Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006643.D
Acq On : 23 Jul 2016 02:46
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Jul 23 03:28:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	321111	20.00	ng/ul	0.01
7) Naphthalene-d8	10.40	136	1330079	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.27	164	711432	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	1561026	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1614596	20.00	ng/ul	0.01
34) Perylene-d12	23.44	264	1759180	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	59919	7.55	ng/uL	0.00
3) Phenol-d5	6.81	99	573831	21.00	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.96	67	352614	20.84	ng/ul	0.01
5) 2-Chlorophenol-d4	7.16	132	450669	20.65	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	437665	20.66	ng/ul	0.02
8) Nitrobenzene-d5	8.78	128	216270	21.48	ng/ul	0.01
9) 2-Nitrophenol-d4	9.49	143	229601	21.44	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	420824	20.80	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	550819	24.72	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	1117105	20.03	ng/ul	0.00
17) Acenaphthylene-d8	13.97	160	1468744	20.63	ng/ul	0.01
20) 4-Nitrophenol-d4	14.52	143	200698	20.72	ng/ul	0.02
21) Fluorene-d10	15.27	176	993782	19.92	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.42	200	101253	12.50	ng/ul	0.02
26) Anthracene-d10	17.13	188	1487179	20.06	ng/ul	0.01
30) Pyrene-d10	19.43	212	1635934	22.24	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.30	264	1685441	20.83	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.45	128	1358890	19.81	ng/ul	99
13) 2-Methylnaphthalene	12.07	142	979588	19.46	ng/ul	100
14) 1-Methylnaphthalene	12.30	142	940454	19.59	ng/ul#	94
18) Acenaphthylene	14.00	152	1530620	20.07	ng/ul	97
19) Acenaphthene	14.34	153	976002	19.92	ng/ul	95
22) Fluorene	15.33	166	1084307	19.64	ng/ul	96
25) Phenanthrene	17.07	178	1746577	19.89	ng/ul	99
27) Anthracene	17.16	178	1787664	19.78	ng/ul	98
28) Fluoranthene	19.10	202	2073616	20.11	ng/ul	98
31) Pyrene	19.46	202	2135207	21.84	ng/ul	97
32) Benzo(a)anthracene	21.22	228	2008766	20.53	ng/ul	97
33) Chrysene	21.27	228	1898962	21.05	ng/ul	99
35) Benzo(b)fluoranthene	22.78	252	2114964	20.06	ng/ul	98
36) Benzo(k)fluoranthene	22.82	252	2110729	20.70	ng/ul	99
38) Benzo(a)pyrene	23.35	252	2113860	20.59	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.66	276	2459198	20.69	ng/ul	95
40) Dibenzo(a,h)anthracene	25.67	278	2051990	20.83	ng/ul	98
41) Benzo(g,h,i)perylene	26.34	276	2165077	21.25	ng/ul	97

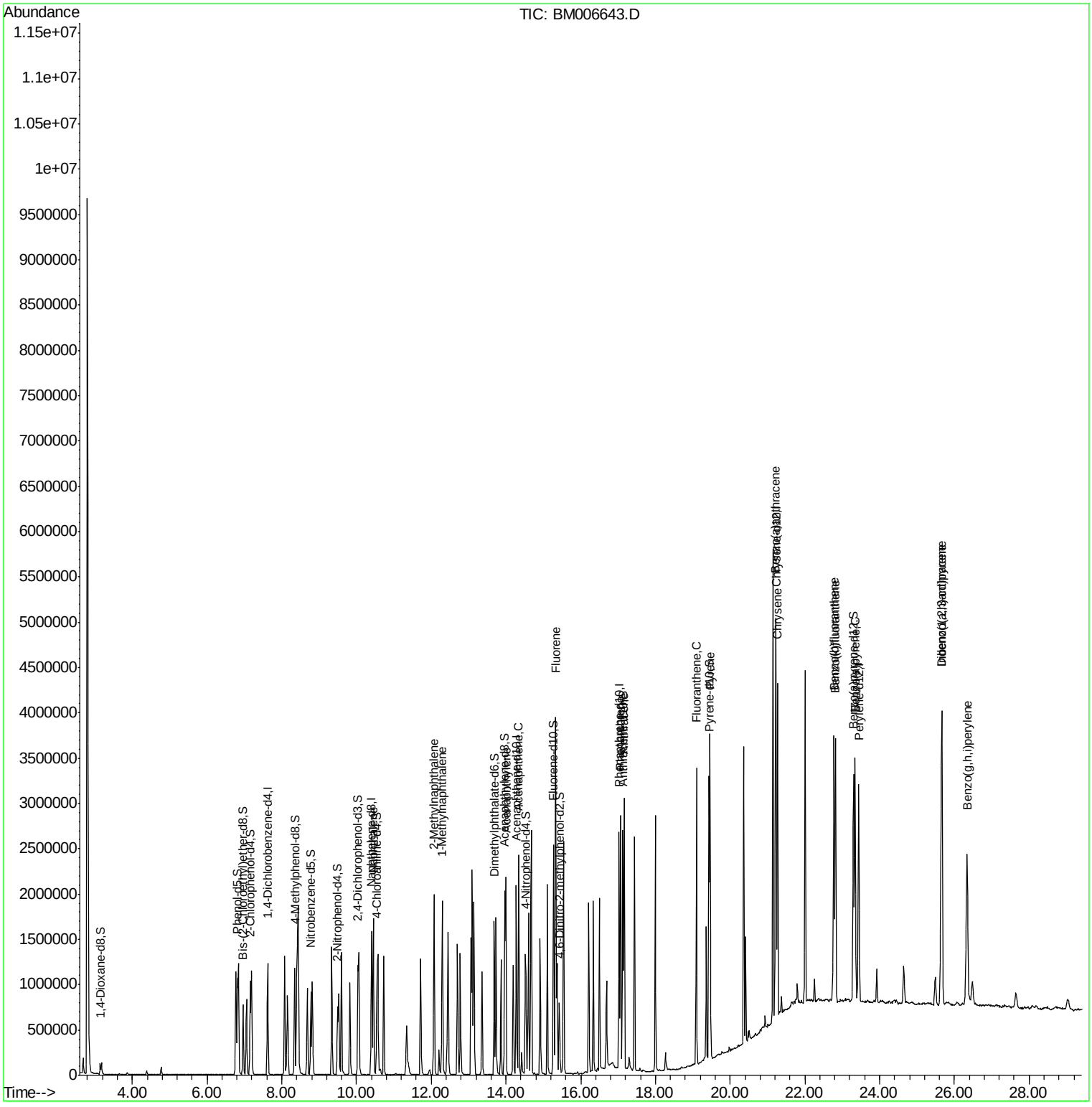
(#) = qualifier out of range (m) = manual integration (+) = signals summed

