Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002354.D
Acq On : 12 Aug 2015 10:41
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02026

Quant Time: Aug 12 11:31:51 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 11:23:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	230829	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1033161	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	519143	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1022757	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	739990	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	639554	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1085140	20.18	ng/ul	0.00
10) Fluorene-d10	16.46	176	730200	19.52	ng/ul	0.00
14) Anthracene-d10	18.29	188	1007358	20.30	ng/ul	0.00
18) Pyrene-d10	20.51	212	878585	24.48	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	690012	20.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.82	128	1078201	19.82	ng/ul	99
4) 2-Methylnaphthalene	13.36	142	740467	19.05	ng/ul	99
5) 1-Methylnaphthalene	13.58	142	729750	19.05	ng/ul	98
8) Acenaphthylene	15.22	152	1125368	20.16	ng/ul	100
9) Acenaphthene	15.54	153	756803	20.15	ng/ul	99
11) Fluorene	16.51	166	830312	19.63	ng/ul	100
13) Phenanthrene	18.23	178	1182653	20.09	ng/ul	100
15) Anthracene	18.33	178	1217733	20.03	ng/ul	100
16) Fluoranthene	20.18	202	1160715	17.81	ng/ul	100
19) Pyrene	20.54	202	1156443	24.17	ng/ul	97
20) Benzo(a)anthracene	22.26	228	913206	20.22	ng/ul	100
21) Chrysene	22.32	228	857298	20.03	ng/ul	100
23) Benzo(b)fluoranthene	24.14	252	814891	20.50	ng/ul	99
24) Benzo(k)fluoranthene	24.20	252	792630	20.76	ng/ul	100
26) Benzo(a)pyrene	24.86	252	772401	20.31	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	27.82	276	894169	20.51	ng/ul	99
28) Dibenzo(a,h)anthracene	27.83	278	761919	20.63	ng/ul	99
29) Benzo(g,h,i)perylene	28.70	276	752183	20.45	ng/ul	98

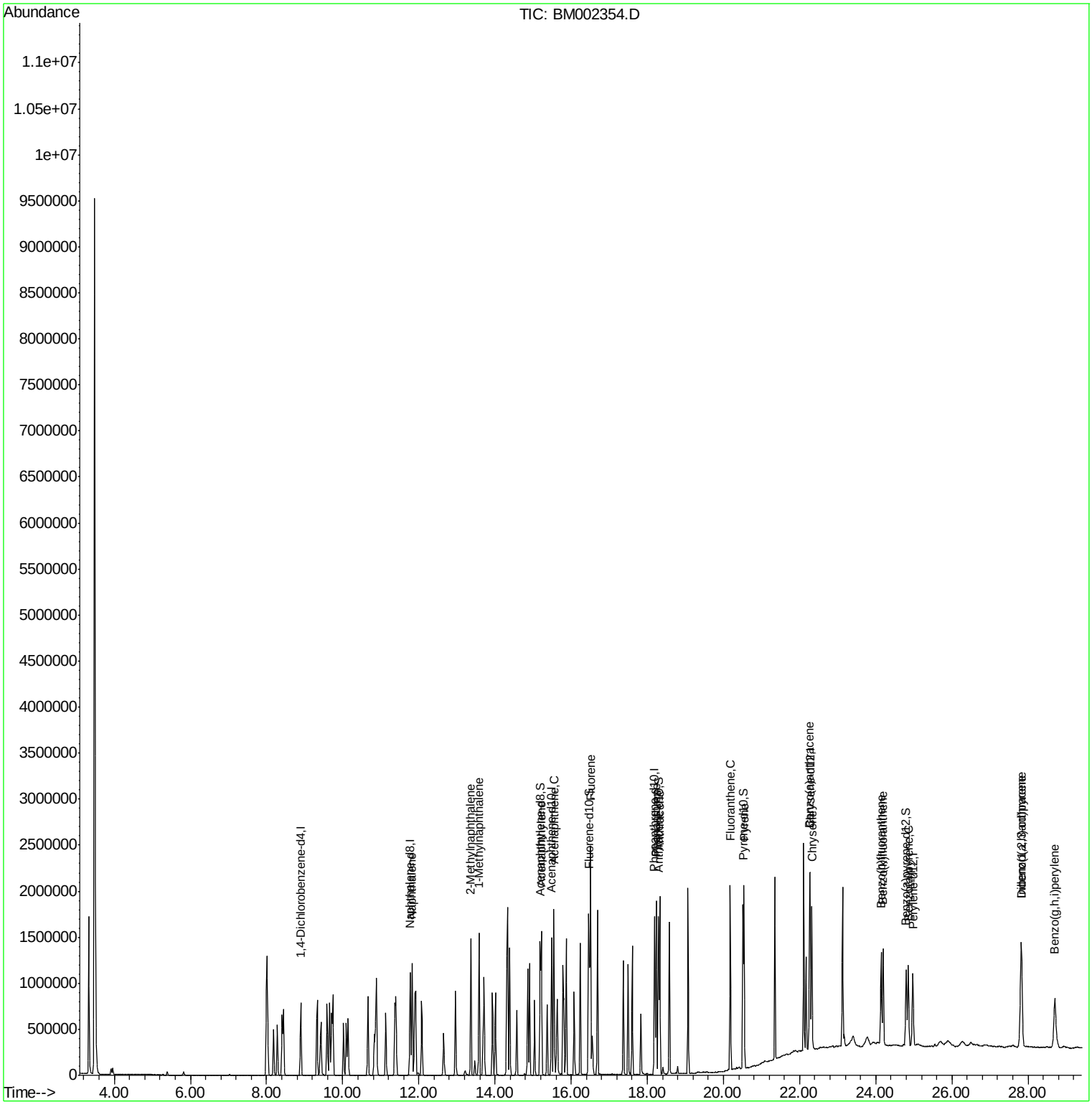
(#) = qualifier out of range (m) = manual integration (+) = signals summed

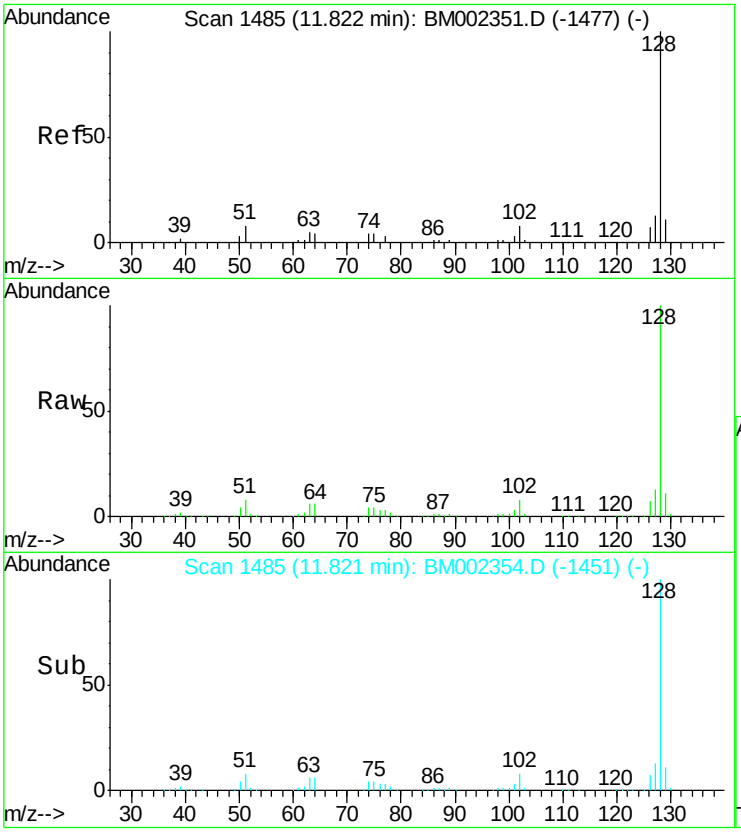
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002354.D
Acq On : 12 Aug 2015 10:41
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Quant Time: Aug 12 11:31:51 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 11:23:54 2015
Response via : Initial Calibration



