Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006048.D
Acq On : 26 Jun 2016 20:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: Jun 27 05:17:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	303981	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1455523	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	910730	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	2178153	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	2208052	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1971101	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	53062	7.80	ng/uL	0.00
3) Phenol-d5	6.83	99	587408	18.37	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	346998	19.50	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	439653	19.74	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	482542	17.88	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	227326	20.51	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	254936	20.68	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	479296	20.26	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	589243	22.96	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1487304	19.08	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1860304	20.57	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	295583	17.77	ng/ul	0.01
21) Fluorene-d10	15.30	176	1297588	19.49	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	232682	19.24	ng/ul	0.00
26) Anthracene-d10	17.16	188	2040771	20.40	ng/ul	0.00
30) Pyrene-d10	19.45	212	2284928	23.62	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1858169	20.88	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.49	128	1482860	20.39	ng/ul	99
13) 2-Methylnaphthalene	12.10	142	1143244	19.54	ng/ul	99
14) 1-Methylnaphthalene	12.33	142	1084934	19.37	ng/ul	100
18) Acenaphthylene	14.03	152	1959009	20.55	ng/ul	100
19) Acenaphthene	14.37	153	1238679	20.45	ng/ul	100
22) Fluorene	15.36	166	1389487	19.05	ng/ul	99
25) Phenanthrene	17.10	178	2398793	20.47	ng/ul	100
27) Anthracene	17.19	178	2461867	20.35	ng/ul	99
28) Fluoranthene	19.12	202	2909991	19.39	ng/ul	99
31) Pyrene	19.49	202	2966697	23.47	ng/ul	98
32) Benzo(a)anthracene	21.23	228	2718794	20.73	ng/ul	99
33) Chrysene	21.29	228	2485277	20.74	ng/ul	99
35) Benzo(b)fluoranthene	22.80	252	2515256	21.96	ng/ul	98
36) Benzo(k)fluoranthene	22.84	252	2421895	22.73	ng/ul	100
38) Benzo(a)pyrene	23.37	252	2295031	20.90	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.69	276	2248981	17.18	ng/ul	99
40) Dibenzo(a,h)anthracene	25.70	278	1897513	17.43	ng/ul	99
41) Benzo(g,h,i)perylene	26.36	276	1892104	16.71	ng/ul	100

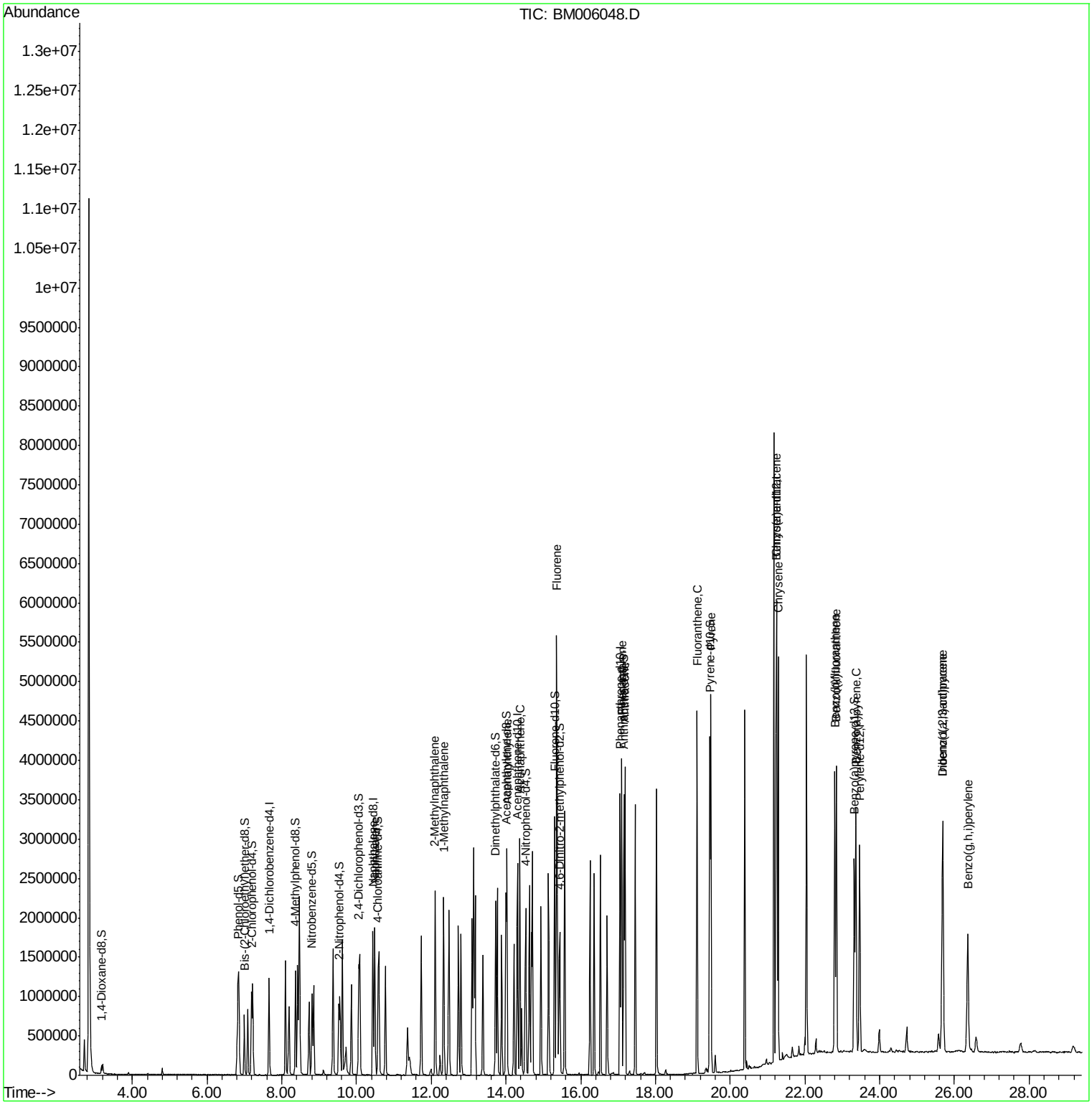
(#) = qualifier out of range (m) = manual integration (+) = signals summed