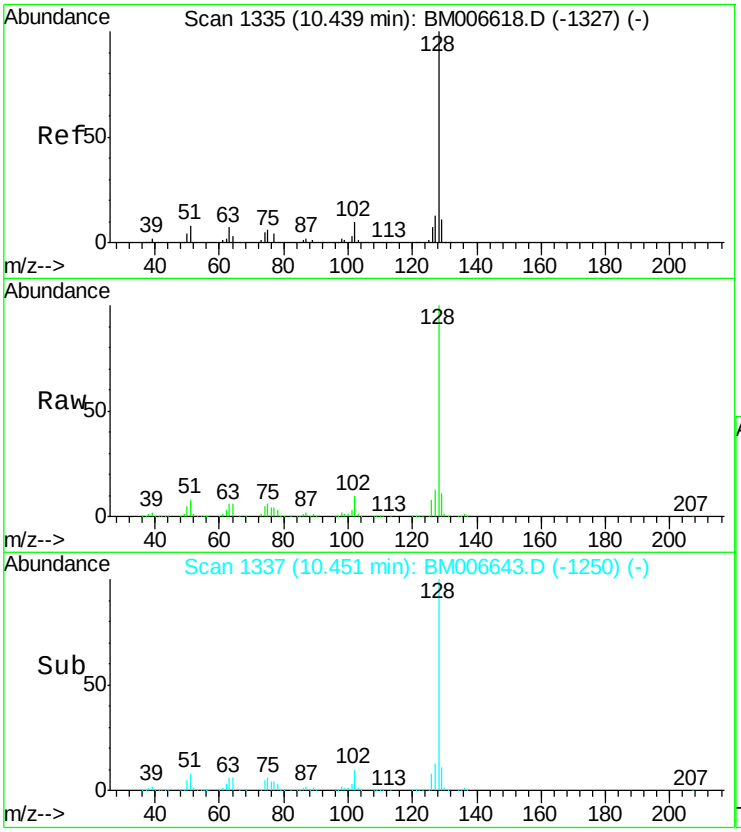
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006643.D
Acq On : 23 Jul 2016 02:46
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Jul 23 03:28:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration



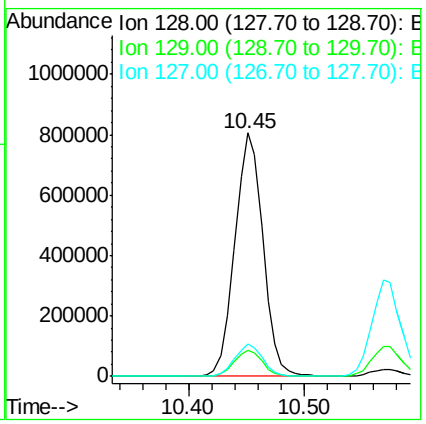


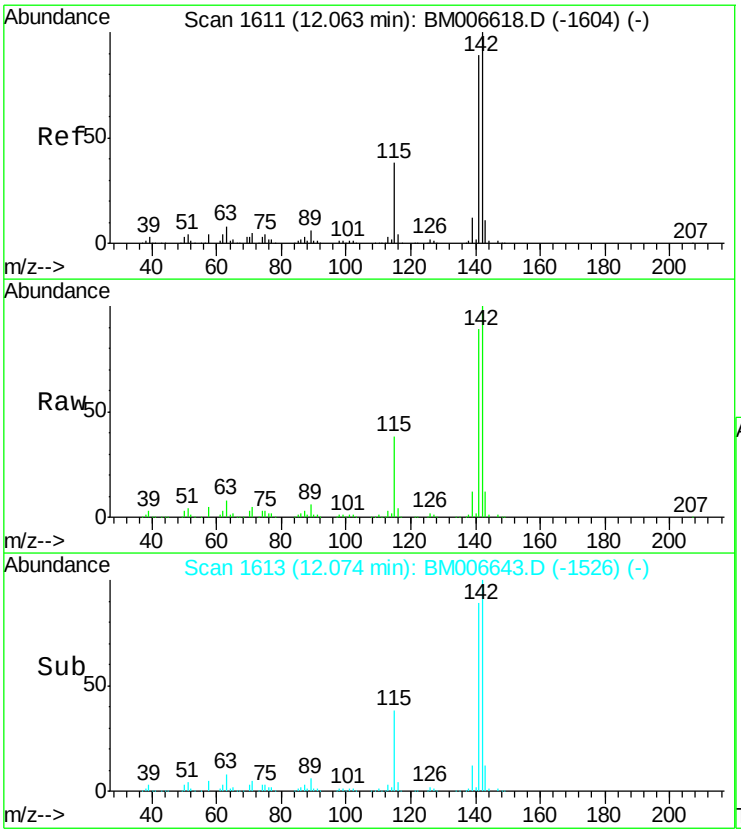
#11
Naphthalene
Concen: 19.81 ng/ul
RT: 10.45 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:128 Resp: 1358890

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.2	10.8	16.2

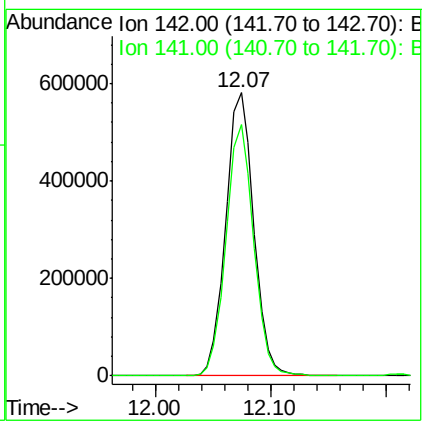


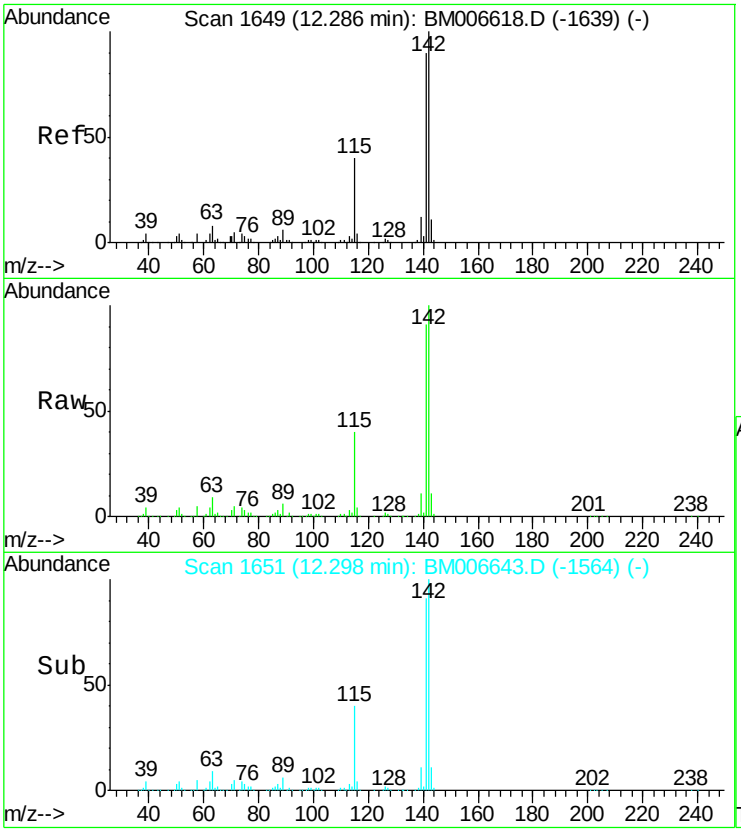


#13
2-Methylnaphthalene
Concen: 19.46 ng/ul
RT: 12.07 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Tgt Ion:142 Resp: 979588