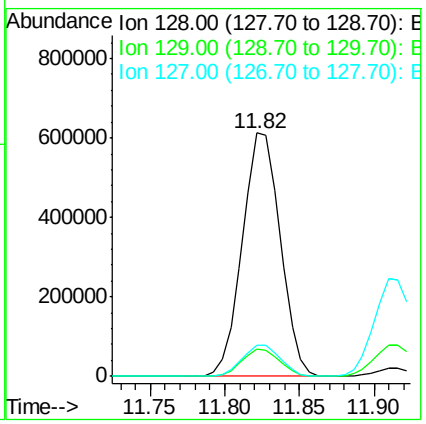


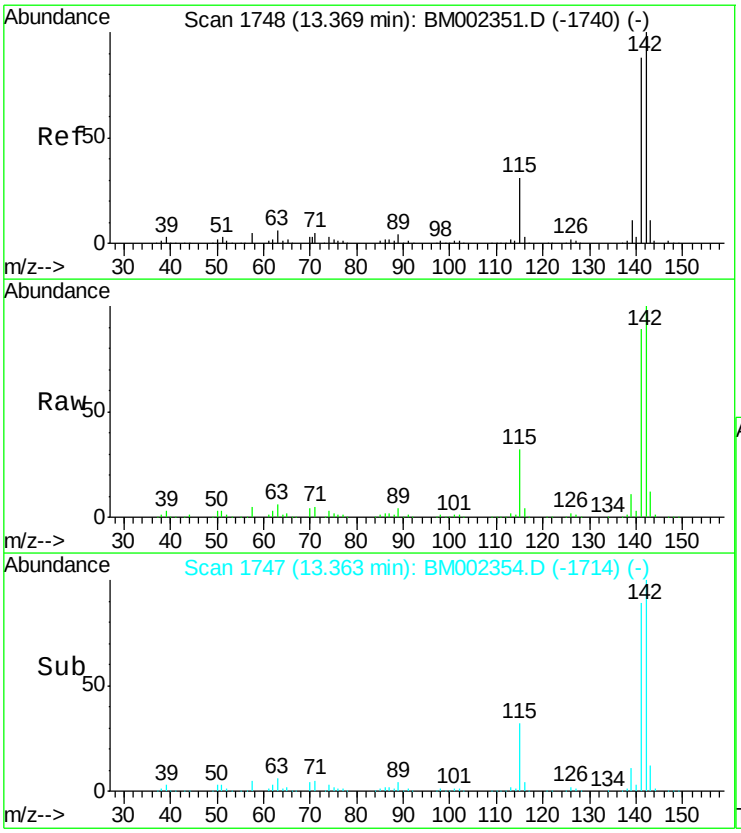
#3
Naphthalene
Concen: 19.82 ng/ul
RT: 11.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Tgt Ion:128 Resp: 1078201

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.9	10.4	15.6

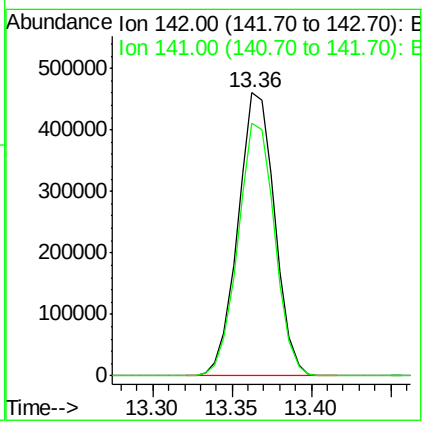


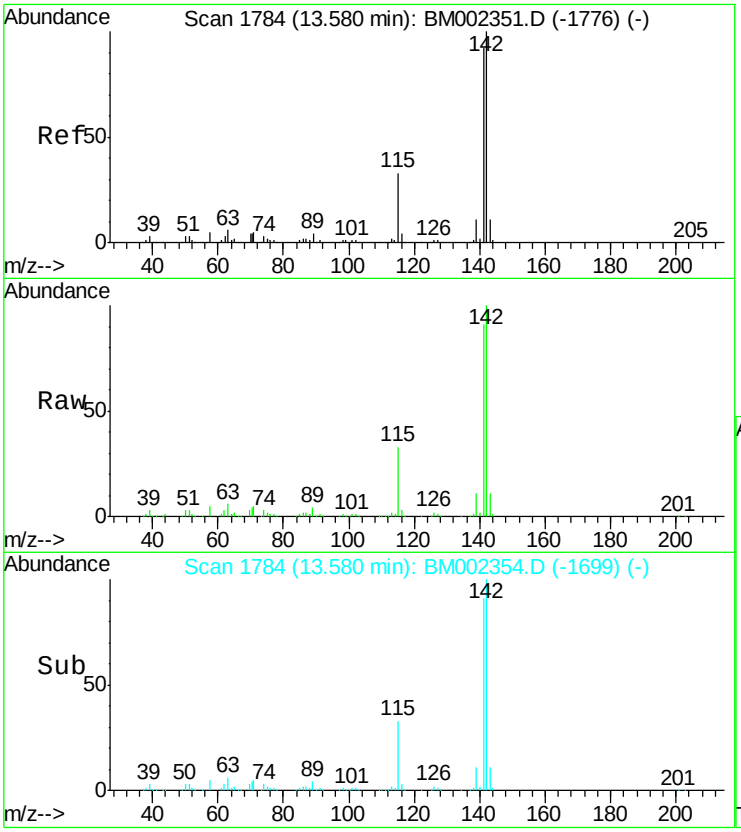


#4
2-Methylnaphthalene
Concen: 19.05 ng/ul
RT: 13.36 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Tgt Ion:142 Resp: 740467

