Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082415\
Data File : BM002551.D
Acq On : 24 Aug 2015 14:25
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02055

Quant Time: Aug 24 17:39:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	178065	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	845729	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	460622	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.12	188	976454	20.00	ng/ul	0.00
17) Chrysene-d12	22.20	240	861474	20.00	ng/ul	0.01
22) Perylene-d12	24.85	264	688496	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.11	160	940633	19.97	ng/ul	0.00
10) Fluorene-d10	16.37	176	640965	19.38	ng/ul	0.00
14) Anthracene-d10	18.22	188	932241	19.79	ng/ul	0.00
18) Pyrene-d10	20.43	212	920467	24.10	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.68	264	716328	19.81	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.73	128	849594	19.68	ng/ul	100
4) 2-Methylnaphthalene	13.28	142	619490	19.16	ng/ul	99
5) 1-Methylnaphthalene	13.50	142	609670	19.06	ng/ul	100
8) Acenaphthylene	15.14	152	985469	19.99	ng/ul	99
9) Acenaphthene	15.47	153	642394	19.78	ng/ul	100
11) Fluorene	16.43	166	731548	19.66	ng/ul	100
13) Phenanthrene	18.16	178	1112074	19.72	ng/ul	100
15) Anthracene	18.24	178	1135980	19.88	ng/ul	100
16) Fluoranthene	20.10	202	1193125	18.69	ng/ul	96
19) Pyrene	20.46	202	1220870	24.19	ng/ul	97
20) Benzo(a)anthracene	22.19	228	1025379	19.90	ng/ul	100
21) Chrysene	22.24	228	953778	19.79	ng/ul	100
23) Benzo(b)fluoranthene	24.03	252	852269	20.48	ng/ul	100
24) Benzo(k)fluoranthene	24.09	252	825739	20.93	ng/ul	99
26) Benzo(a)pyrene	24.74	252	785968	19.77	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.64	276	832648	18.21	ng/ul	98
28) Dibenzo(a,h)anthracene	27.64	278	708369	18.54	ng/ul	100
29) Benzo(g,h,i)perylene	28.52	276	690474	18.14	ng/ul	98

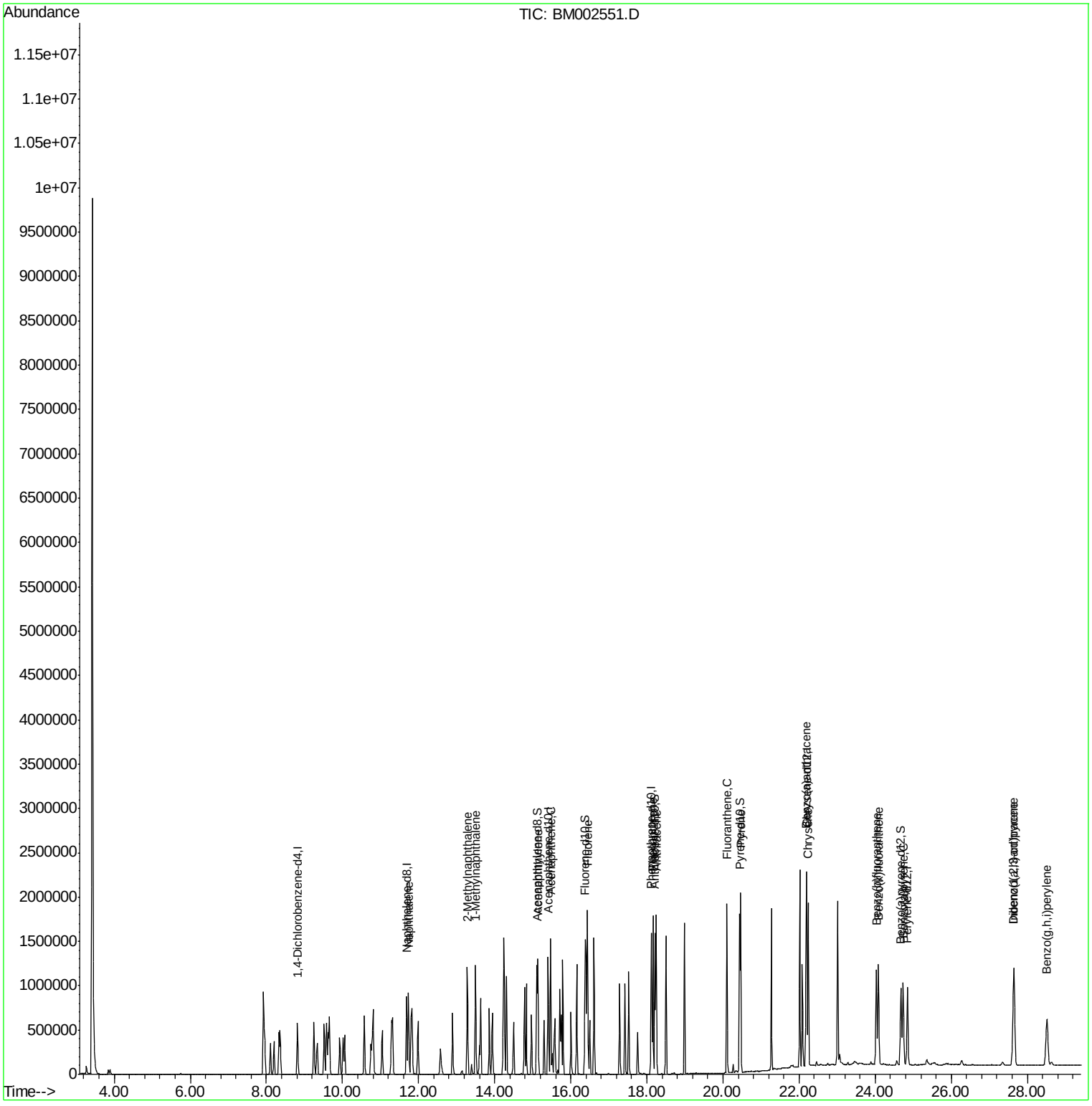
(#) = qualifier out of range (m) = manual integration (+) = signals summed

