Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002253.D
Acq On : 08 Aug 2015 00:43
Operator : TP/UM
Sample : SSTD08011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08011

Quant Time: Aug 08 04:19:39 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	185165	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	892452	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	497353	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.22	188	1062646	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1048379	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	1039002	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.22	160	3820676	80.53	ng/ul	0.00
10) Fluorene-d10	16.48	176	2591719	78.08	ng/ul	0.00
14) Anthracene-d10	18.32	188	3739498	76.45	ng/ul	0.00
18) Pyrene-d10	20.53	212	3803736	74.89	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.84	264	4195664	80.59	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.86	128	3581951	82.18	ng/ul	99
4) 2-Methylnaphthalene	13.39	142	2525413	76.32	ng/ul	99
5) 1-Methylnaphthalene	13.61	142	2485381	77.97	ng/ul	99
8) Acenaphthylene	15.24	152	3983200	81.87	ng/ul	99
9) Acenaphthene	15.57	153	2675401	83.53	ng/ul	98
11) Fluorene	16.54	166	2950116	78.20	ng/ul	99
13) Phenanthrene	18.26	178	4464446	78.73	ng/ul	99
15) Anthracene	18.35	178	4564827	78.52	ng/ul	98
16) Fluoranthene	20.20	202	4848262	77.16	ng/ul	96
19) Pyrene	20.56	202	4932158	75.06	ng/ul	97
20) Benzo(a)anthracene	22.29	228	4718063	78.01	ng/ul	98
21) Chrysene	22.35	228	4439081	79.47	ng/ul	98
23) Benzo(b)fluoranthene	24.17	252	4953533	82.09	ng/ul	99
24) Benzo(k)fluoranthene	24.23	252	4581526	77.85	ng/ul	98
26) Benzo(a)pyrene	24.90	252	4620235	79.95	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.89	276	4911604	75.02	ng/ul	96
28) Dibenzo(a,h)anthracene	27.90	278	4121577	74.06	ng/ul	99
29) Benzo(g,h,i)perylene	28.77	276	4112753	75.28	ng/ul	98

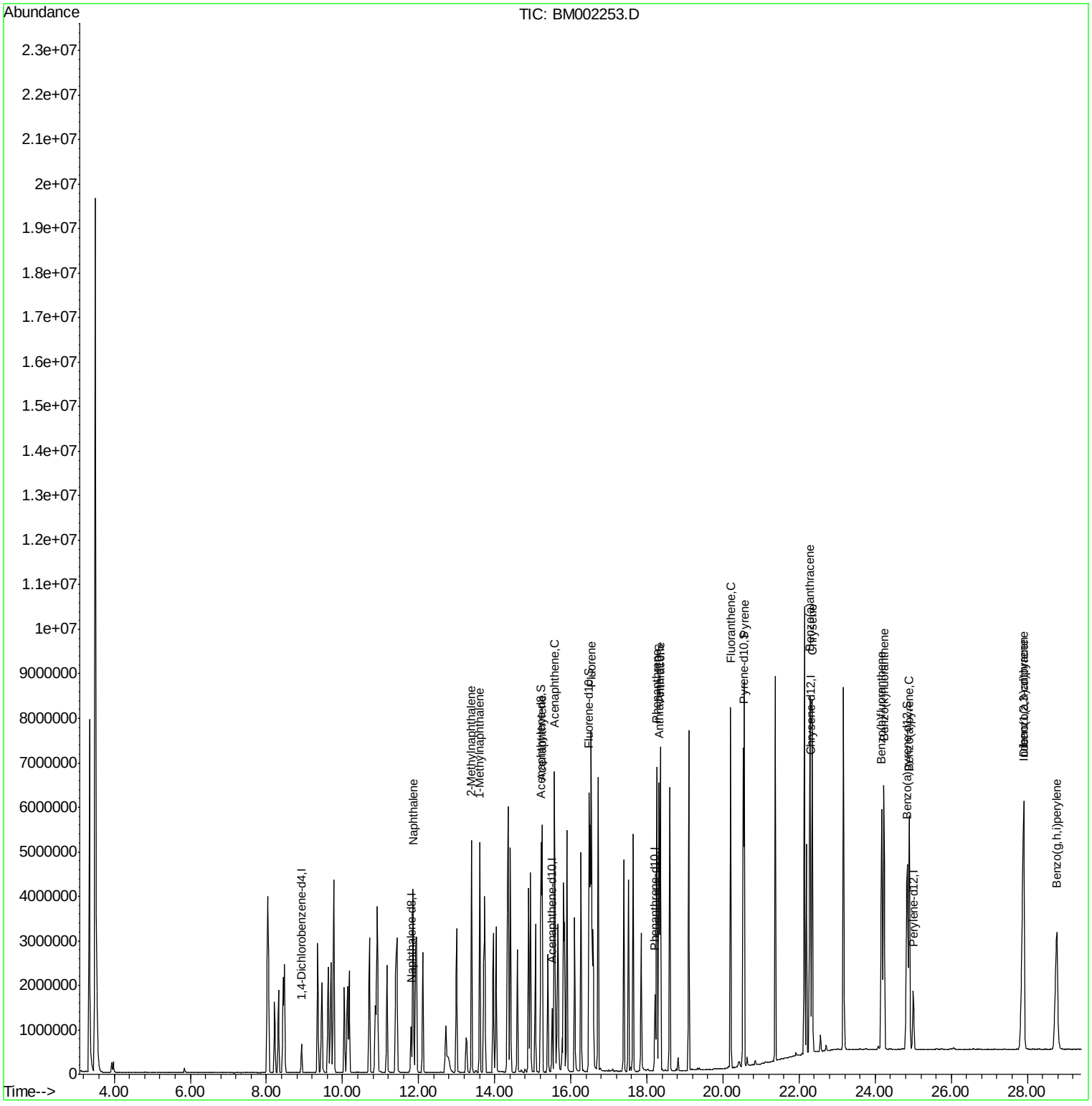
(#) = qualifier out of range (m) = manual integration (+) = signals summed

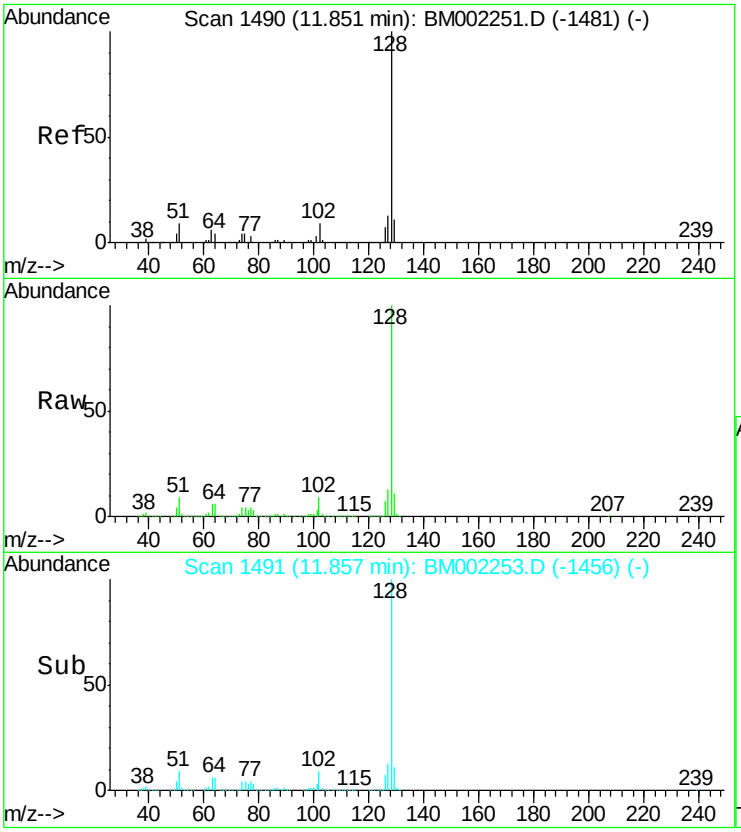
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002253.D
Acq On : 08 Aug 2015 00:43
Operator : TP/UM
Sample : SSTD08011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Quant Time: Aug 08 04:19:39 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