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.5	108.7



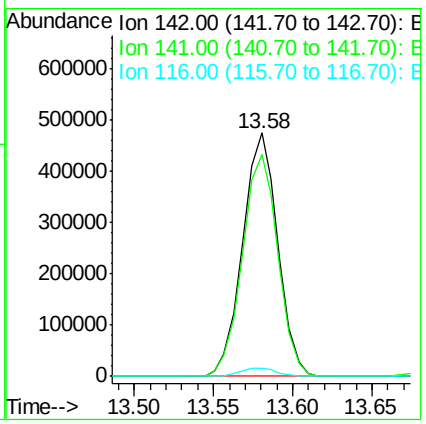


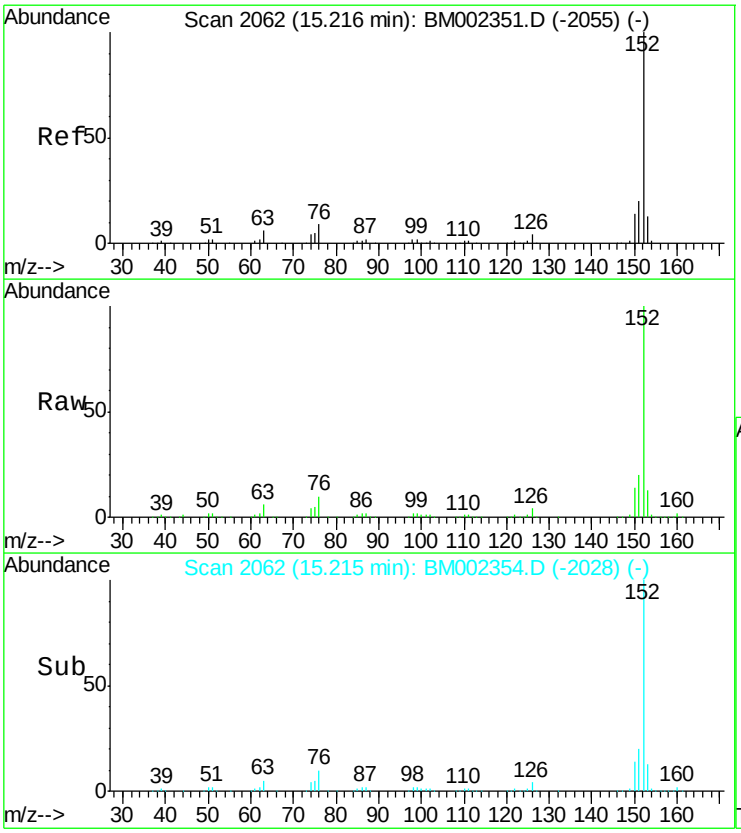
#5
1-Methylnaphthalene
Concen: 19.05 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Tgt Ion:142 Resp: 729750

Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.5	111.7
116	3.5	3.0	4.4

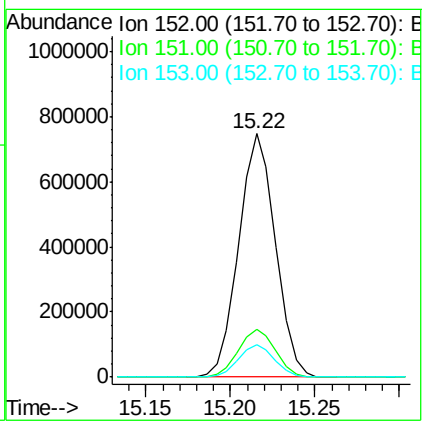


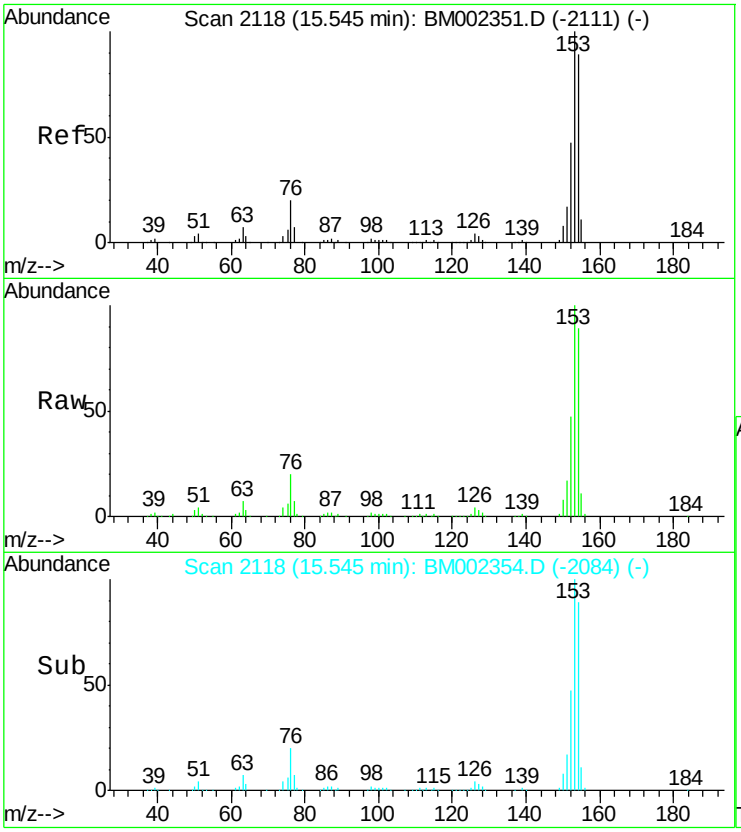


#8
Acenaphthylene
Concen: 20.16 ng/ul
RT: 15.22 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Tgt Ion:152 Resp: 1125368

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.2	10.6	15.8



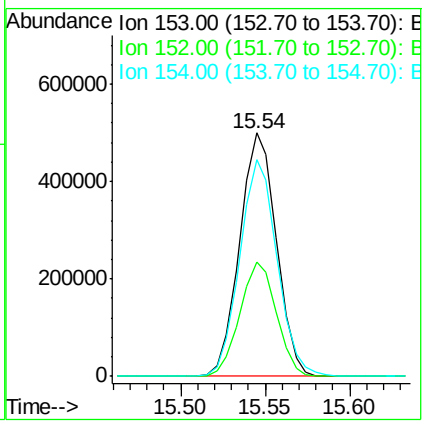


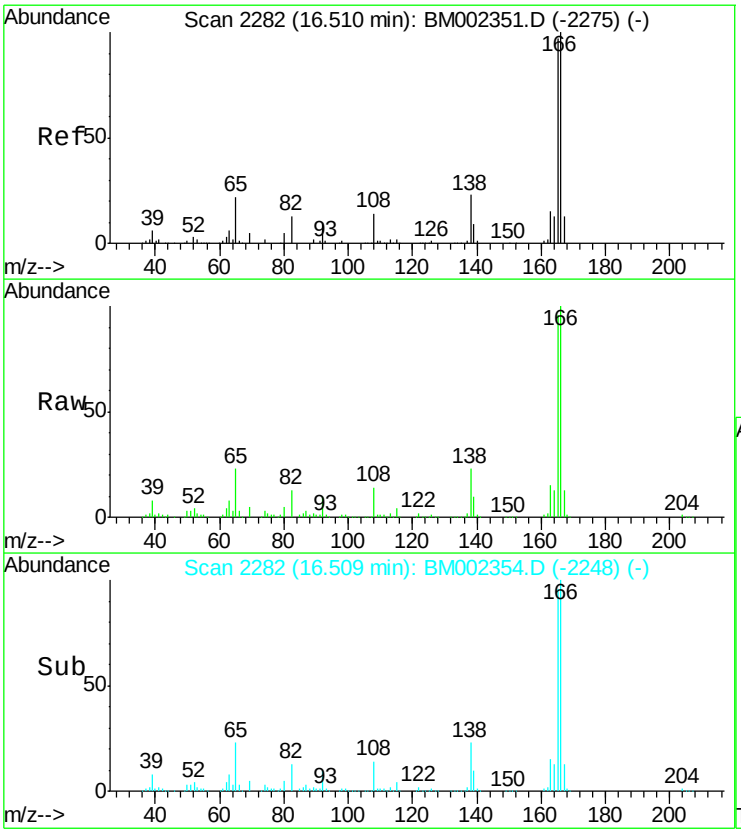
#9
Acenaphthene
Concen: 20.15 ng/ul
RT: 15.54 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Tgt Ion:153 Resp: 756803