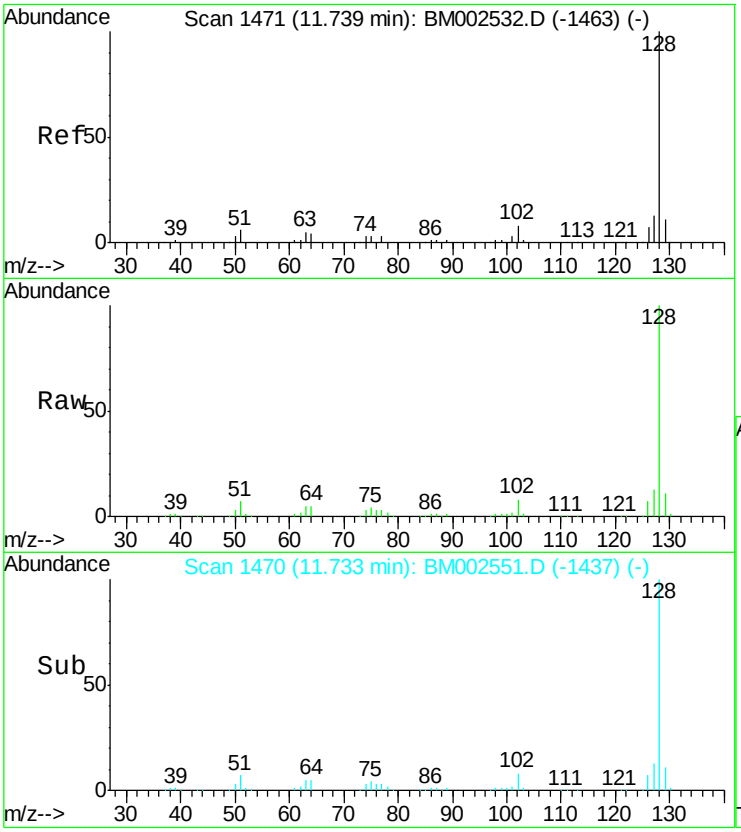
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082415\
Data File : BM002551.D
Acq On : 24 Aug 2015 14:25
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Quant Time: Aug 24 17:39:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration



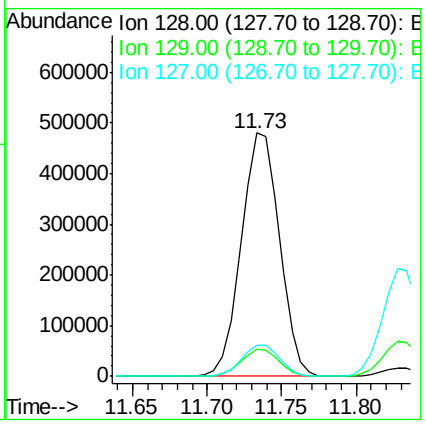


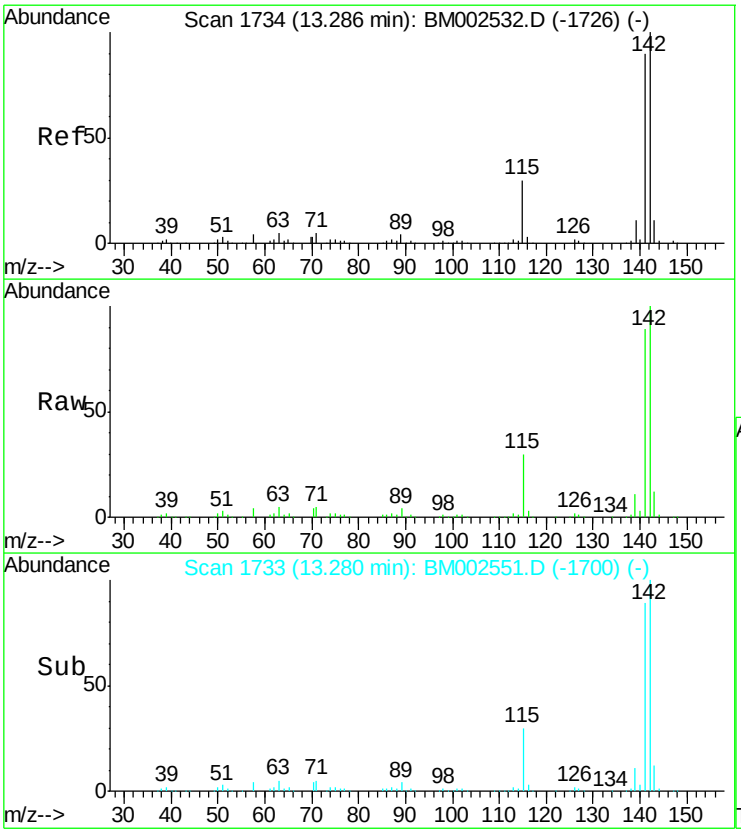
#3
Naphthalene
Concen: 19.68 ng/ul
RT: 11.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:128 Resp: 849594

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.9	10.4	15.6

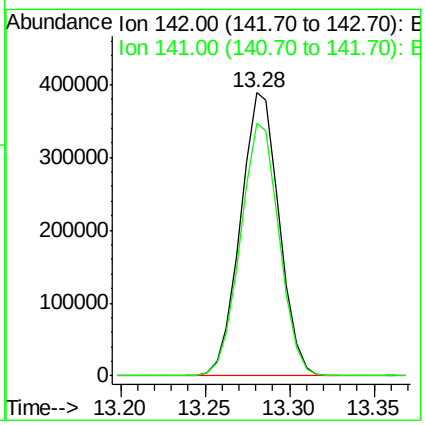


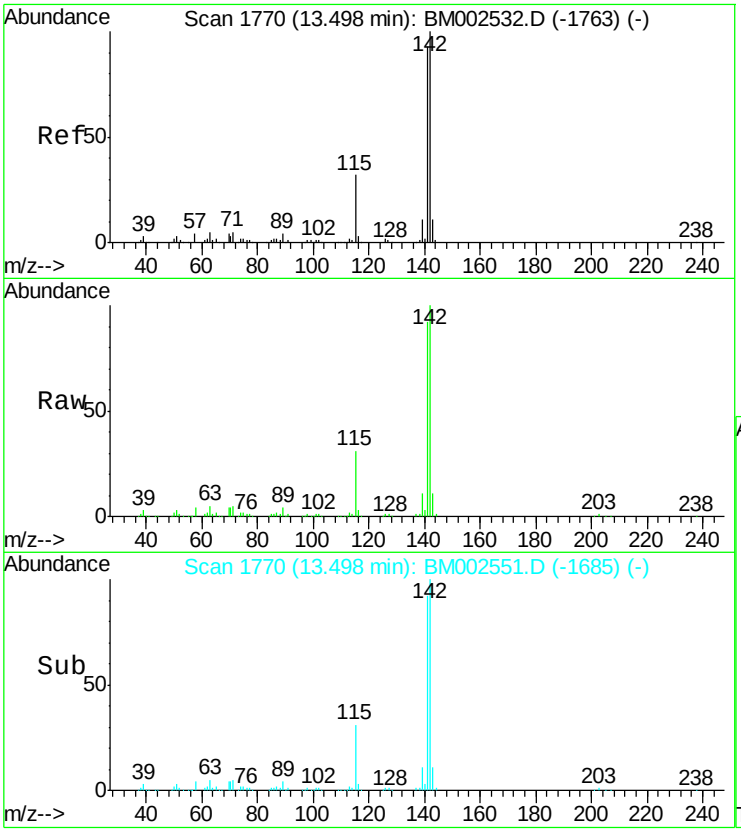


#4
2-Methylnaphthalene
Concen: 19.16 ng/ul
RT: 13.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Tgt Ion:142 Resp: 619490

