Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080915\
Data File : BM002313.D
Acq On : 09 Aug 2015 13:55
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02018

Quant Time: Aug 10 05:36:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 05:35:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	210251	20.00	ng/ul	0.00
2) Naphthalene-d8	11.79	136	973603	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	498084	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1000430	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	800308	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	688566	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1061310	20.57	ng/ul	0.00
10) Fluorene-d10	16.47	176	719214	20.04	ng/ul	0.00
14) Anthracene-d10	18.31	188	1004105	20.68	ng/ul	0.00
18) Pyrene-d10	20.52	212	922107	23.76	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	755170	20.66	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.85	128	1050506	20.49	ng/ul	100
4) 2-Methylnaphthalene	13.39	142	723979	19.77	ng/ul	99
5) 1-Methylnaphthalene	13.60	142	713093	19.76	ng/ul	100
8) Acenaphthylene	15.23	152	1106865	20.66	ng/ul	100
9) Acenaphthene	15.56	153	741900	20.59	ng/ul	100
11) Fluorene	16.53	166	813998	20.06	ng/ul	100
13) Phenanthrene	18.25	178	1195739	20.77	ng/ul	99
15) Anthracene	18.34	178	1229563	20.67	ng/ul	100
16) Fluoranthene	20.19	202	1226526	19.24	ng/ul	97
19) Pyrene	20.55	202	1232750	23.83	ng/ul	99
20) Benzo(a)anthracene	22.28	228	1007888	20.63	ng/ul	100
21) Chrysene	22.34	228	937528	20.25	ng/ul	100
23) Benzo(b)fluoranthene	24.16	252	894329	20.90	ng/ul	99
24) Benzo(k)fluoranthene	24.22	252	873812	21.26	ng/ul	100
26) Benzo(a)pyrene	24.87	252	836631	20.43	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.85	276	943293	20.10	ng/ul	99
28) Dibenzo(a,h)anthracene	27.86	278	801237	20.15	ng/ul	99
29) Benzo(g,h,i)perylene	28.73	276	793438	20.04	ng/ul	98

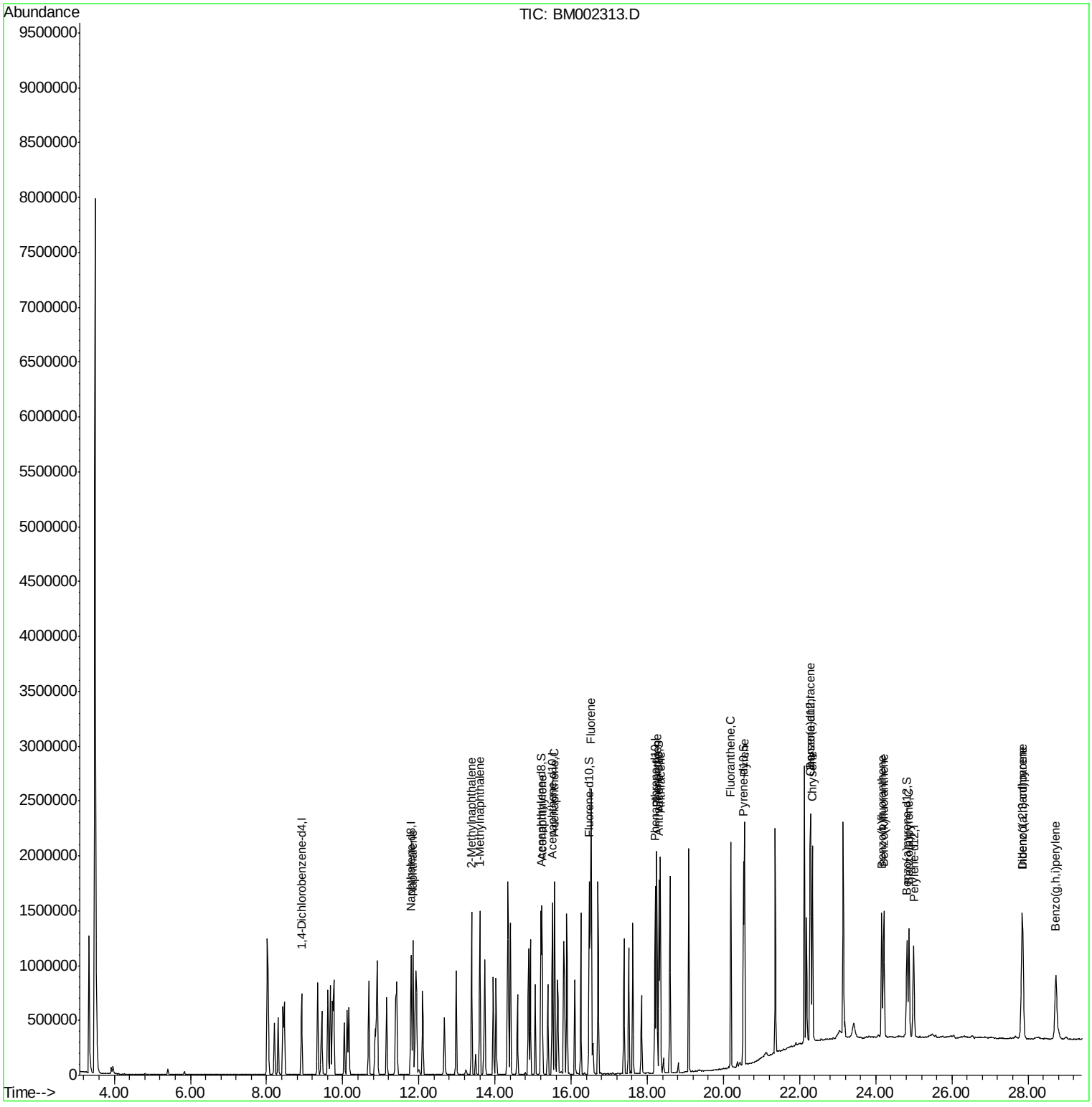
(#) = qualifier out of range (m) = manual integration (+) = signals summed