Ion	Ratio	Lower	Upper
153	100		
152	46.9	36.6	55.0
154	88.8	71.5	107.3

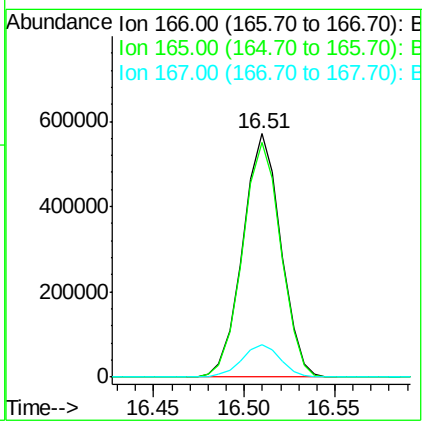


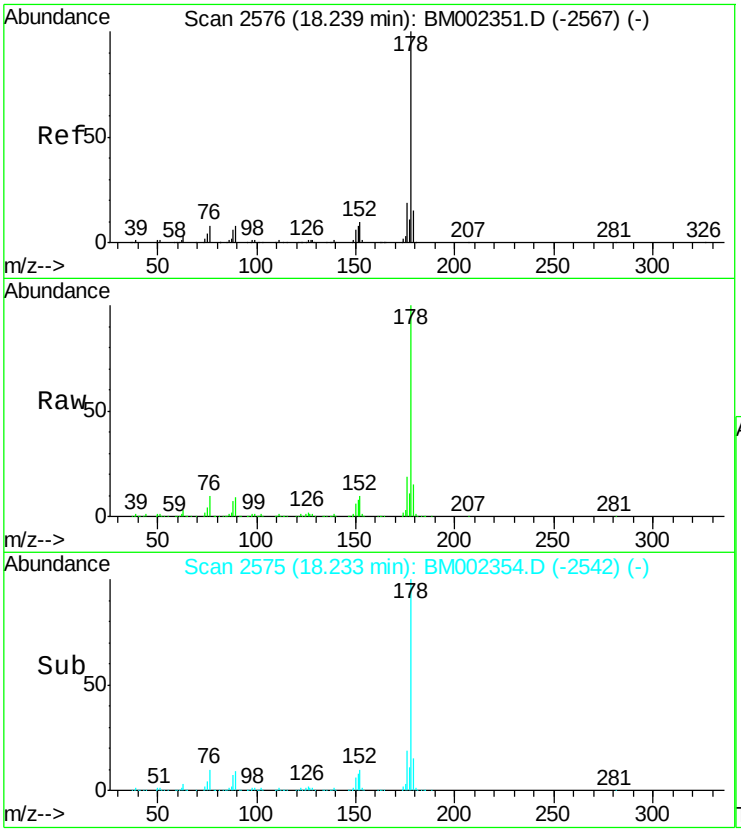


#11
Fluorene
Concen: 19.63 ng/ul
RT: 16.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Tgt Ion:166 Resp: 830312

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.5	116.3
167	13.3	10.4	15.6



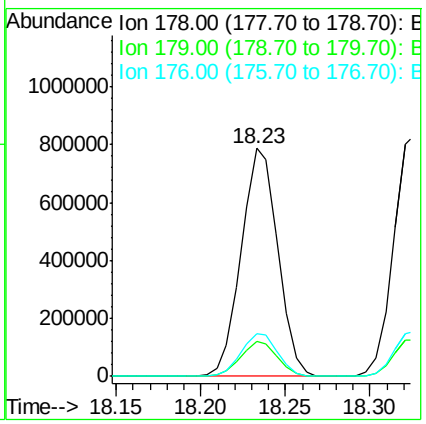


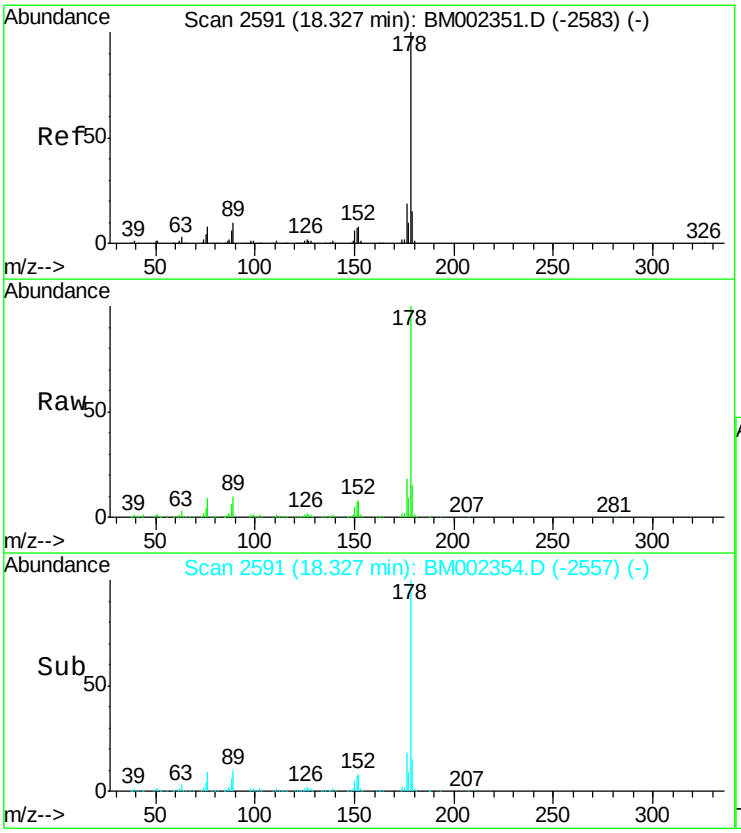
#13
Phenanthrene
Concen: 20.09 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Tgt Ion:178 Resp: 1182653