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.2	108.2



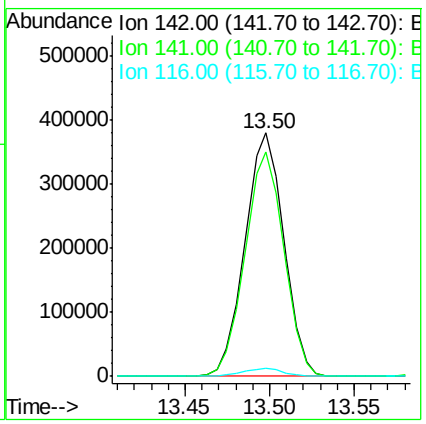


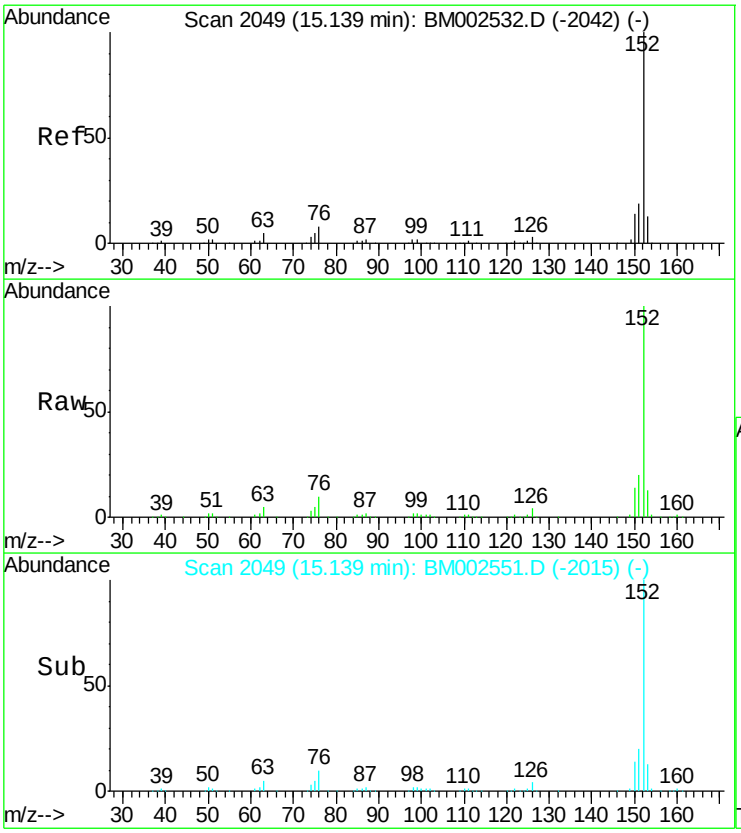
#5
1-Methylnaphthalene
Concen: 19.06 ng/ul
RT: 13.50 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:142 Resp: 609670

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9
116	3.4	3.0	4.4

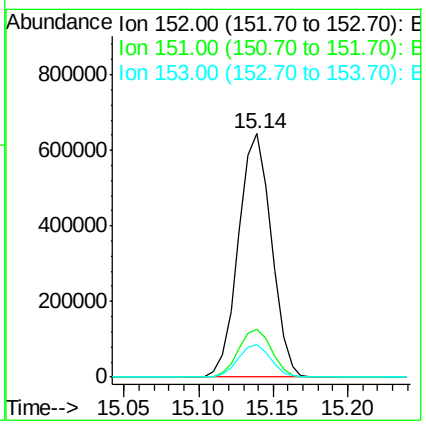


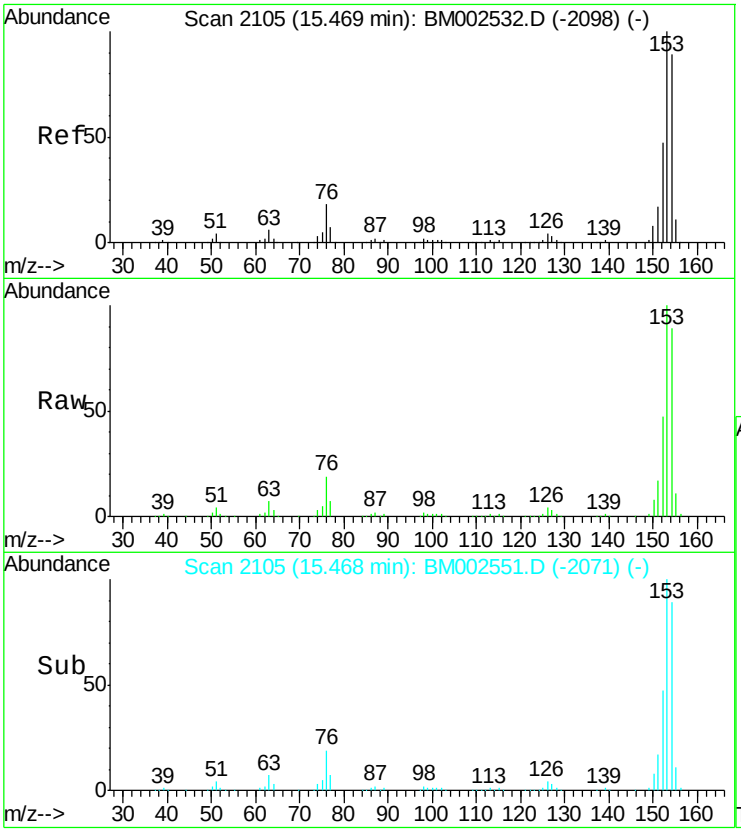


#8
Acenaphthylene
Concen: 19.99 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Tgt Ion:152 Resp: 985469

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.3	10.2	15.4



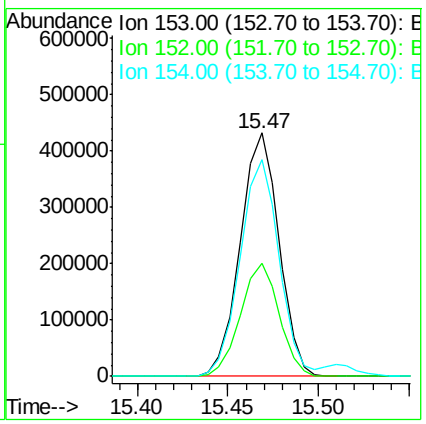


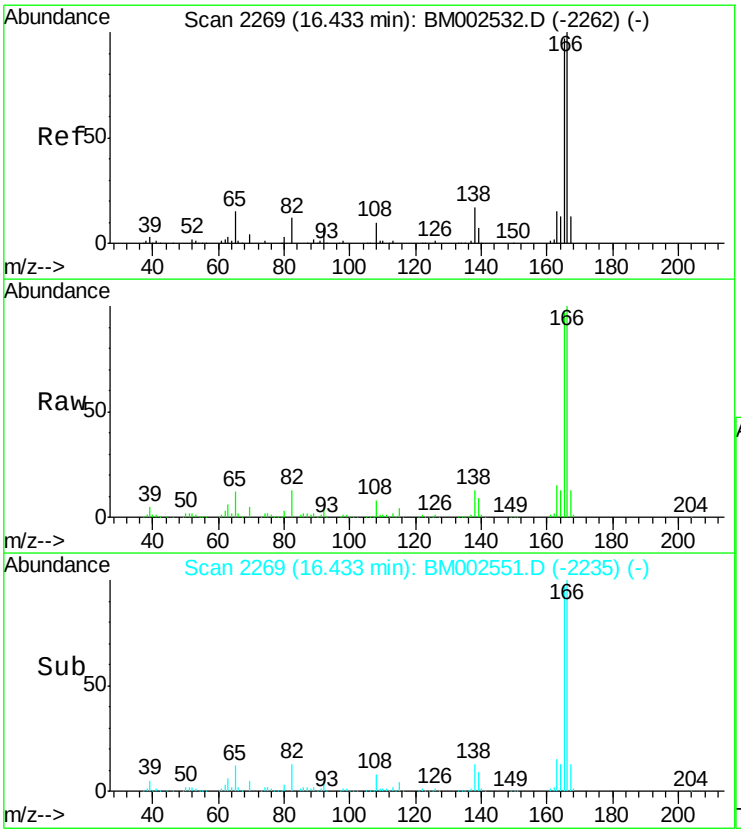
#9
Acenaphthene
Concen: 19.78 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:153 Resp: 642394