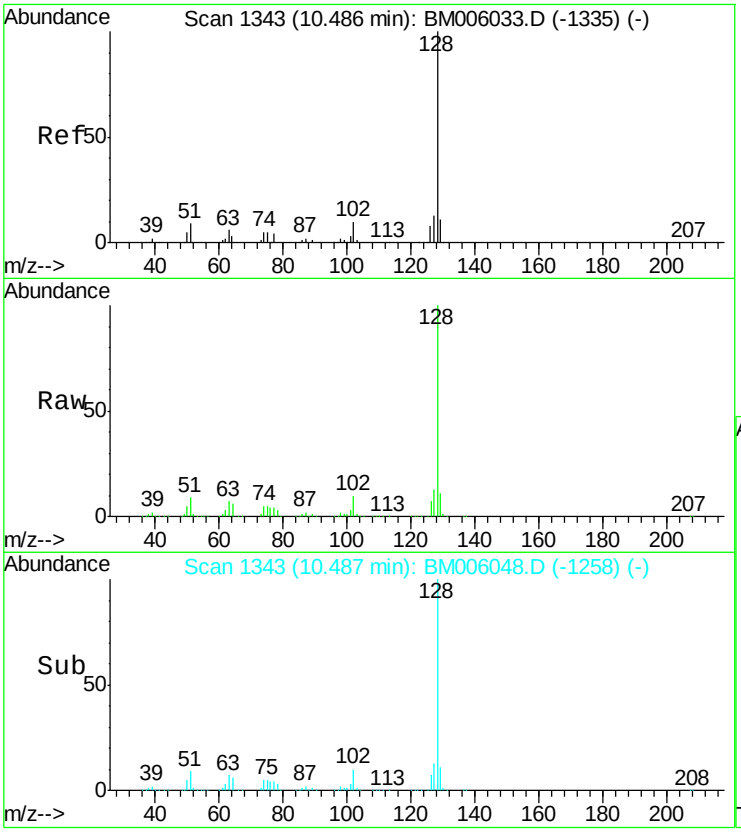
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006048.D
Acq On : 26 Jun 2016 20:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: Jun 27 05:17:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration