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9



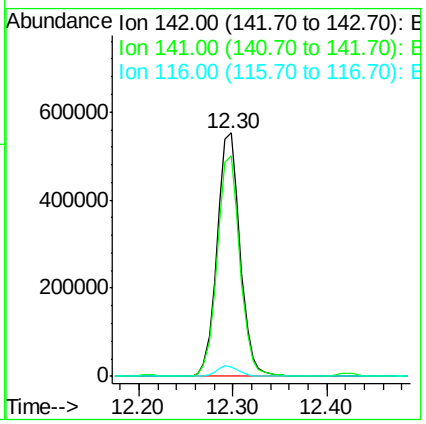


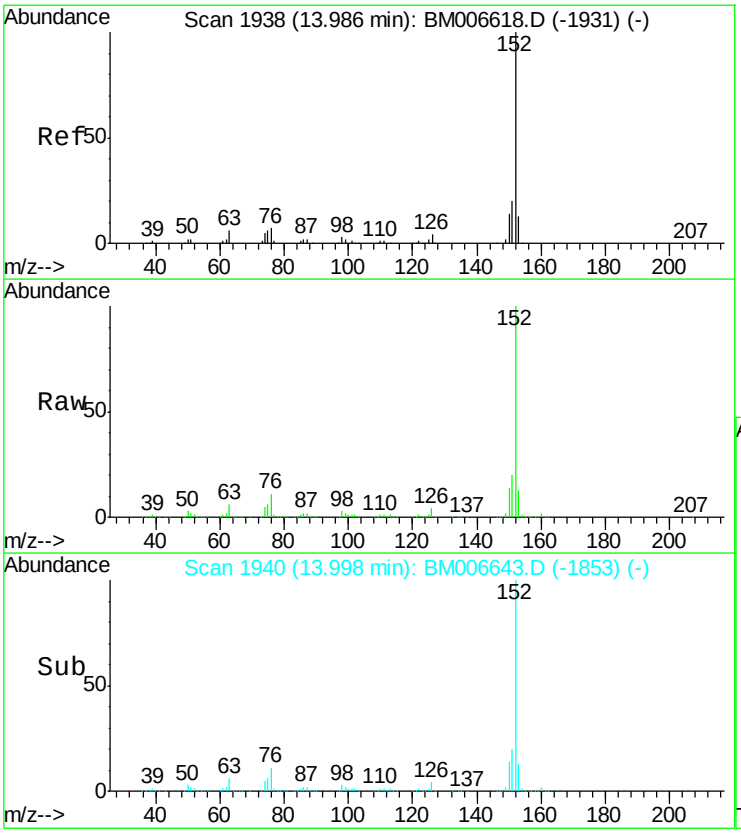
#14
1-Methylnaphthalene
Concen: 19.59 ng/ul
RT: 12.30 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:142 Resp: 940454

Ion	Ratio	Lower	Upper
142	100		
141	90.6	77.0	115.4
116	4.0	4.2	6.4#

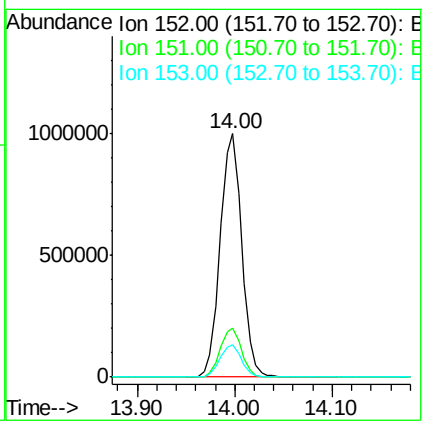


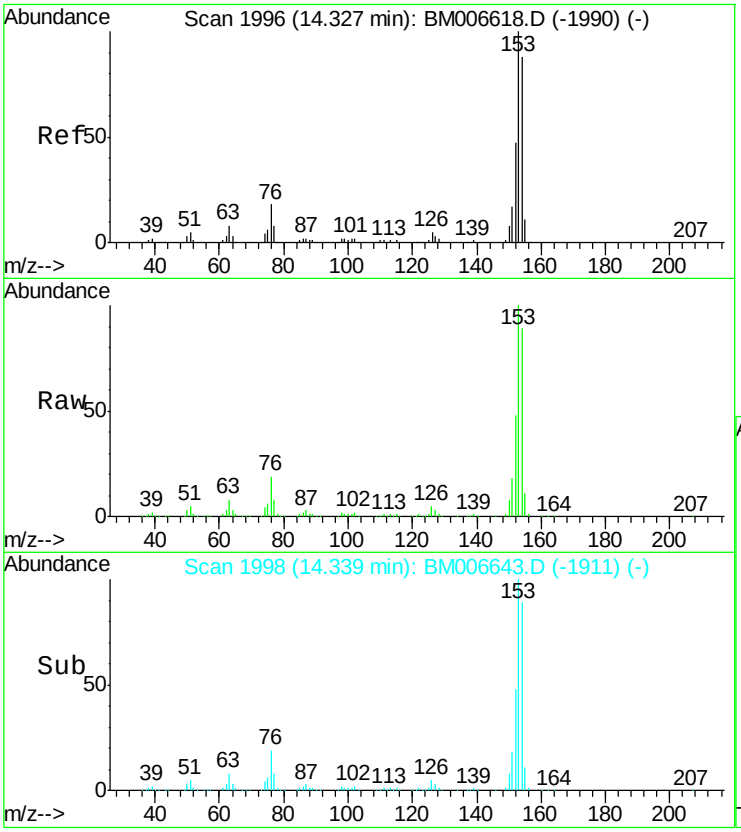


#18
Acenaphthylene
Concen: 20.07 ng/ul
RT: 14.00 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Tgt Ion:152 Resp: 1530620