Ion	Ratio	Lower	Upper
153	100		
152	46.6	36.9	55.3
154	88.8	71.3	106.9

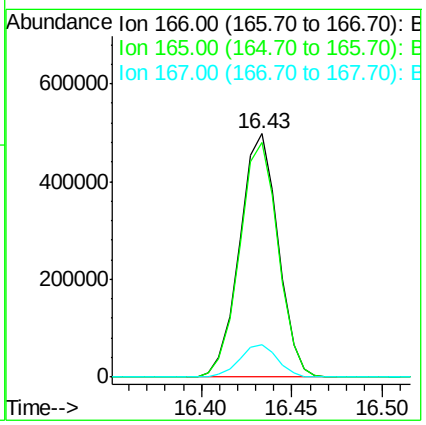


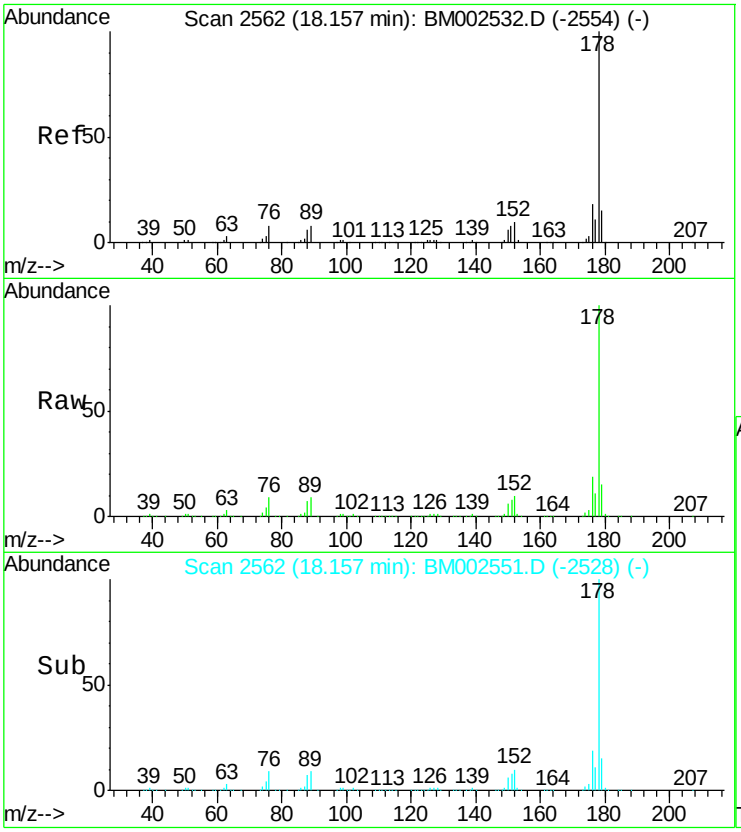


#11
Fluorene
Concen: 19.66 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Tgt Ion:166 Resp: 731548

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.6	116.4
167	13.1	10.7	16.1



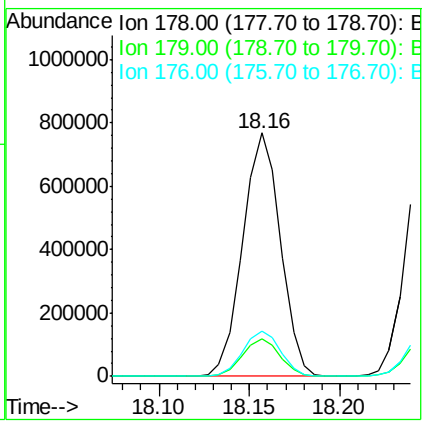


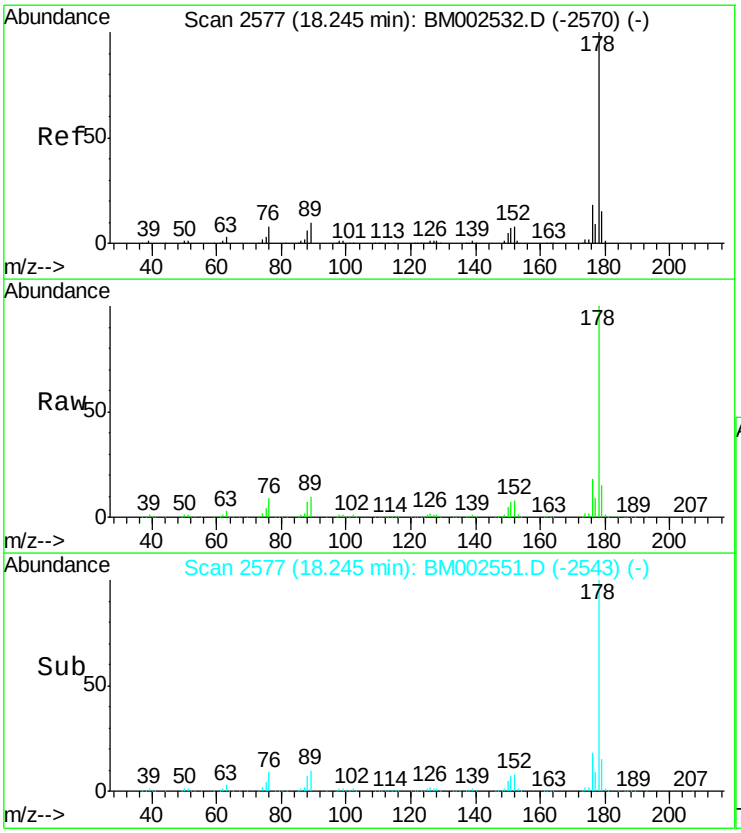
#13
Phenanthrene
Concen: 19.72 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:178 Resp: 1112074

