Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002609.D
Acq On : 01 Sep 2015 03:19
Operator : UM/IZ
Sample : G3456-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9EA7

Quant Time: Sep 01 03:52:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	131402	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	595993	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	306890	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	605371	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	437173	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	424431	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	505214	16.10	ng/ul	0.00
10) Fluorene-d10	16.34	176	329843	14.97	ng/ul	0.00
14) Anthracene-d10	18.17	188	456350	15.63	ng/ul	0.00
18) Pyrene-d10	20.40	212	375103	19.36	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	298716	13.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.69	128	99797	3.28	ng/ul	99
4) 2-Methylnaphthalene	13.25	142	36690	1.61	ng/ul	98
5) 1-Methylnaphthalene	13.46	142	23771	1.05	ng/ul	99
8) Acenaphthylene	15.10	152	59196	1.80	ng/ul	98
9) Acenaphthene	15.43	153	29933	1.38	ng/ul	97
11) Fluorene	16.39	166	38064	1.54	ng/ul	96
13) Phenanthrene	18.12	178	1414913	40.48	ng/ul	100
15) Anthracene	18.21	178	281060	7.93	ng/ul	100
16) Fluoranthene	20.07	202	2122751	53.64	ng/ul	96
19) Pyrene	20.43	202	1476355	57.65	ng/ul	99
20) Benzo(a)anthracene	22.14	228	595592	22.78	ng/ul	99
21) Chrysene	22.20	228	569165	23.28	ng/ul	97
23) Benzo(b)fluoranthene	23.98	252	707121	27.56	ng/ul	97
24) Benzo(k)fluoranthene	23.98	252	206892	8.51	ng/ul	98
26) Benzo(a)pyrene	24.67	252	431564	17.61	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.55	276	354863	12.59	ng/ul	95
28) Dibenzo(a,h)anthracene	27.55	278	89454	3.80	ng/ul#	73
29) Benzo(g,h,i)perylene	28.42	276	305897	13.04	ng/ul	98

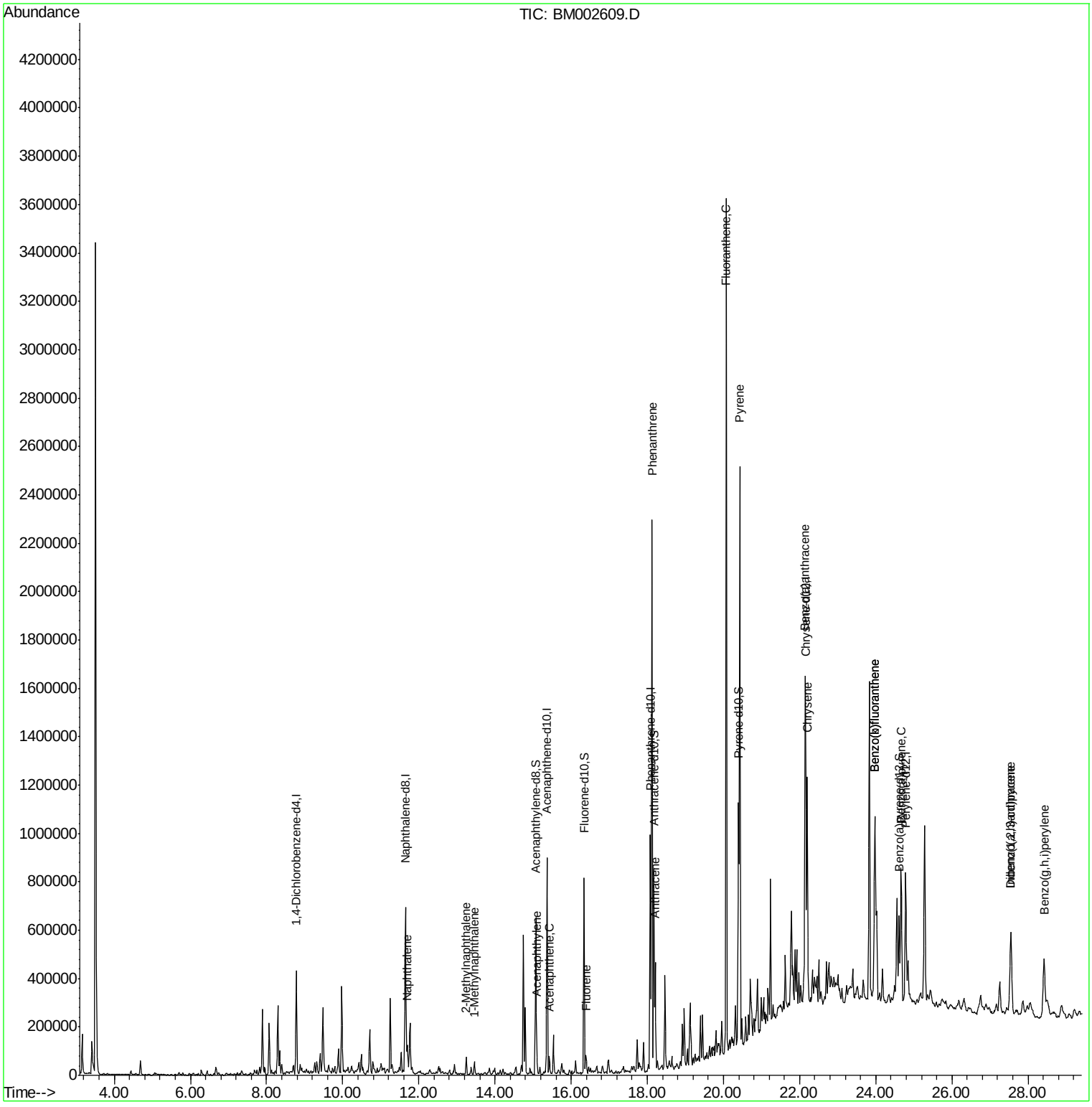
(#) = qualifier out of range (m) = manual integration (+) = signals summed

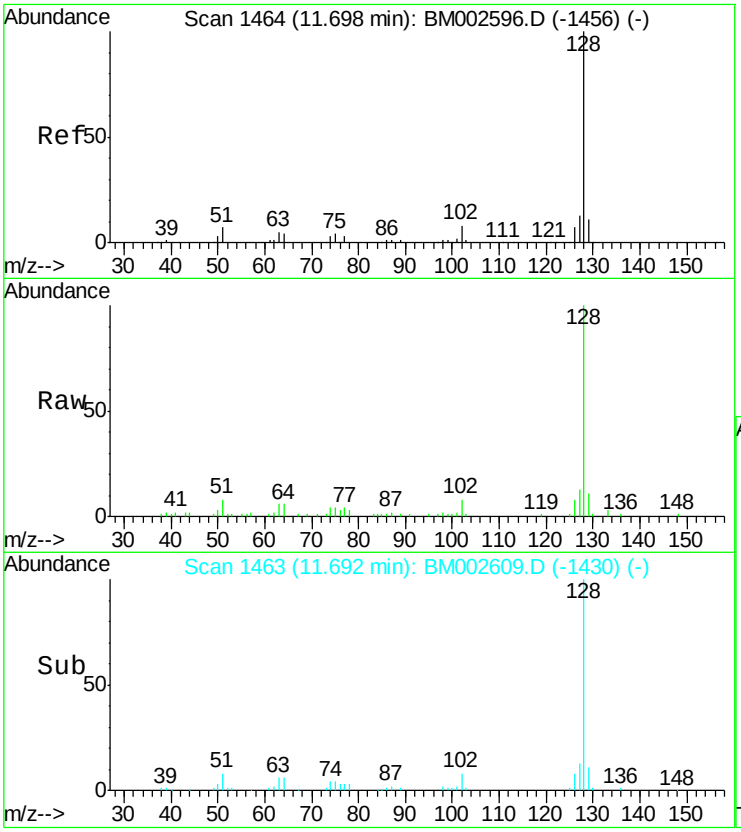
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002609.D
Acq On : 01 Sep 2015 03:19
Operator : UM/IZ
Sample : G3456-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9EA7

