Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002250.D
Acq On : 07 Aug 2015 22:54
Operator : TP/UM
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Quant Time: Aug 08 04:19:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 04:17:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	168652	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	809677	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	459483	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	997429	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1027853	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	1038684	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.21	160	486318	11.10	ng/ul	0.00
10) Fluorene-d10	16.47	176	343279	11.19	ng/ul	0.00
14) Anthracene-d10	18.31	188	501529	10.92	ng/ul	0.00
18) Pyrene-d10	20.52	212	513569	10.31	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	559970	10.76	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.85	128	430261	10.88	ng/ul	100
4) 2-Methylnaphthalene	13.39	142	309673	10.31	ng/ul	98
5) 1-Methylnaphthalene	13.60	142	305601	10.57	ng/ul	100
8) Acenaphthylene	15.24	152	506551	11.27	ng/ul	100
9) Acenaphthene	15.57	153	338625	11.44	ng/ul	99
11) Fluorene	16.53	166	387888	11.13	ng/ul	100
13) Phenanthrene	18.25	178	593589	11.15	ng/ul	99
15) Anthracene	18.34	178	613933	11.25	ng/ul	99
16) Fluoranthene	20.19	202	662390	11.23	ng/ul	99
19) Pyrene	20.55	202	685950	10.65	ng/ul	98
20) Benzo(a)anthracene	22.27	228	640665	10.80	ng/ul	99
21) Chrysene	22.33	228	609054	11.12	ng/ul	99
23) Benzo(b)fluoranthene	24.16	252	665122	11.03	ng/ul	100
24) Benzo(k)fluoranthene	24.21	252	626343	10.65	ng/ul	99
26) Benzo(a)pyrene	24.87	252	630739	10.92	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.84	276	732626	11.19	ng/ul	98
28) Dibenzo(a,h)anthracene	27.86	278	626834	11.27	ng/ul	99
29) Benzo(g,h,i)perylene	28.73	276	615598	11.27	ng/ul	100

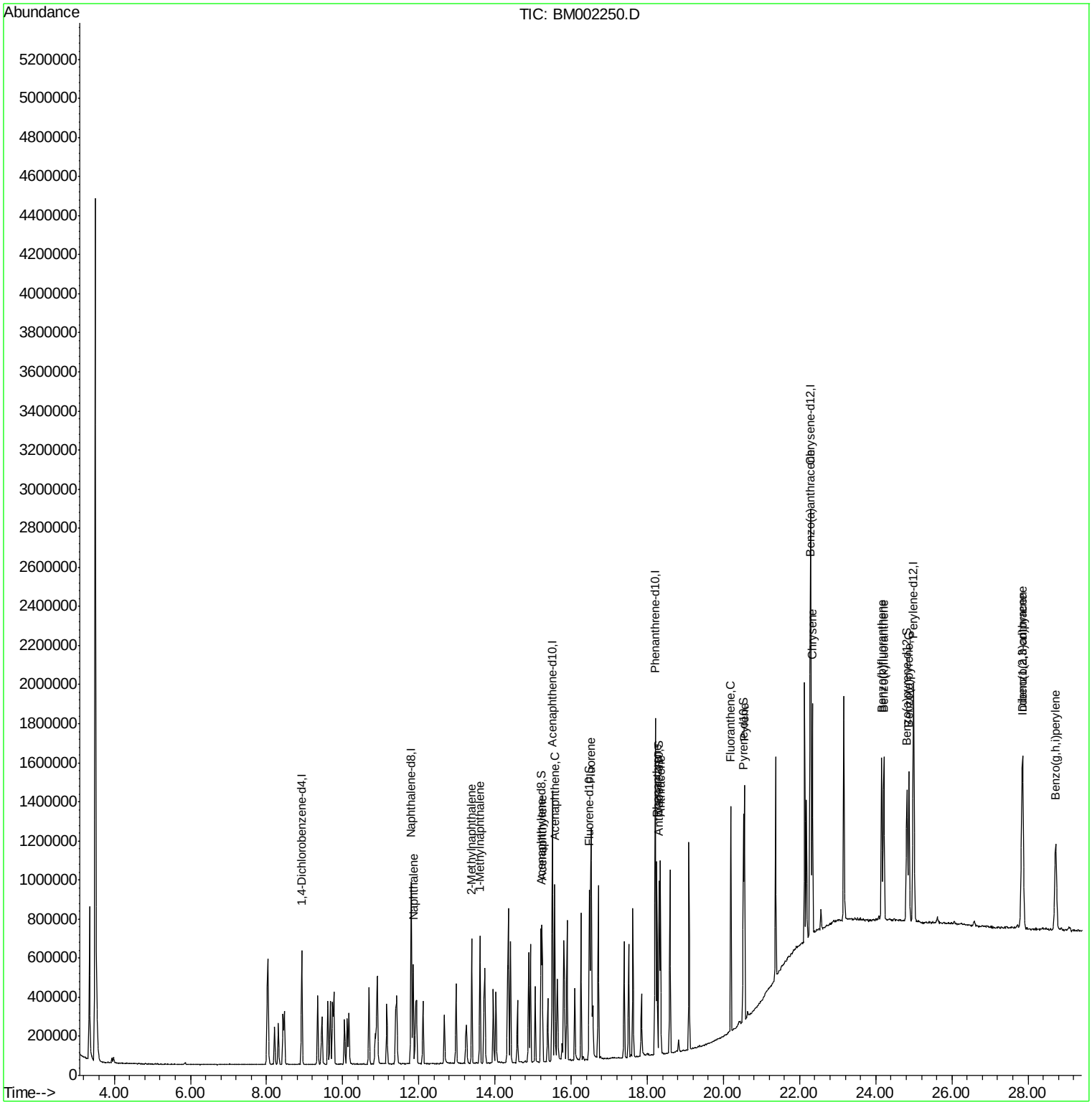
(#) = qualifier out of range (m) = manual integration (+) = signals summed

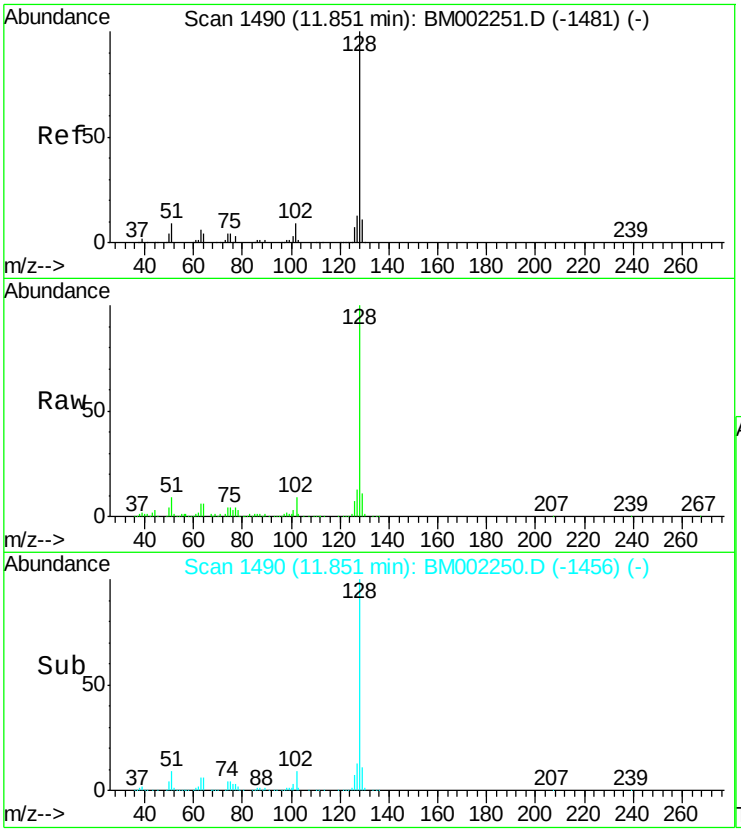
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002250.D
Acq On : 07 Aug 2015 22:54
Operator : TP/UM
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Quant Time: Aug 08 04:19:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 04:17:56 2015
Response via : Initial Calibration