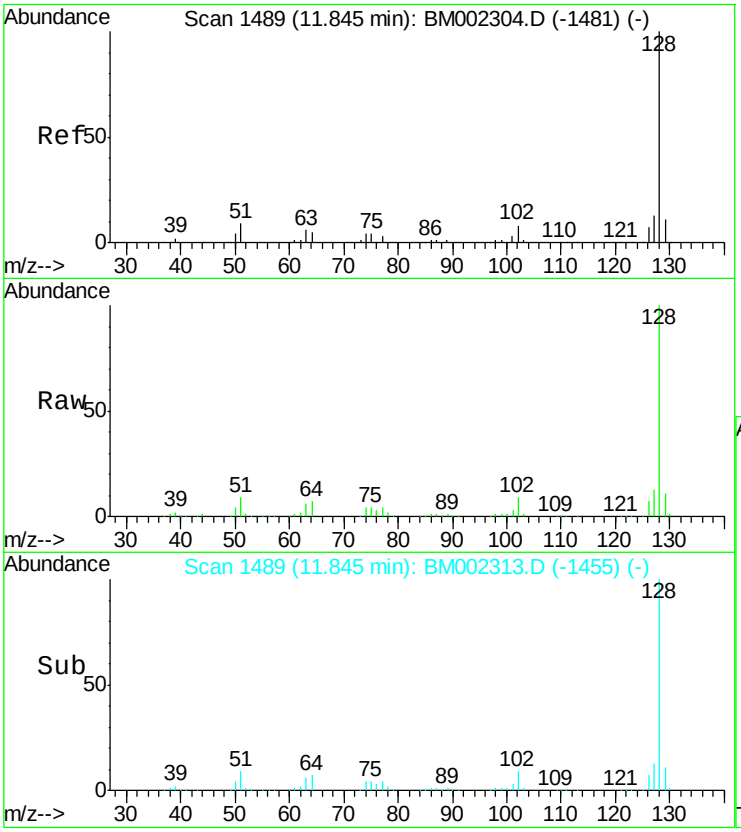
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080915\
Data File : BM002313.D
Acq On : 09 Aug 2015 13:55
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Quant Time: Aug 10 05:36:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 05:35:03 2015
Response via : Initial Calibration



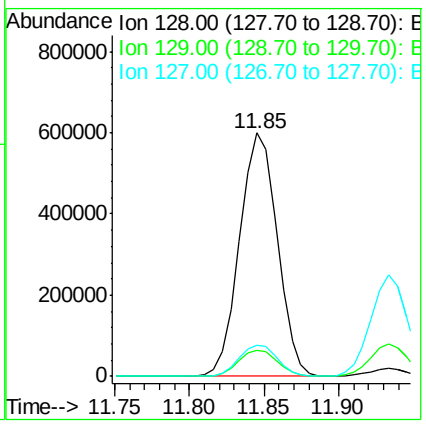


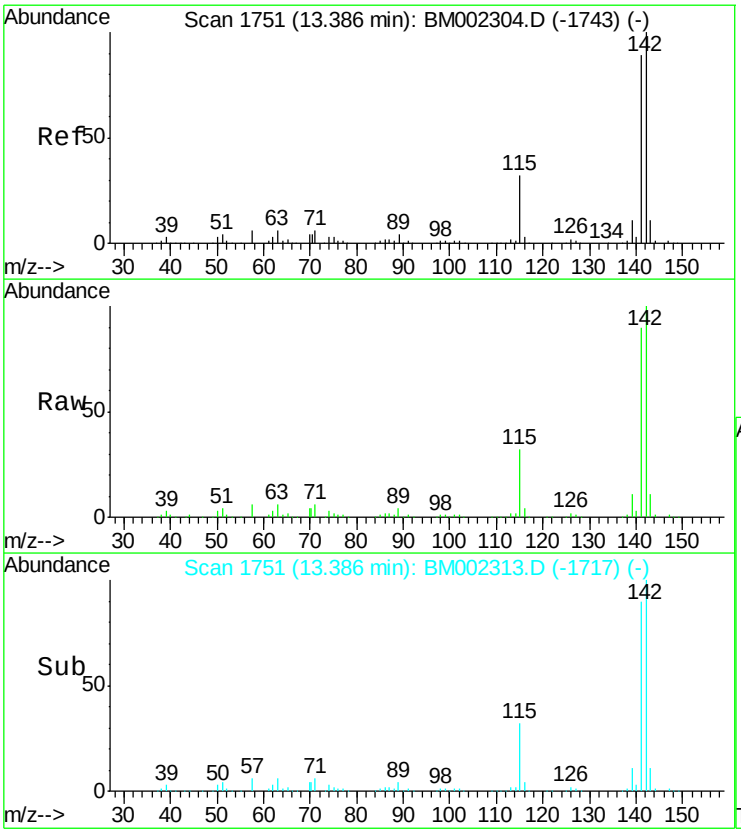
#3
Naphthalene
Concen: 20.49 ng/ul
RT: 11.85 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:128 Resp: 1050506

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.0	10.4	15.6

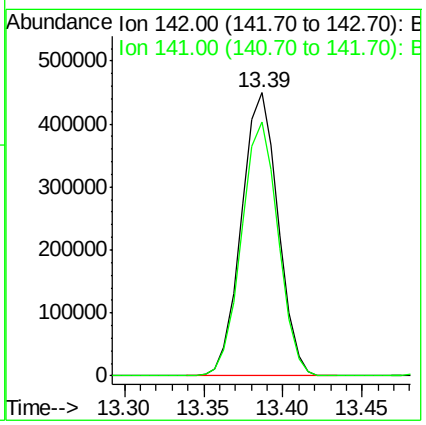


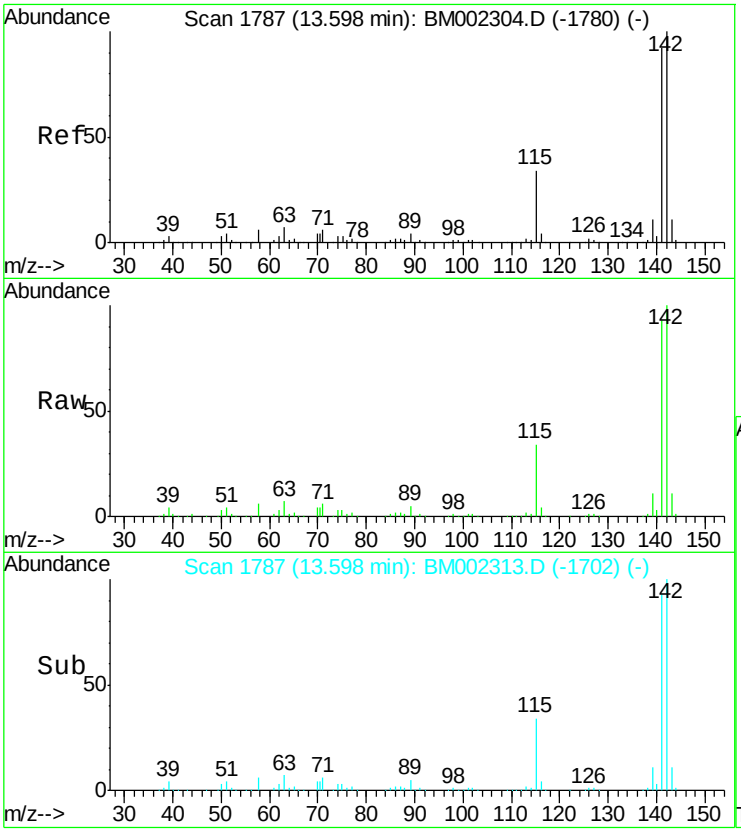


#4
2-Methylnaphthalene
Concen: 19.77 ng/ul
RT: 13.39 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Tgt Ion:142 Resp: 723979