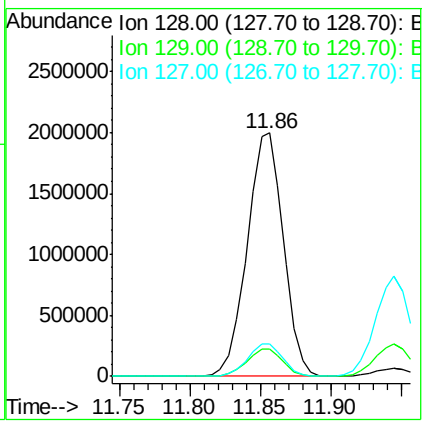


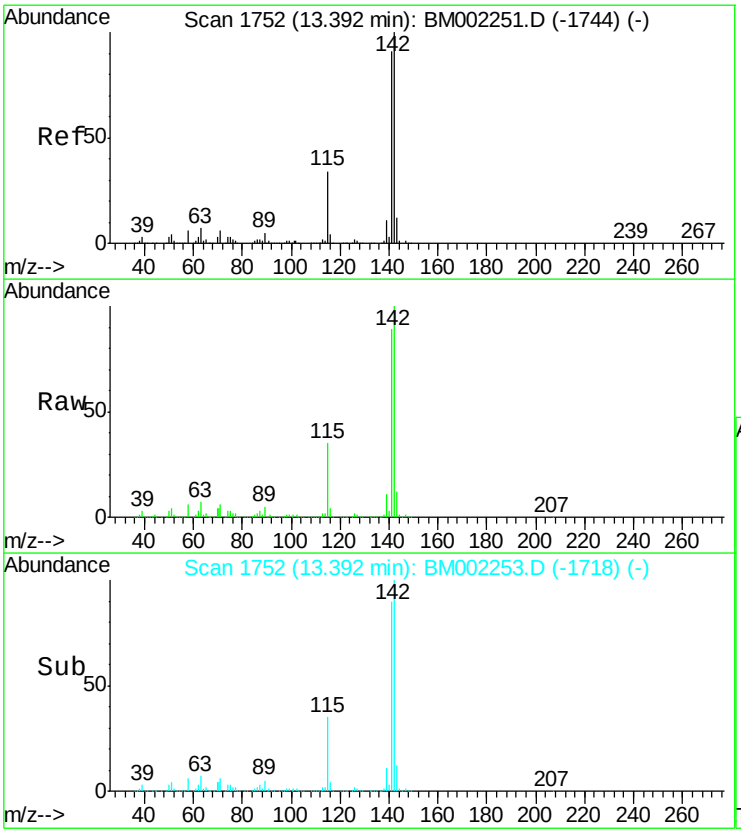
#3
Naphthalene
Concen: 82.18 ng/ul
RT: 11.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Tgt Ion:128 Resp: 3581951

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.4	10.4	15.6

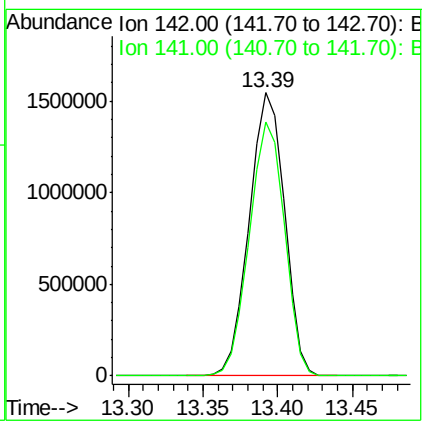


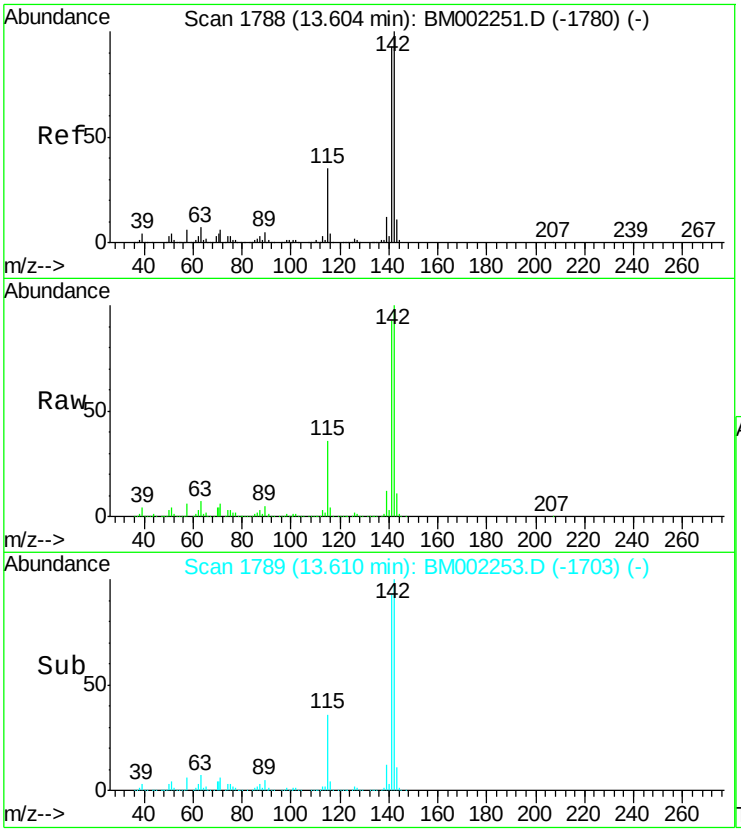


#4
2-Methylnaphthalene
Concen: 76.32 ng/ul
RT: 13.39 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Tgt Ion:142 Resp: 2525413