Quant Time: Sep 01 03:52:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration



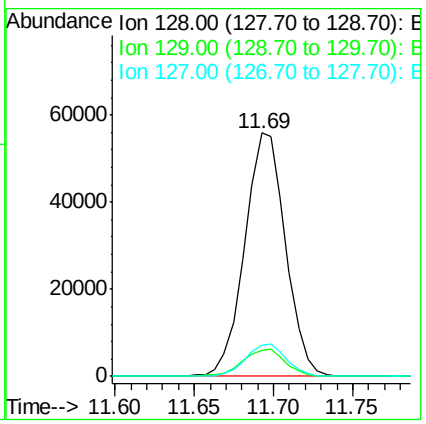


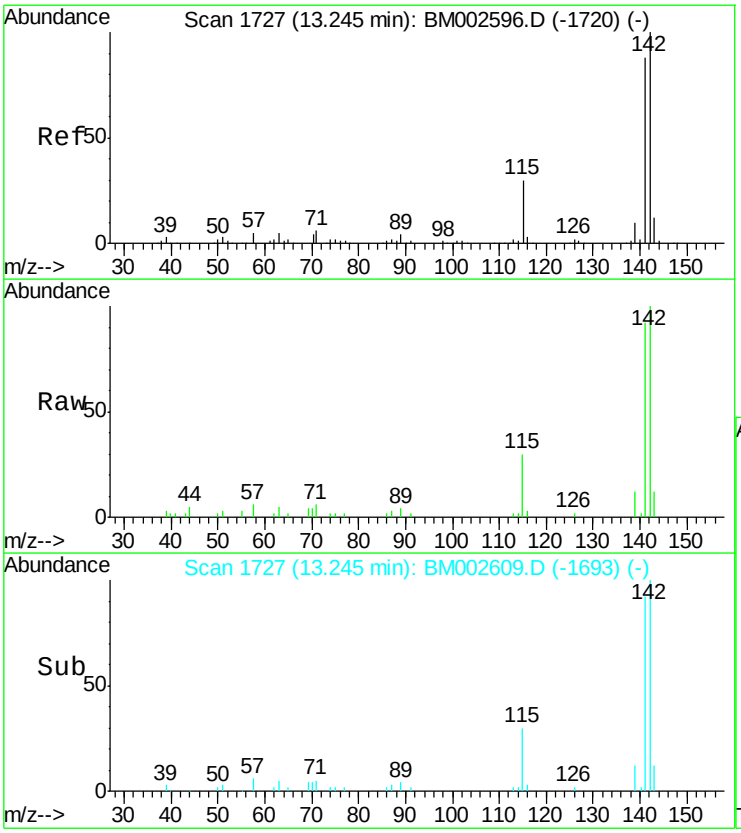
#3
Naphthalene
Concen: 3.28 ng/ul
RT: 11.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Instrument :
BNA_M
ClientSampleId :
D9EA7

Tgt Ion:128 Resp: 99797

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.8	10.4	15.6

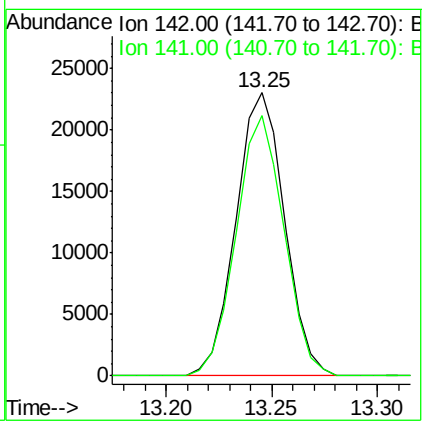


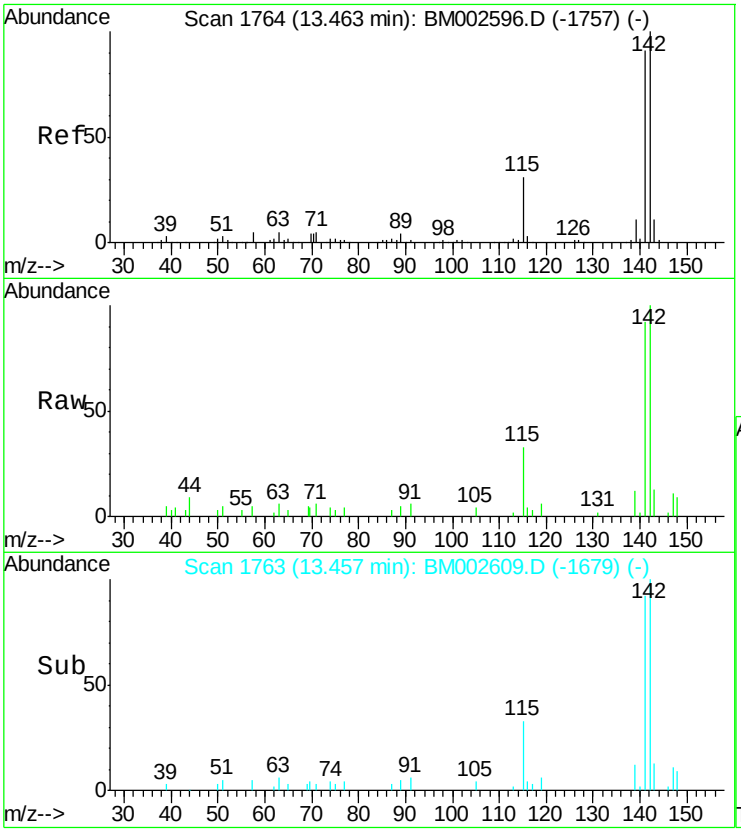


#4
2-Methylnaphthalene
Concen: 1.61 ng/ul
RT: 13.25 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Tgt Ion:142 Resp: 36690