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.5	108.7



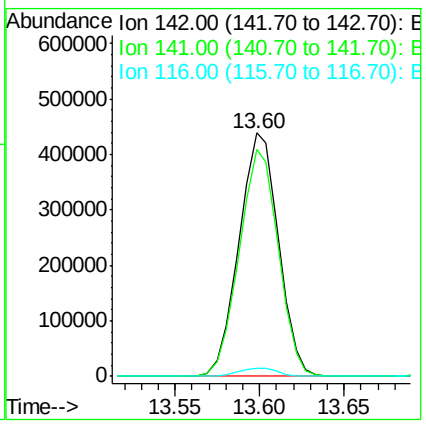


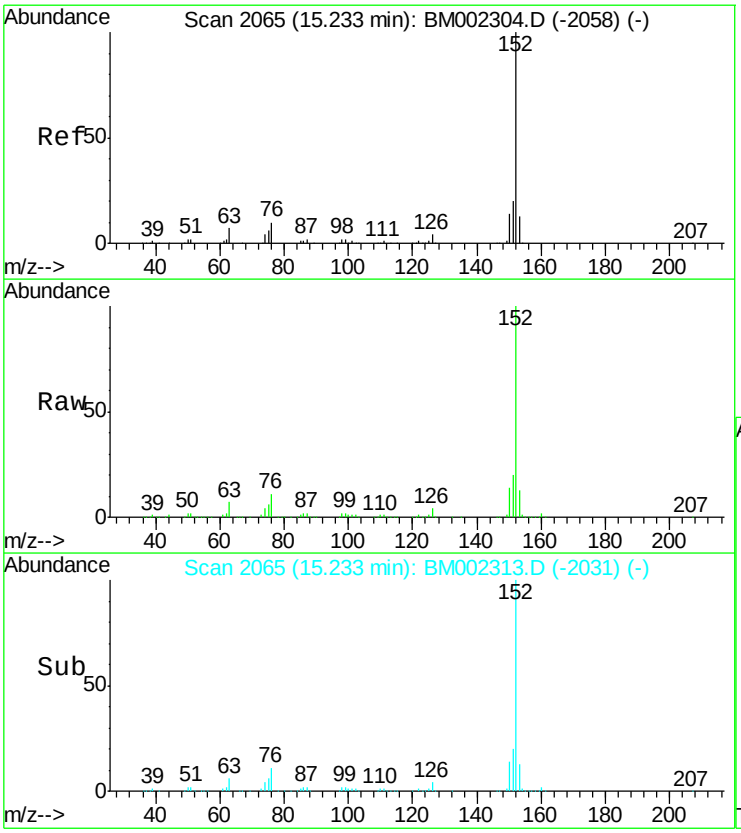
#5
1-Methylnaphthalene
Concen: 19.76 ng/ul
RT: 13.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:142 Resp: 713093

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

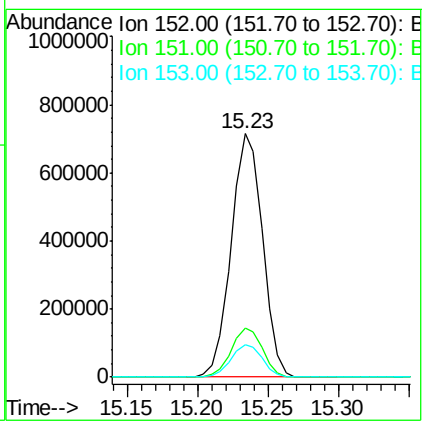


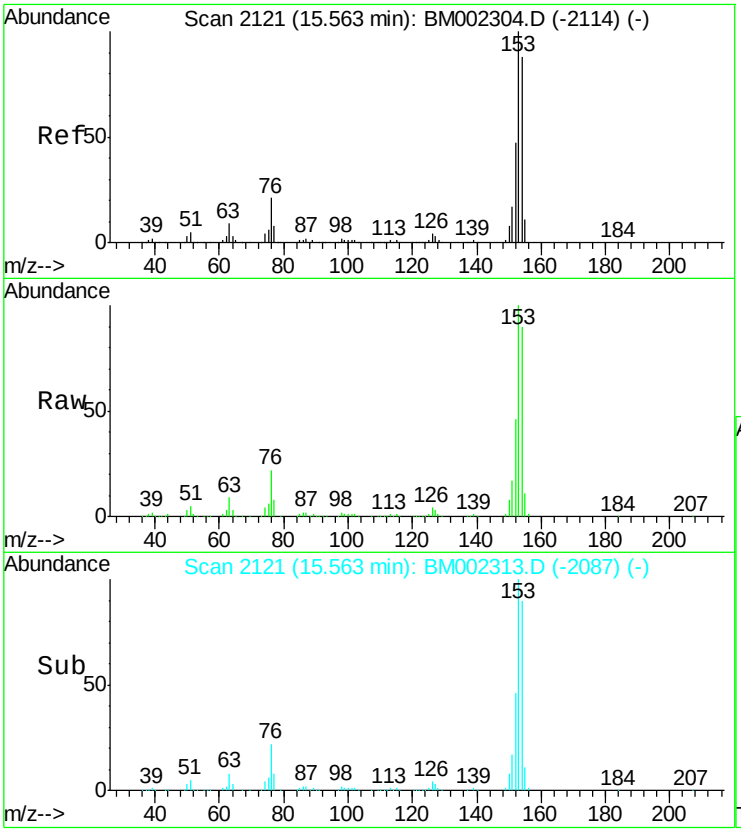


#8
Acenaphthylene
Concen: 20.66 ng/ul
RT: 15.23 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Tgt Ion:152 Resp: 1106865

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.2	10.6	15.8



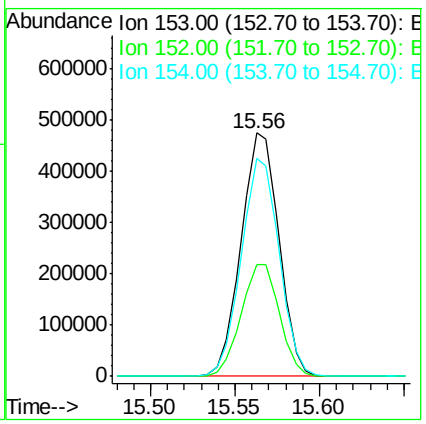


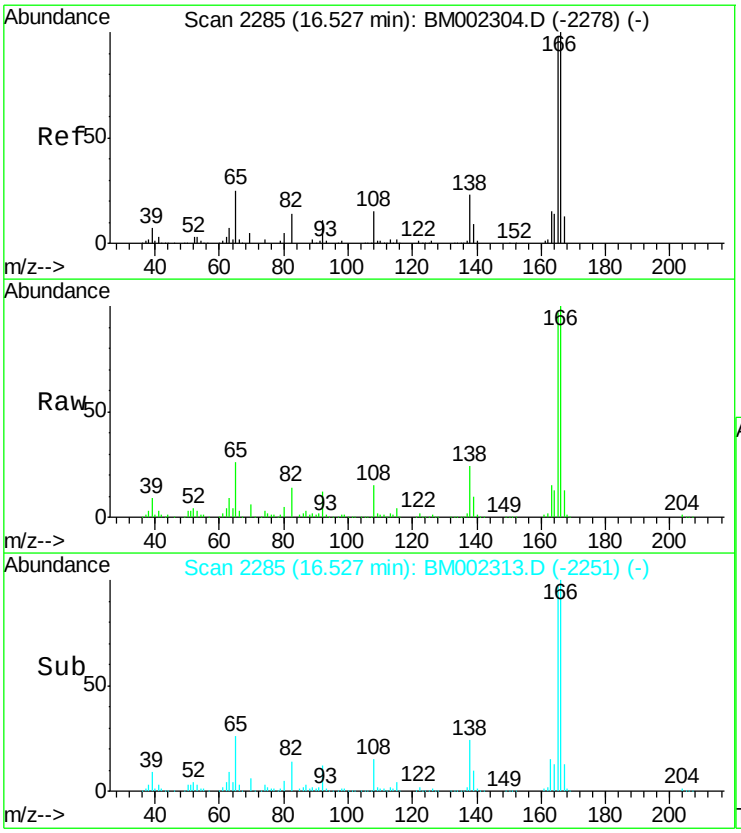
#9
Acenaphthene
Concen: 20.59 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:153 Resp: 741900