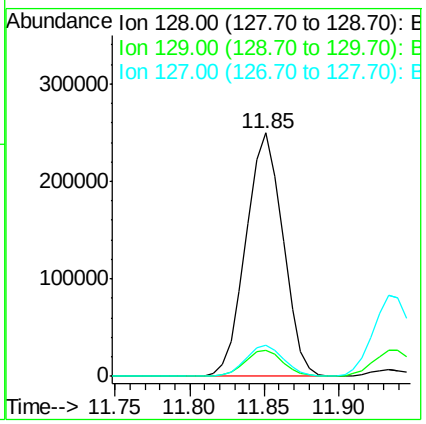


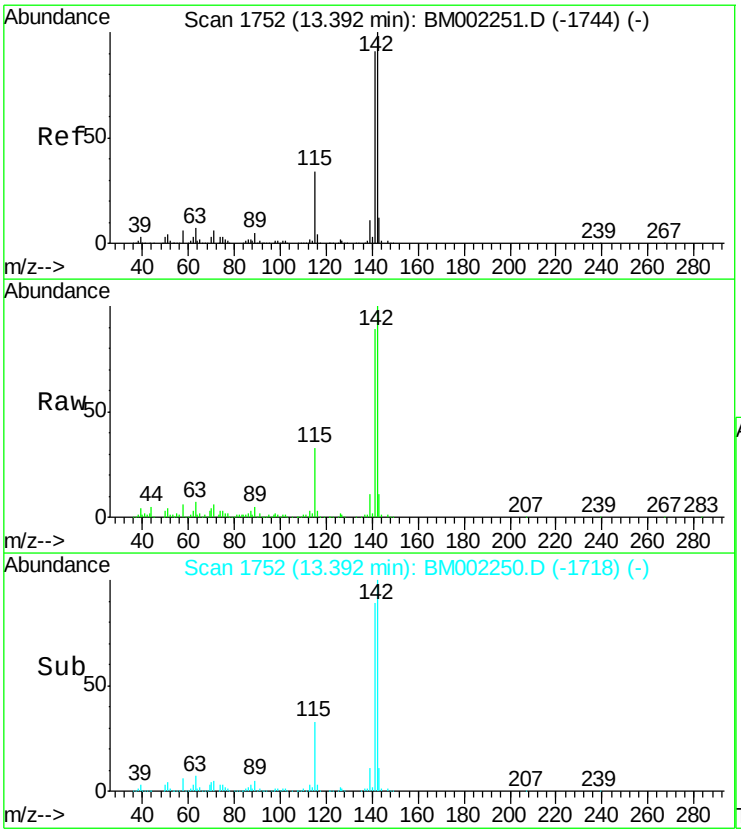
#3
Naphthalene
Concen: 10.88 ng/ul
RT: 11.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Tgt Ion:128 Resp: 430261

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	12.9	10.4	15.6

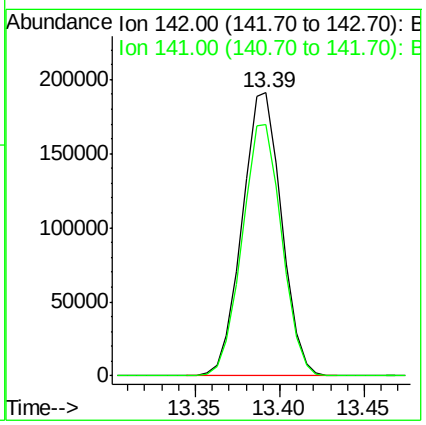


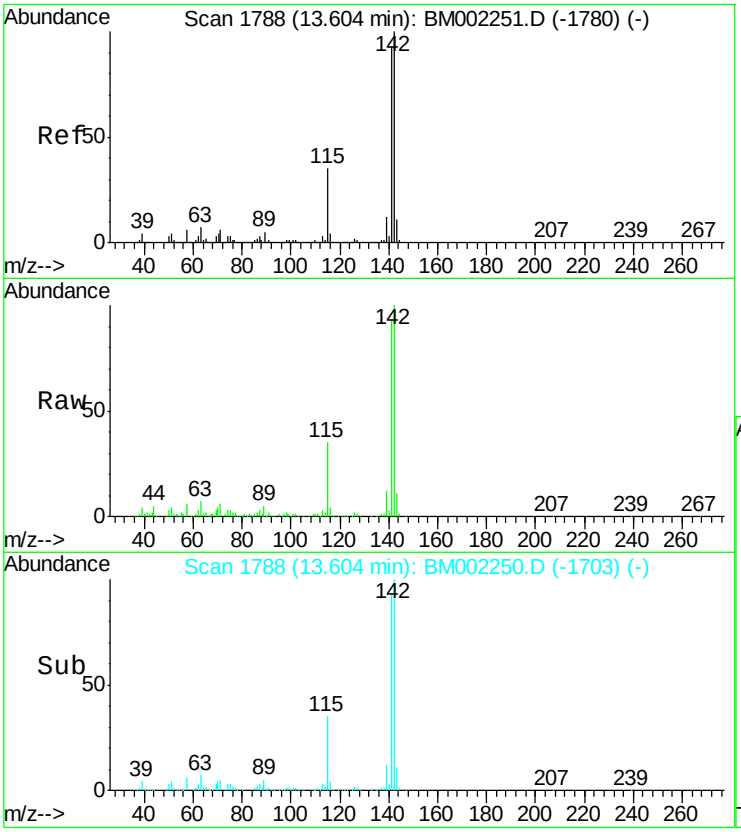


#4
2-Methylnaphthalene
Concen: 10.31 ng/ul
RT: 13.39 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Tgt Ion:142 Resp: 309673