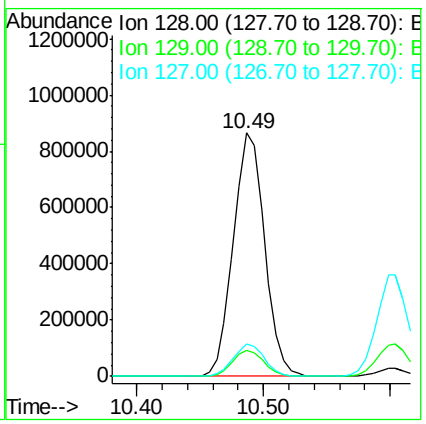


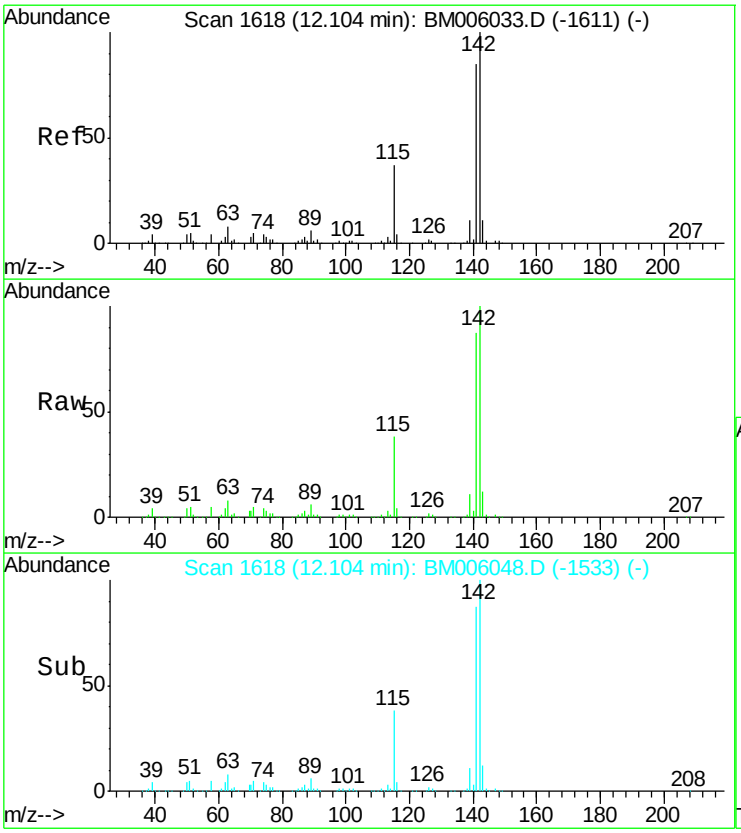
#11
Naphthalene
Concen: 20.39 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Tgt Ion:128 Resp: 1482860

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.2	15.4

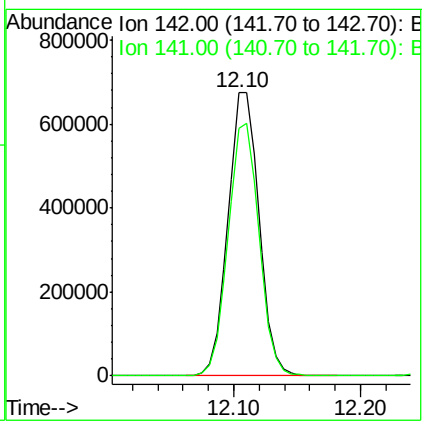


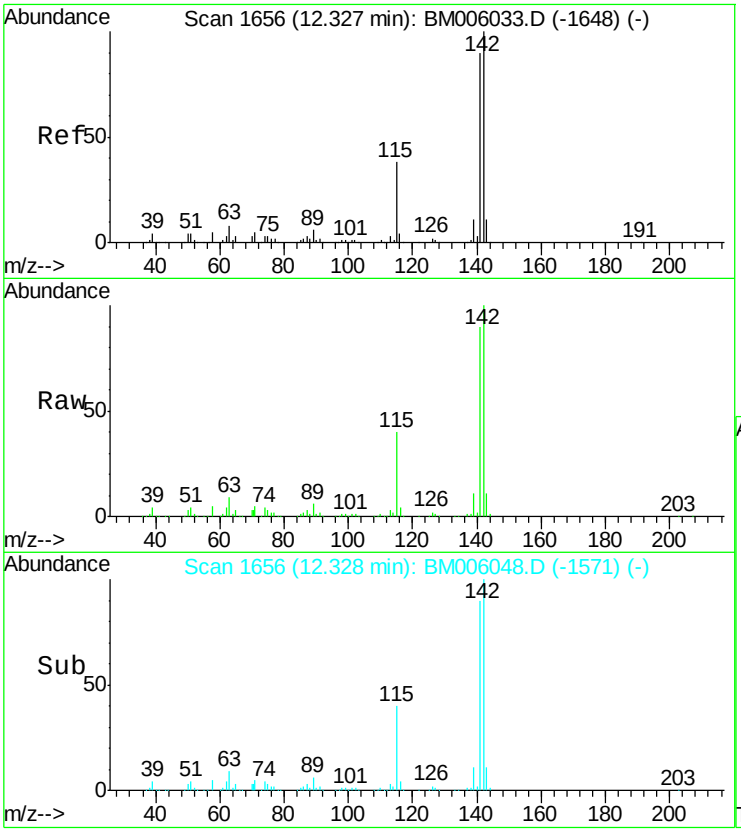


#13
2-Methylnaphthalene
Concen: 19.54 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Tgt Ion:142 Resp: 1143244