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.9	15.3	22.9

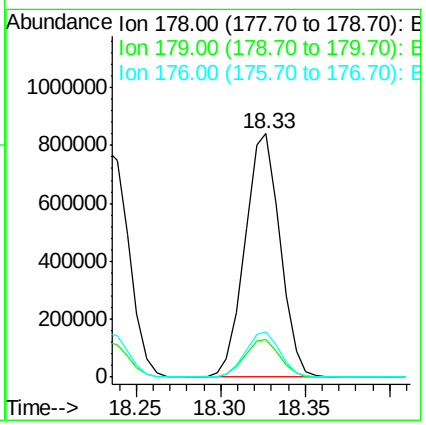


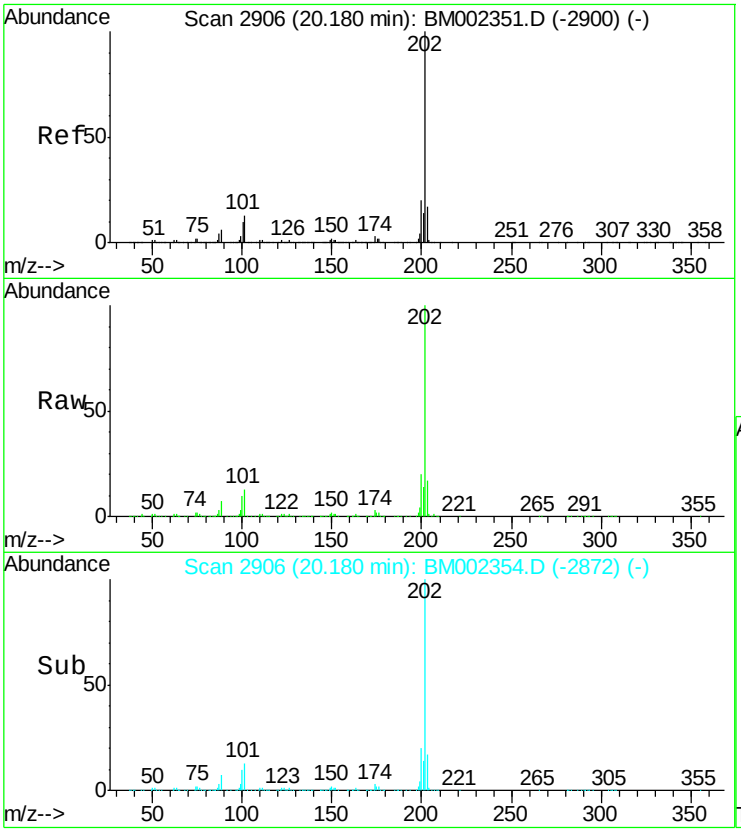


#15
Anthracene
Concen: 20.03 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Tgt Ion:178 Resp: 1217733

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.5	14.5	21.7



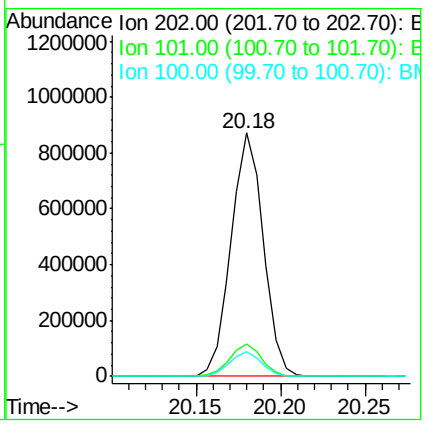


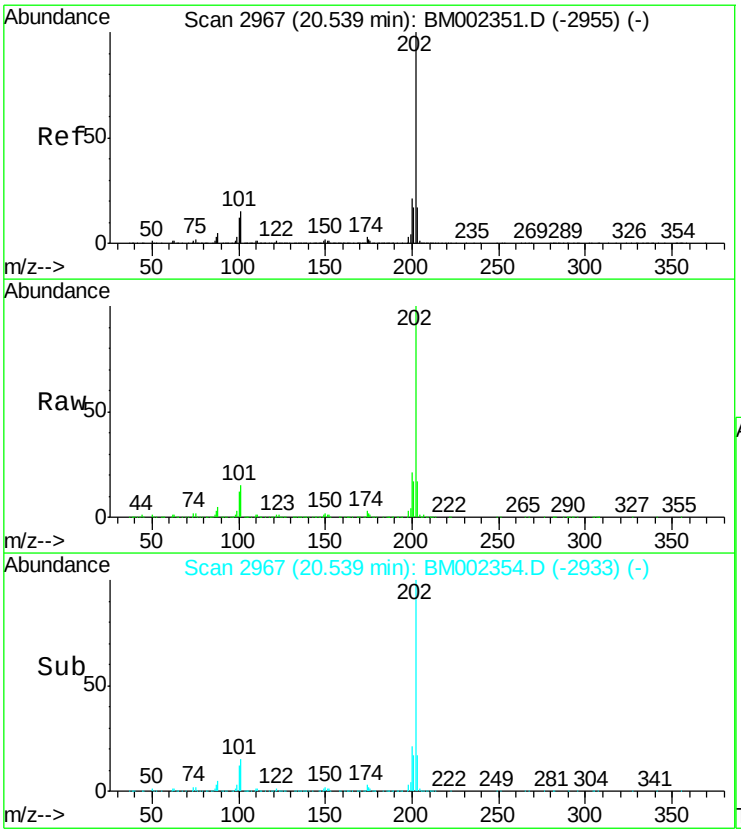
#16
Fluoranthene
Concen: 17.81 ng/ul
RT: 20.18 min Scan# 2906
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Tgt Ion:202 Resp: 1160715

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
100	10.0	8.2	12.4

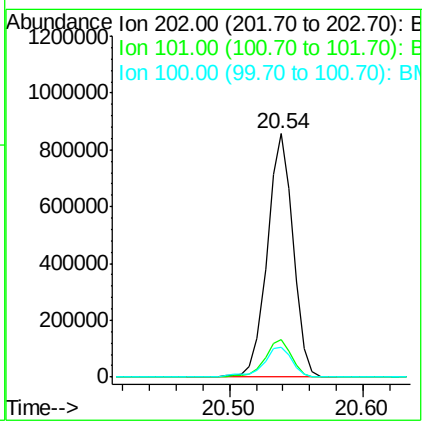


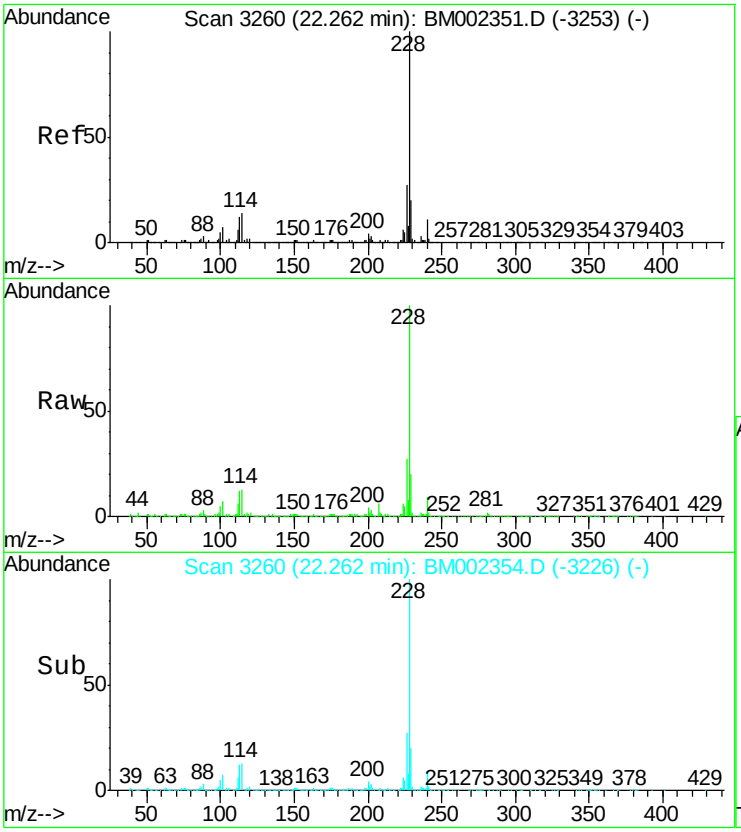


#19
Pyrene
Concen: 24.17 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Tgt Ion:202 Resp: 1156443