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.5	108.7



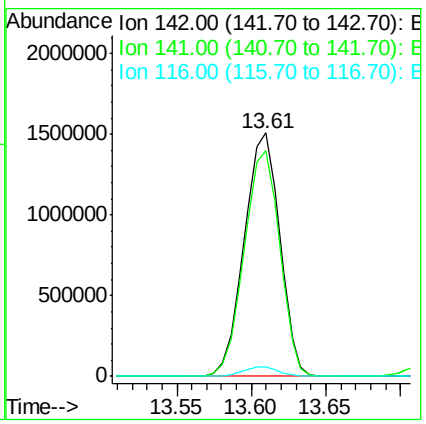


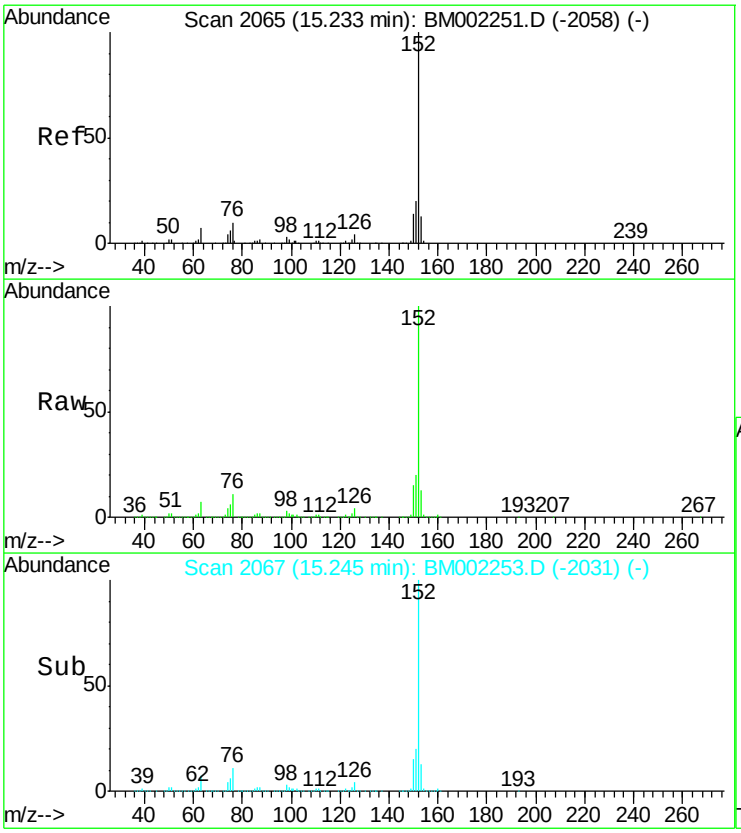
#5
1-Methylnaphthalene
Concen: 77.97 ng/ul
RT: 13.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Tgt Ion:142 Resp: 2485381

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.5	111.7
116	3.8	3.0	4.4

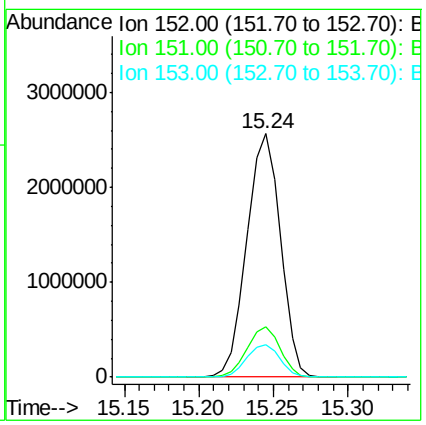


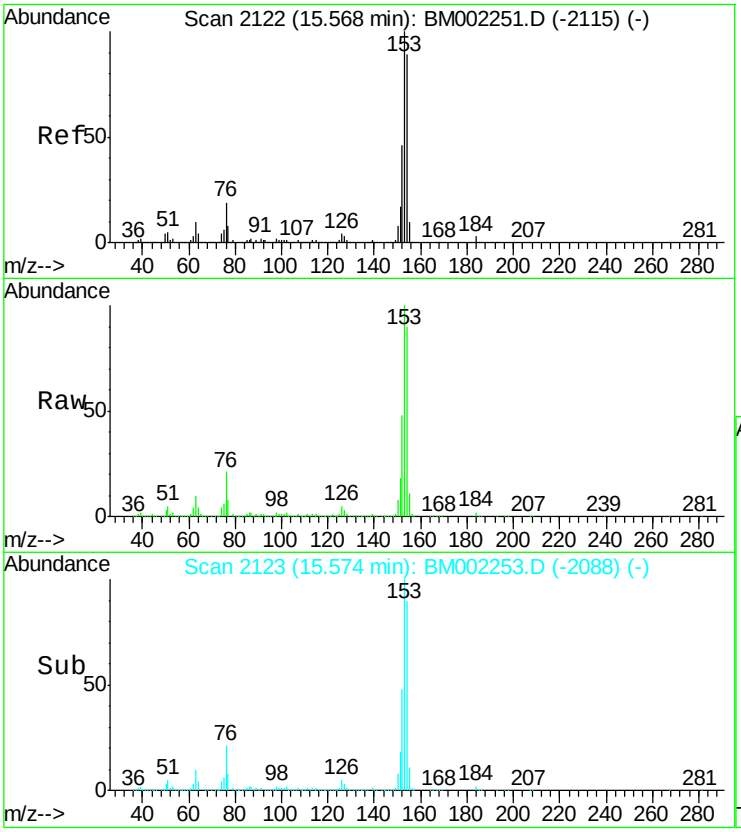


#8
Acenaphthylene
Concen: 81.87 ng/ul
RT: 15.24 min Scan# 2067
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Tgt Ion:152 Resp: 3983200

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.5	10.6	15.8



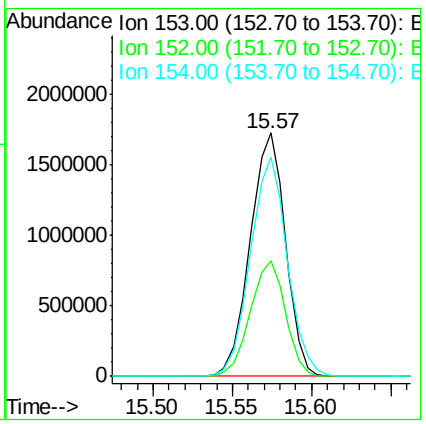


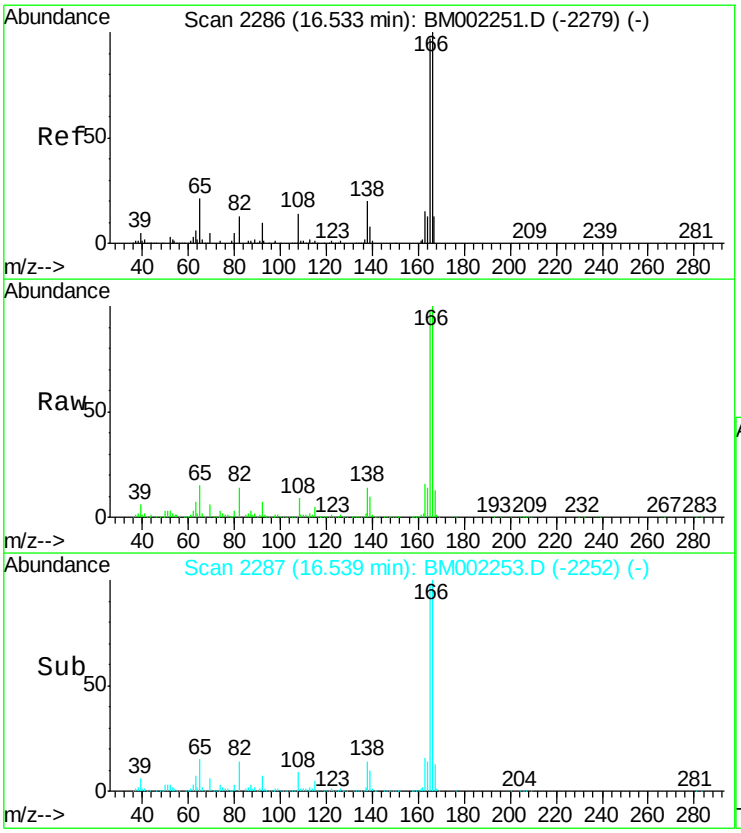
#9
Acenaphthene
Concen: 83.53 ng/ul
RT: 15.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Tgt Ion:153 Resp: 2675401