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.3	25.9
153	13.1	11.1	16.7



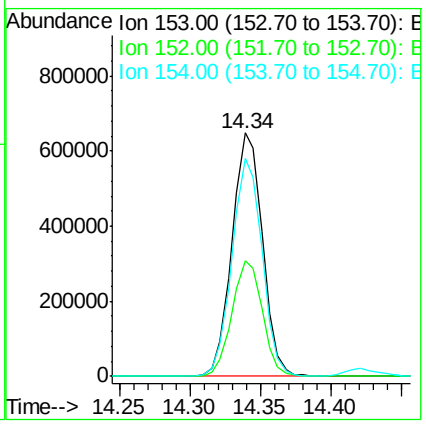


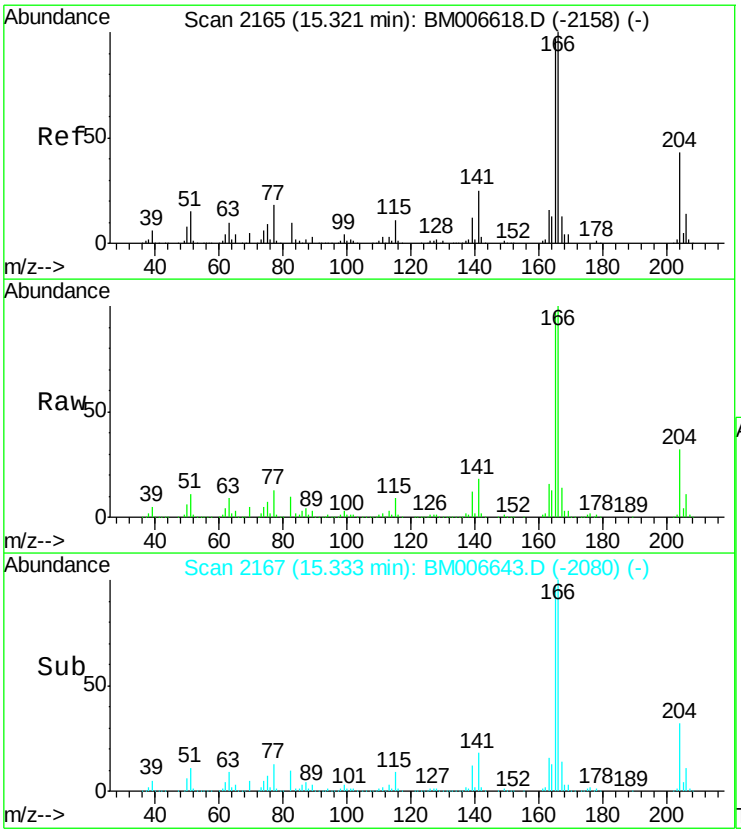
#19
Acenaphthene
Concen: 19.92 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:153 Resp: 976002

Ion	Ratio	Lower	Upper
153	100		
152	47.7	36.5	54.7
154	89.3	67.3	100.9

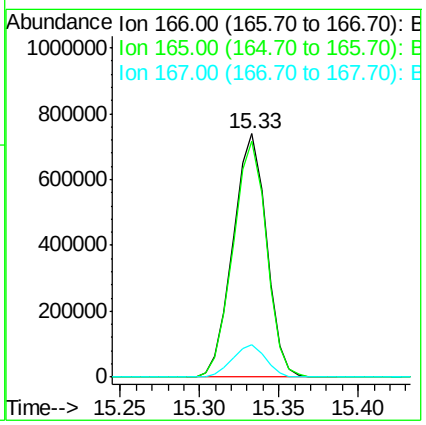


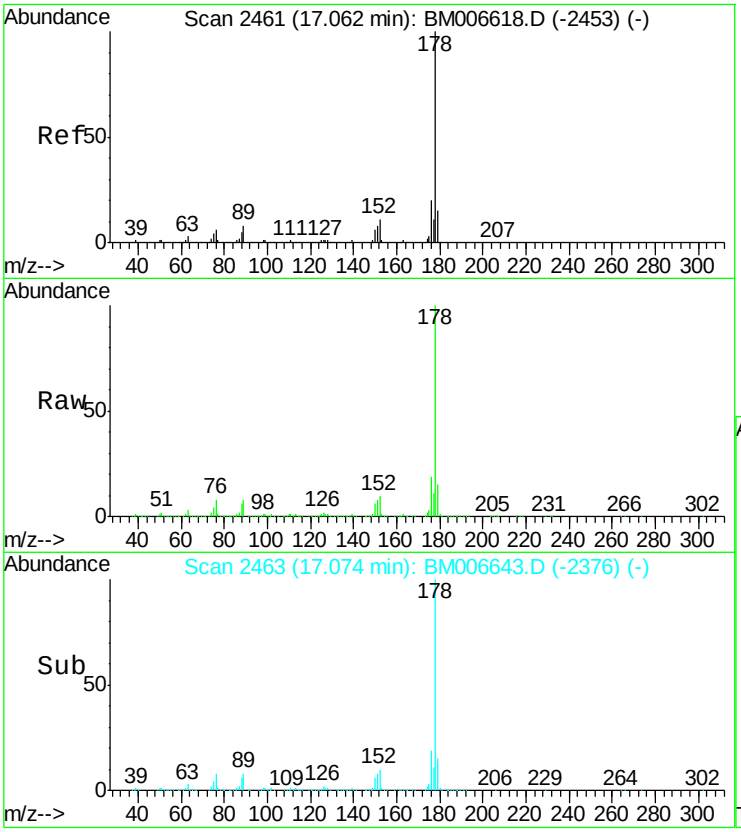


#22
Fluorene
Concen: 19.64 ng/ul
RT: 15.33 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Tgt Ion:166 Resp: 1084307

Ion	Ratio	Lower	Upper
166	100		
165	96.7	81.1	121.7
167	13.5	10.6	16.0



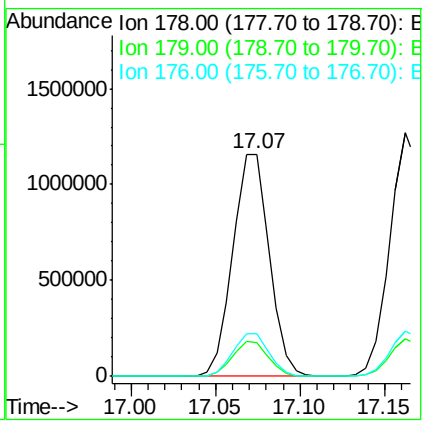


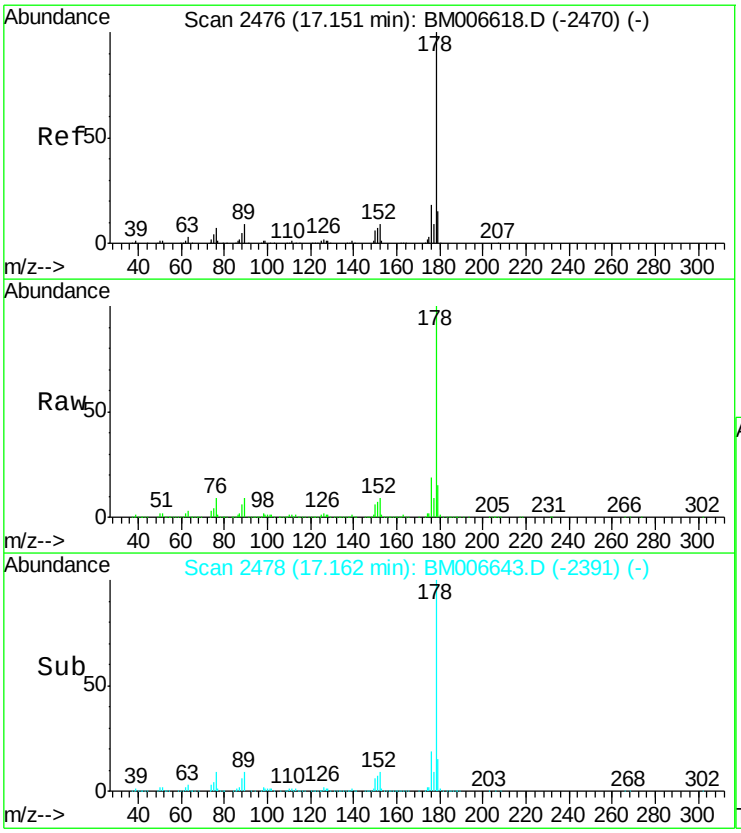
#25
Phenanthrene
Concen: 19.89 ng/ul
RT: 17.07 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:178 Resp: 1746577