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.2	108.2



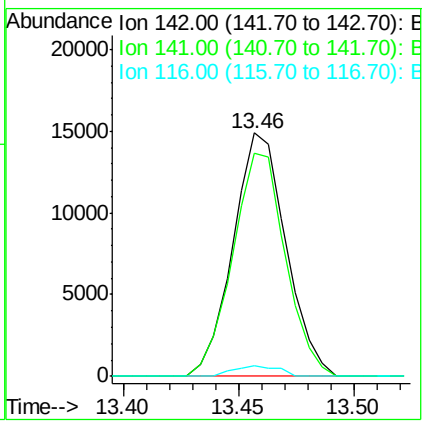


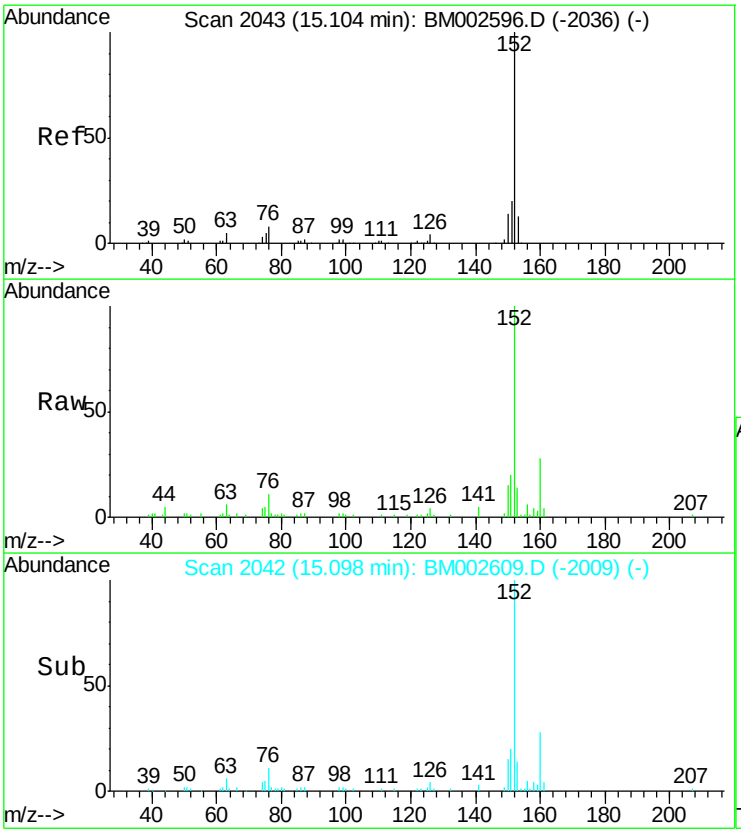
#5
1-Methylnaphthalene
Concen: 1.05 ng/ul
RT: 13.46 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Instrument :
BNA_M
ClientSampleId :
D9EA7

Tgt Ion:142 Resp: 23771

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.9	110.9
116	4.3	3.0	4.4

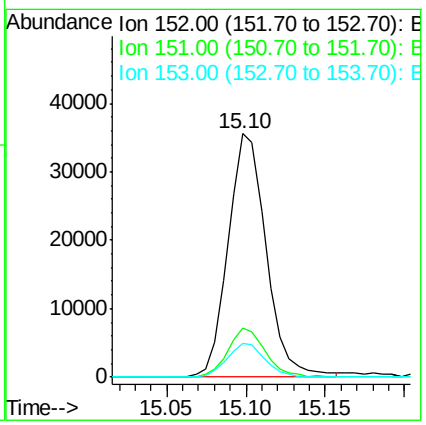


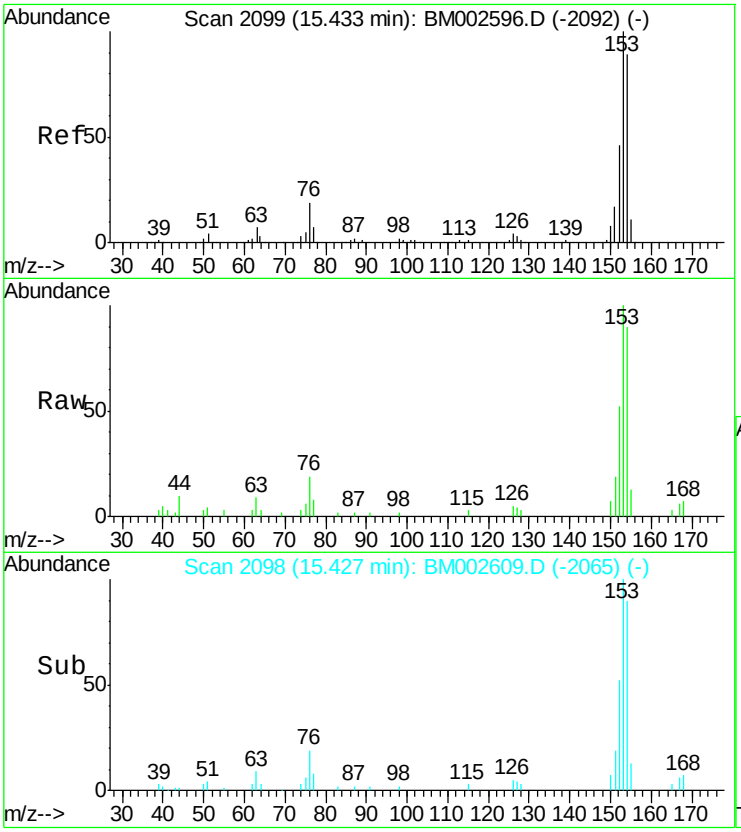


#8
Acenaphthylene
Concen: 1.80 ng/ul
RT: 15.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Tgt Ion:152 Resp: 59196

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.7	10.2	15.4



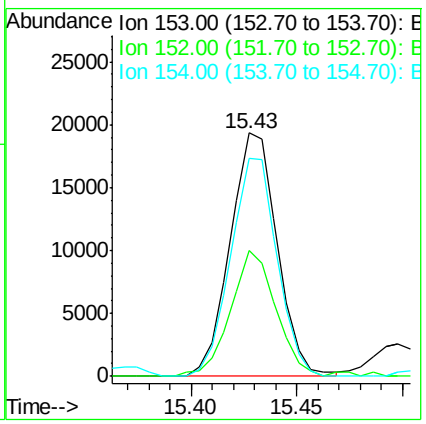


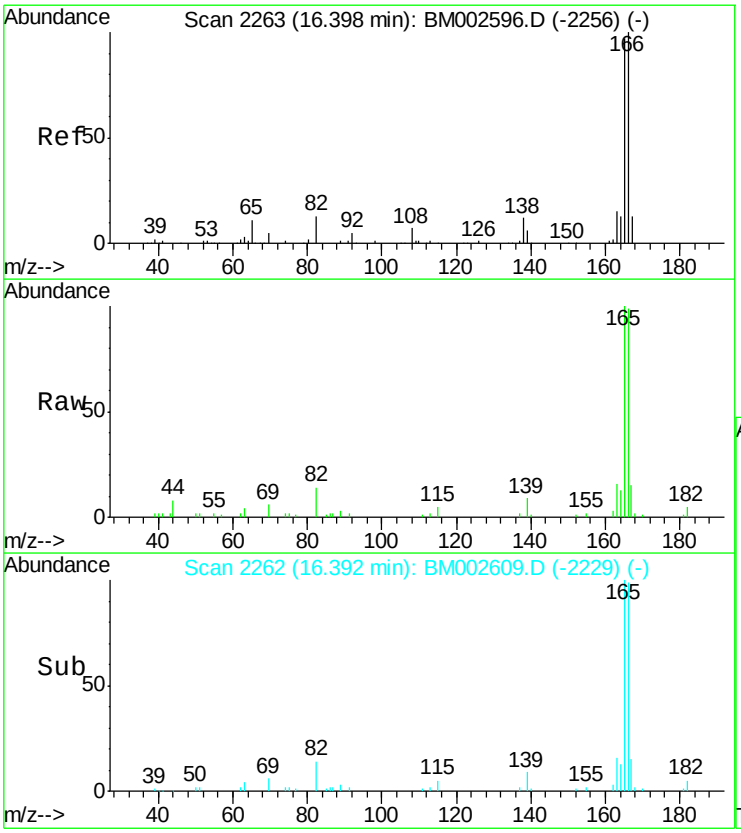
#9
Acenaphthene
Concen: 1.38 ng/ul
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Instrument :
BNA_M
ClientSampleId :
D9EA7