Ion	Ratio	Lower	Upper
202	100		
101	15.5	13.0	19.6
100	12.3	11.0	16.4



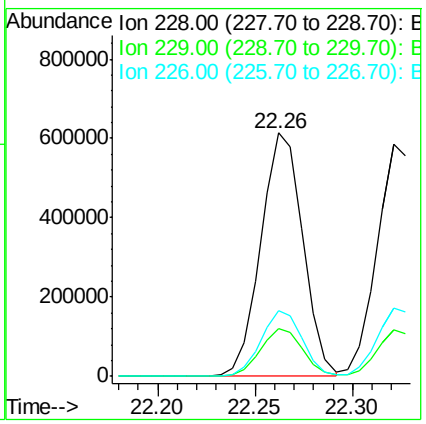


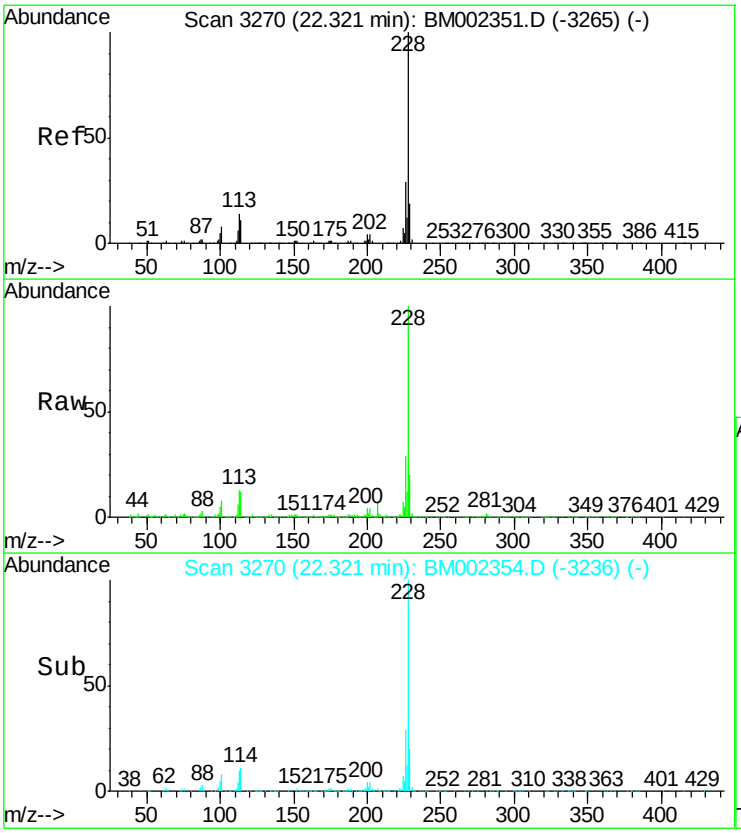
#20
Benzo(a)anthracene
Concen: 20.22 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Tgt Ion:228 Resp: 913206

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	26.7	21.4	32.0

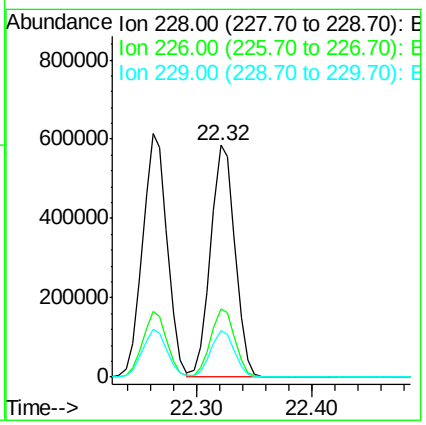


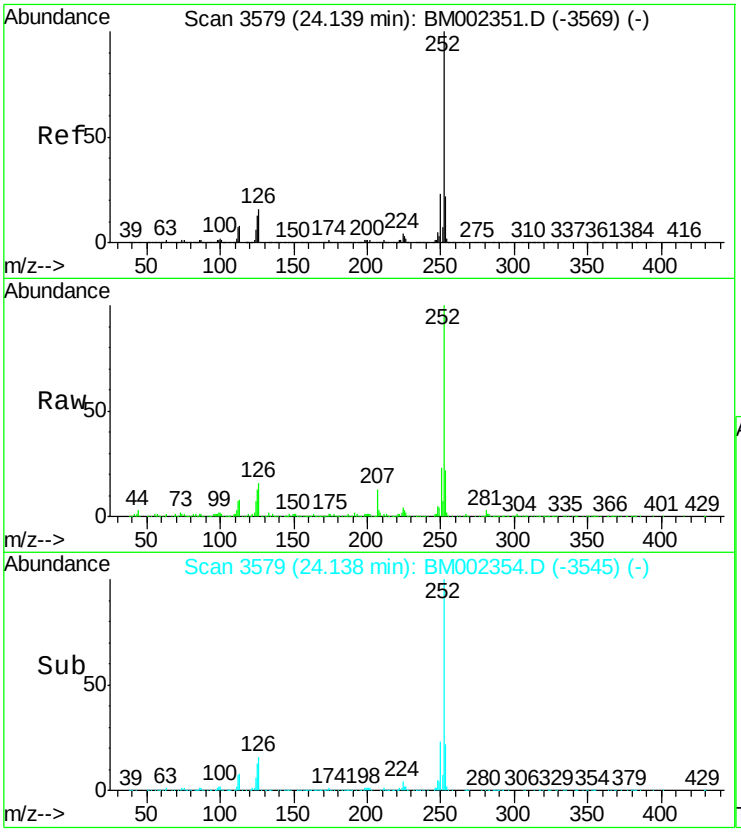


#21
Chrysene
Concen: 20.03 ng/ul
RT: 22.32 min Scan# 3270
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Tgt Ion:228 Resp: 857298