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	19.1	14.8	22.2

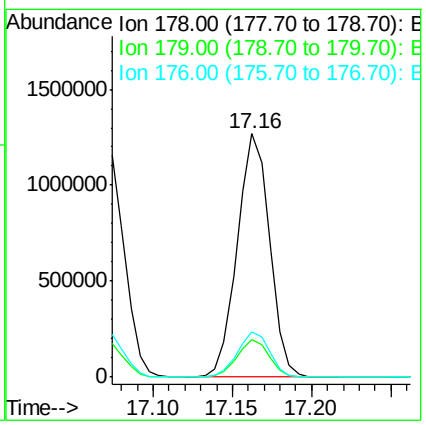


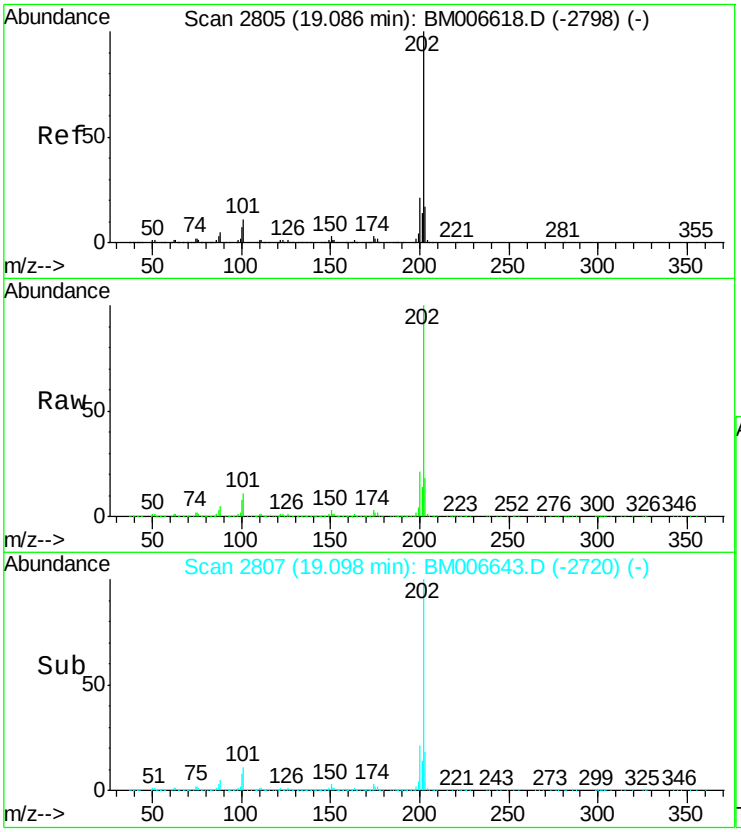


#27
Anthracene
Concen: 19.78 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Tgt Ion:178 Resp: 1787664

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.8	15.6	23.4



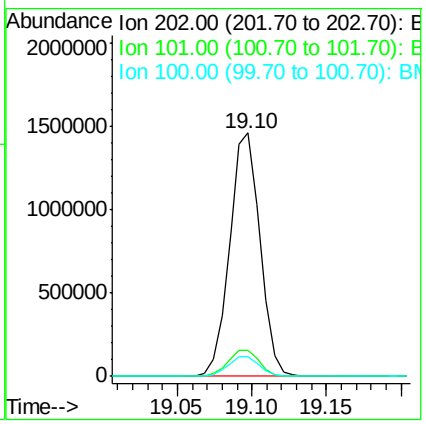


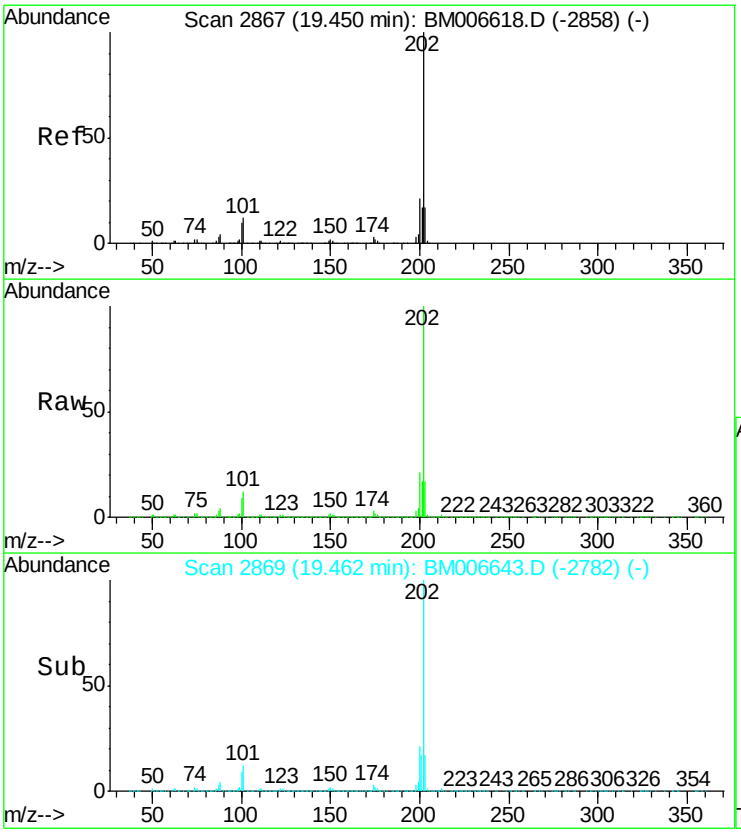
#28
Fluoranthene
Concen: 20.11 ng/ul
RT: 19.10 min Scan# 2807
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:202 Resp: 2073616