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.5	108.7



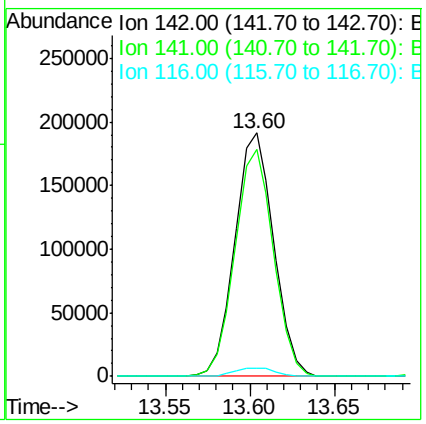


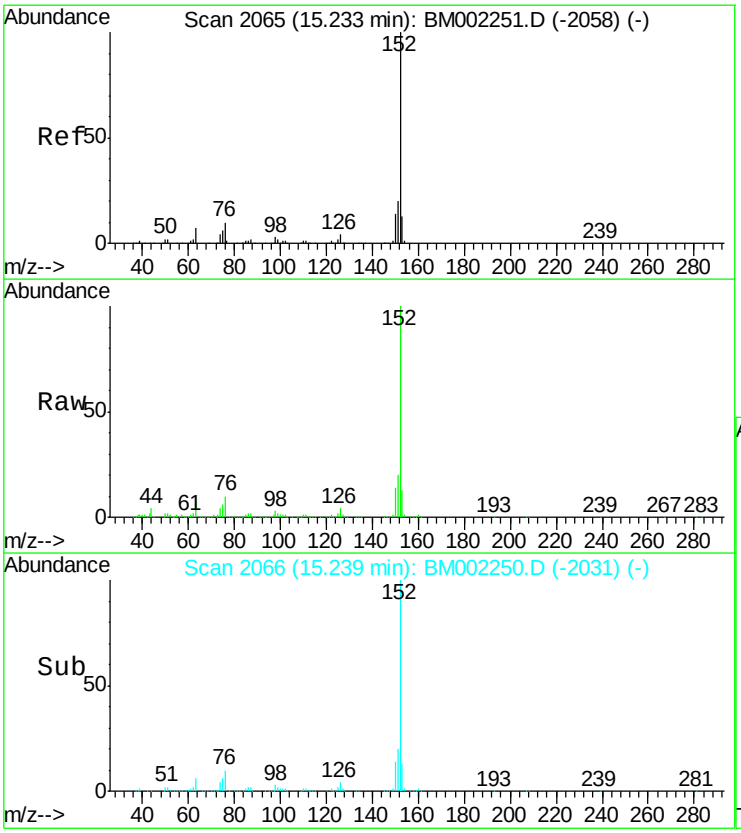
#5
1-Methylnaphthalene
Concen: 10.57 ng/ul
RT: 13.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Tgt Ion:142 Resp: 305601

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.5	111.7
116	3.6	3.0	4.4

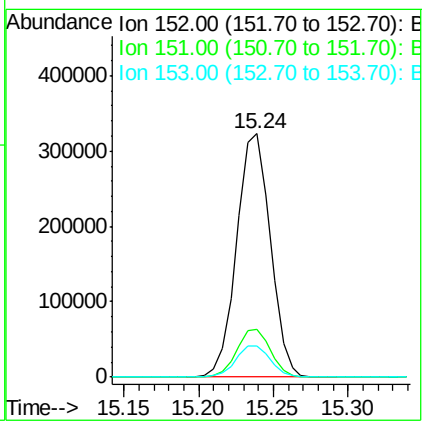


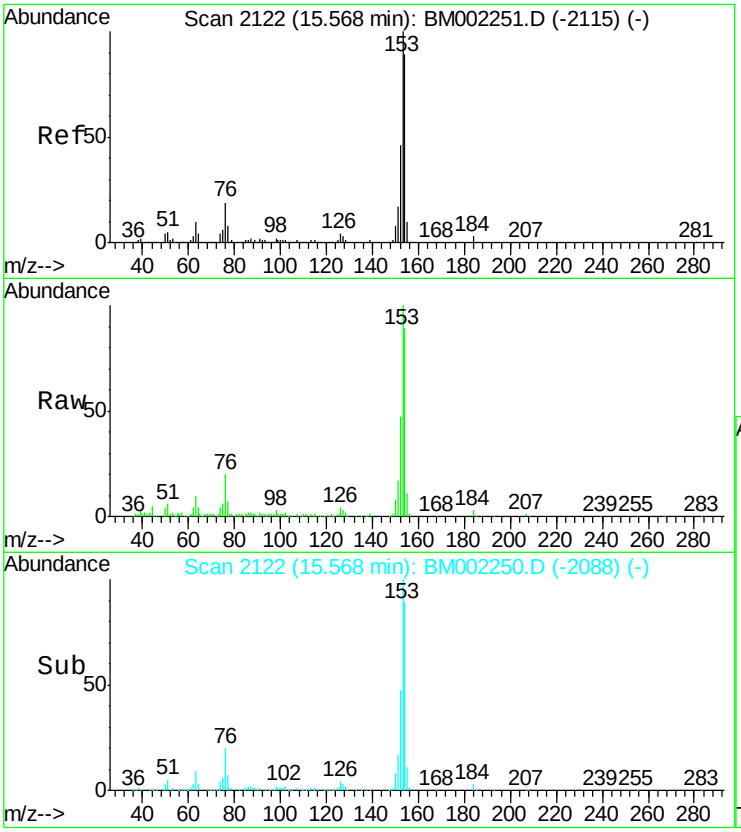


#8
Acenaphthylene
Concen: 11.27 ng/ul
RT: 15.24 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Tgt Ion:152 Resp: 506551

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	12.9	10.6	15.8



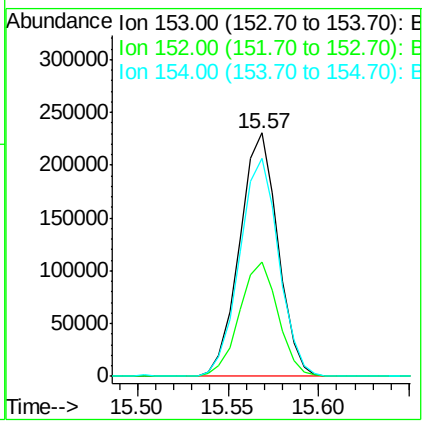


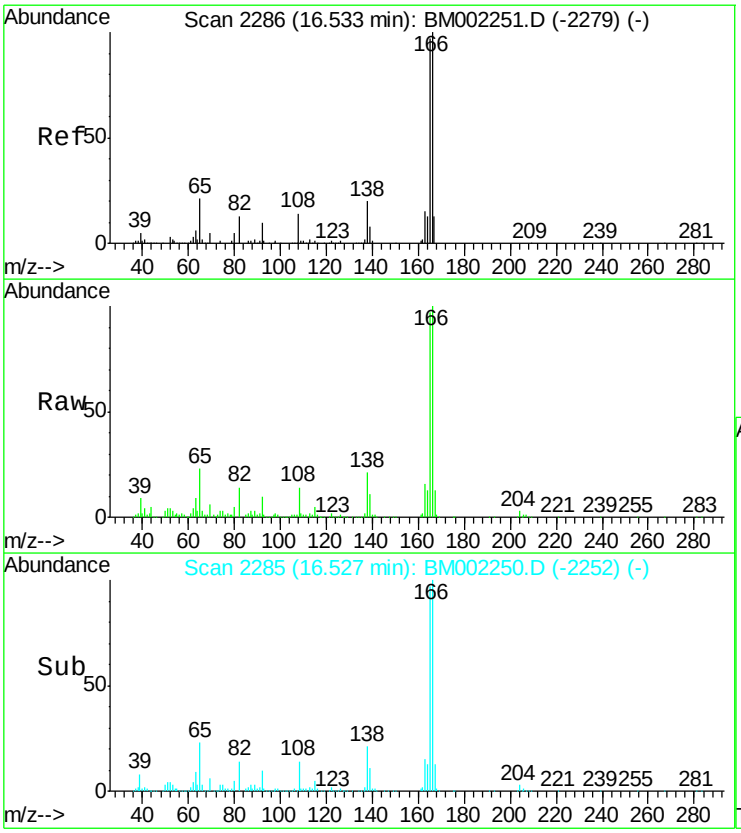
#9
Acenaphthene
Concen: 11.44 ng/ul
RT: 15.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Tgt Ion:153 Resp: 338625