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.4	104.2



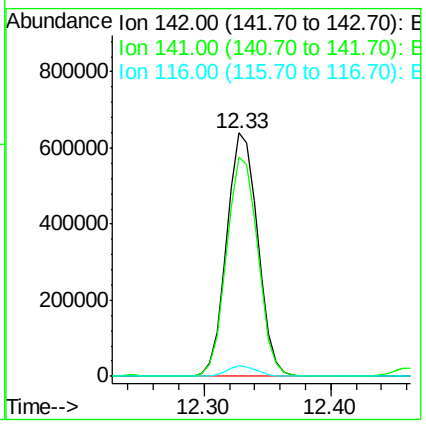


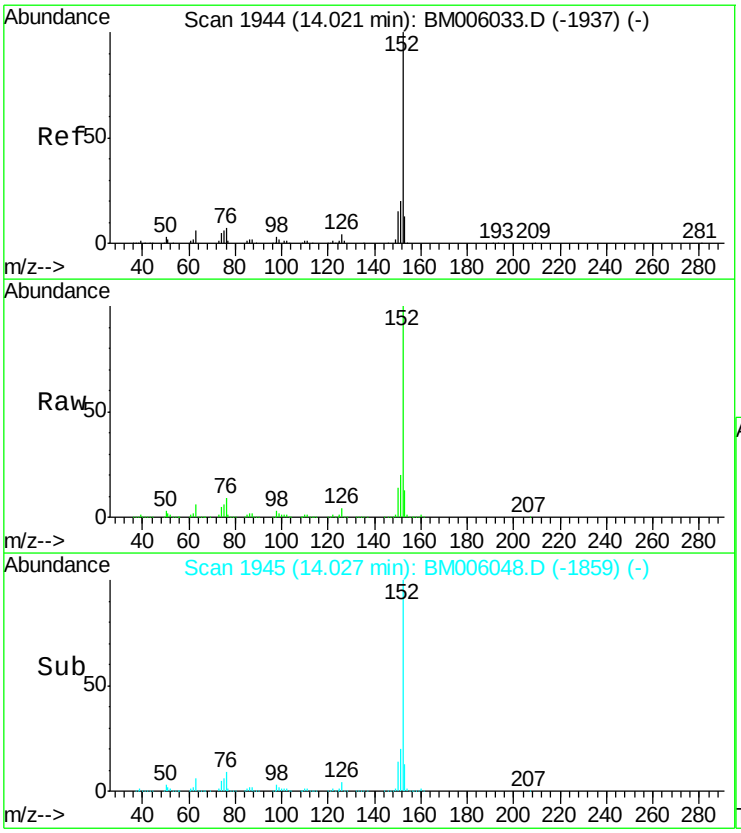
#14
1-Methylnaphthalene
Concen: 19.37 ng/ul
RT: 12.33 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Tgt Ion:142 Resp: 1084934