Tgt Ion:153 Resp: 29933

Ion	Ratio	Lower	Upper
153	100		
152	51.5	36.9	55.3
154	89.8	71.3	106.9

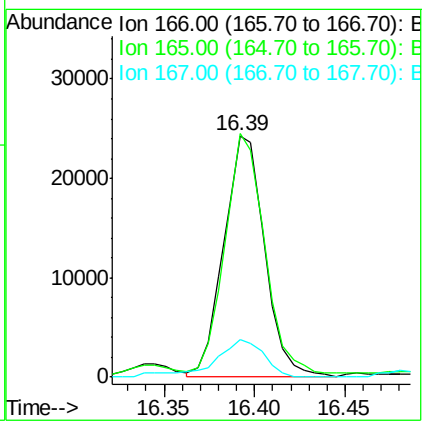


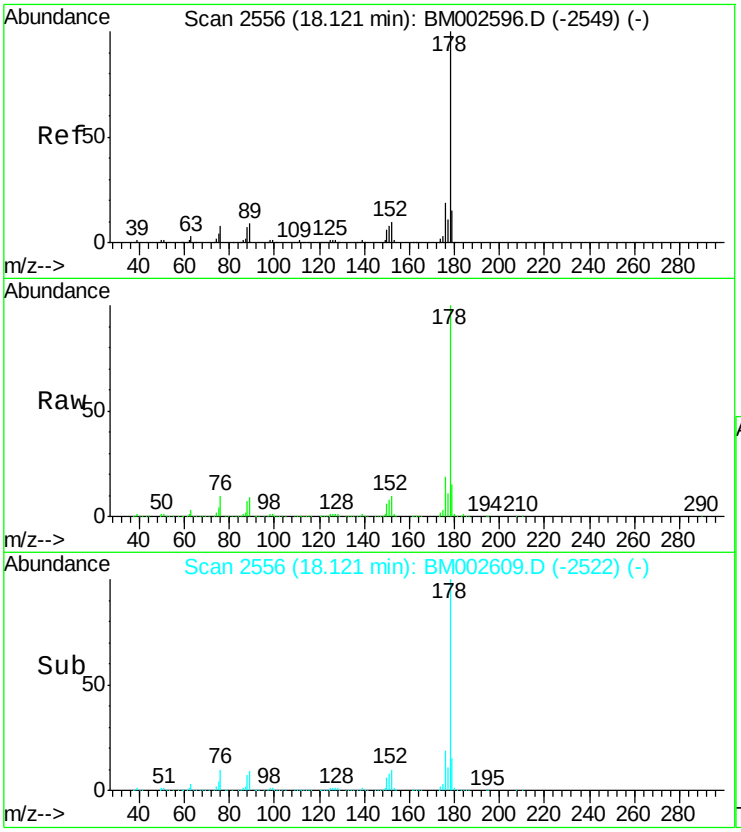


#11
Fluorene
Concen: 1.54 ng/ul
RT: 16.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Tgt Ion:166 Resp: 38064

Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.6	116.4
167	15.6	10.7	16.1



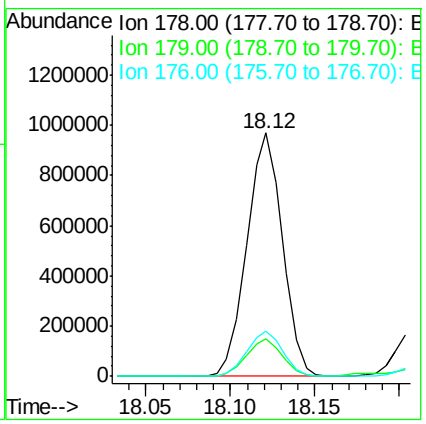


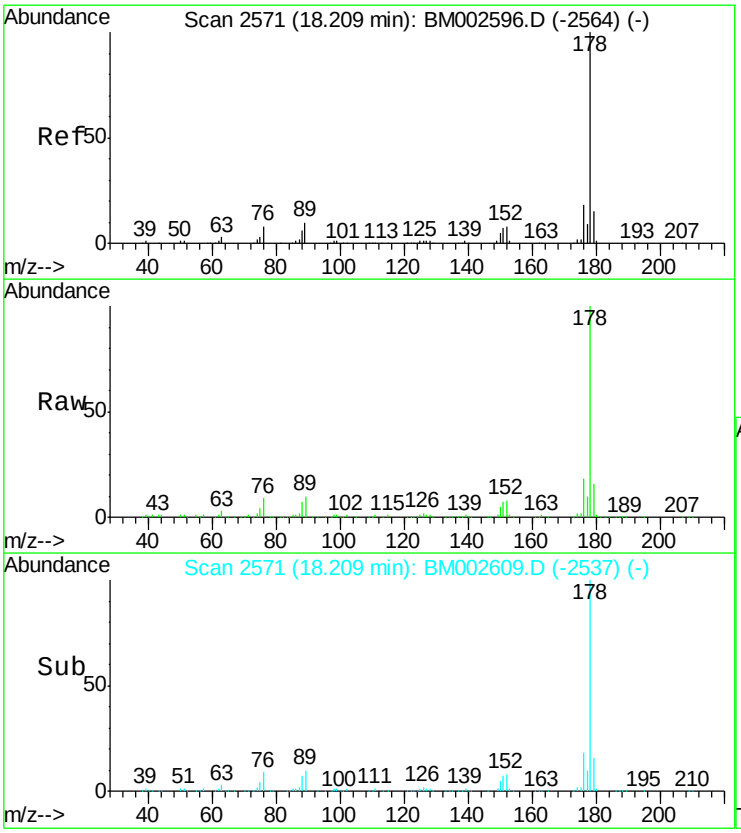
#13
Phenanthrene
Concen: 40.48 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Instrument :
BNA_M
ClientSampleId :
D9EA7