Ion	Ratio	Lower	Upper
153	100		
152	46.8	36.6	55.0
154	89.3	71.5	107.3

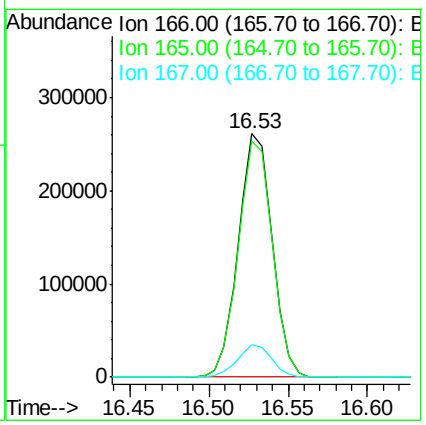


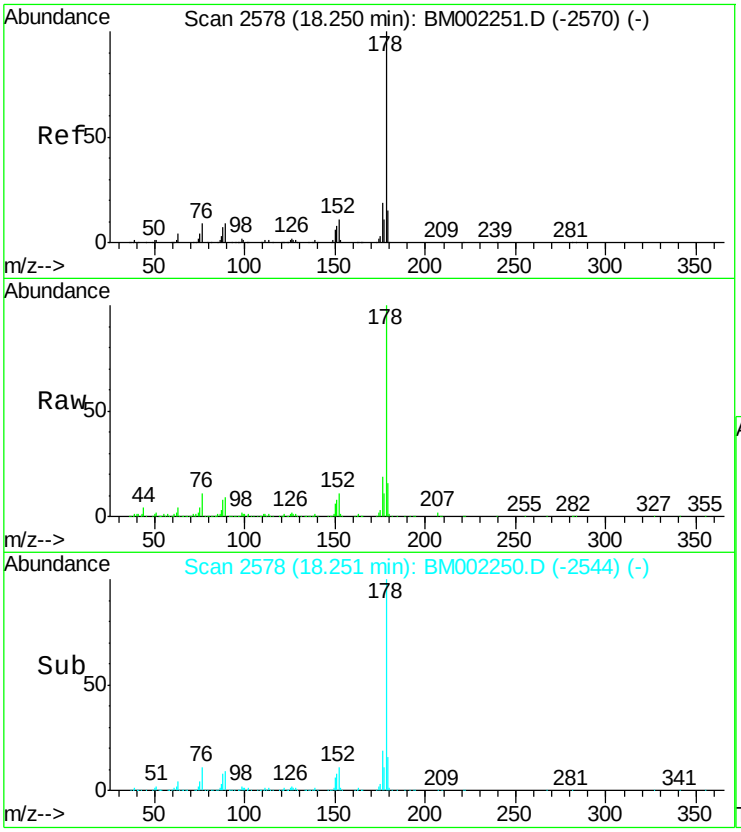


#11
Fluorene
Concen: 11.13 ng/ul
RT: 16.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Tgt Ion:166 Resp: 387888

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.5	116.3
167	13.4	10.4	15.6



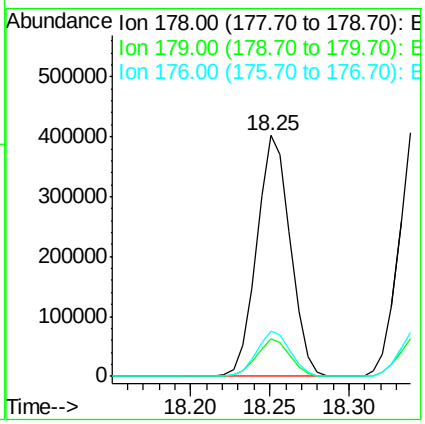


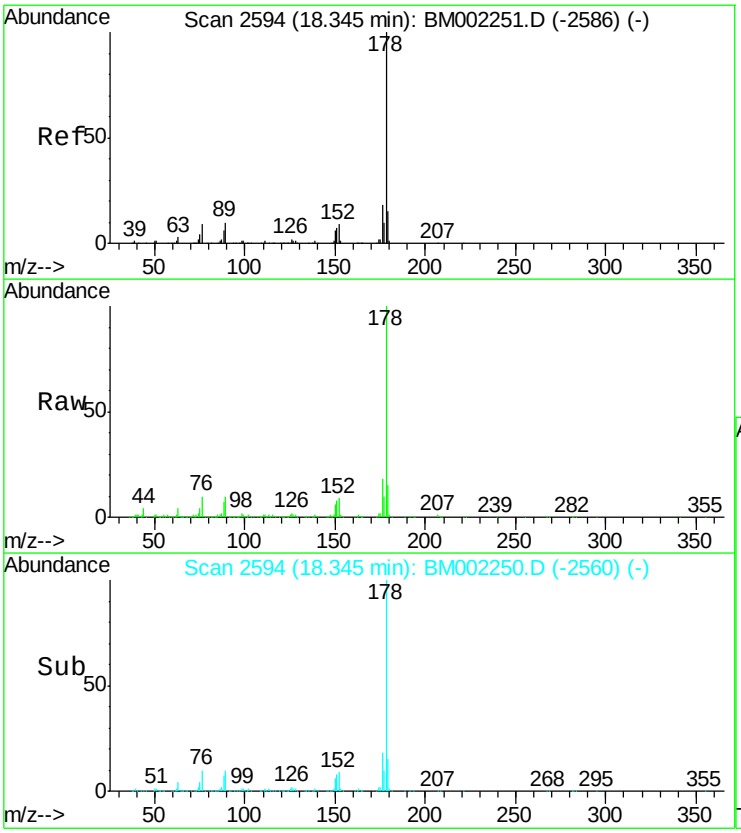
#13
Phenanthrene
Concen: 11.15 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Tgt Ion:178 Resp: 593589