Ion	Ratio	Lower	Upper
153	100		
152	46.1	36.6	55.0
154	89.5	71.5	107.3

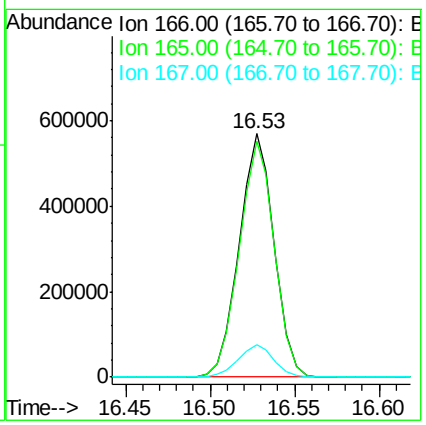


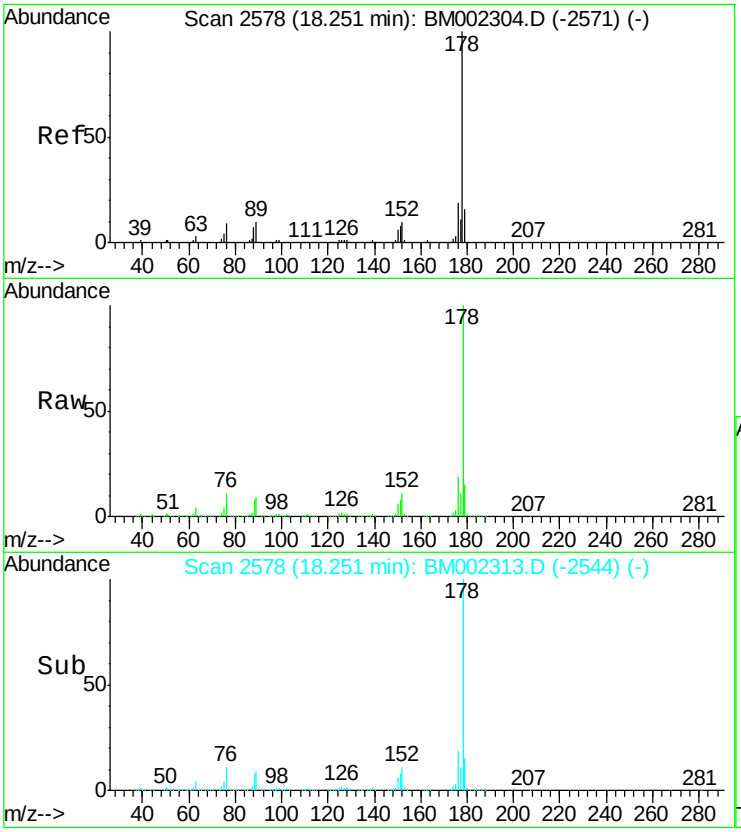


#11
Fluorene
Concen: 20.06 ng/ul
RT: 16.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Tgt Ion:166 Resp: 813998

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.5	116.3
167	13.3	10.4	15.6



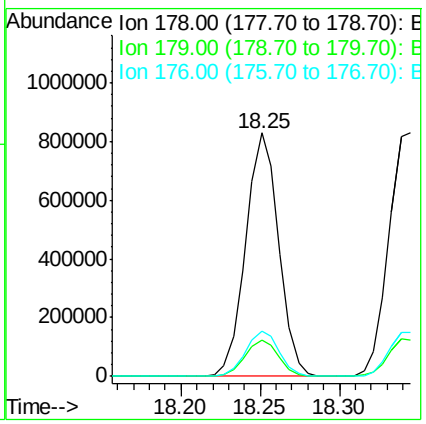


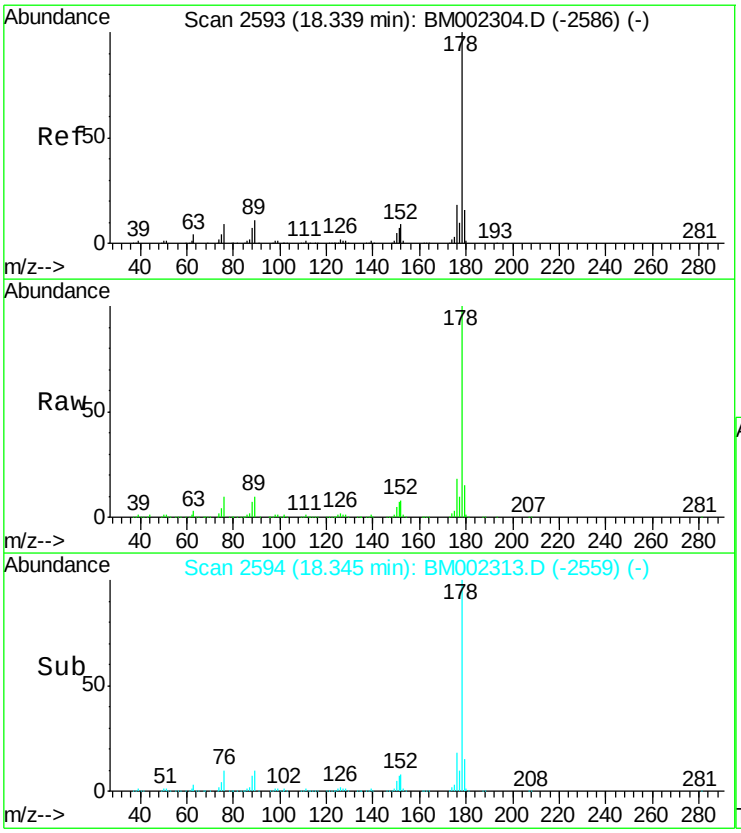
#13
Phenanthrene
Concen: 20.77 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:178 Resp: 1195739