Tgt Ion:178 Resp: 1414913

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.8	15.1	22.7

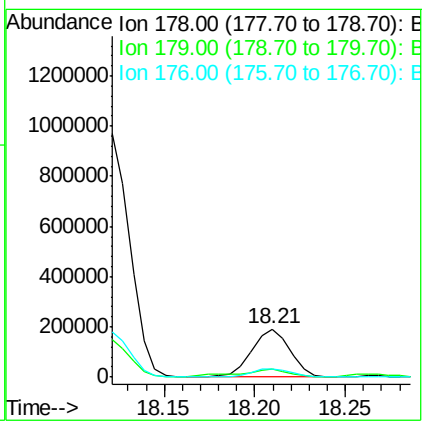


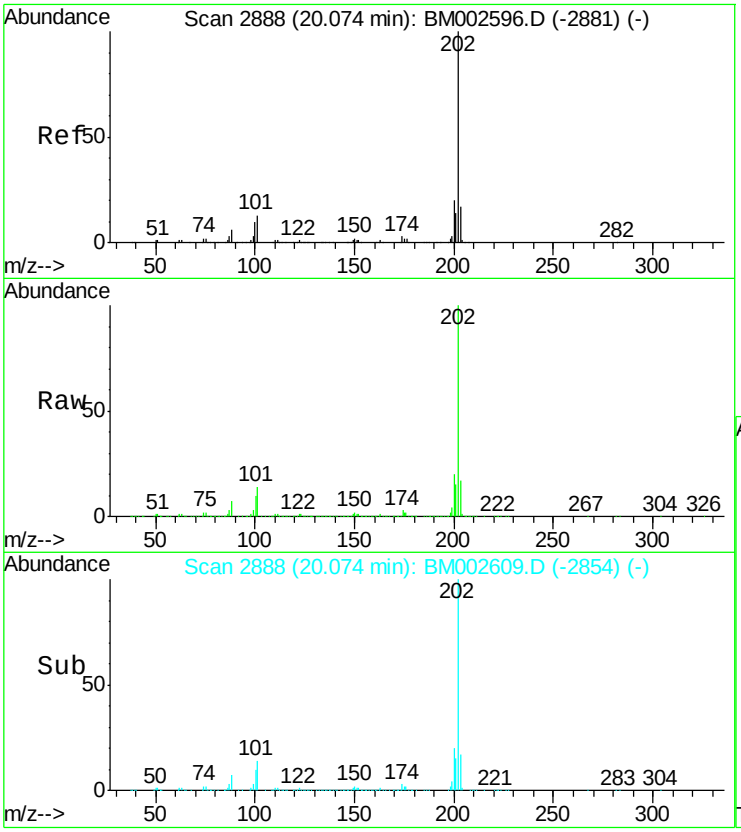


#15
Anthracene
Concen: 7.93 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Tgt Ion:178 Resp: 281060

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	18.0	14.5	21.7



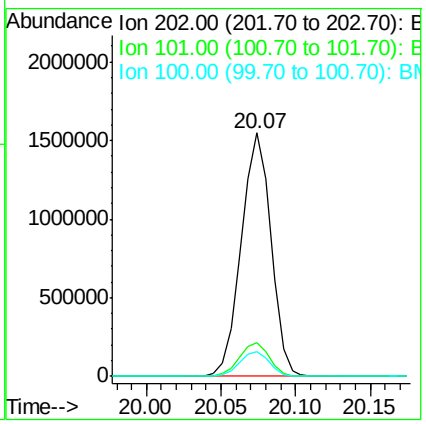


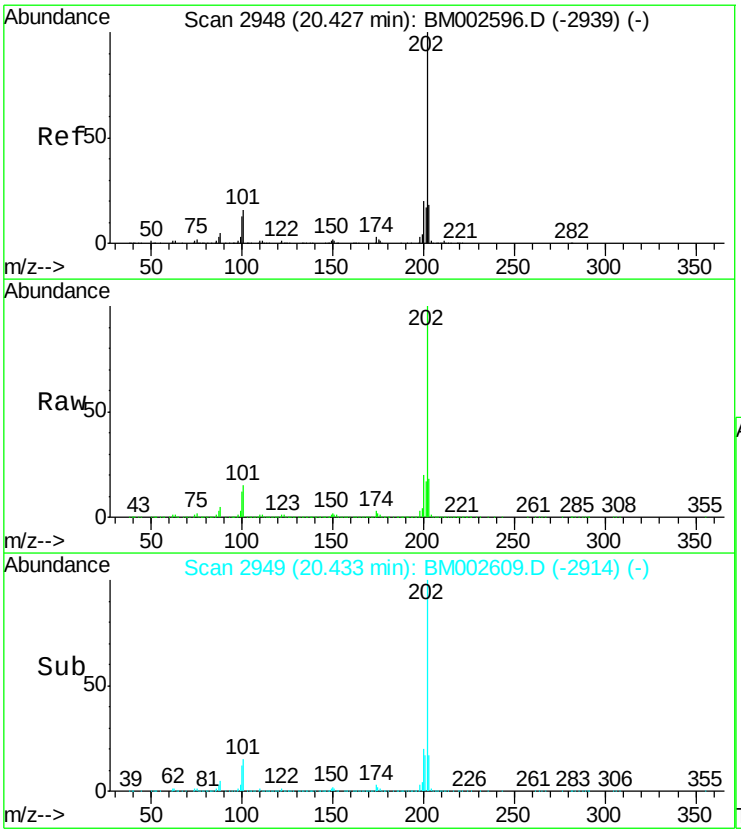
#16
Fluoranthene
Concen: 53.64 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.00 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Instrument :
BNA_M
ClientSampleId :
D9EA7