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.9	15.3	22.9

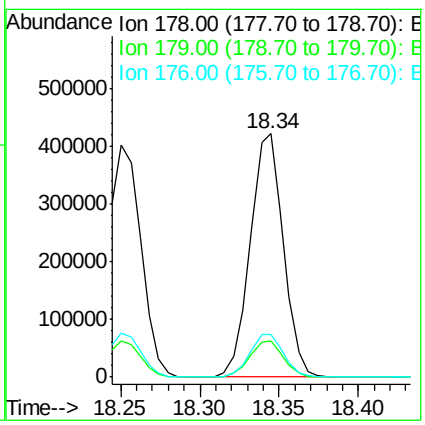


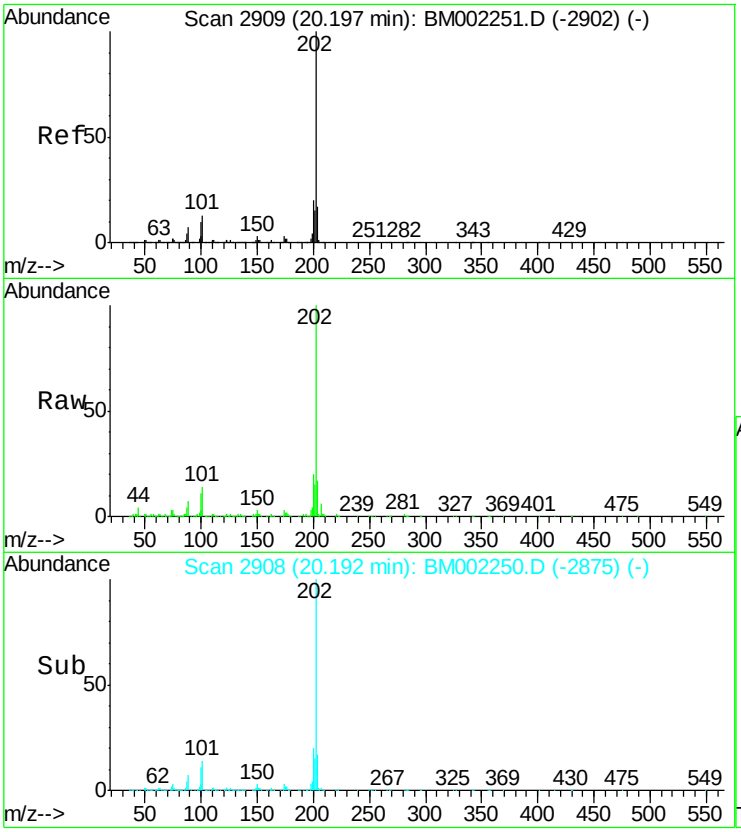


#15
Anthracene
Concen: 11.25 ng/ul
RT: 18.34 min Scan# 2594
Delta R.T. 0.00 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Tgt Ion:178 Resp: 613933

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	17.7	14.5	21.7



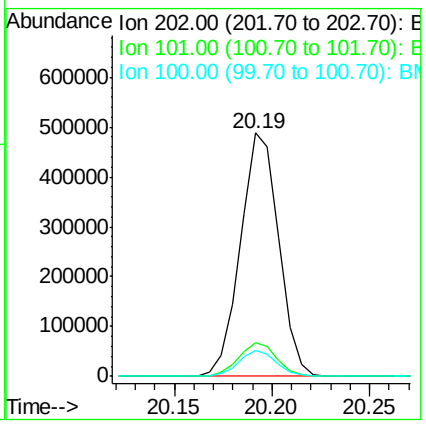


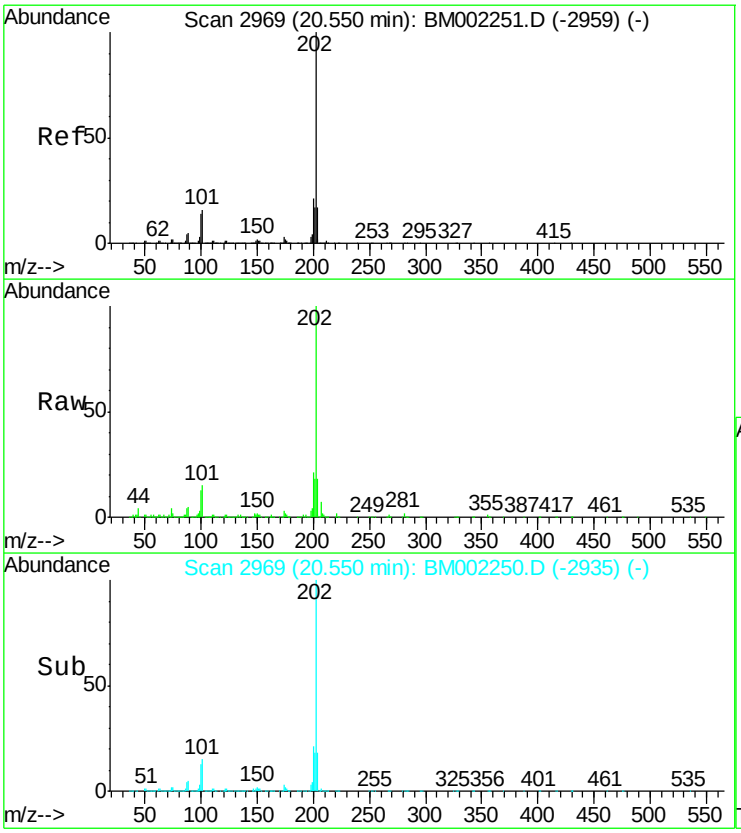
#16
Fluoranthene
Concen: 11.23 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. -0.01 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Tgt Ion:202 Resp: 662390

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	15.8
100	10.7	8.2	12.4

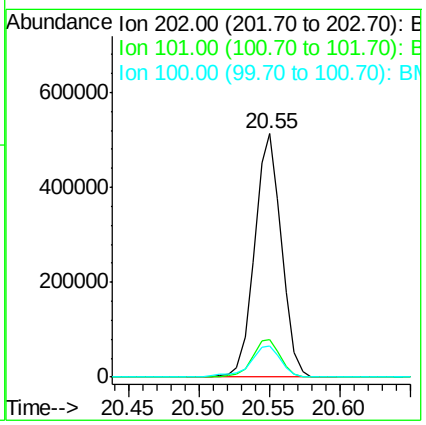


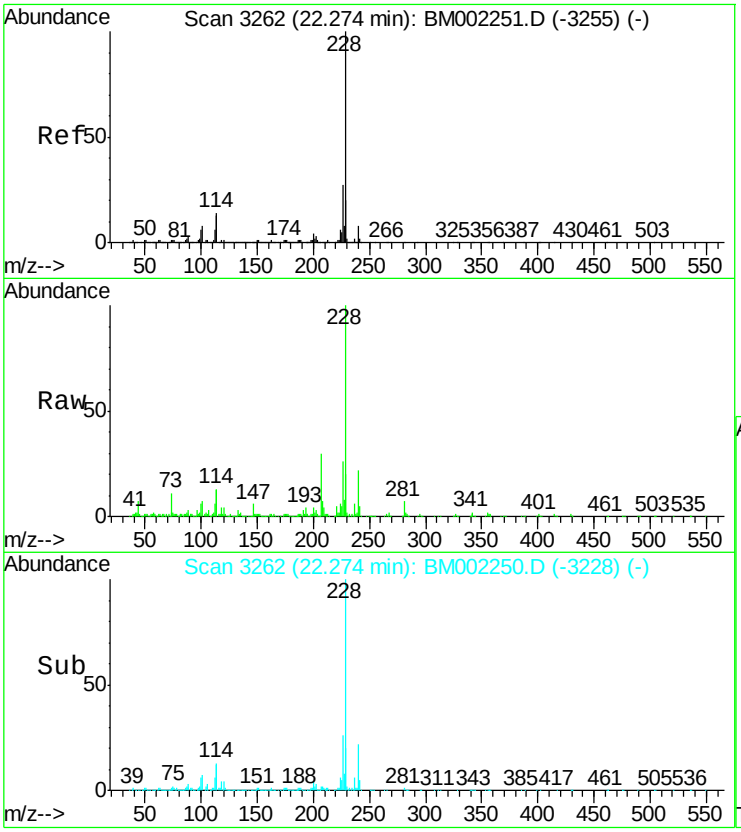


#19
Pyrene
Concen: 10.65 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Tgt Ion:202 Resp: 685950