Ion	Ratio	Lower	Upper
153	100		
152	47.7	36.6	55.0
154	90.2	71.5	107.3

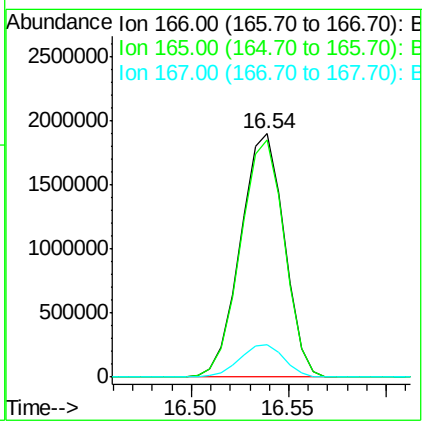


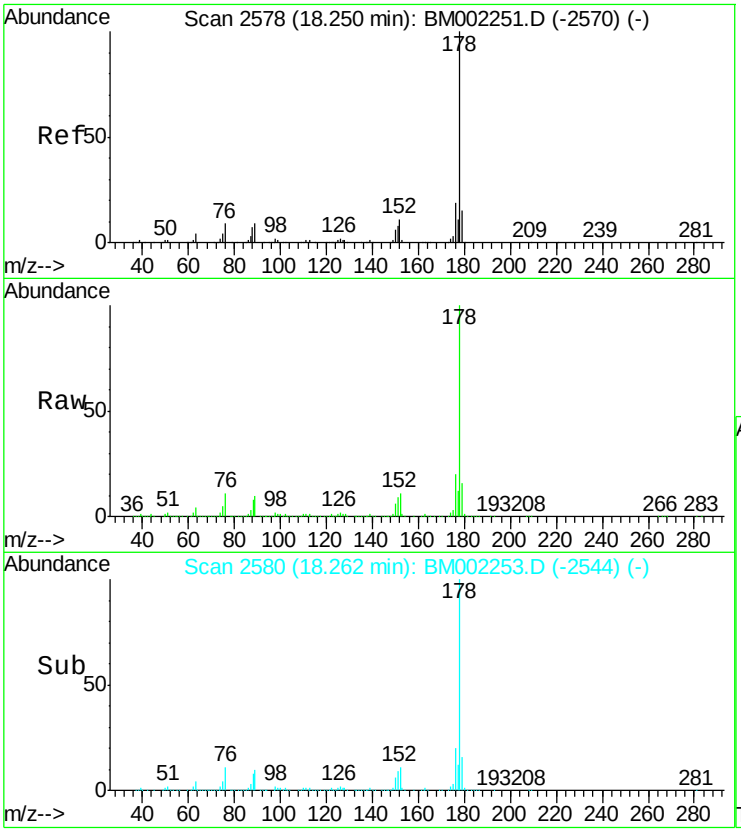


#11
Fluorene
Concen: 78.20 ng/ul
RT: 16.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Tgt Ion:166 Resp: 2950116

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.5	116.3
167	13.3	10.4	15.6



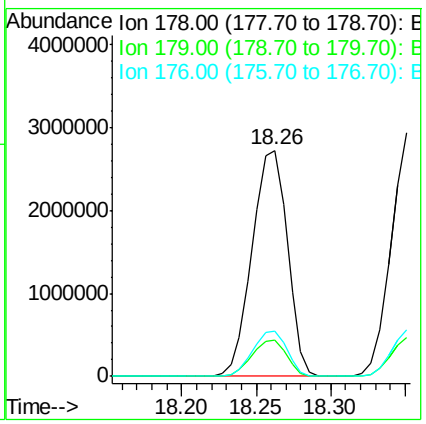


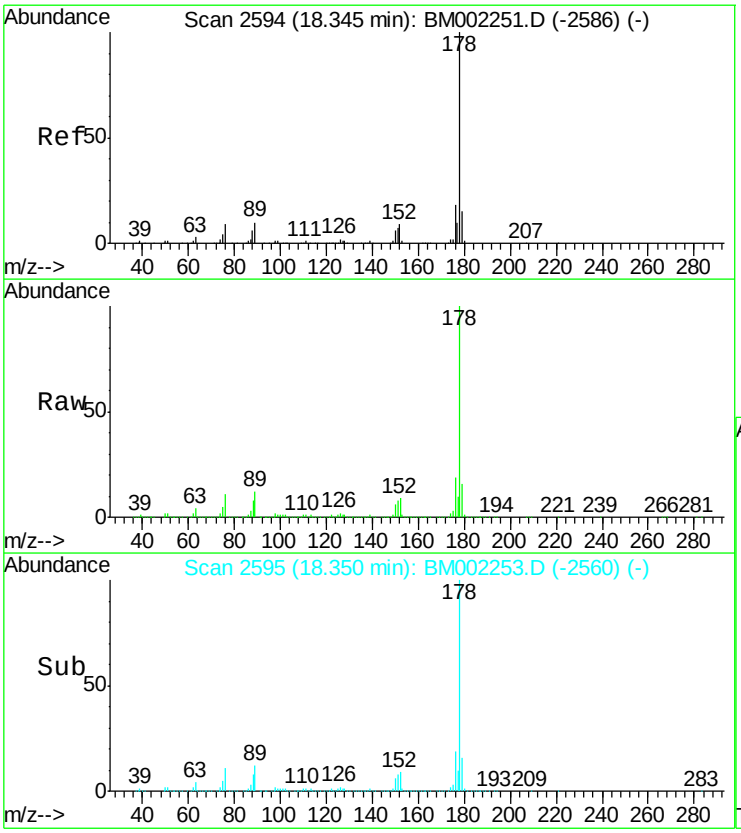
#13
Phenanthrene
Concen: 78.73 ng/ul
RT: 18.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Tgt Ion:178 Resp: 4464446