Tgt Ion:202 Resp: 2122751

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.7	14.5
100	10.4	7.4	11.2

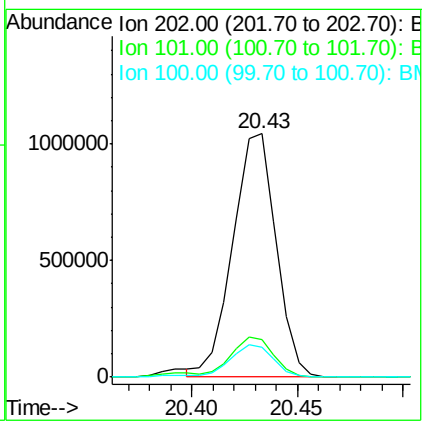


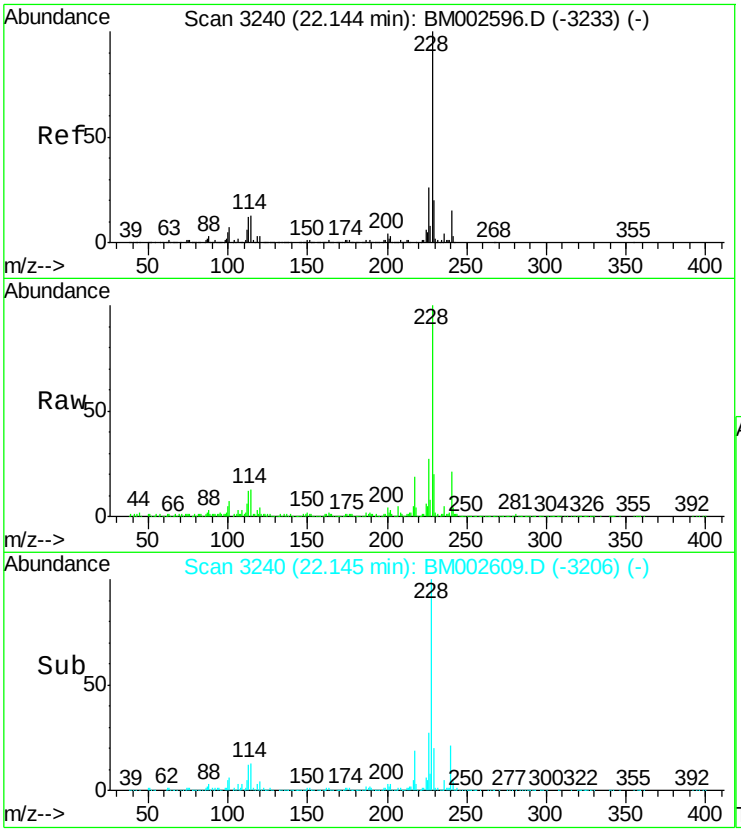


#19
Pyrene
Concen: 57.65 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Tgt Ion:202 Resp: 1476355

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.0	18.0
100	12.5	9.7	14.5



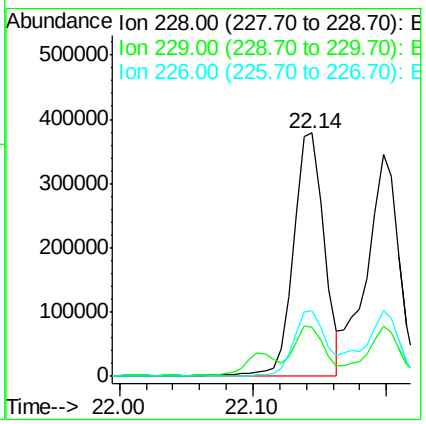


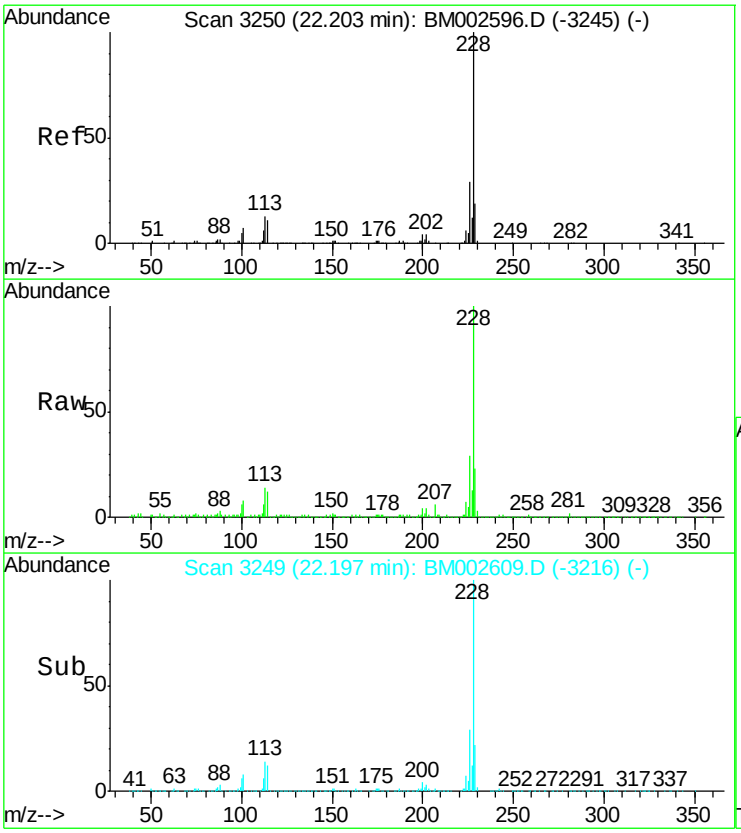
#20
Benzo(a)anthracene
Concen: 22.78 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Instrument :
BNA_M
ClientSampleId :
D9EA7

Tgt Ion:228 Resp: 595592

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	27.0	21.1	31.7

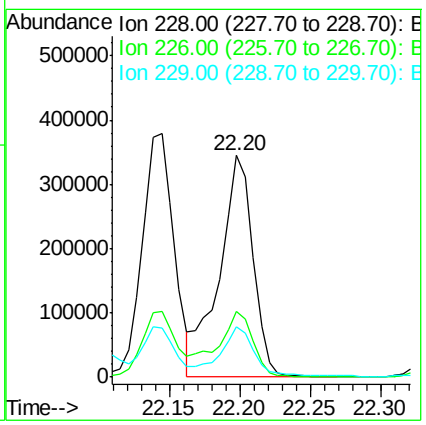


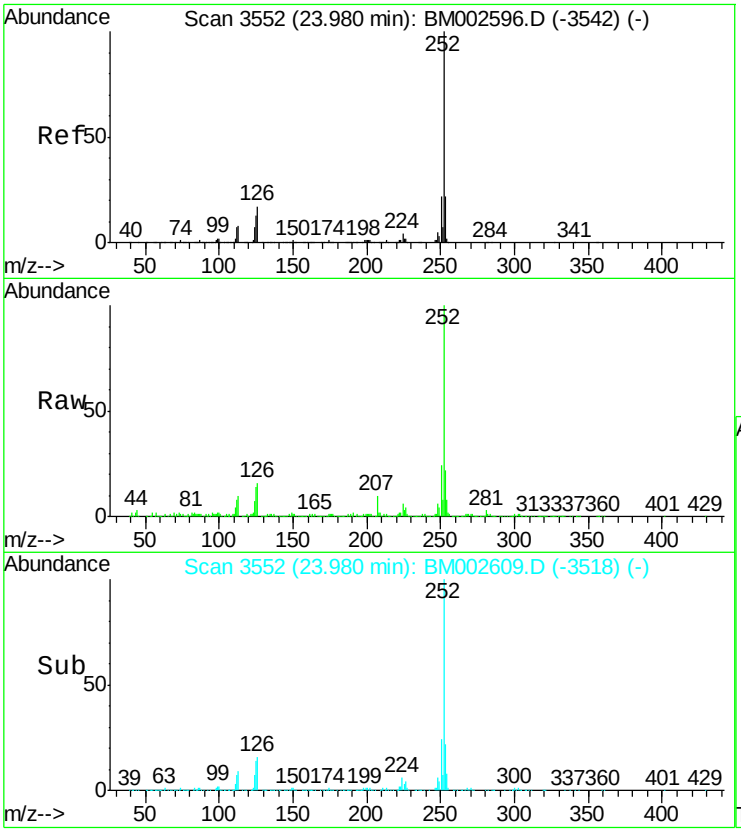


#21
Chrysene
Concen: 23.28 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Tgt Ion:228 Resp: 569165

