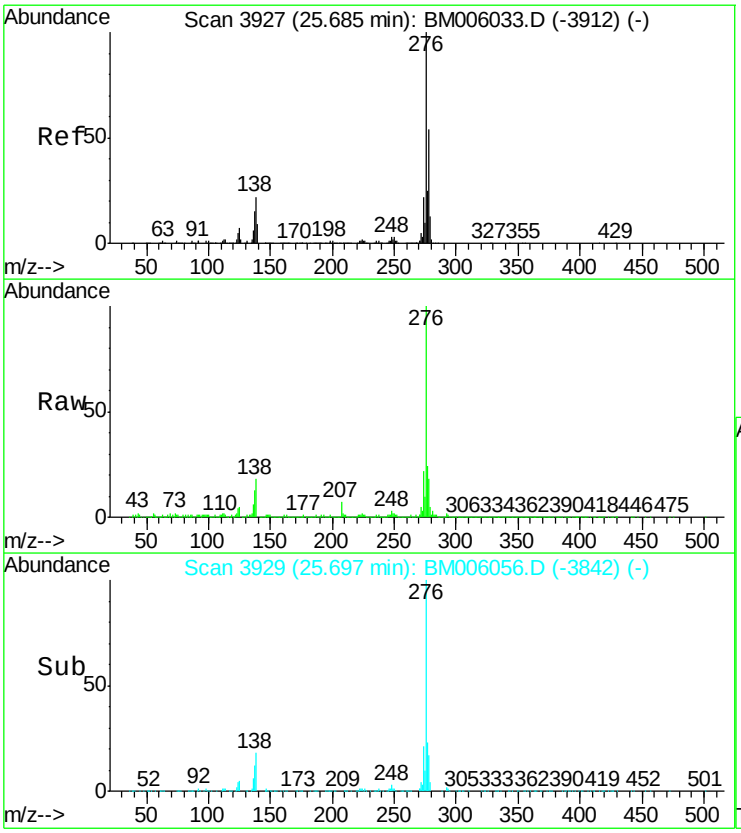
#38
Benzo(a)pyrene
Concen: 28.15 ng/ul
RT: 23.38 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Instrument :
BNA_M
ClientSampleId :
D9YA5

Tgt Ion:252 Resp: 2140198

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.6	7.8	11.6

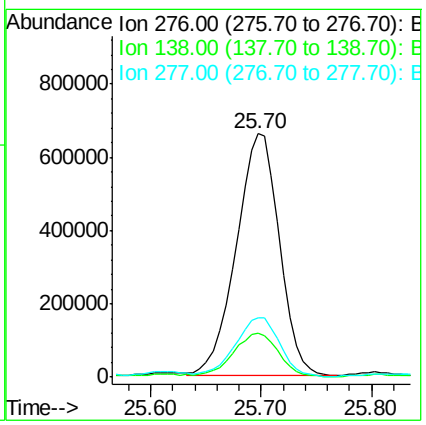


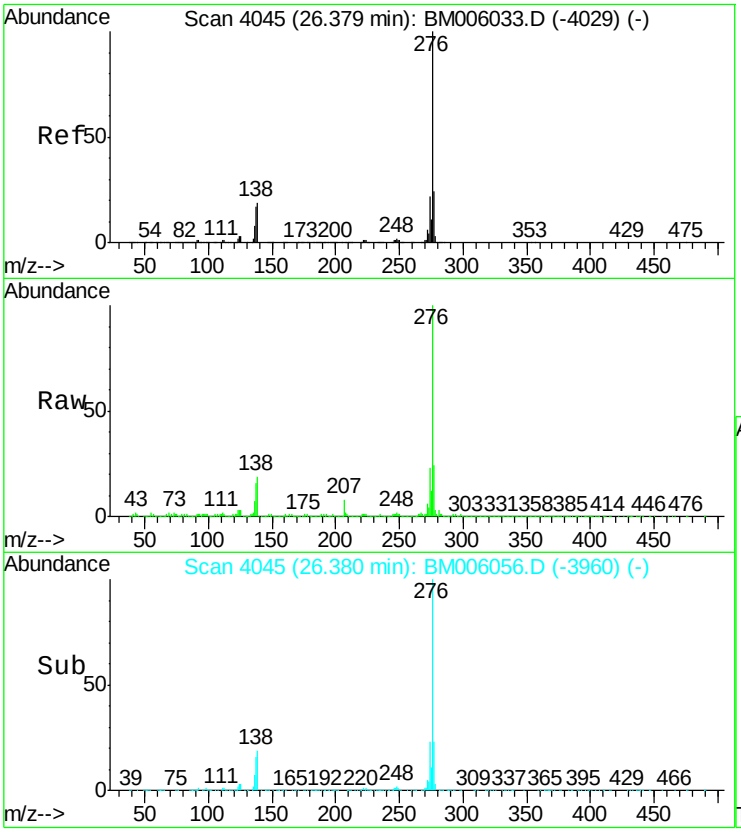


#39
Indeno(1,2,3-cd)pyrene
Concen: 19.88 ng/ul
RT: 25.70 min Scan# 3929
Delta R.T. 0.01 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Tgt Ion:276 Resp: 1802112

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





#41
Benzo(g,h,i)perylene
Concen: 24.42 ng/ul
RT: 26.38 min Scan# 4045
Delta R.T. 0.00 min
Lab File: BM006056.D
Acq: 27 Jun 2016 01:11

Instrument :
BNA_M
ClientSampleId :
D9YA5

Tgt Ion:276 Resp: 1914049

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.9	23.9
277	24.1	19.2	28.8