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.9	13.3
100	8.0	7.0	10.4

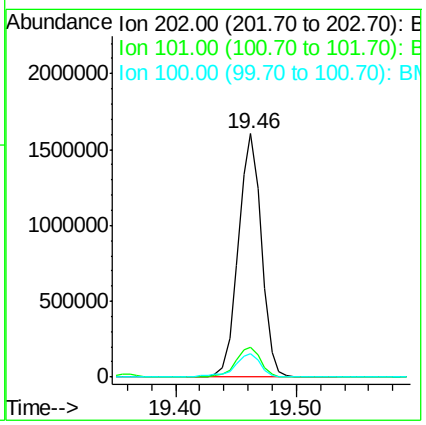


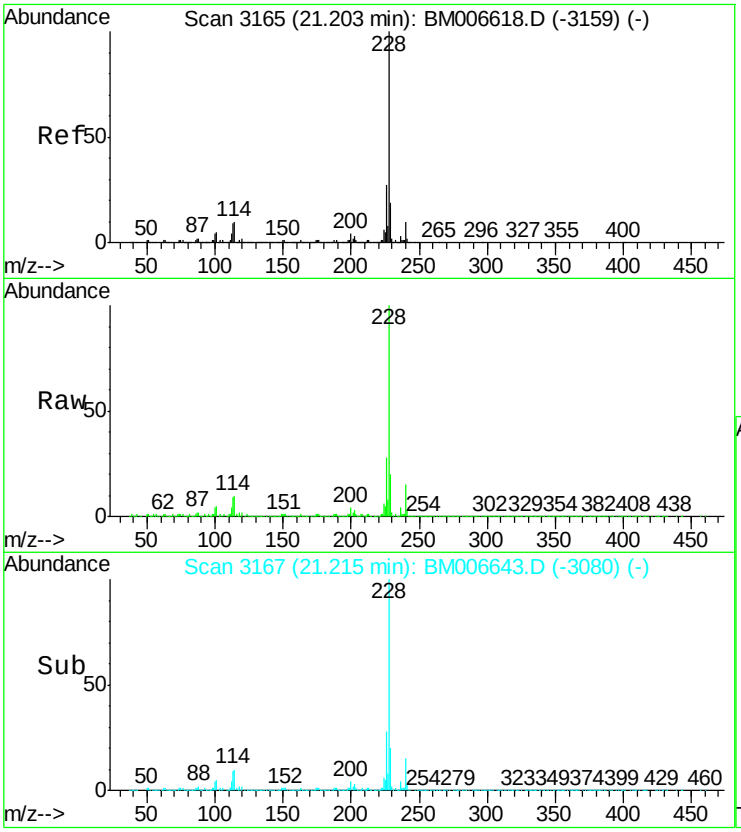


#31
Pyrene
Concen: 21.84 ng/ul
RT: 19.46 min Scan# 2869
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Tgt Ion:202 Resp: 2135207

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.4	9.3	13.9



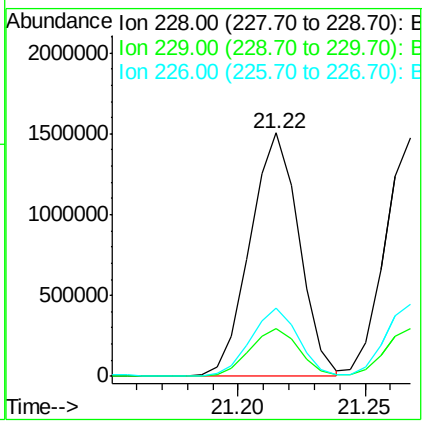


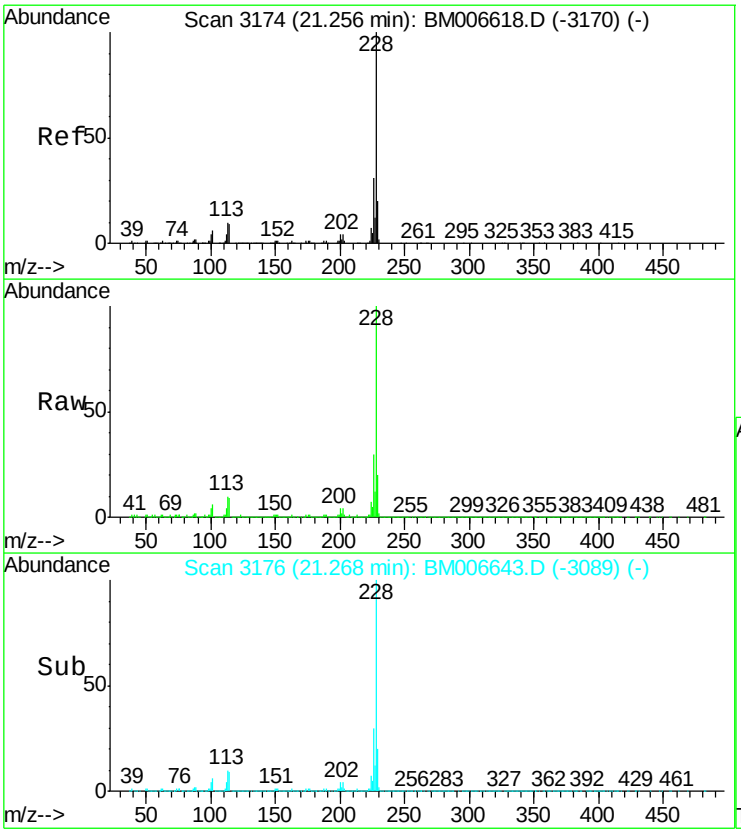
#32
Benzo(a)anthracene
Concen: 20.53 ng/ul
RT: 21.22 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:228 Resp: 2008766

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.6	25.0
226	27.8	21.0	31.4

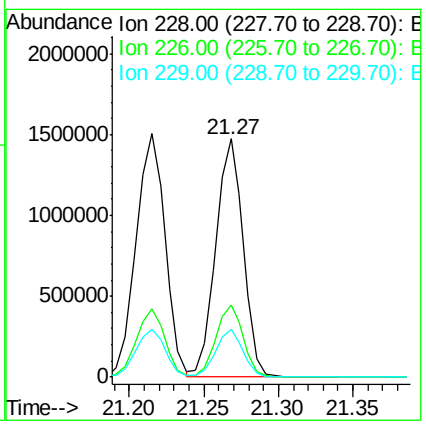


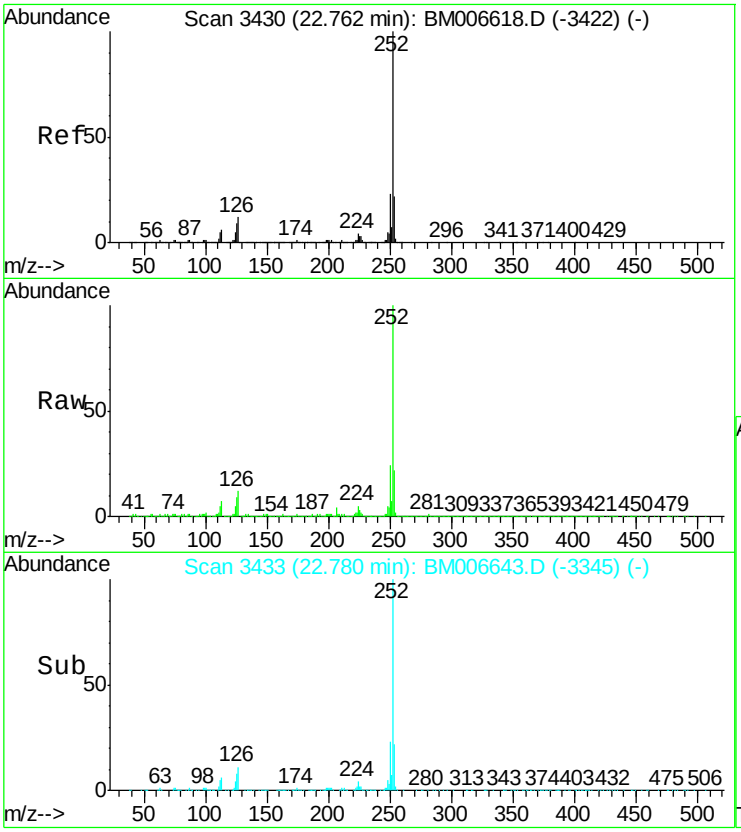


#33
Chrysene
Concen: 21.05 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Tgt Ion:228 Resp: 1898962