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.7	15.3	22.9

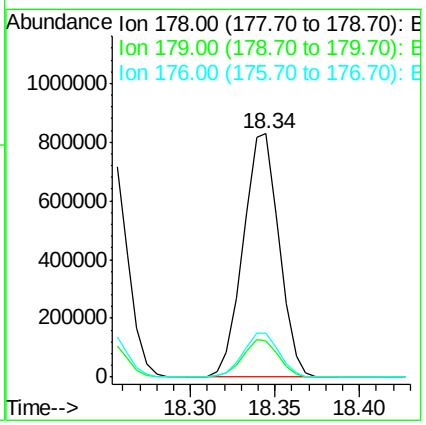


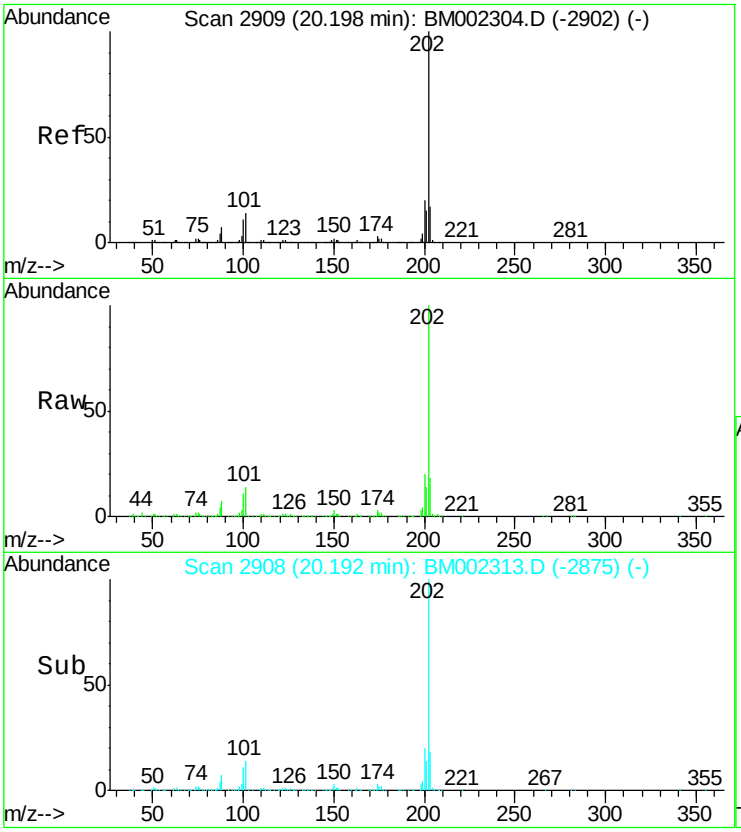


#15
Anthracene
Concen: 20.67 ng/ul
RT: 18.34 min Scan# 2594
Delta R.T. 0.01 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Tgt Ion:178 Resp: 1229563

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.1	14.5	21.7



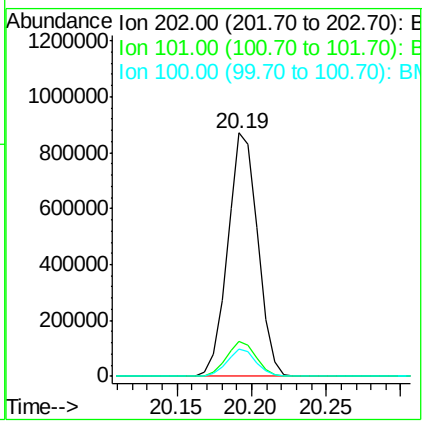


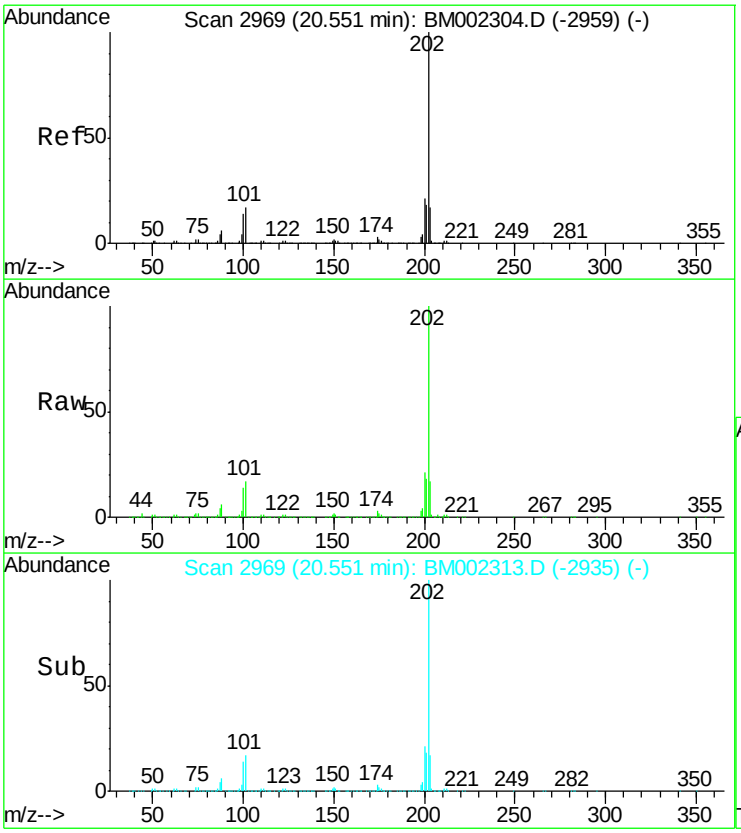
#16
Fluoranthene
Concen: 19.24 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. -0.01 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:202 Resp: 1226526

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.6	15.8
100	11.3	8.2	12.4

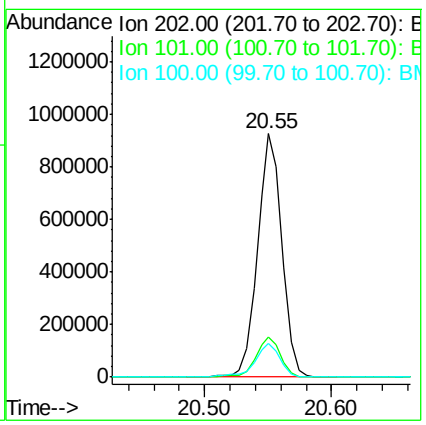


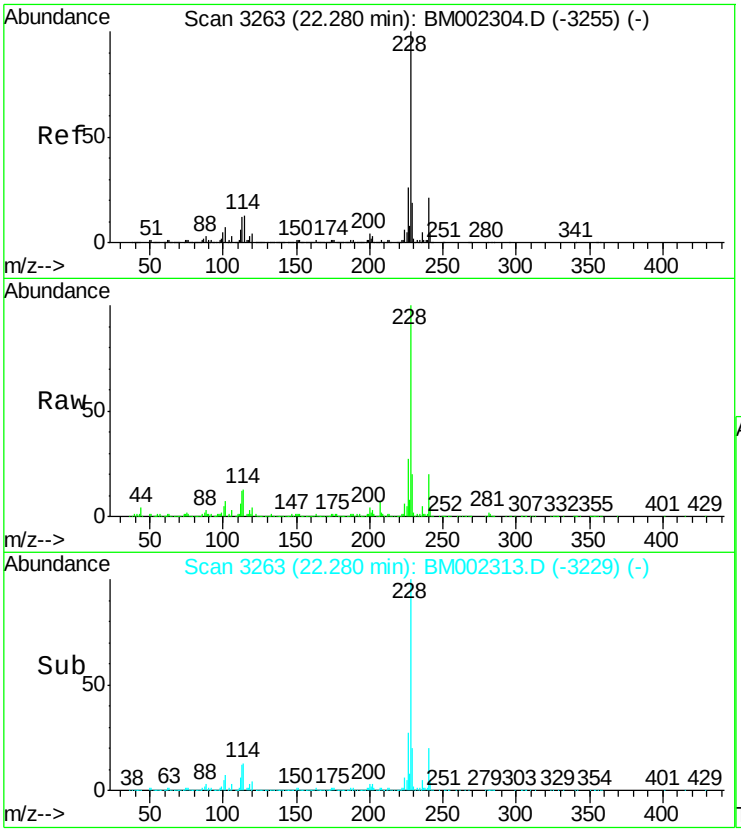


#19
Pyrene
Concen: 23.83 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Tgt Ion:202 Resp: 1232750