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.3	108.5
116	4.3	3.4	5.0

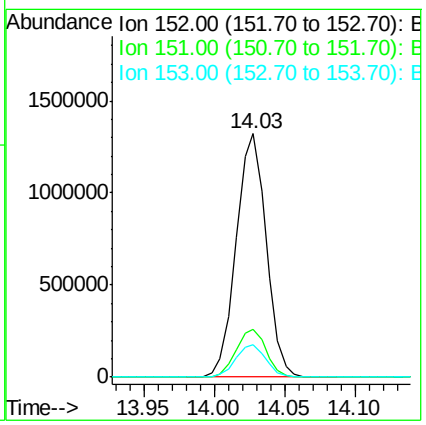


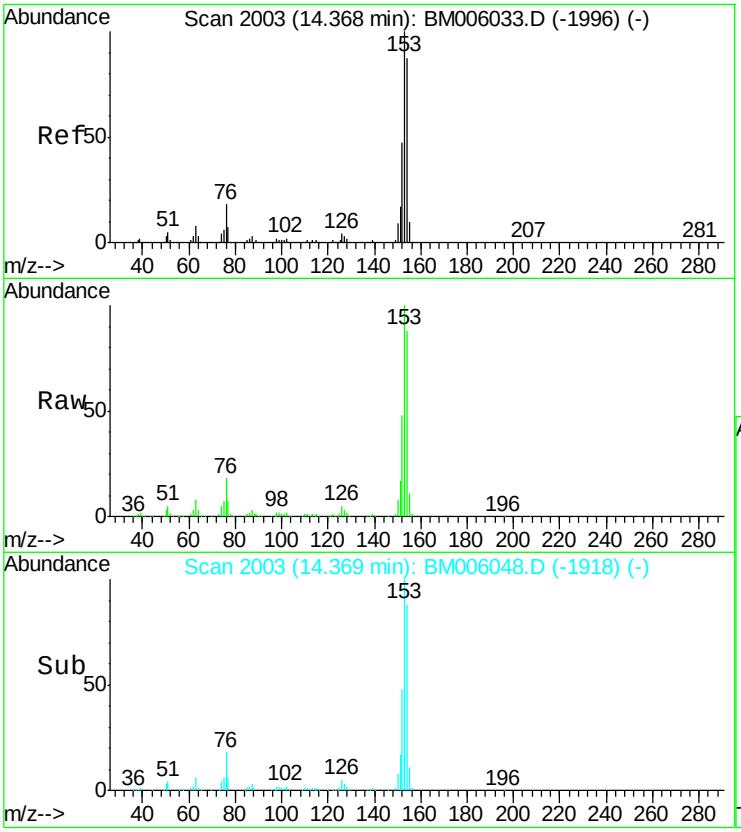


#18
Acenaphthylene
Concen: 20.55 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Tgt Ion:152 Resp: 1959009

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.1	10.5	15.7



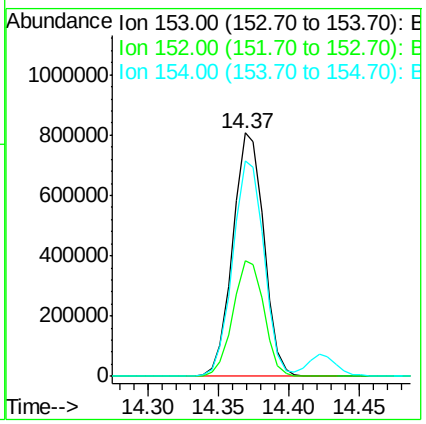


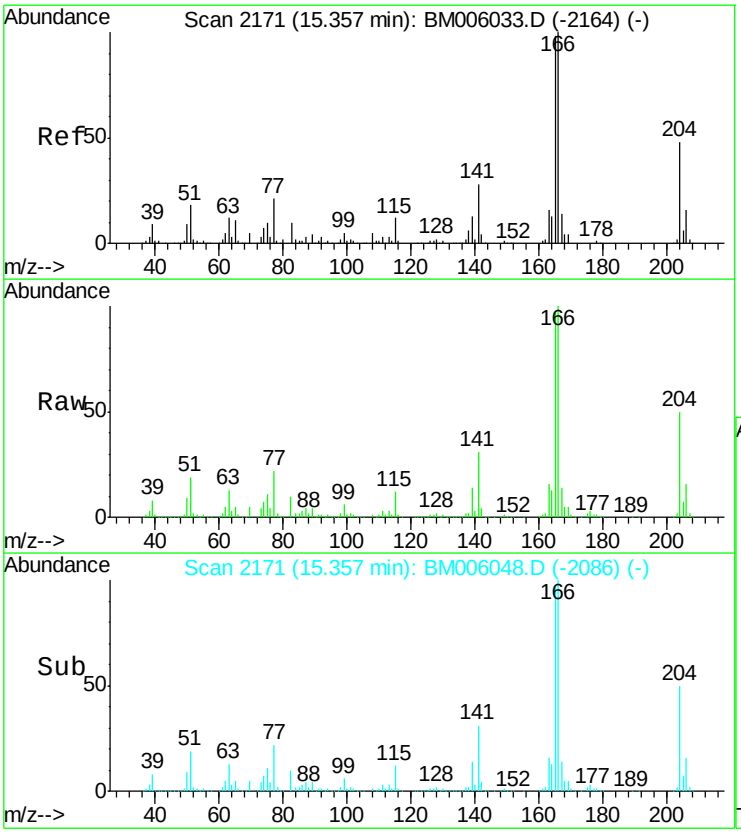
#19
Acenaphthene
Concen: 20.45 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Tgt Ion:153 Resp: 1238679

Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.6	57.8
154	88.3	70.7	106.1

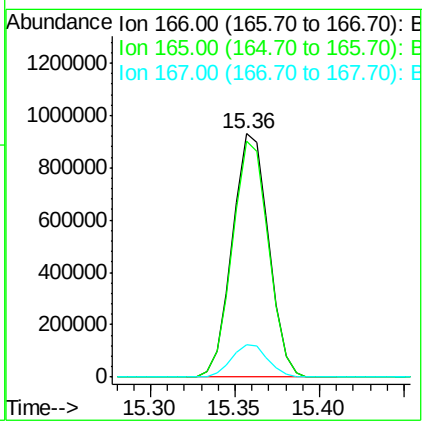


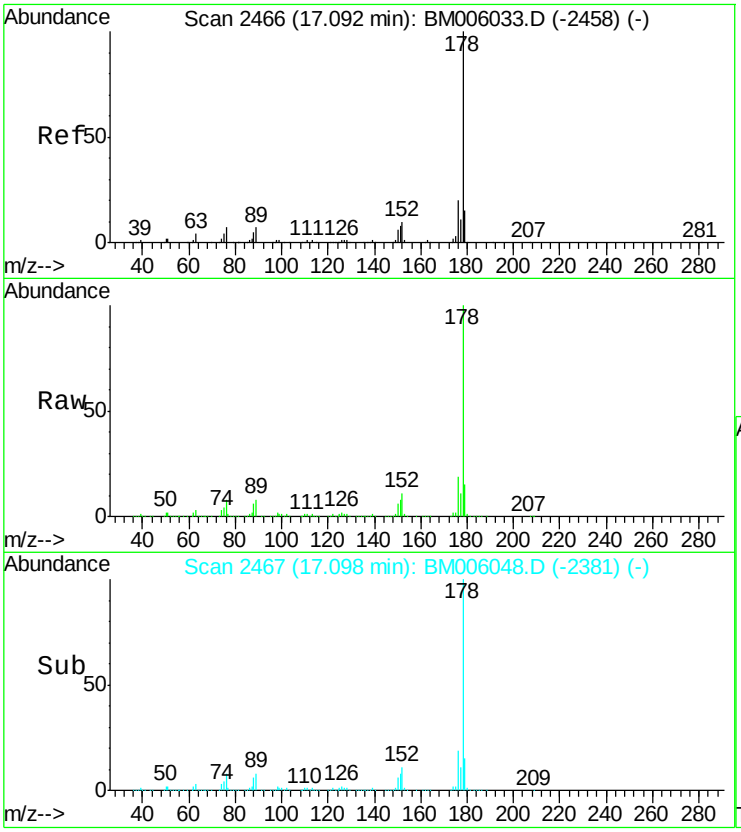


#22
Fluorene
Concen: 19.05 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Tgt Ion:166 Resp: 1389487

Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.8	115.2
167	13.5	10.8	16.2



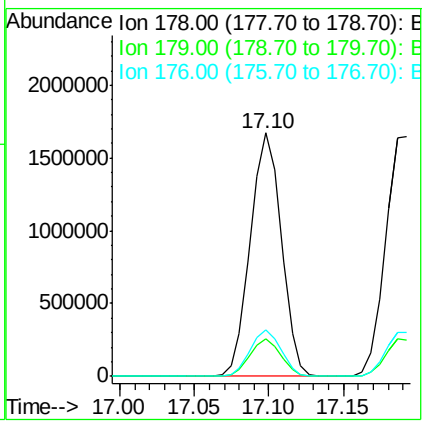


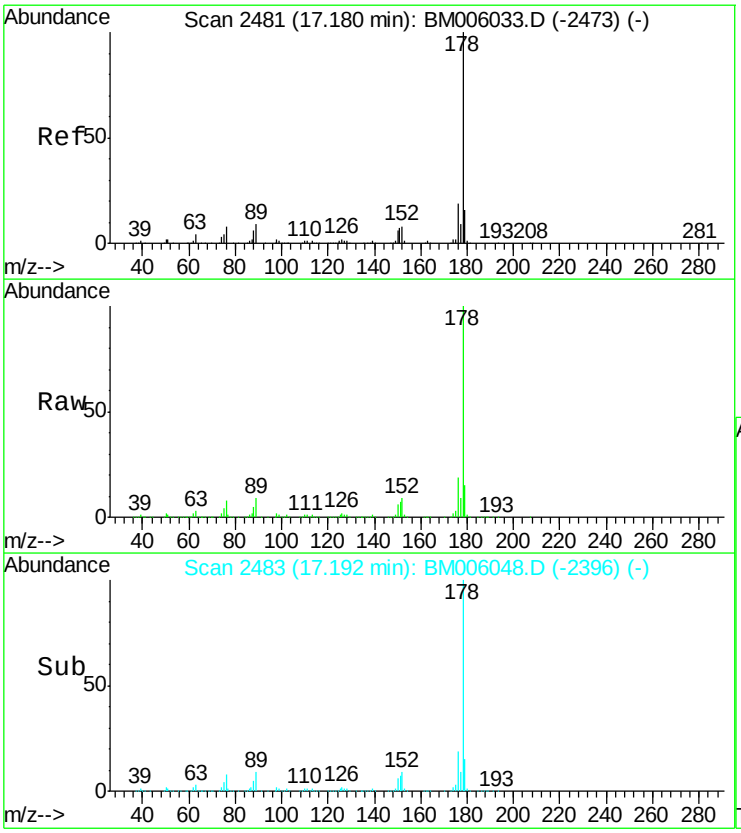
#25
Phenanthrene
Concen: 20.47 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Tgt Ion:178 Resp: 2398793