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	20.0	16.2	24.2



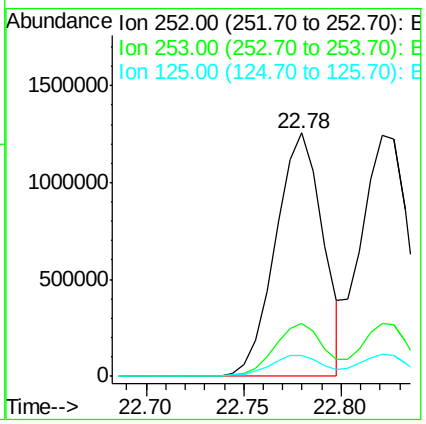


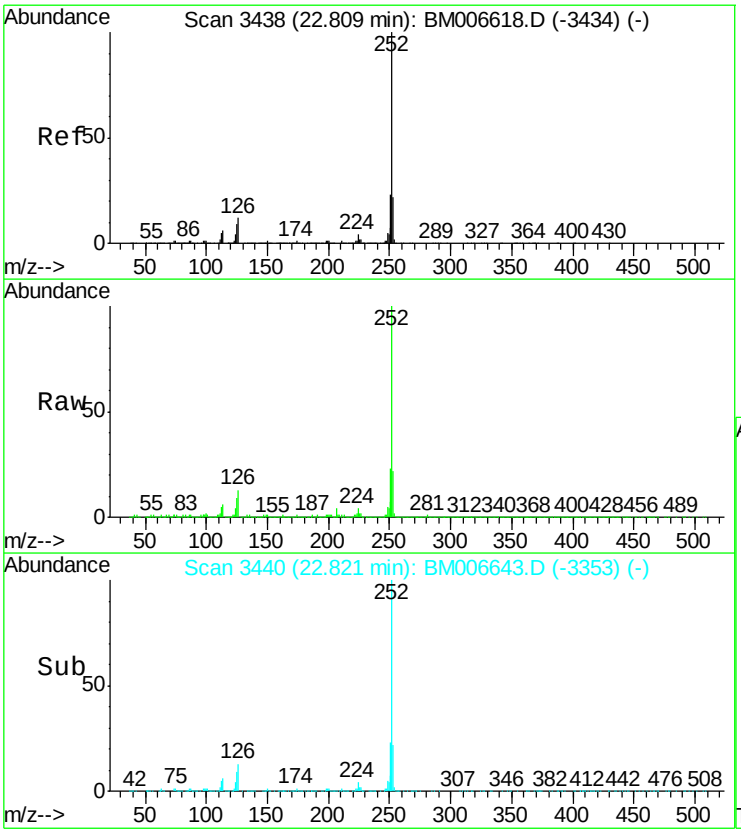
#35
Benzo(b)fluoranthene
Concen: 20.06 ng/ul
RT: 22.78 min Scan# 3433
Delta R.T. 0.02 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:252 Resp: 2114964

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	8.8	7.6	11.4

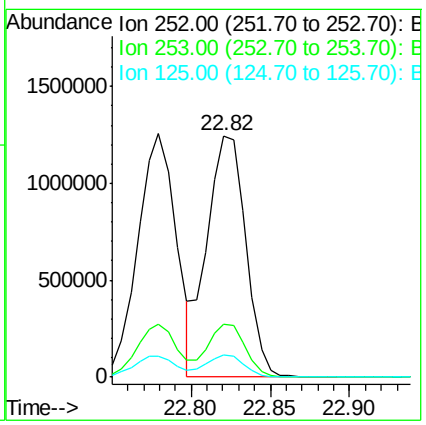


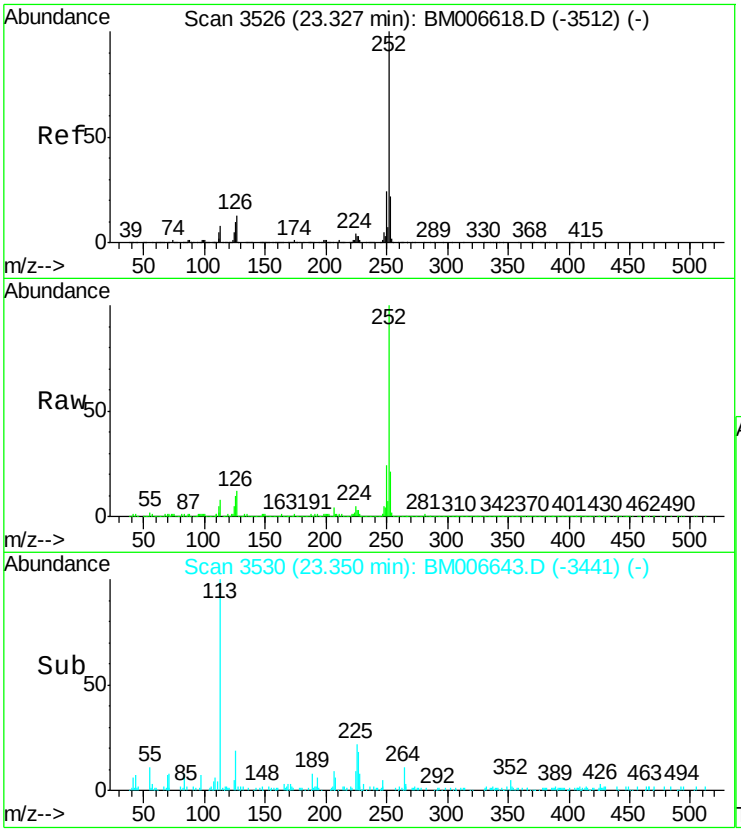


#36
Benzo(k)fluoranthene
Concen: 20.70 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Tgt Ion:252 Resp: 2110729

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	9.1	7.7	11.5



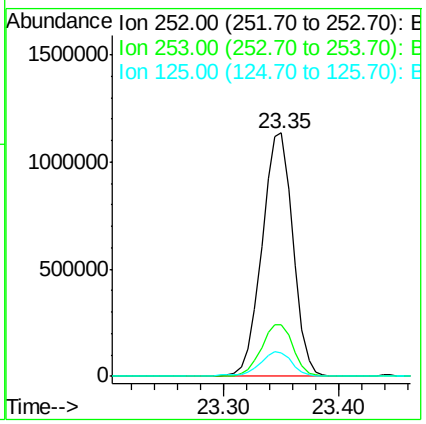


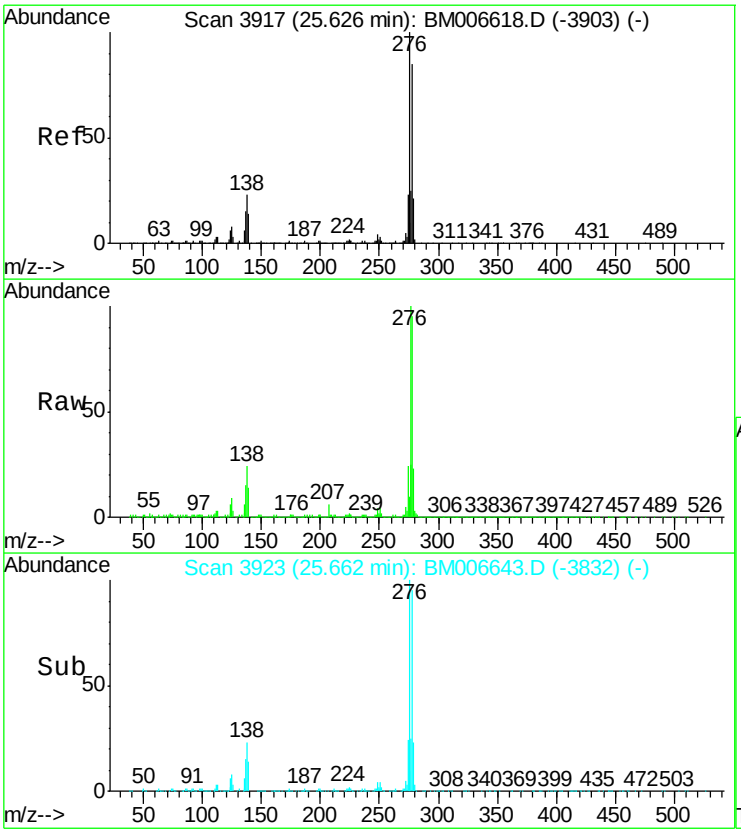
#38
Benzo(a)pyrene
Concen: 20.59 ng/ul
RT: 23.35 min Scan# 3530
Delta R.T. 0.02 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:252 Resp: 2113860