Ion	Ratio	Lower	Upper
202	100		
101	16.7	13.0	19.6
100	13.8	11.0	16.4



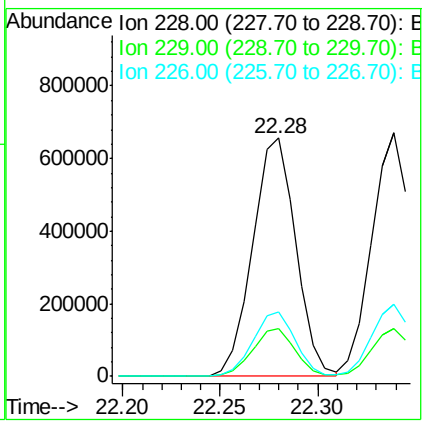


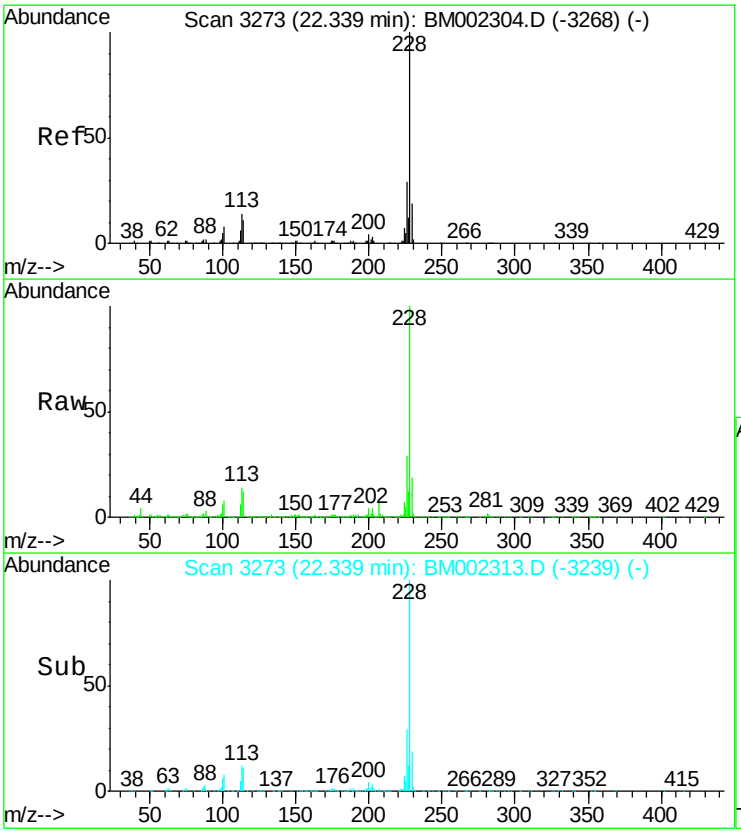
#20
Benzo(a)anthracene
Concen: 20.63 ng/ul
RT: 22.28 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:228 Resp: 1007888

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	27.0	21.4	32.0

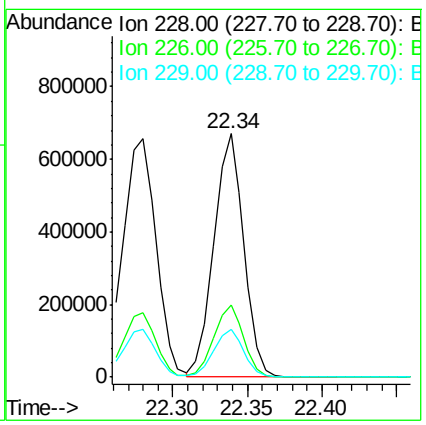


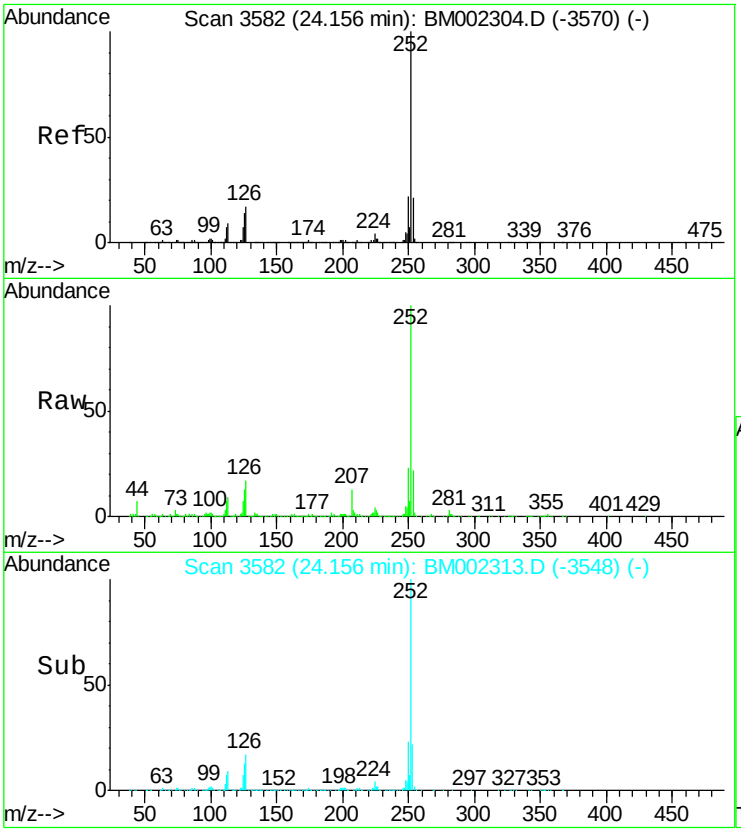


#21
Chrysene
Concen: 20.25 ng/ul
RT: 22.34 min Scan# 3273
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Tgt Ion:228 Resp: 937528