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.2	15.4	23.0

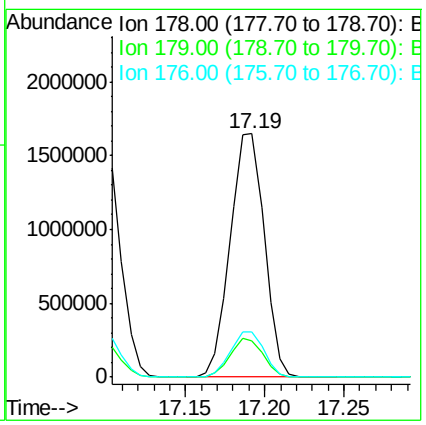


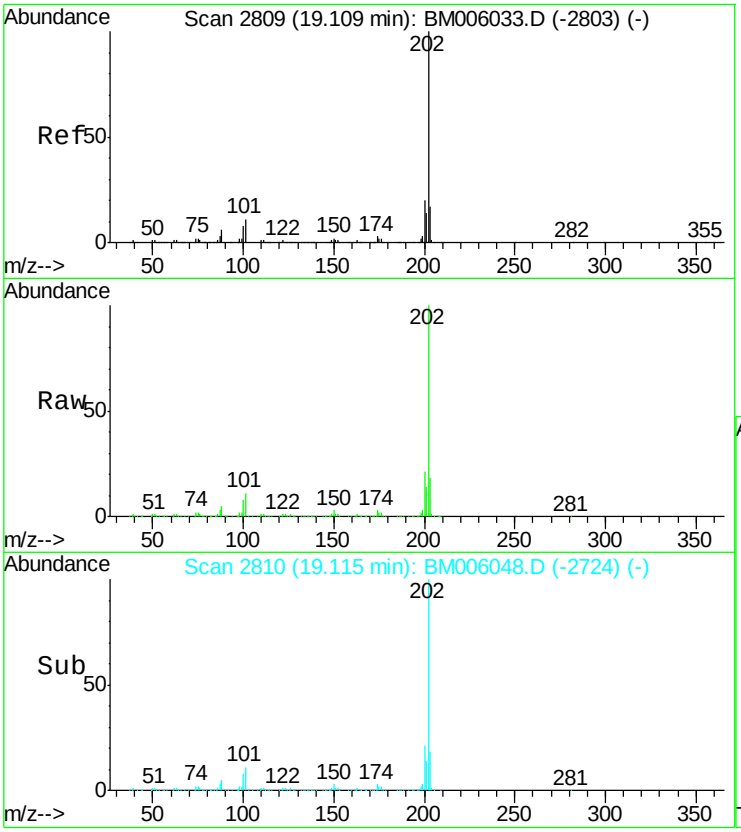


#27
Anthracene
Concen: 20.35 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Tgt Ion:178 Resp: 2461867