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	19.9	15.5	23.3



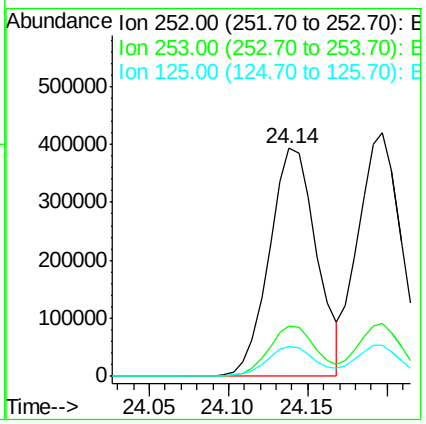


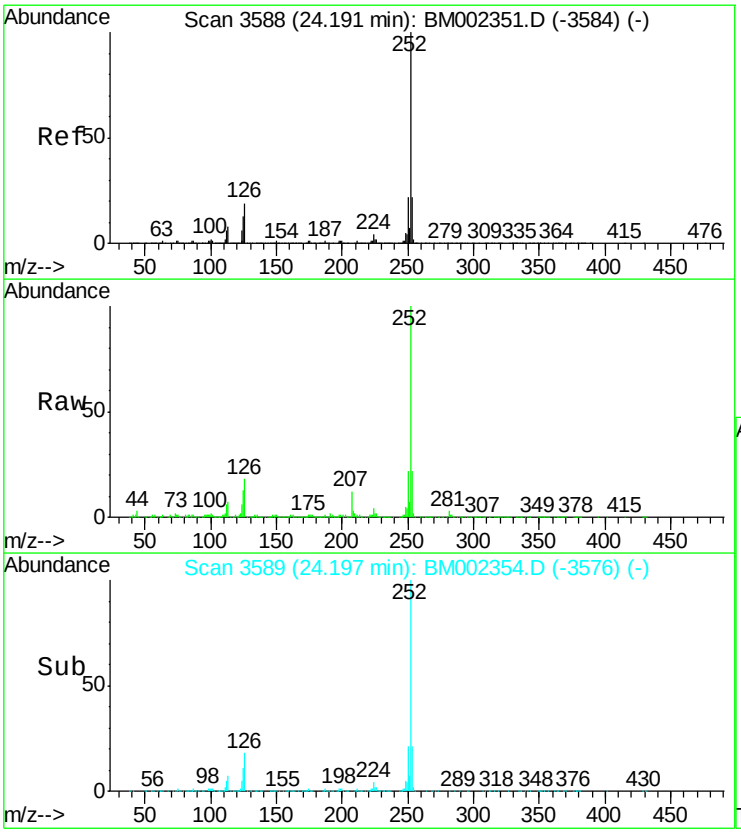
#23
Benzo(b)fluoranthene
Concen: 20.50 ng/ul
RT: 24.14 min Scan# 3579
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Tgt Ion:252 Resp: 814891

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.0	10.3	15.5

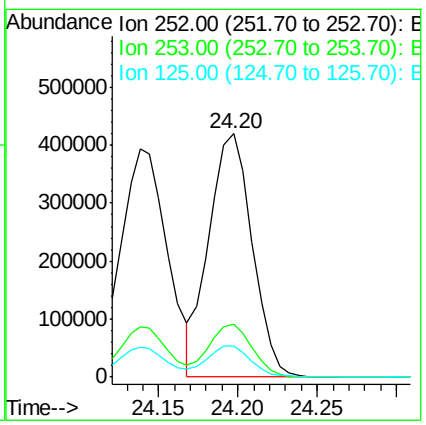


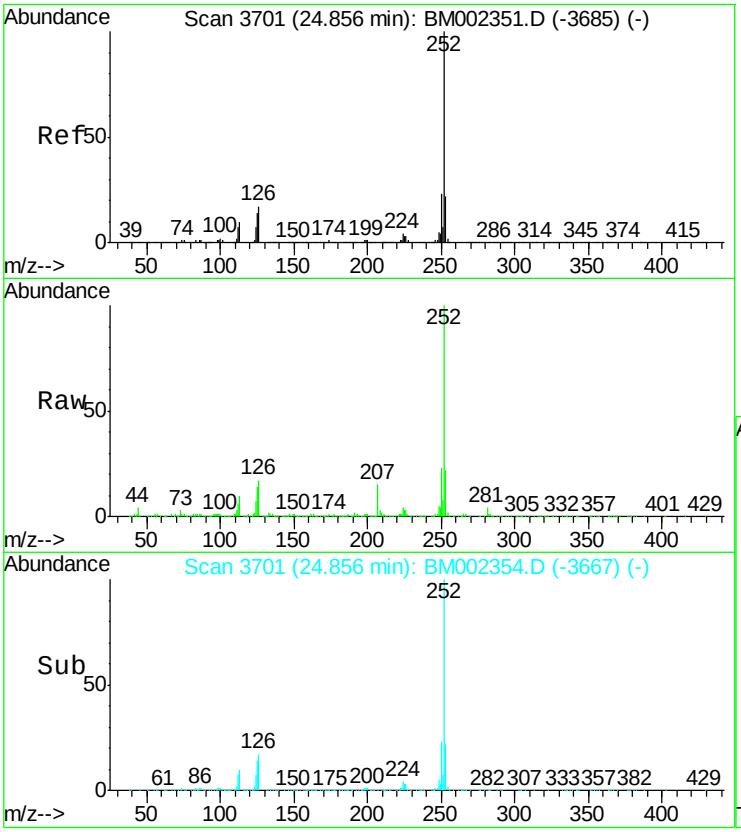


#24
Benzo(k)fluoranthene
Concen: 20.76 ng/ul
RT: 24.20 min Scan# 3589
Delta R.T. 0.01 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Tgt Ion:252 Resp: 792630

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	12.6	10.2	15.4



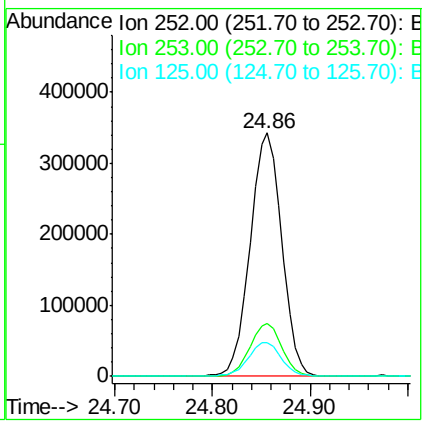


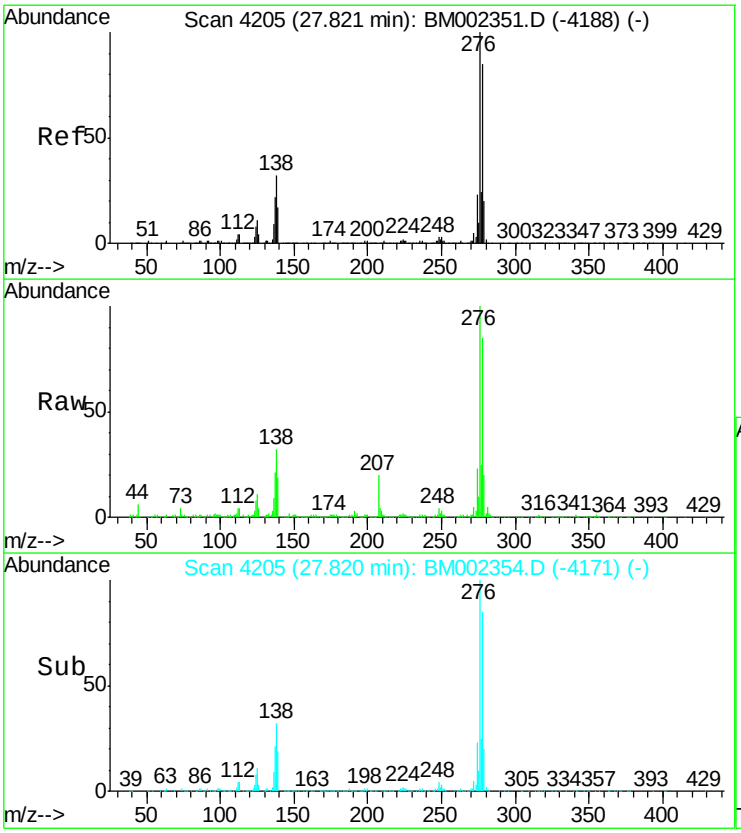
#26
Benzo(a)pyrene
Concen: 20.31 ng/ul
RT: 24.86 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Tgt Ion:252 Resp: 772401