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	19.4	15.5	23.3



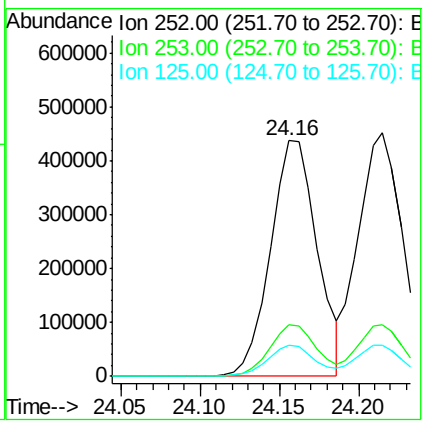


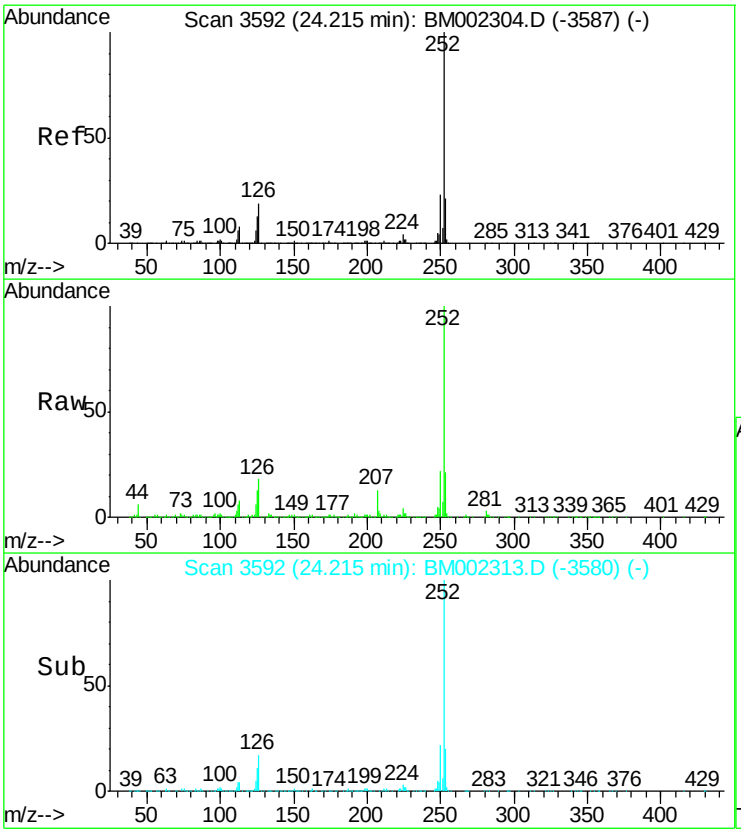
#23
Benzo(b)fluoranthene
Concen: 20.90 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:252 Resp: 894329

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.1	10.3	15.5

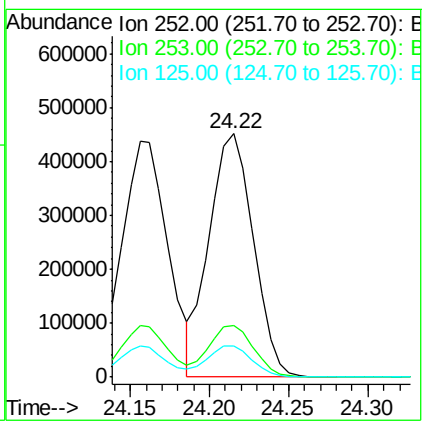


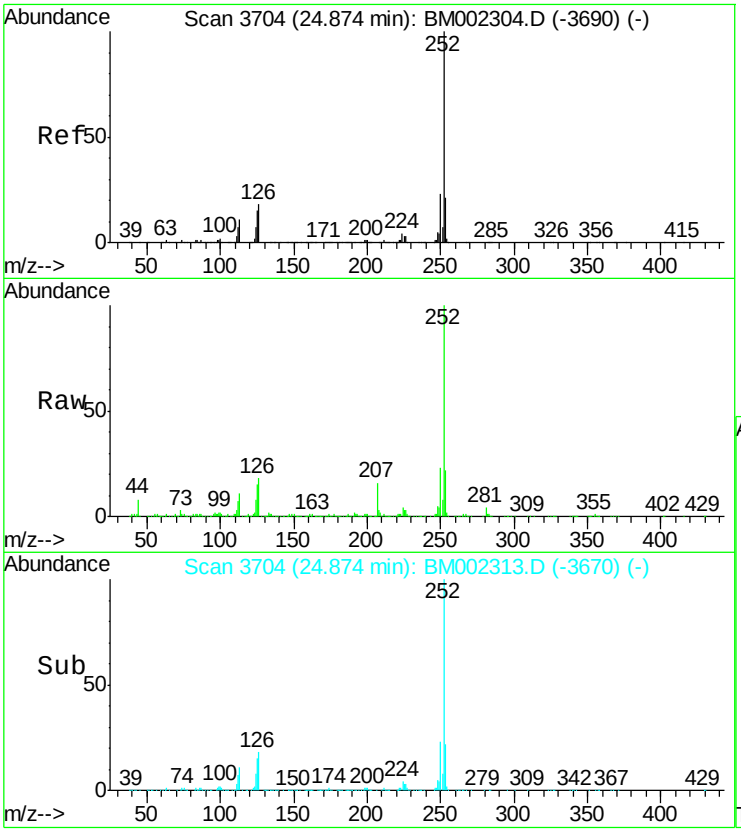


#24
Benzo(k)fluoranthene
Concen: 21.26 ng/ul
RT: 24.22 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Tgt Ion:252 Resp: 873812

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.3	25.9
125	12.9	10.2	15.4



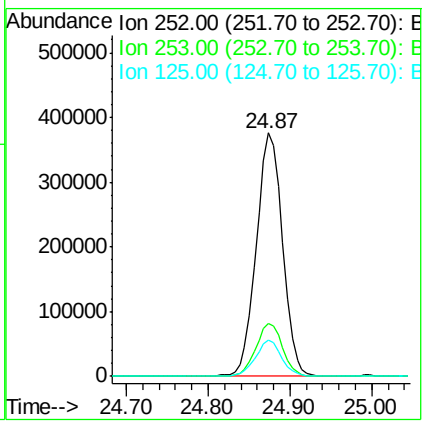


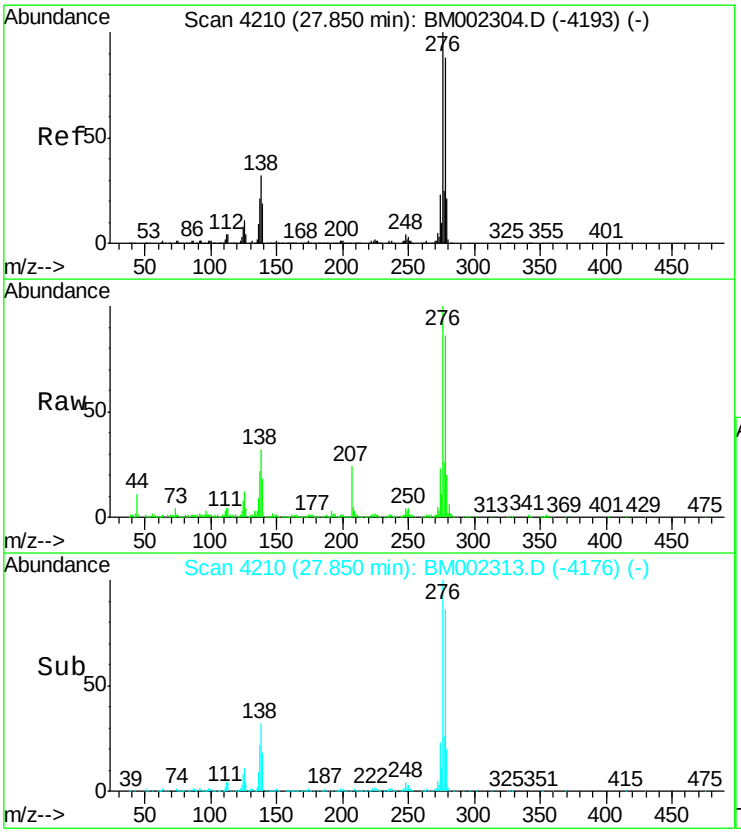
#26
Benzo(a)pyrene
Concen: 20.43 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:252 Resp: 836631