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.8	15.3	22.9

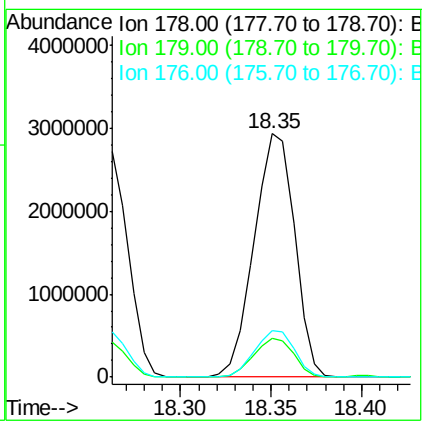


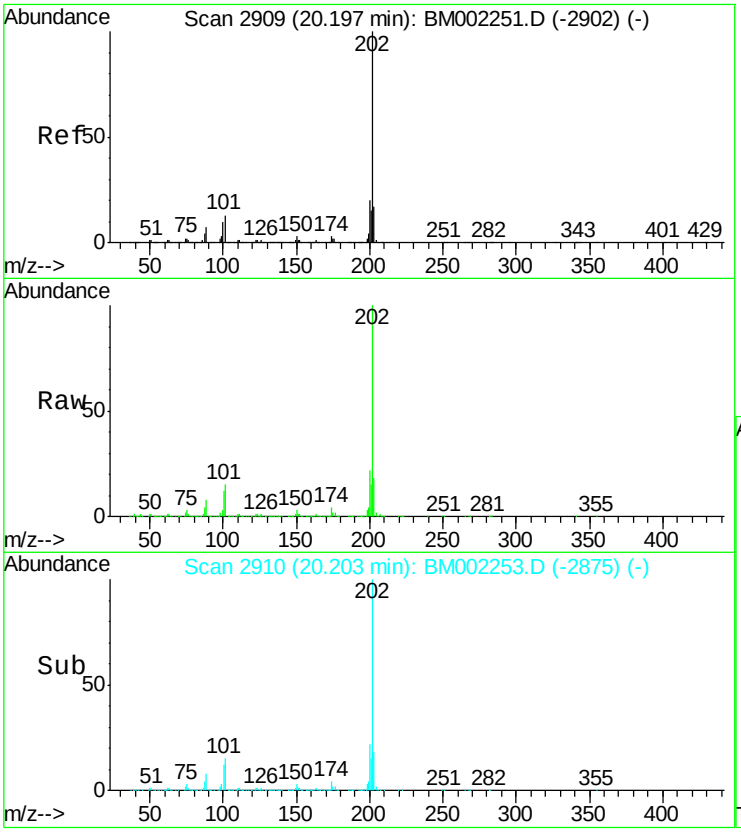


#15
Anthracene
Concen: 78.52 ng/ul
RT: 18.35 min Scan# 2595
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Tgt Ion:178 Resp: 4564827

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.2	14.5	21.7



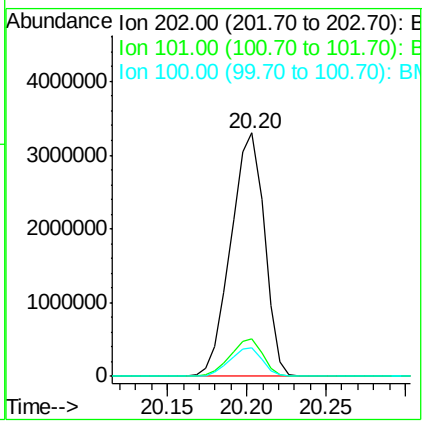


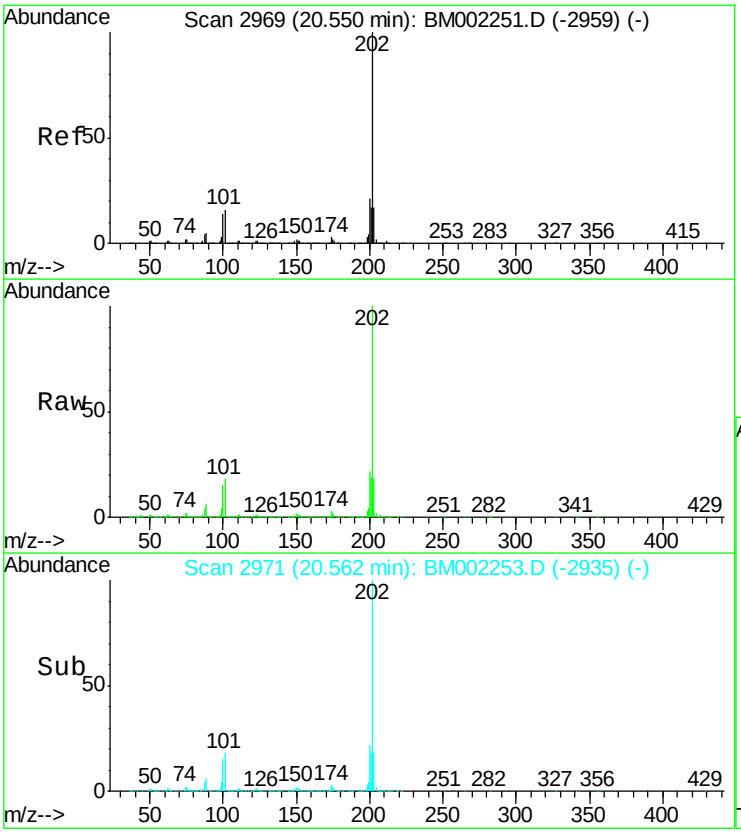
#16
Fluoranthene
Concen: 77.16 ng/ul
RT: 20.20 min Scan# 2910
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Tgt Ion:202 Resp: 4848262

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.6	15.8
100	11.7	8.2	12.4

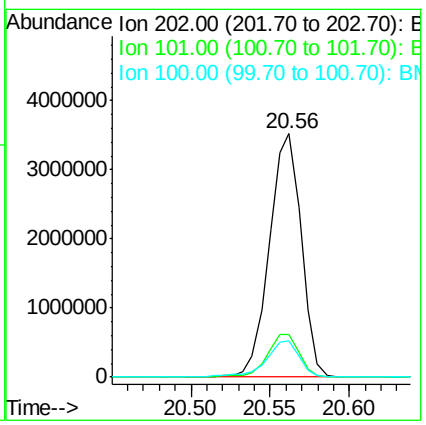


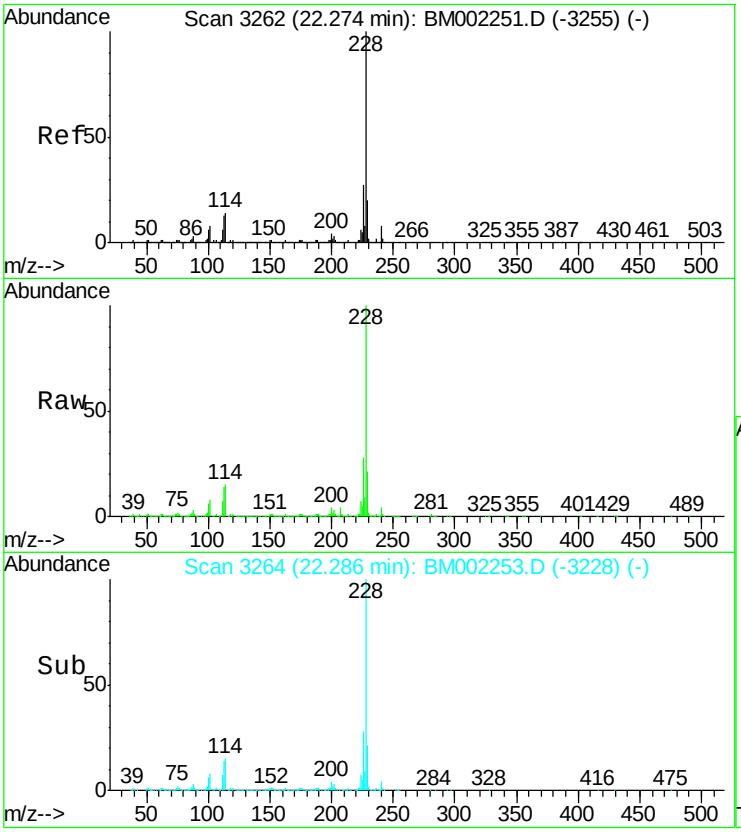


#19
Pyrene
Concen: 75.06 ng/ul
RT: 20.56 min Scan# 2971
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Tgt Ion:202 Resp: 4932158