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	22.5	15.7	23.5



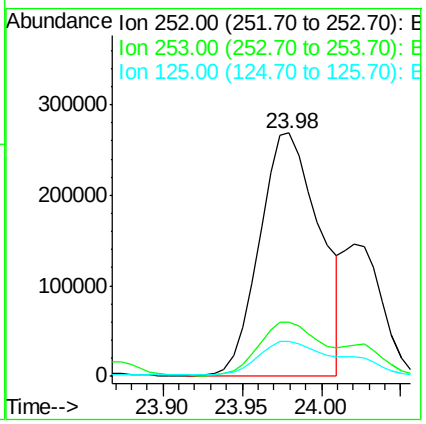


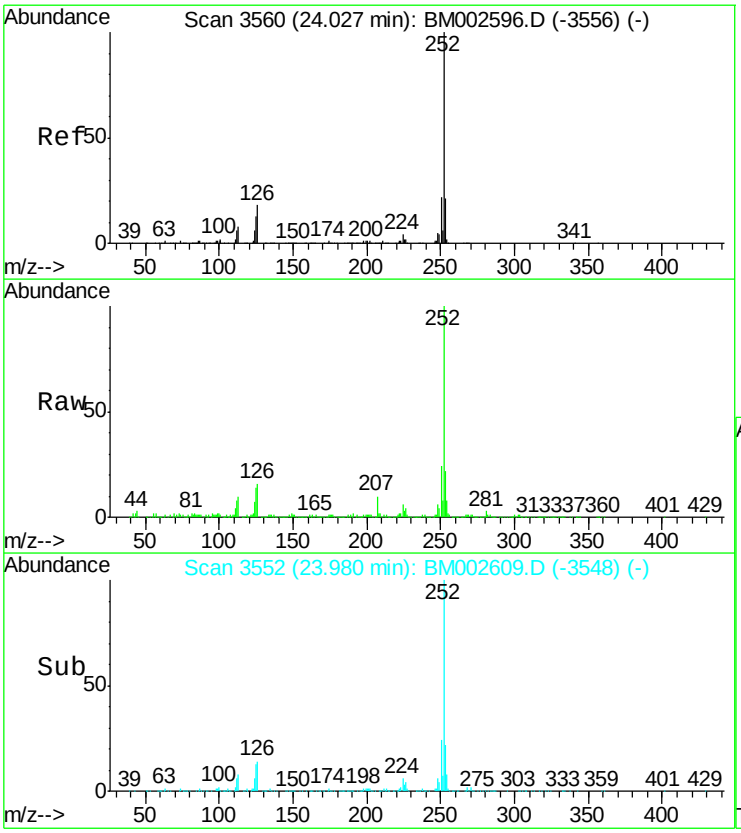
#23
Benzo(b)fluoranthene
Concen: 27.56 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Instrument :
BNA_M
ClientSampleId :
D9EA7

Tgt Ion:252 Resp: 707121

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	14.4	10.0	15.0

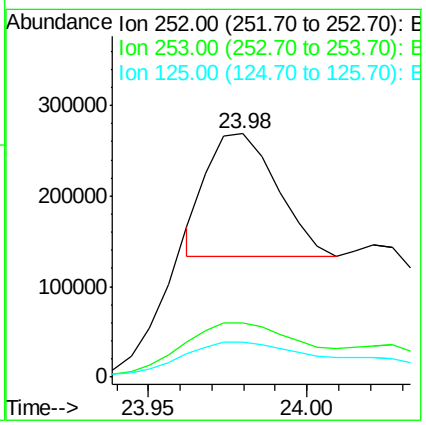


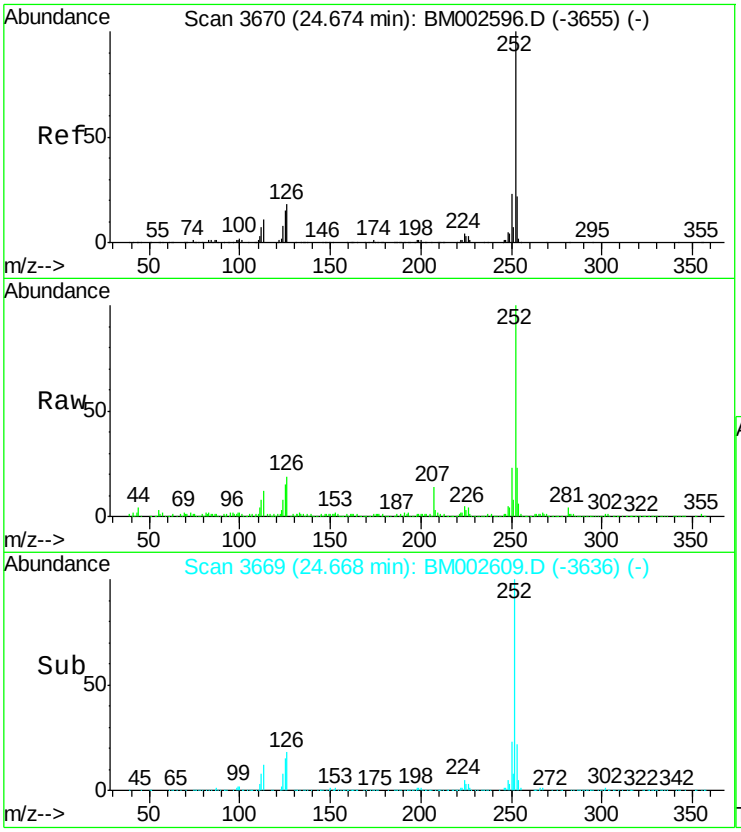


#24
Benzo(k)fluoranthene
Concen: 8.51 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. -0.05 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Tgt Ion:252 Resp: 206892

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	14.4	9.8	14.8



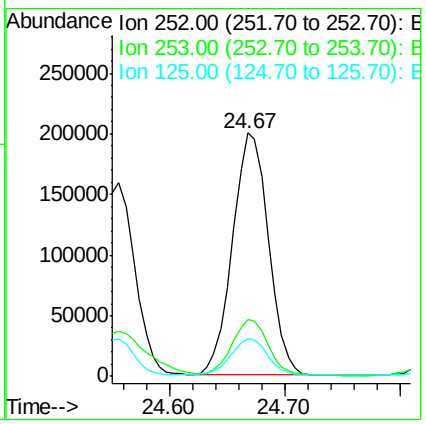


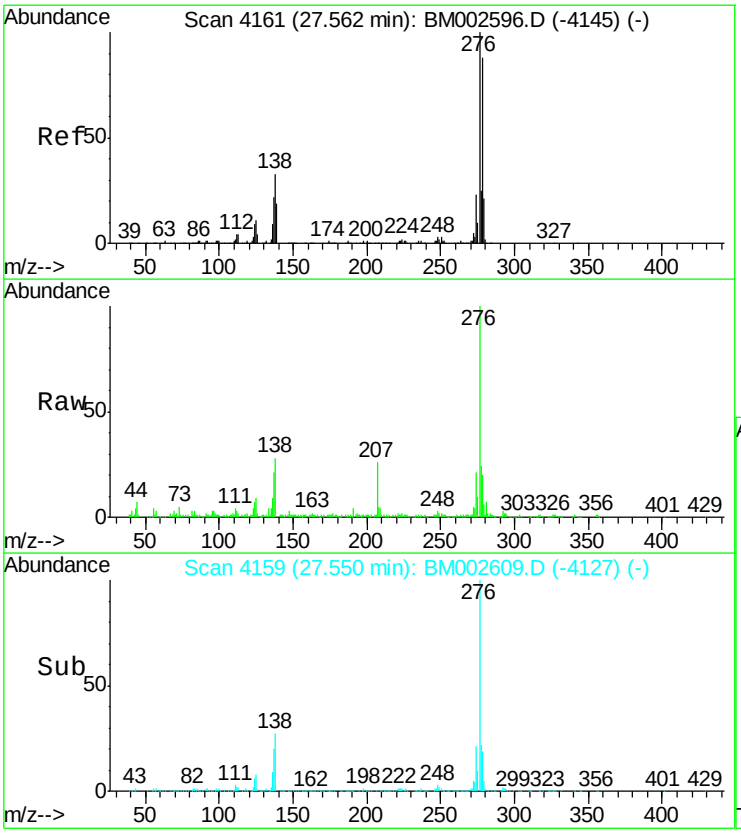
#26
Benzo(a)pyrene
Concen: 17.61 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Instrument :
BNA_M
ClientSampleId :
D9EA7