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	14.0	11.0	16.6

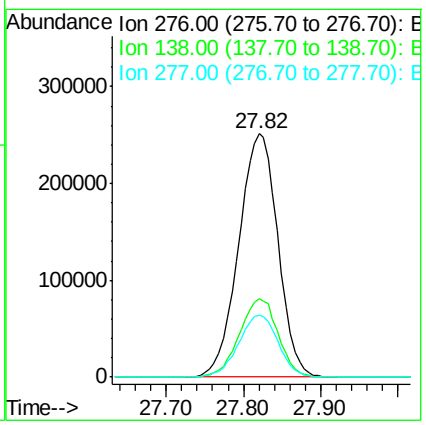


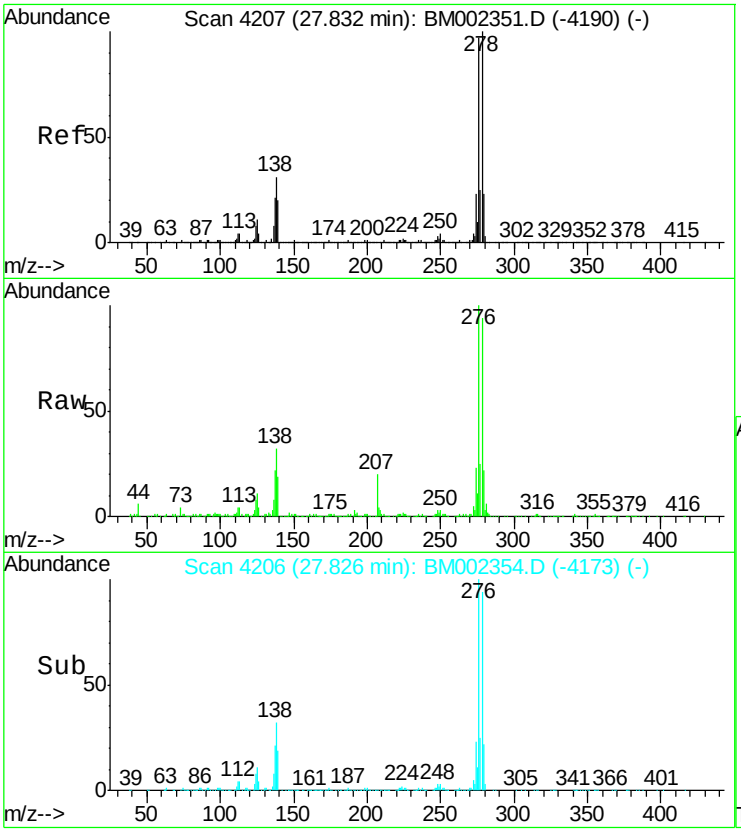


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.51 ng/ul
RT: 27.82 min Scan# 4205
Delta R.T. -0.00 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Tgt Ion:276 Resp: 894169

Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.6	38.4
277	25.2	21.0	31.4



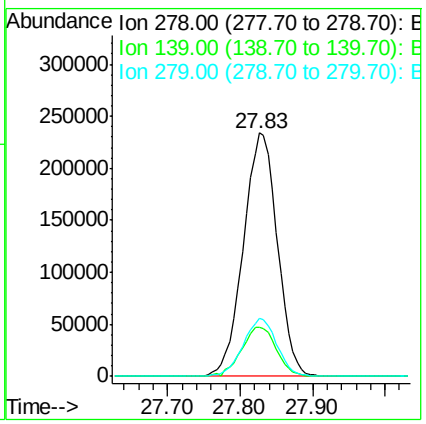


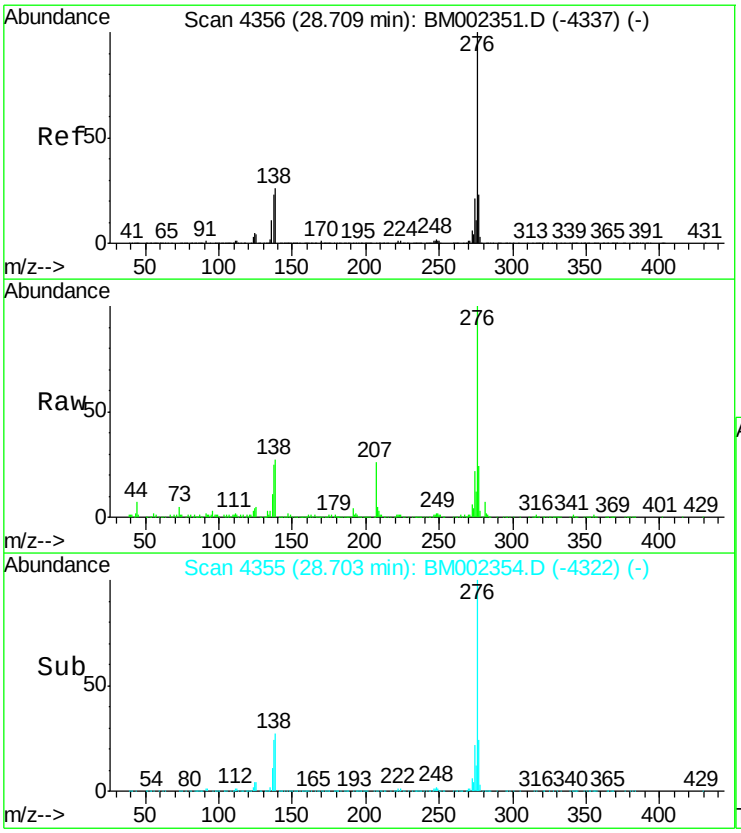
#28
Dibenzo(a,h)anthracene
Concen: 20.63 ng/ul
RT: 27.83 min Scan# 4206
Delta R.T. -0.01 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Tgt Ion:278 Resp: 761919

Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.4	24.6
279	23.8	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 20.45 ng/ul
RT: 28.70 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BM002354.D
Acq: 12 Aug 2015 10:41

Tgt Ion:276 Resp: 752183

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.5	30.7
277	24.2	19.0	28.6