Ion	Ratio	Lower	Upper
202	100		
101	17.6	13.0	19.6
100	14.6	11.0	16.4



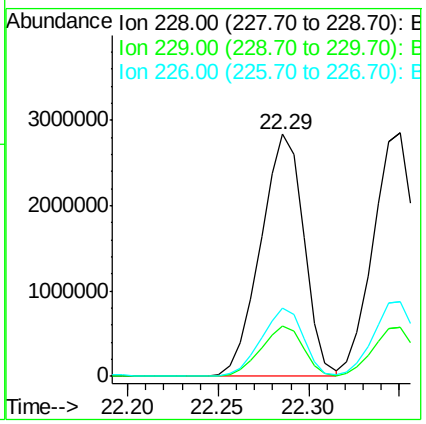


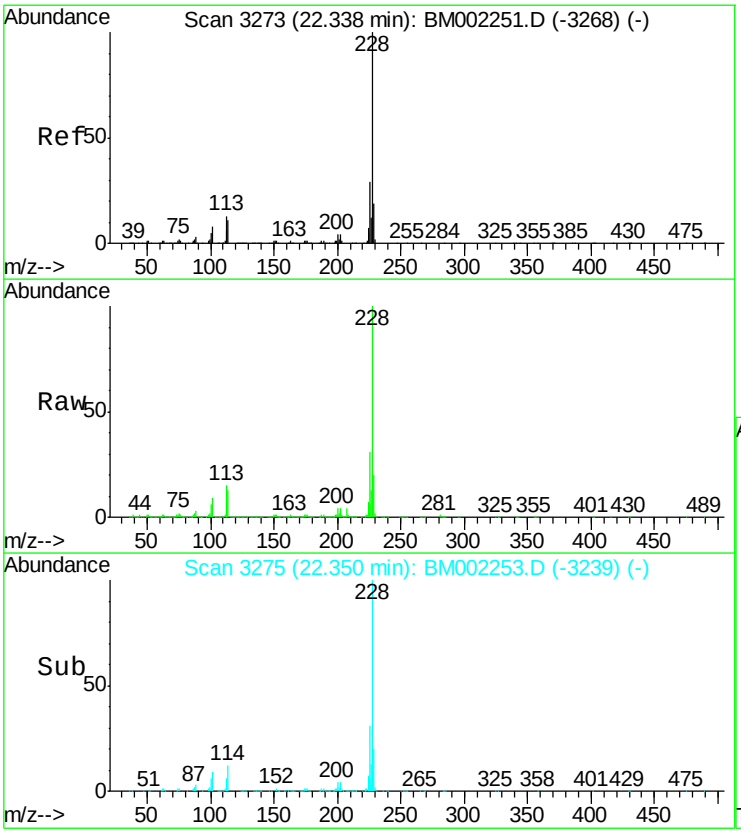
#20
Benzo(a)anthracene
Concen: 78.01 ng/ul
RT: 22.29 min Scan# 3264
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Tgt Ion:228 Resp: 4718063

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	28.2	21.4	32.0

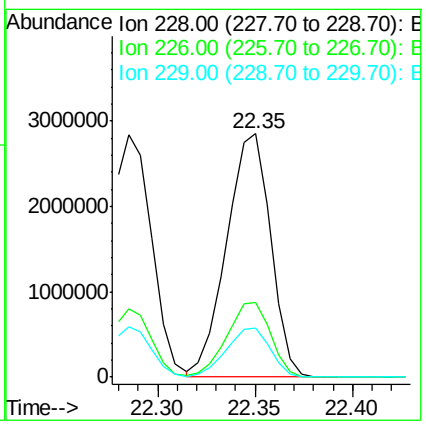


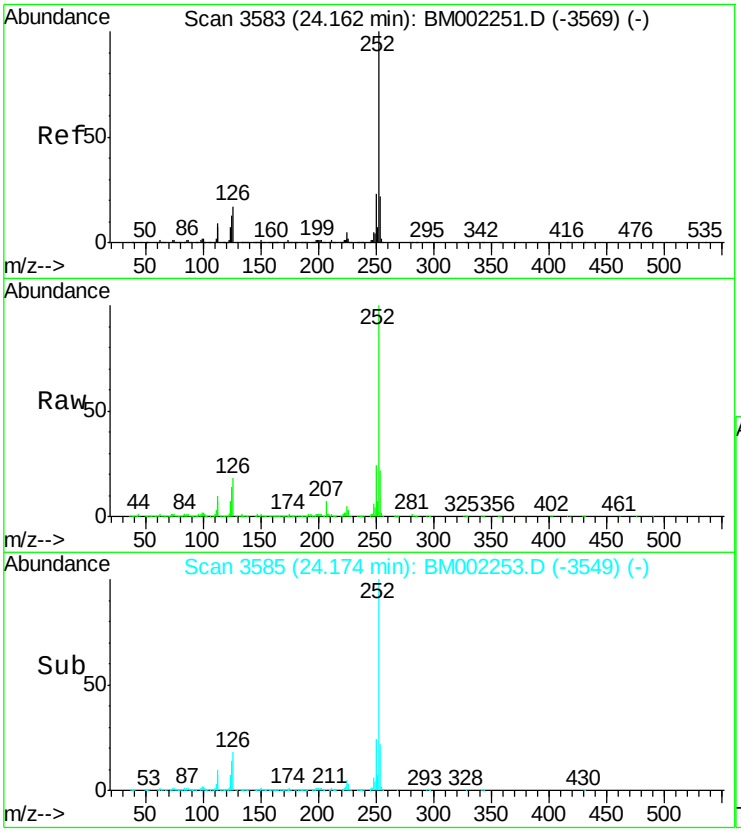


#21
Chrysene
Concen: 79.47 ng/ul
RT: 22.35 min Scan# 3275
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Tgt Ion:228 Resp: 4439081