Tgt Ion:252 Resp: 431564

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	15.4	10.7	16.1

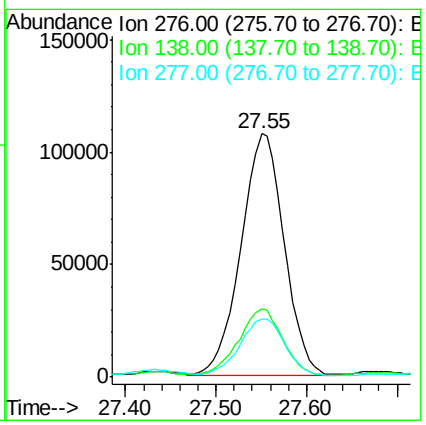


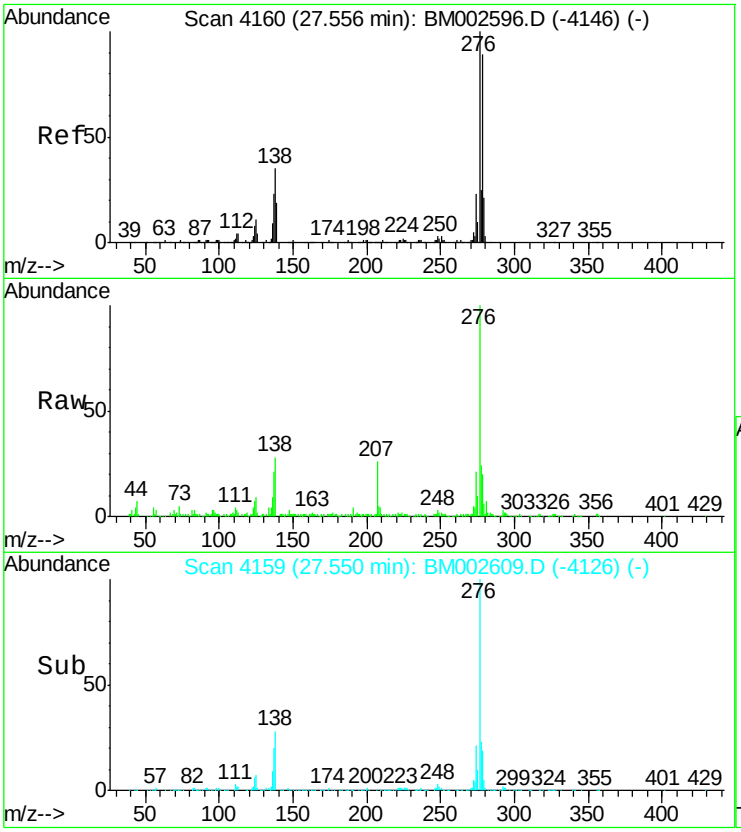


#27
Indeno(1,2,3-cd)pyrene
Concen: 12.59 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Tgt Ion:276 Resp: 354863

Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.3	37.9
277	23.6	20.2	30.2



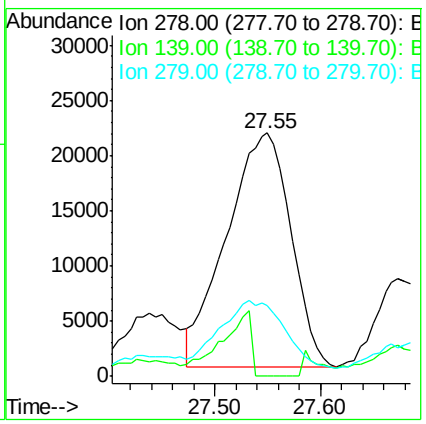


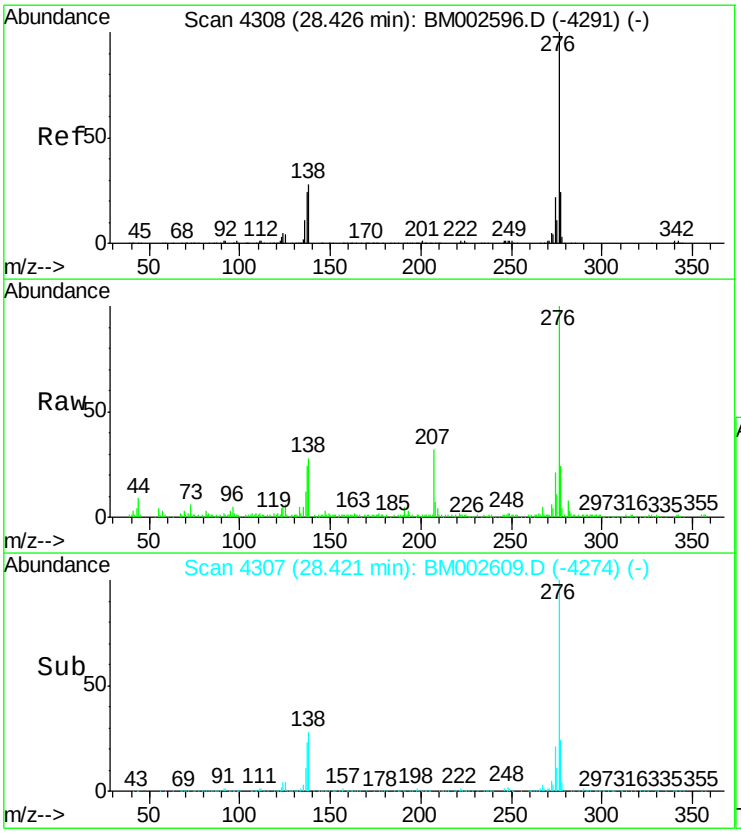
#28
Dibenzo(a,h)anthracene
Concen: 3.80 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Instrument :
BNA_M
ClientSampleId :
D9EA7

Tgt Ion:278 Resp: 89454

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	29.1	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 13.04 ng/ul
RT: 28.42 min Scan# 4307
Delta R.T. -0.01 min
Lab File: BM002609.D
Acq: 01 Sep 2015 03:19

Tgt Ion:276 Resp: 305897

Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.0	31.6
277	24.3	19.2	28.8