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

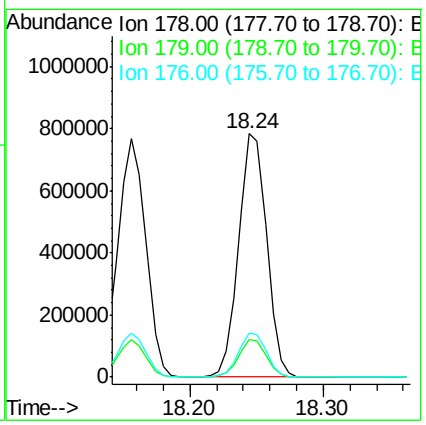


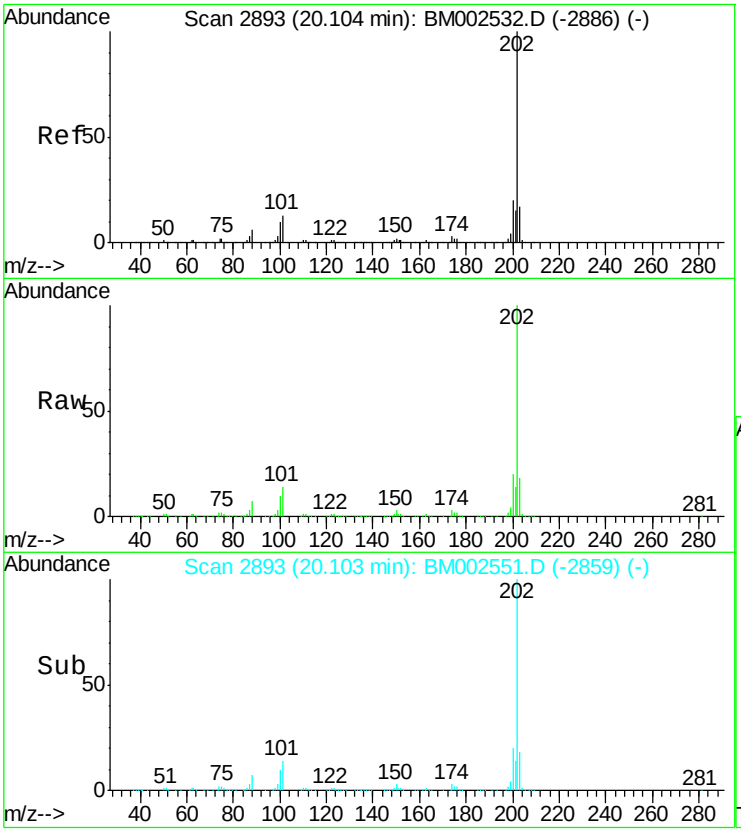


#15
Anthracene
Concen: 19.88 ng/ul
RT: 18.24 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Tgt Ion:178 Resp: 1135980

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.0	14.5	21.7



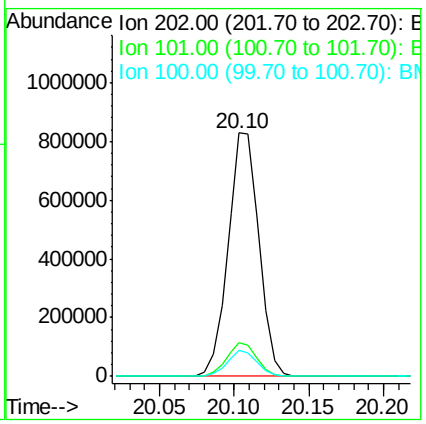


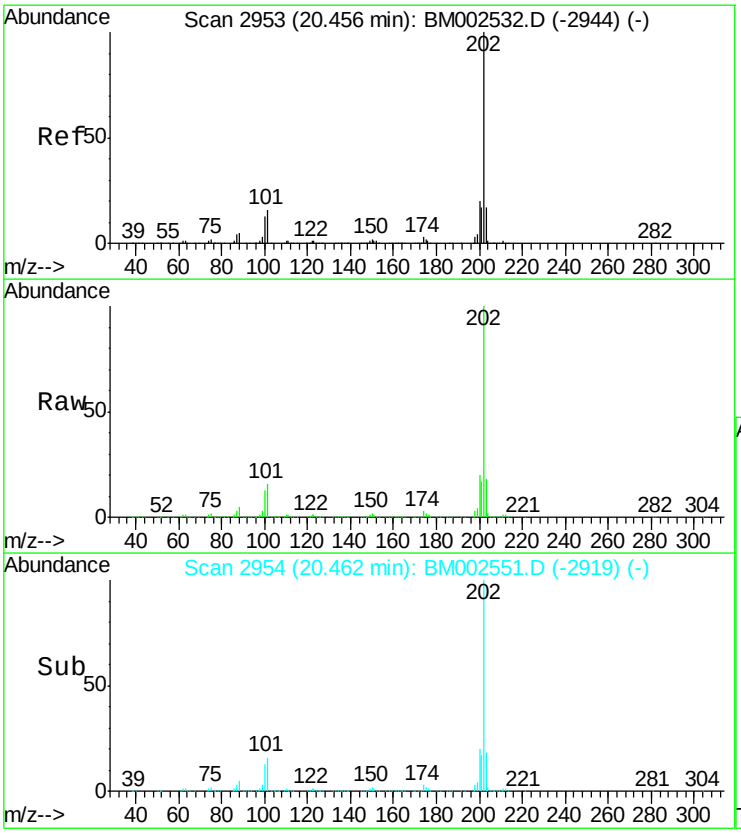
#16
Fluoranthene
Concen: 18.69 ng/ul
RT: 20.10 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:202 Resp: 1193125

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.7	14.5
100	10.5	7.4	11.2

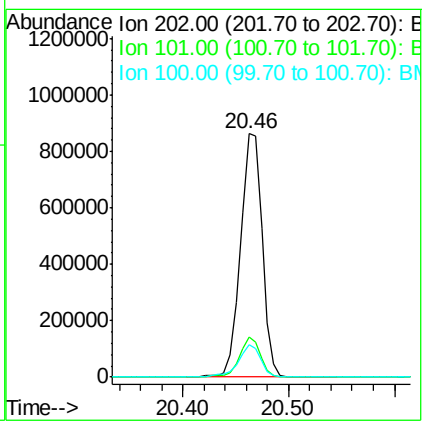


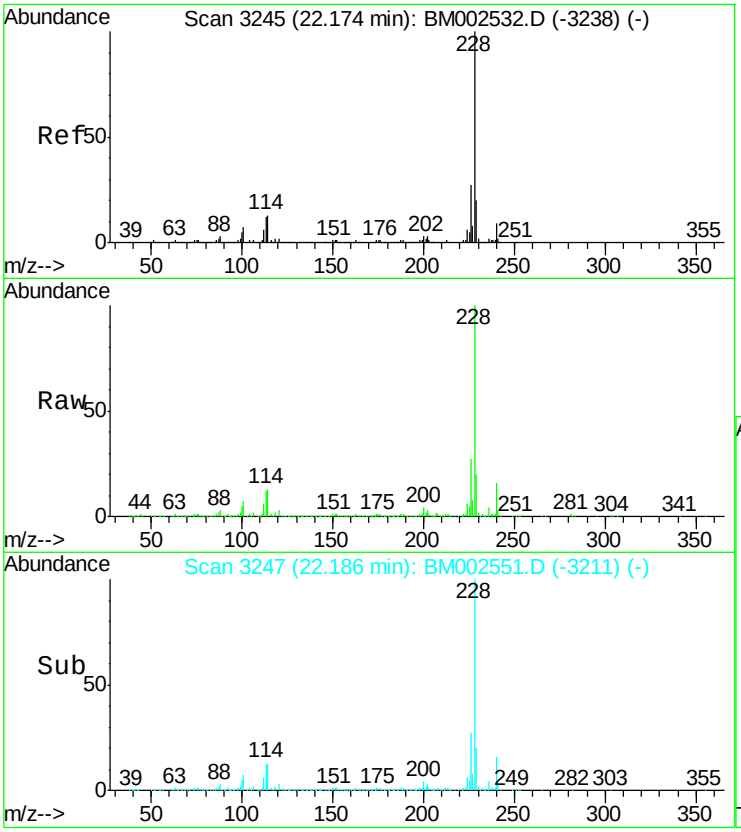


#19
Pyrene
Concen: 24.19 ng/ul
RT: 20.46 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Tgt Ion:202 Resp: 1220870

Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.0	18.0
100	13.1	9.7	14.5



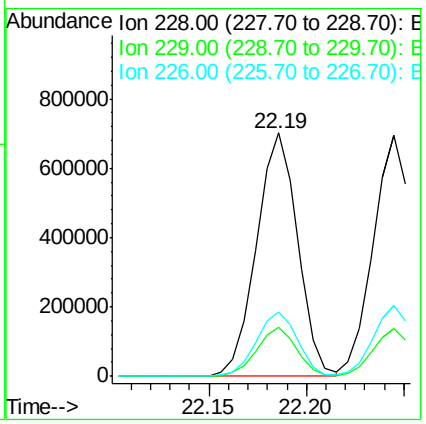


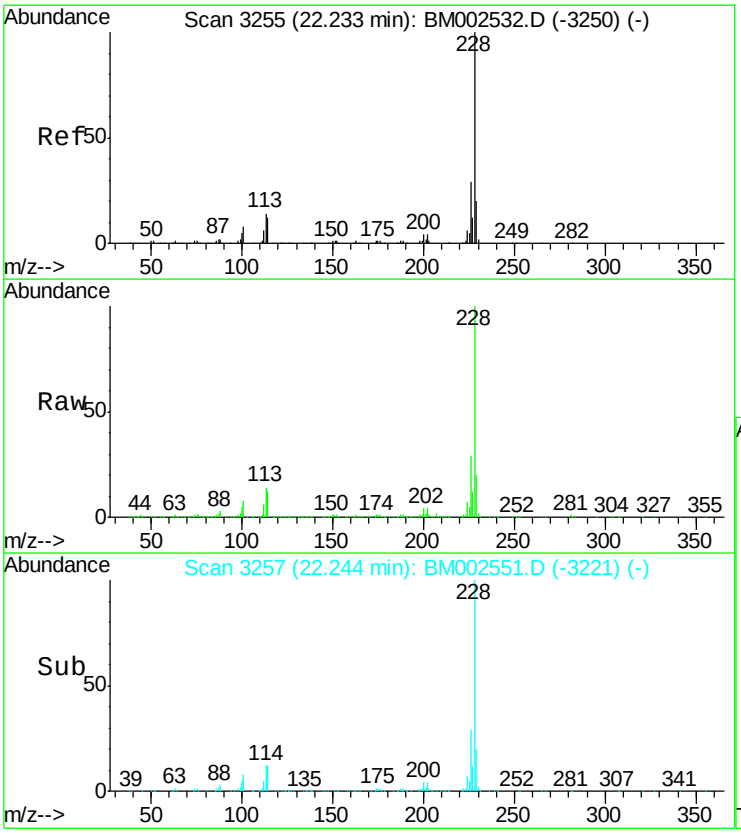
#20
Benzo(a)anthracene
Concen: 19.90 ng/ul
RT: 22.19 min Scan# 3247
Delta R.T. 0.01 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:228 Resp: 1025379

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.6
226	26.5	21.1	31.7

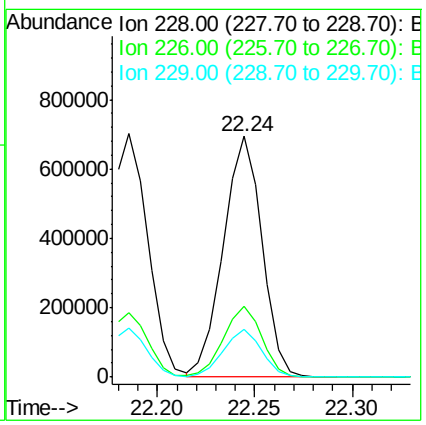


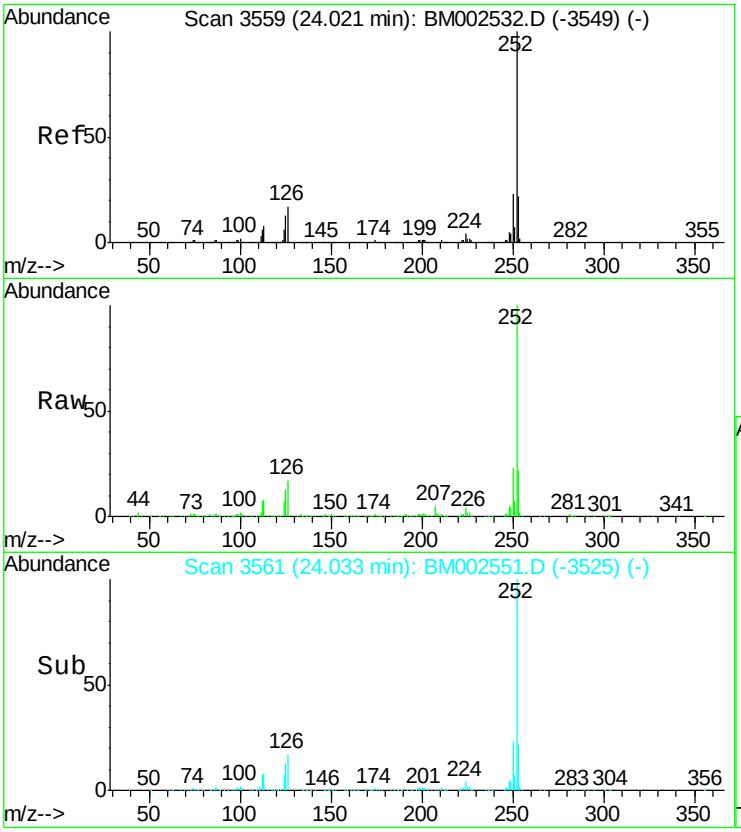


#21
Chrysene
Concen: 19.79 ng/ul
RT: 22.24 min Scan# 3257
Delta R.T. 0.01 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Tgt Ion:228 Resp: 953778