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	14.9	11.0	16.6

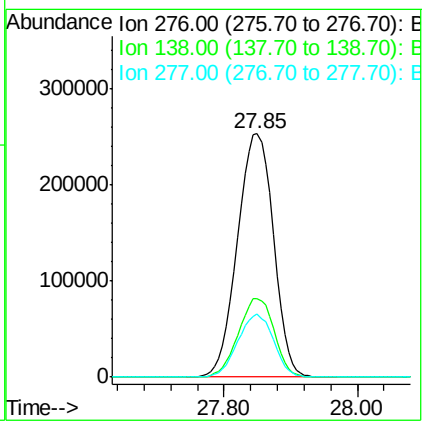


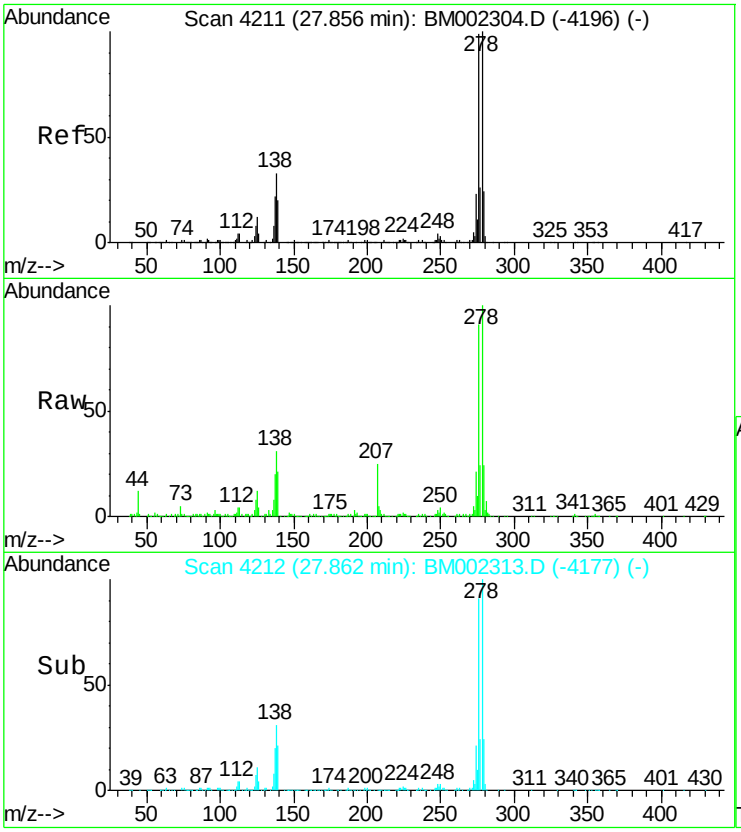


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.10 ng/ul
RT: 27.85 min Scan# 4210
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Tgt Ion:276 Resp: 943293

Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.6	38.4
277	25.9	21.0	31.4



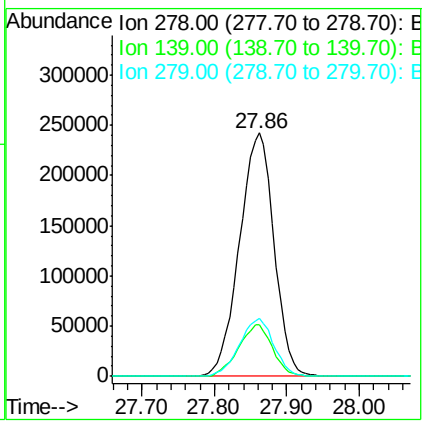


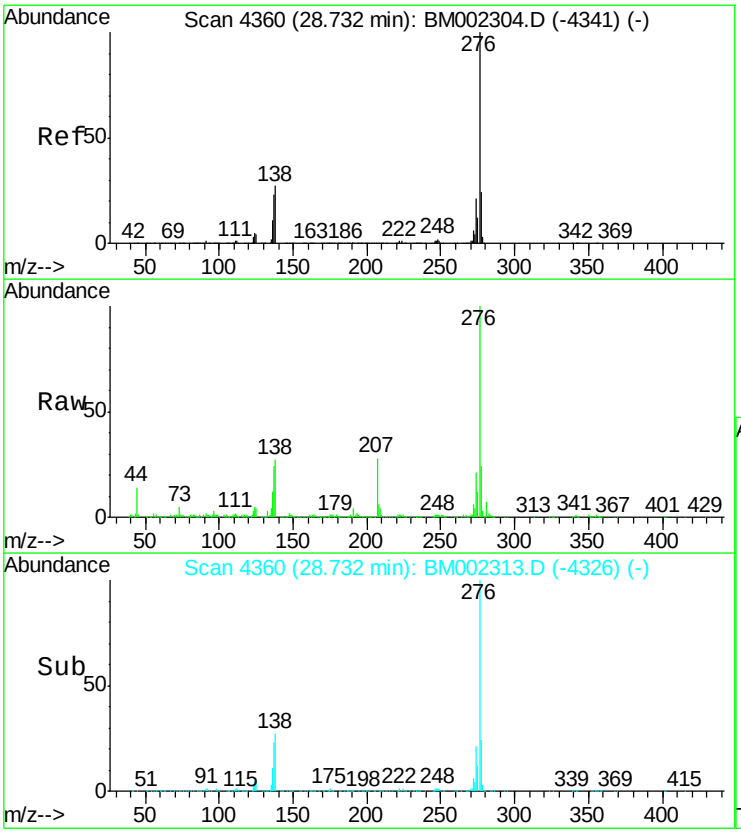
#28
Dibenzo(a,h)anthracene
Concen: 20.15 ng/ul
RT: 27.86 min Scan# 4212
Delta R.T. 0.01 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:278 Resp: 801237

Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.4	24.6
279	23.8	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 20.04 ng/ul
RT: 28.73 min Scan# 4360
Delta R.T. 0.00 min
Lab File: BM002313.D
Acq: 09 Aug 2015 13:55

Tgt Ion:276 Resp: 793438

Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.5	30.7
277	24.3	19.0	28.6