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	9.6	8.2	12.2

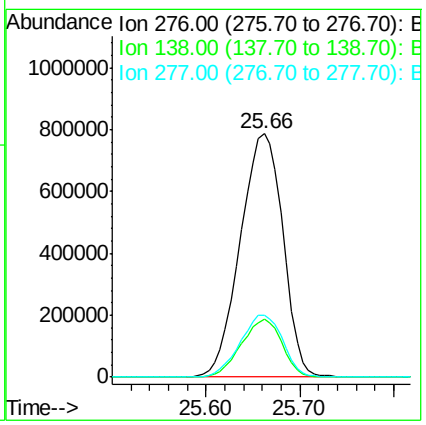


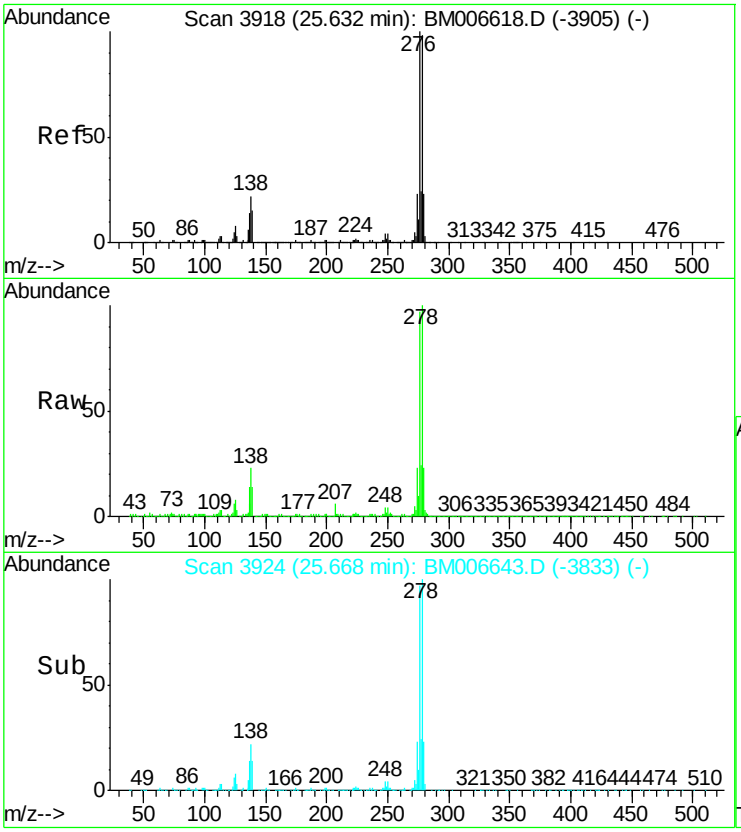


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.69 ng/ul
RT: 25.66 min Scan# 3923
Delta R.T. 0.04 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Tgt Ion:276 Resp: 2459198

Ion	Ratio	Lower	Upper
276	100		
138	23.6	15.8	23.6
277	25.3	19.0	28.6



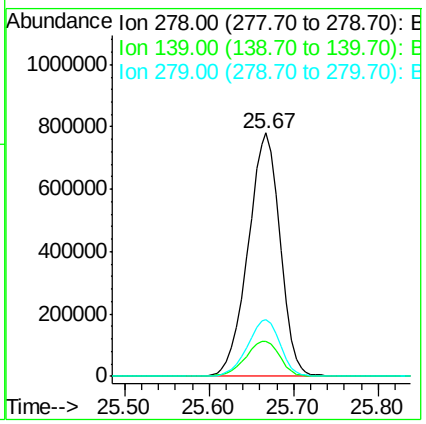


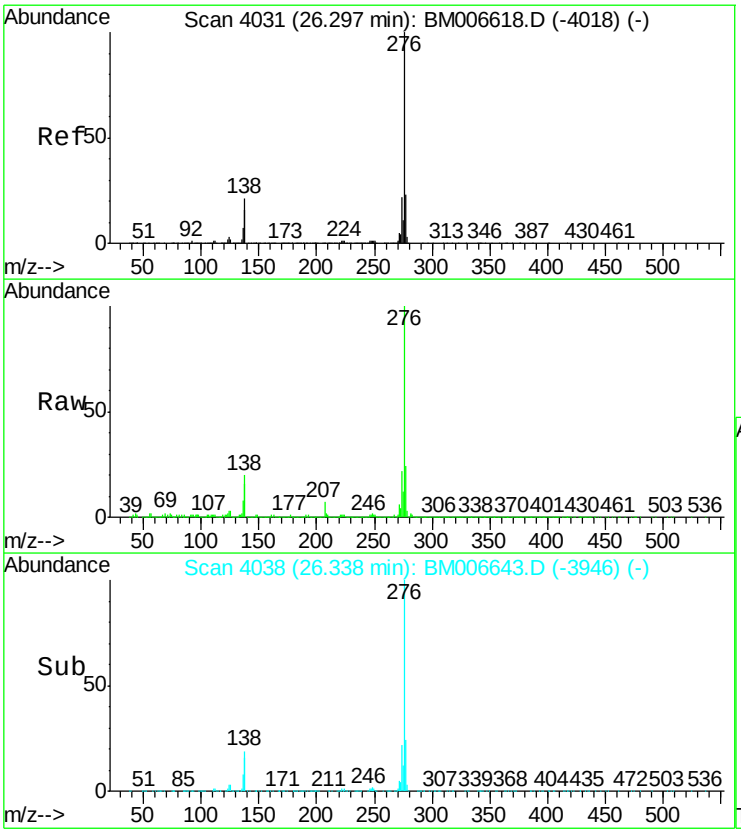
#40
Dibenzo(a,h)anthracene
Concen: 20.83 ng/ul
RT: 25.67 min Scan# 3924
Delta R.T. 0.04 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Tgt Ion:278 Resp: 2051990

Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.1	18.1
279	23.4	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 21.25 ng/ul
RT: 26.34 min Scan# 4038
Delta R.T. 0.04 min
Lab File: BM006643.D
Acq: 23 Jul 2016 02:46

Tgt Ion:276 Resp: 2165077

Ion	Ratio	Lower	Upper
276	100		
138	19.5	13.9	20.9
277	23.8	19.8	29.6