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	19.9	15.7	23.5



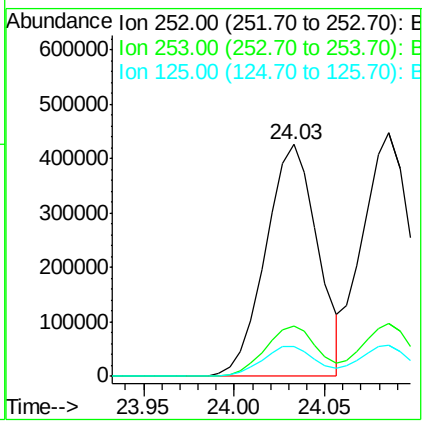


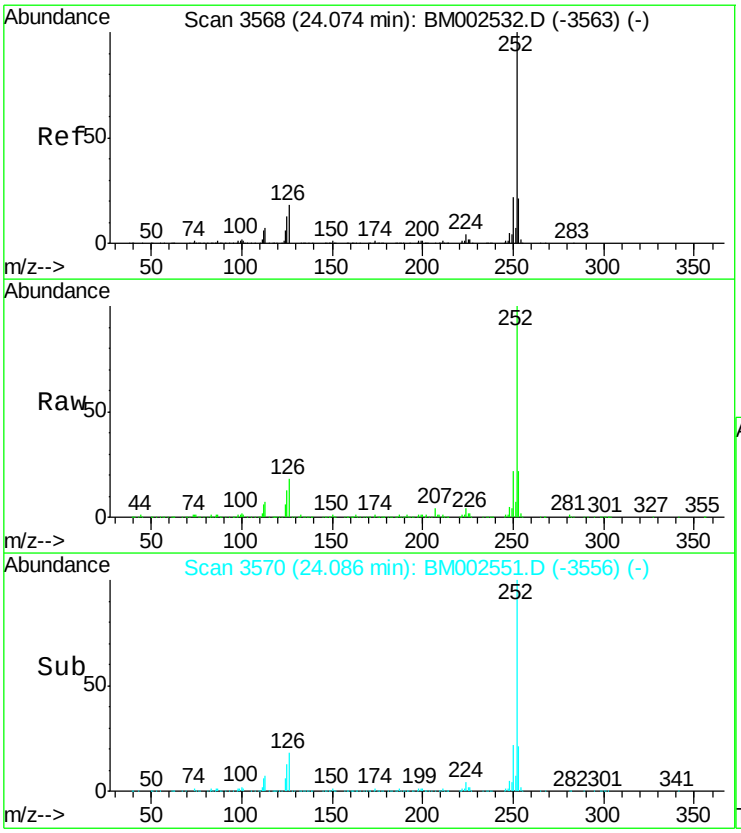
#23
Benzo(b)fluoranthene
Concen: 20.48 ng/ul
RT: 24.03 min Scan# 3561
Delta R.T. 0.01 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:252 Resp: 852269

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	12.9	10.0	15.0

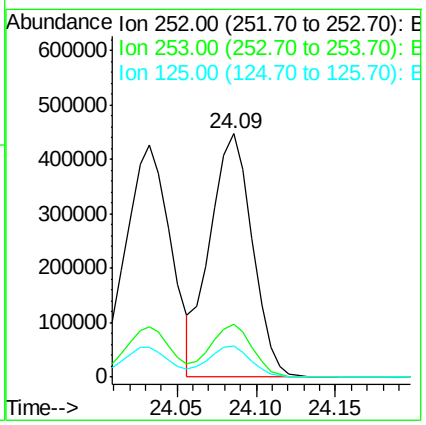


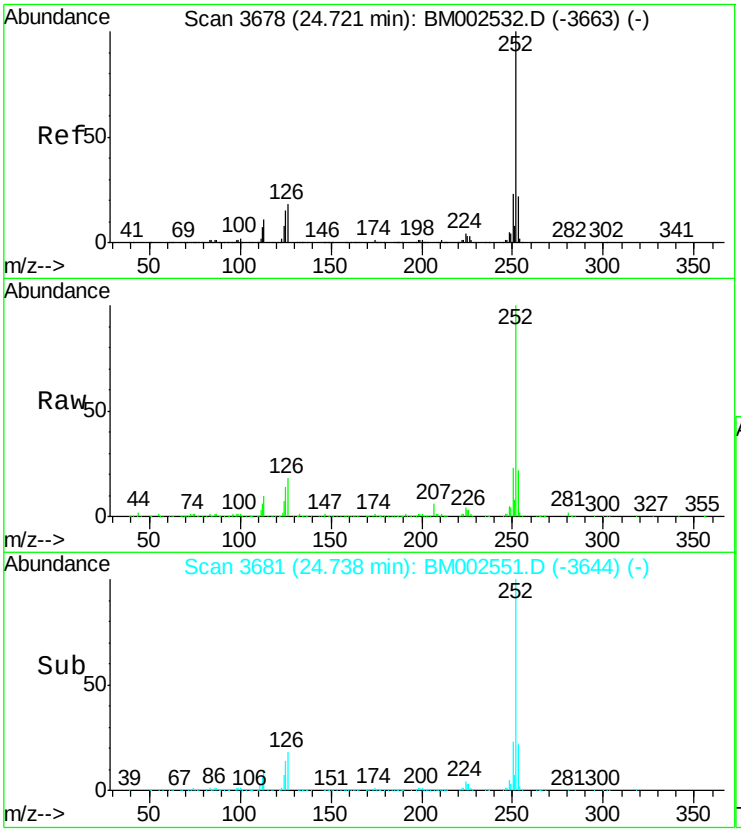


#24
Benzo(k)fluoranthene
Concen: 20.93 ng/ul
RT: 24.09 min Scan# 3570
Delta R.T. 0.01 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Tgt Ion:252 Resp: 825739

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	13.0	9.8	14.8



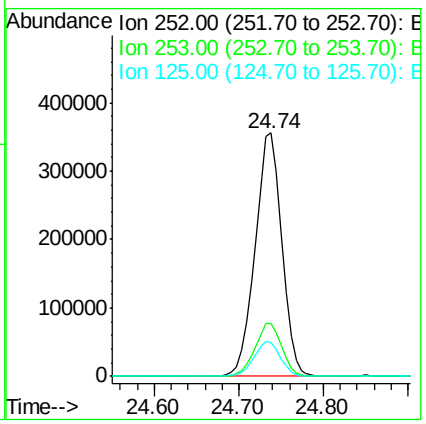


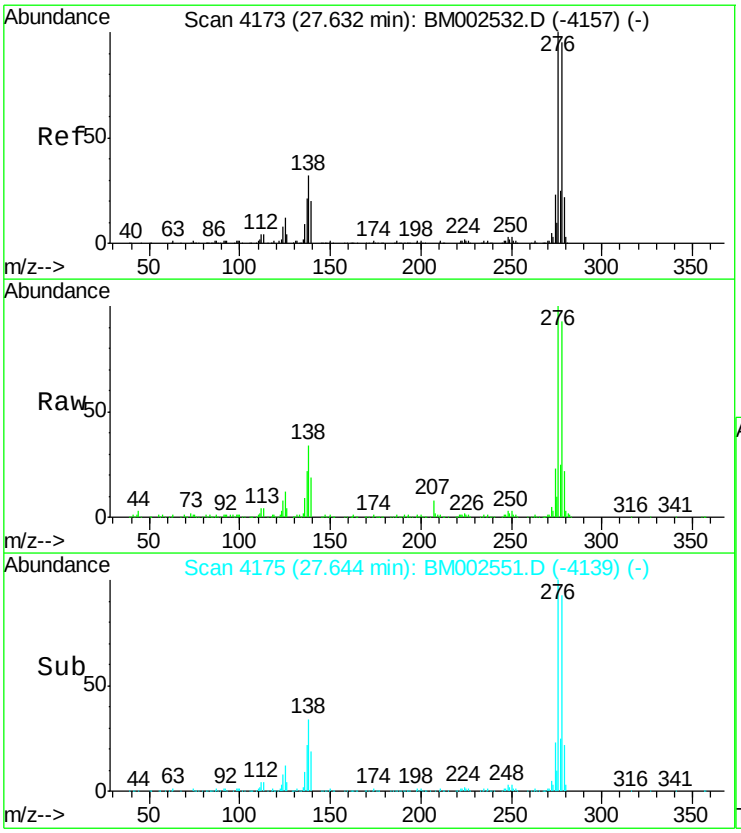
#26
Benzo(a)pyrene
Concen: 19.77 ng/ul
RT: 24.74 min Scan# 3681
Delta R.T. 0.02 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:252 Resp: 785968