Ion	Ratio	Lower	Upper
202	100		
101	15.4	13.0	19.6
100	12.8	11.0	16.4



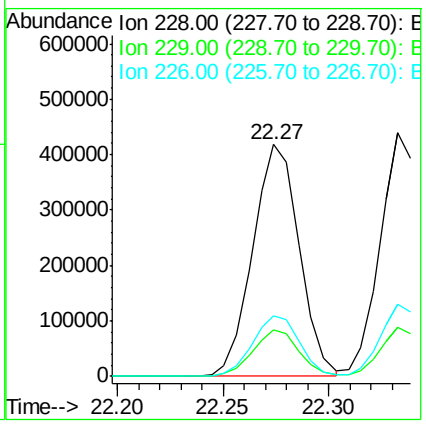


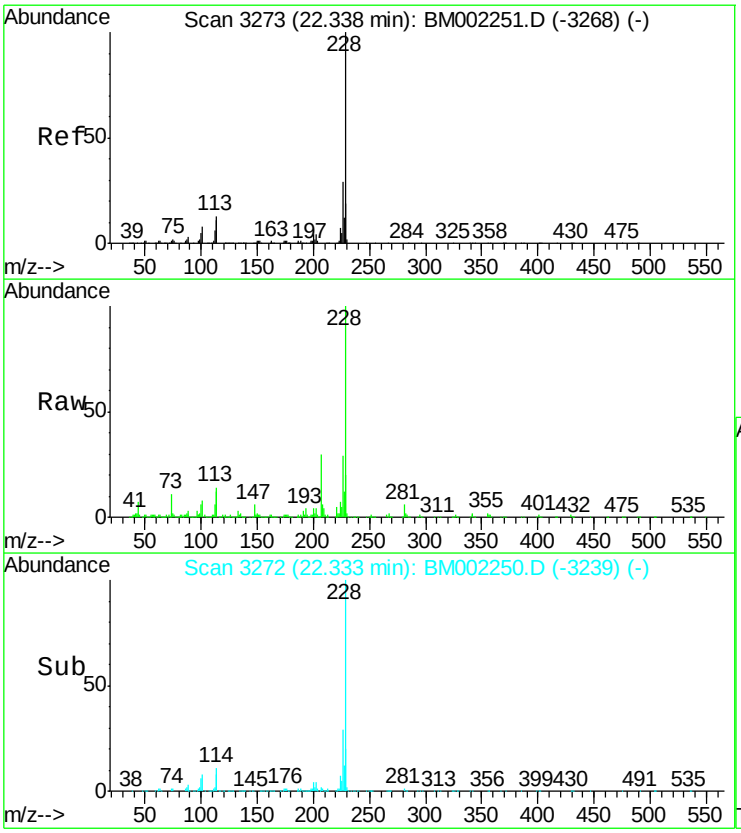
#20
Benzo(a)anthracene
Concen: 10.80 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Tgt Ion:228 Resp: 640665

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	26.3	21.4	32.0

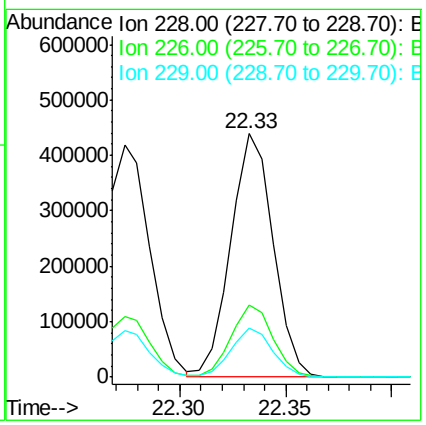


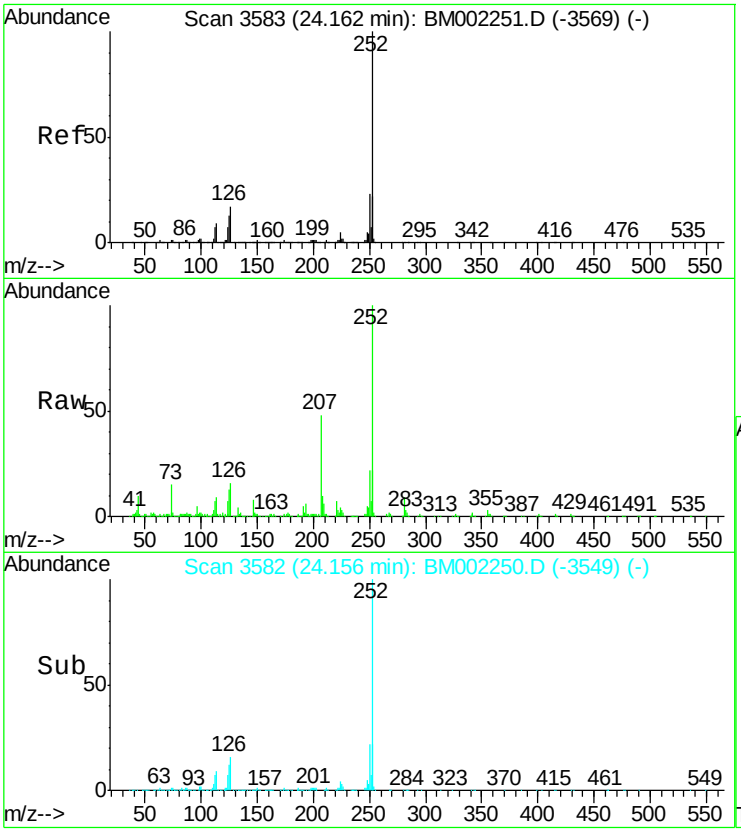


#21
Chrysene
Concen: 11.12 ng/ul
RT: 22.33 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Tgt Ion:228 Resp: 609054