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	20.0	15.5	23.3



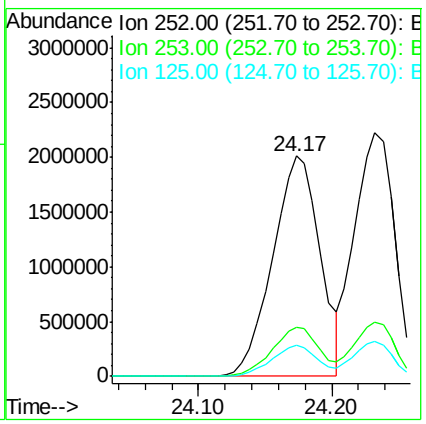


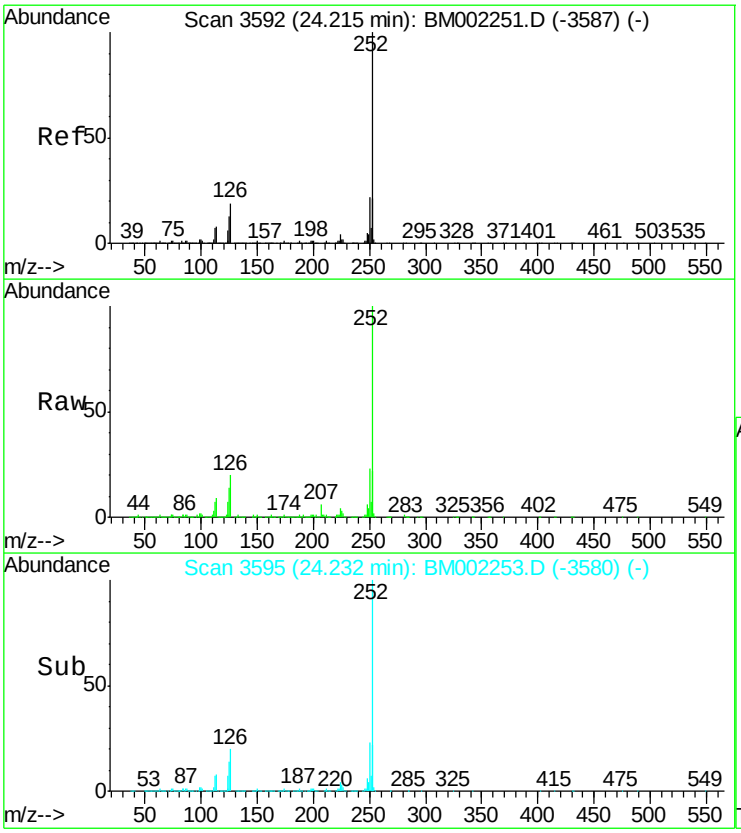
#23
Benzo(b)fluoranthene
Concen: 82.09 ng/ul
RT: 24.17 min Scan# 3585
Delta R.T. 0.01 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Tgt Ion:252 Resp: 4953533

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.4	10.3	15.5

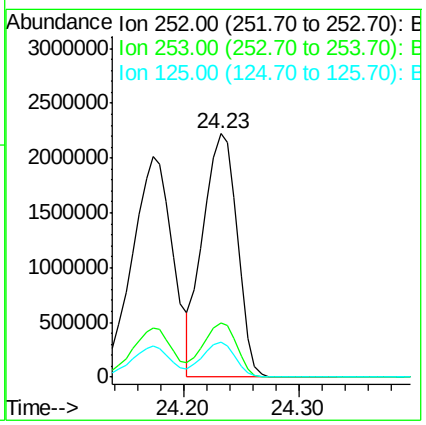


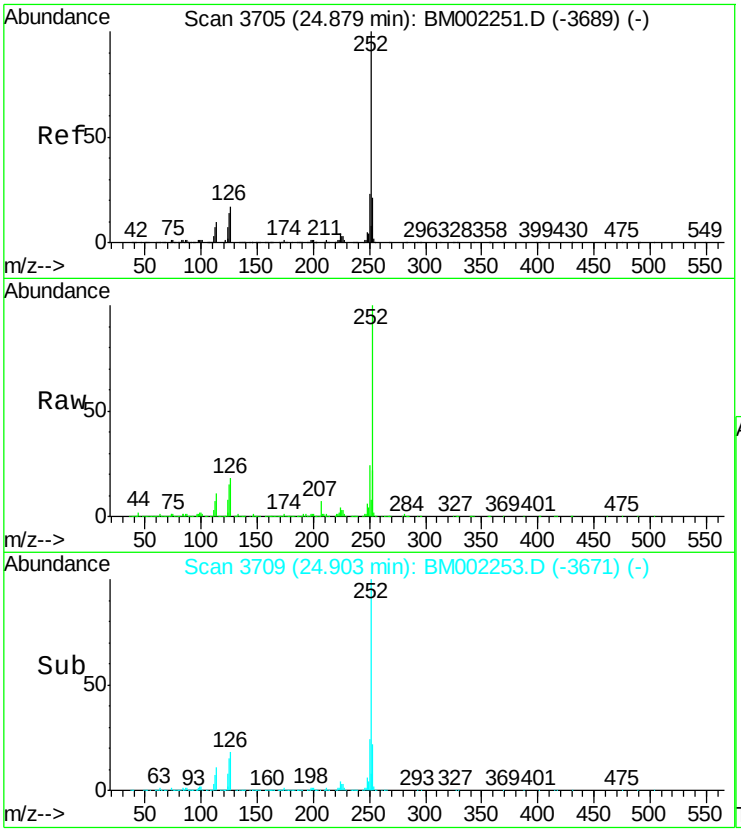


#24
Benzo(k)fluoranthene
Concen: 77.85 ng/ul
RT: 24.23 min Scan# 3595
Delta R.T. 0.02 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Tgt Ion:252 Resp: 4581526

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	14.2	10.2	15.4



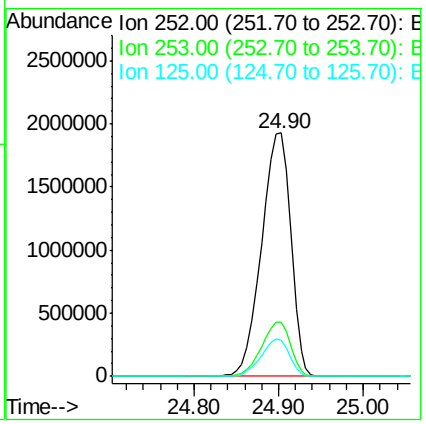


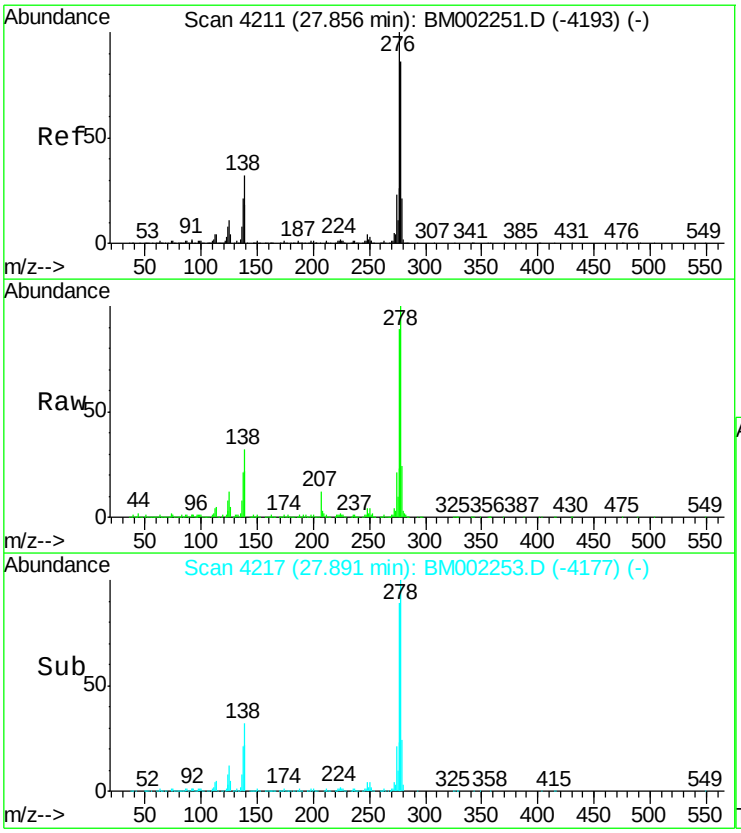
#26
Benzo(a)pyrene
Concen: 79.95 ng/ul
RT: 24.90 min Scan# 3709
Delta R.T. 0.02 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Tgt Ion:252 Resp: 4620235