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	13.9	10.7	16.1

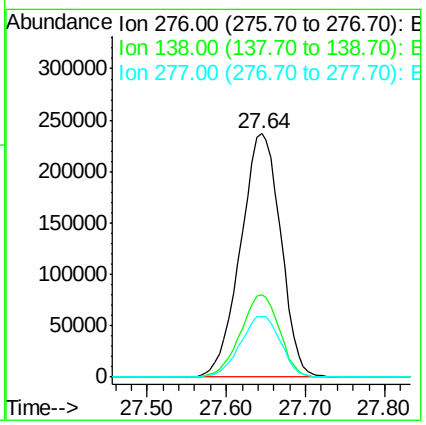


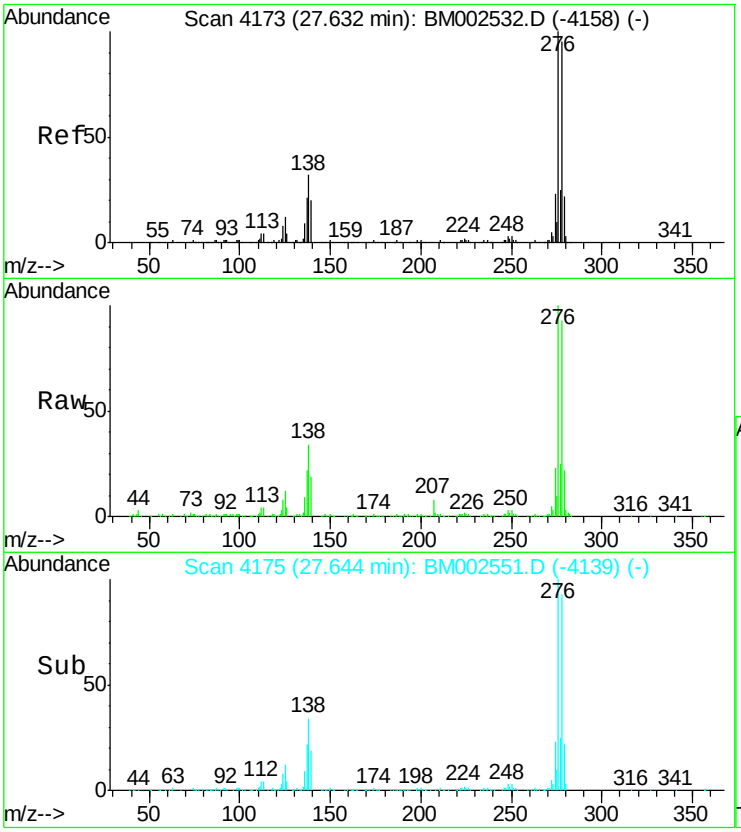


#27
Indeno(1,2,3-cd)pyrene
Concen: 18.21 ng/ul
RT: 27.64 min Scan# 4175
Delta R.T. 0.01 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Tgt Ion:276 Resp: 832648

Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.3	37.9
277	24.9	20.2	30.2



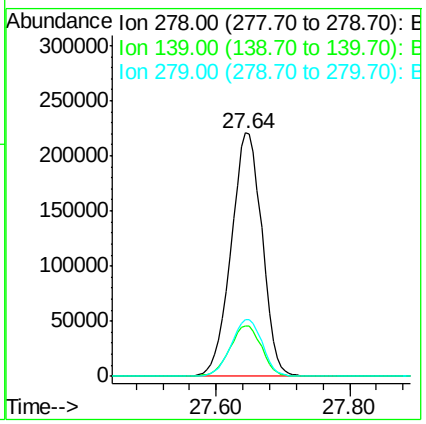


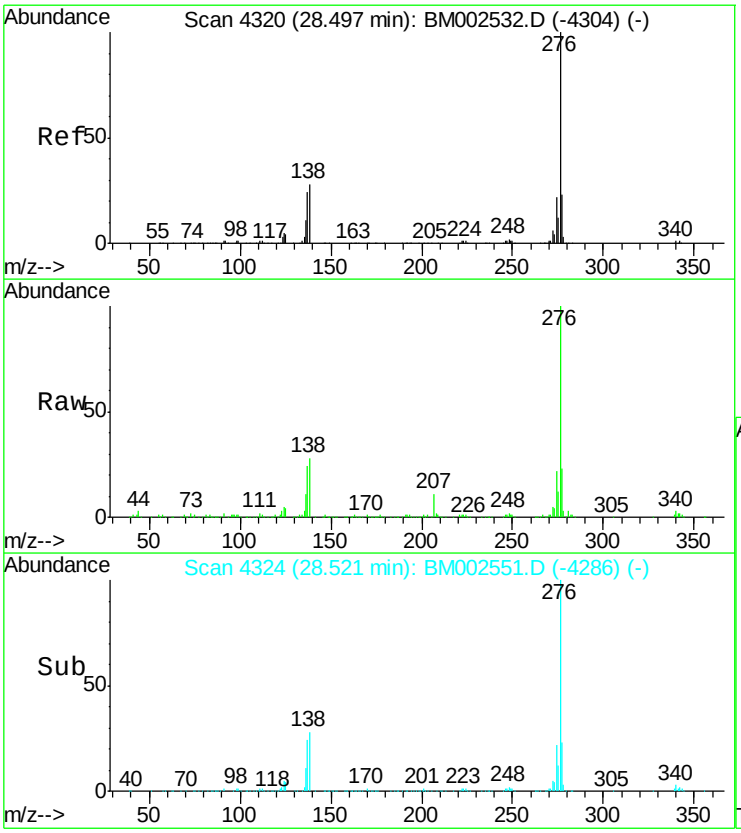
#28
Dibenzo(a,h)anthracene
Concen: 18.54 ng/ul
RT: 27.64 min Scan# 4175
Delta R.T. 0.01 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:278 Resp: 708369

Ion	Ratio	Lower	Upper
278	100		
139	20.9	16.5	24.7
279	23.6	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 18.14 ng/ul
RT: 28.52 min Scan# 4324
Delta R.T. 0.02 min
Lab File: BM002551.D
Acq: 24 Aug 2015 14:25

Tgt Ion:276 Resp: 690474

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.0	31.6
277	23.3	19.2	28.8