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	20.1	15.5	23.3



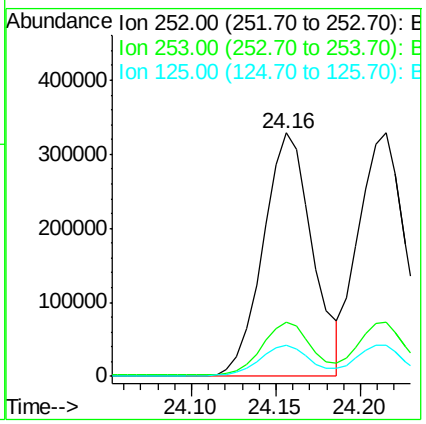


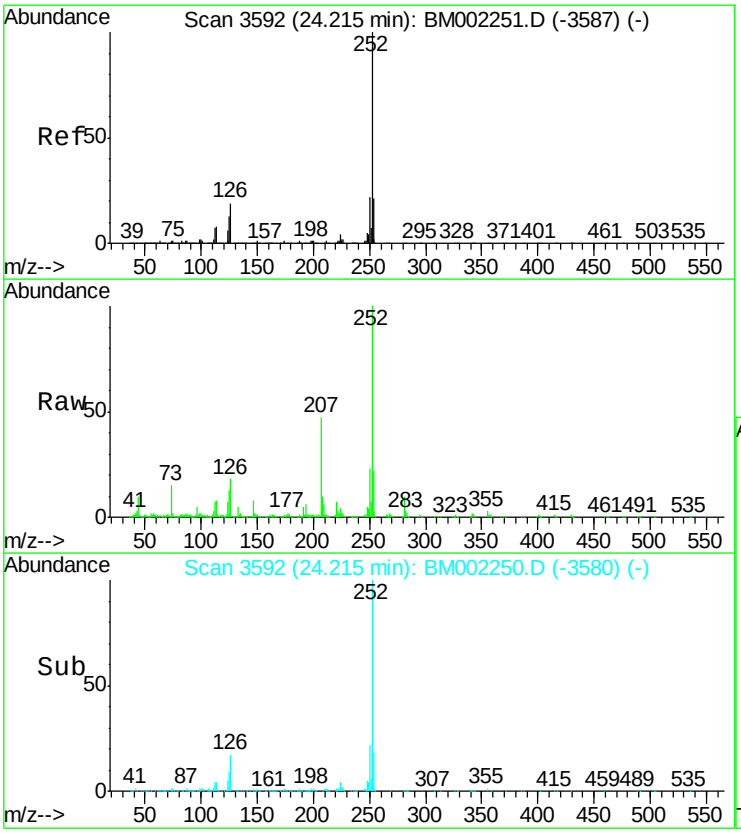
#23
Benzo(b)fluoranthene
Concen: 11.03 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. -0.01 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Tgt Ion:252 Resp: 665122

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.8	10.3	15.5

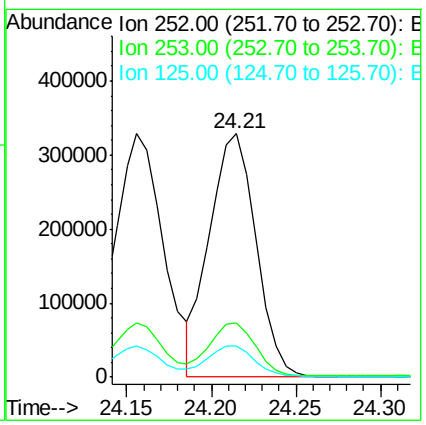


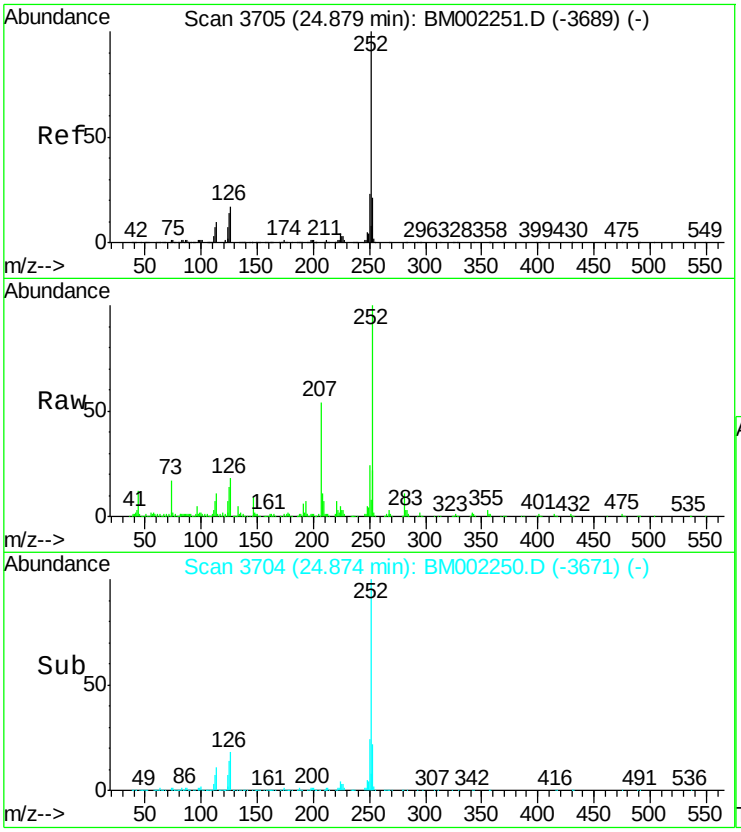


#24
Benzo(k)fluoranthene
Concen: 10.65 ng/ul
RT: 24.21 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Tgt Ion:252 Resp: 626343

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	12.5	10.2	15.4



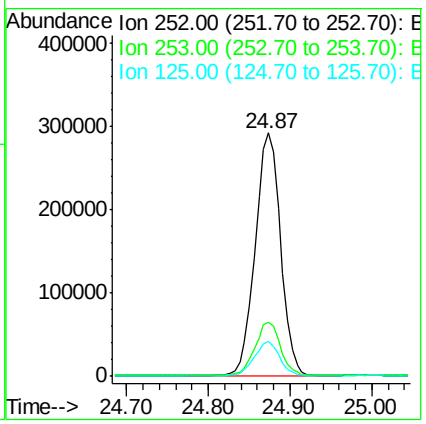


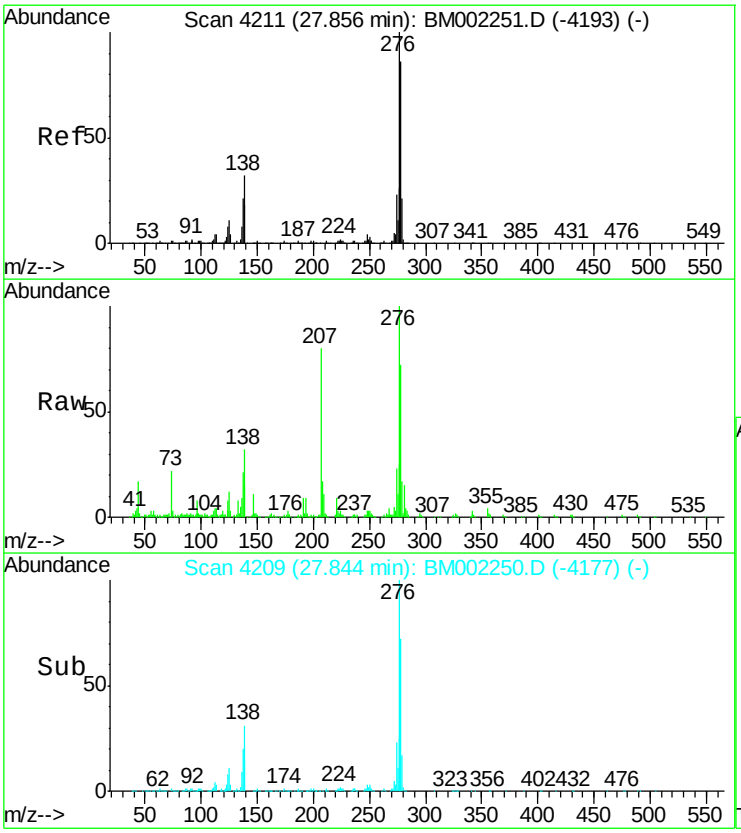
#26
Benzo(a)pyrene
Concen: 10.92 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Instrument :
BNA_M
ClientSampleId :
SSTD01008