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	14.8	11.0	16.6

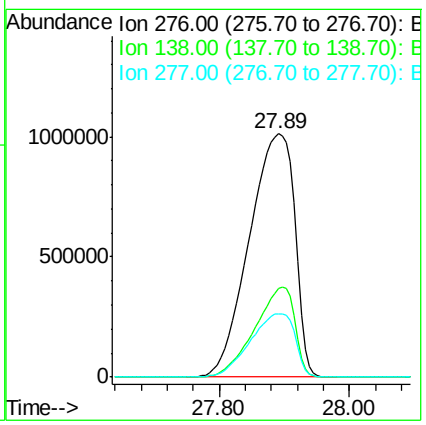


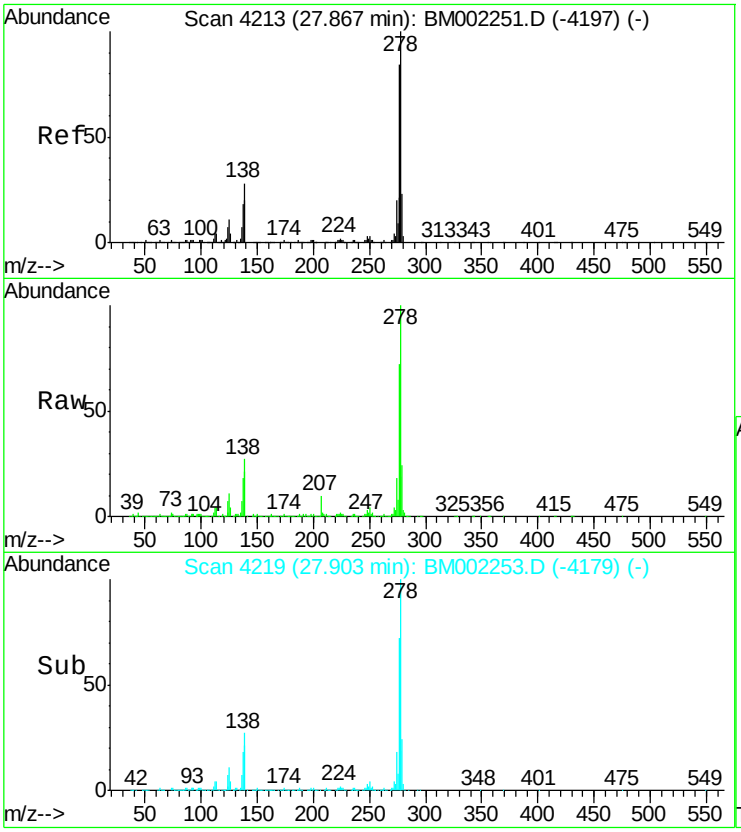


#27
Indeno(1,2,3-cd)pyrene
Concen: 75.02 ng/ul
RT: 27.89 min Scan# 4217
Delta R.T. 0.04 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Tgt Ion:276 Resp: 4911604

Ion	Ratio	Lower	Upper
276	100		
138	36.2	25.6	38.4
277	26.1	21.0	31.4



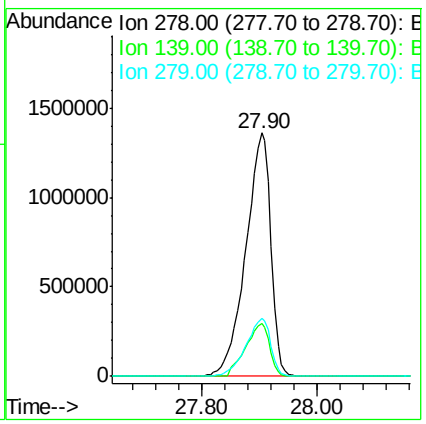


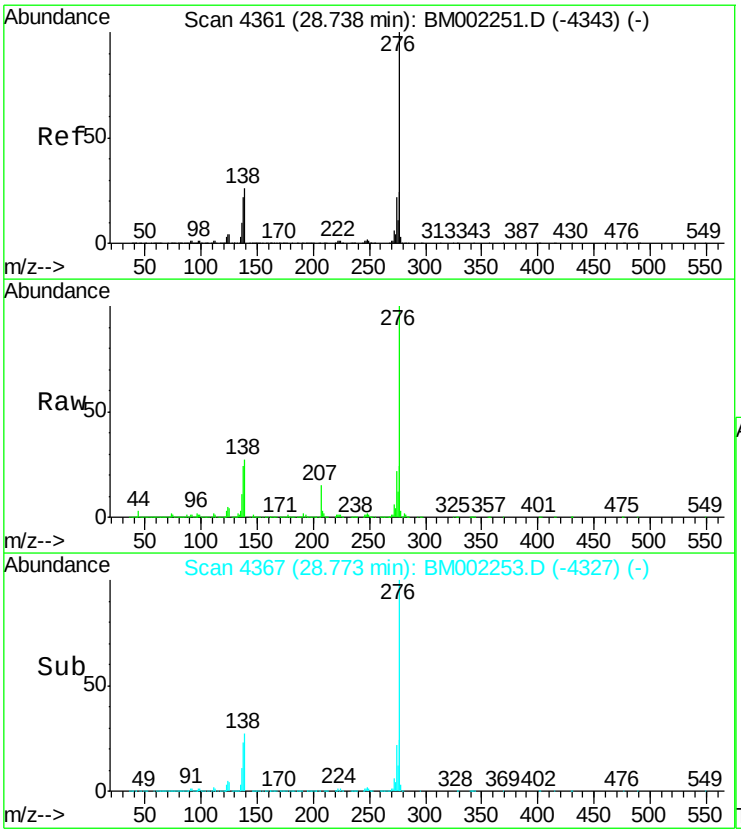
#28
Dibenzo(a,h)anthracene
Concen: 74.06 ng/ul
RT: 27.90 min Scan# 4219
Delta R.T. 0.04 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Instrument :
BNA_M
ClientSampleId :
SSTD08011

Tgt Ion:278 Resp: 4121577

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.4	24.6
279	23.9	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 75.28 ng/ul
RT: 28.77 min Scan# 4367
Delta R.T. 0.04 min
Lab File: BM002253.D
Acq: 08 Aug 2015 00:43

Tgt Ion:276 Resp: 4112753

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.5	30.7
277	23.7	19.0	28.6