Tgt Ion:252 Resp: 630739

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	14.2	11.0	16.6

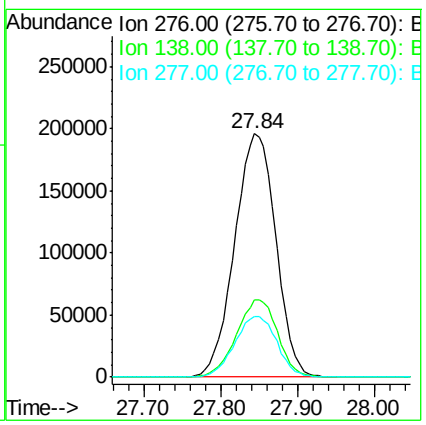


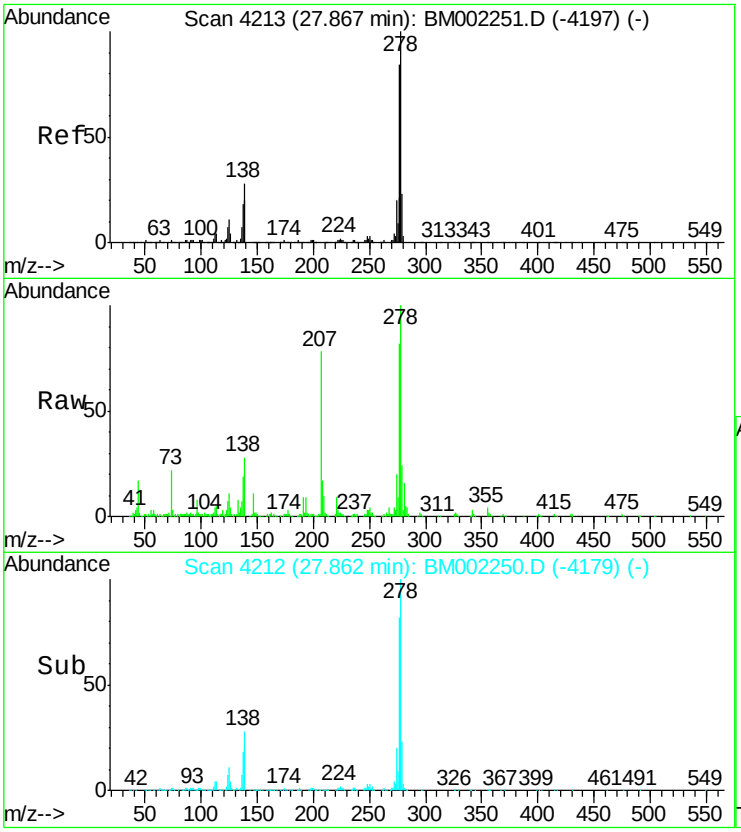


#27
Indeno(1,2,3-cd)pyrene
Concen: 11.19 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Tgt Ion:276 Resp: 732626

Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.6	38.4
277	24.9	21.0	31.4



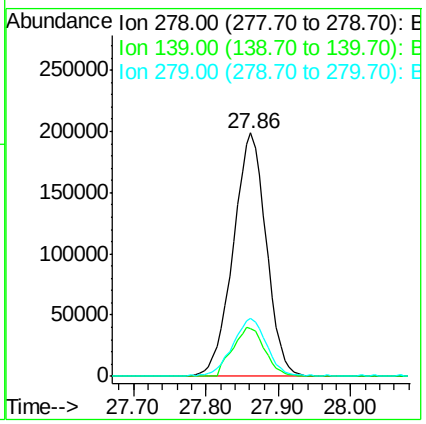


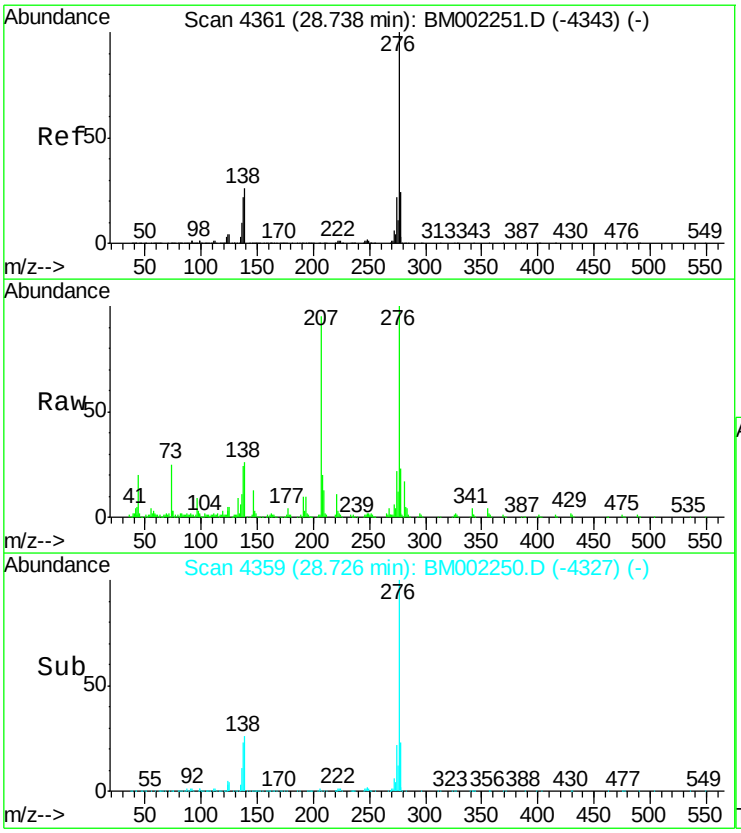
#28
Dibenzo(a,h)anthracene
Concen: 11.27 ng/ul
RT: 27.86 min Scan# 4212
Delta R.T. -0.01 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Instrument :
BNA_M
ClientSampleId :
SSTD01008

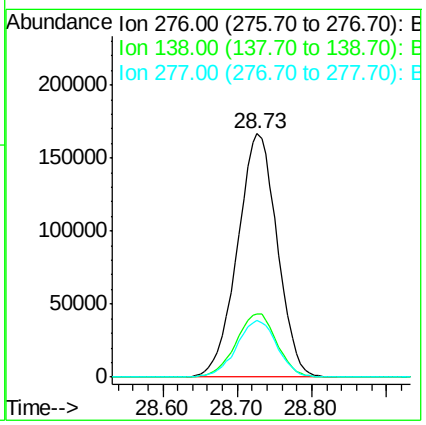
Tgt Ion:278 Resp: 626834

Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.4	24.6
279	23.7	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 11.27 ng/ul
RT: 28.73 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BM002250.D
Acq: 07 Aug 2015 22:54

Tgt Ion:276 Resp: 615598

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.5	30.7
277	23.5	19.0	28.6