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	18.5	14.9	22.3



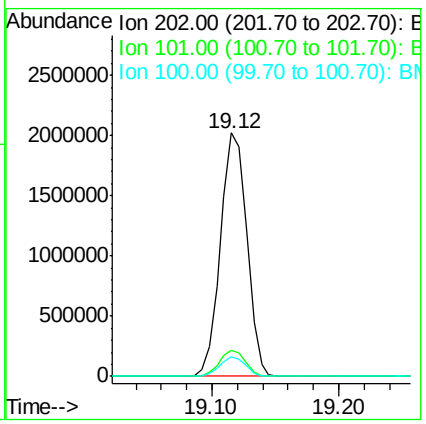


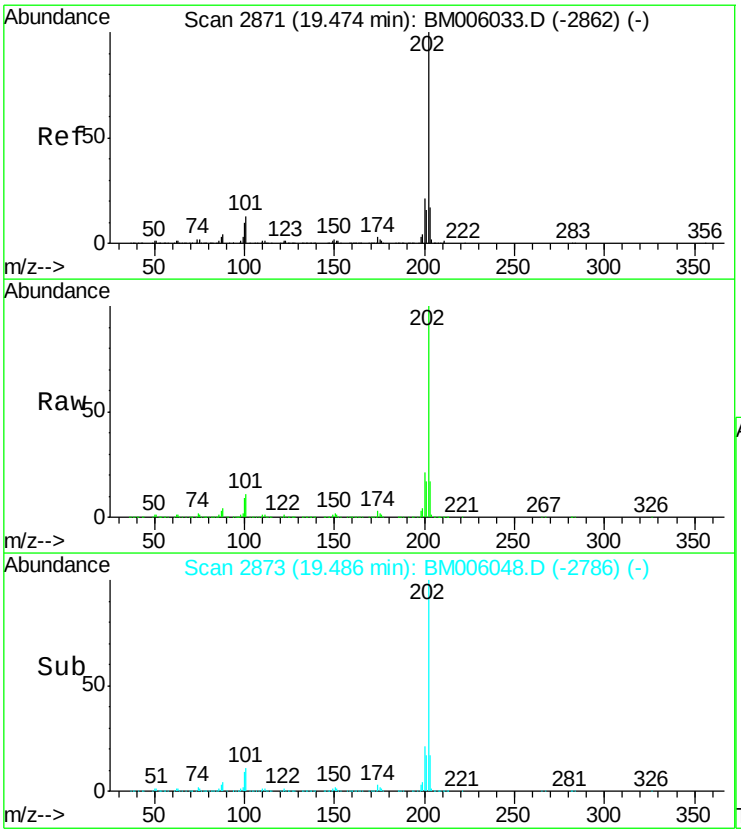
#28
Fluoranthene
Concen: 19.39 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Tgt Ion:202 Resp: 2909991

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.2	12.4
100	8.1	6.3	9.5

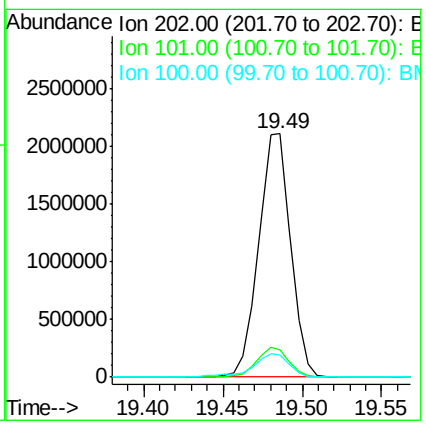


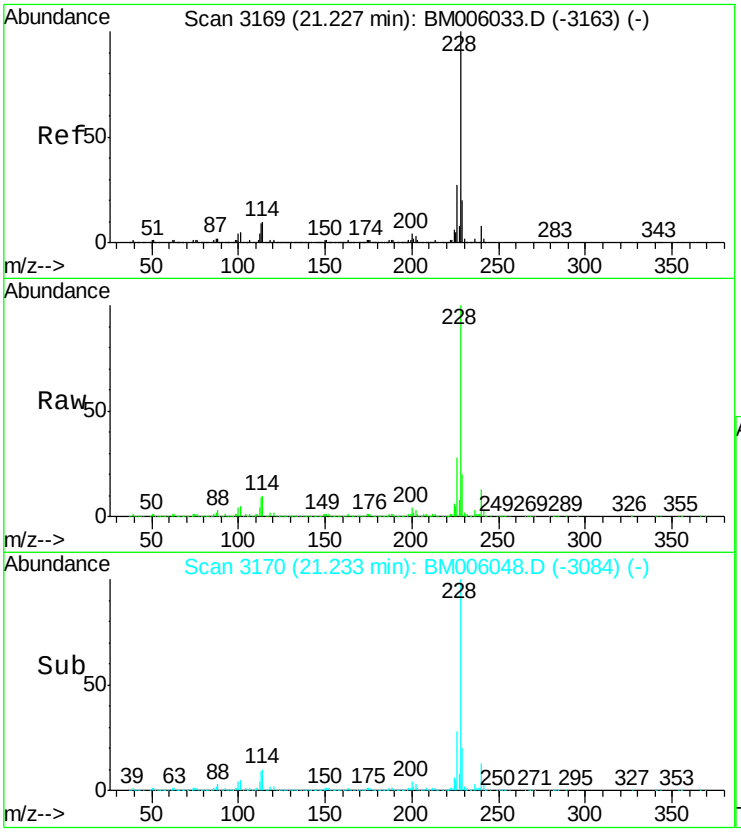


#31
Pyrene
Concen: 23.47 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Tgt Ion:202 Resp: 2966697

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
100	9.1	8.2	12.2



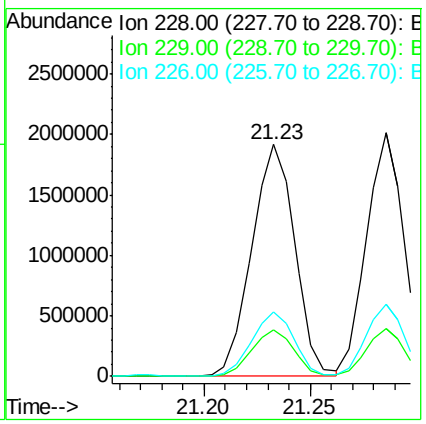


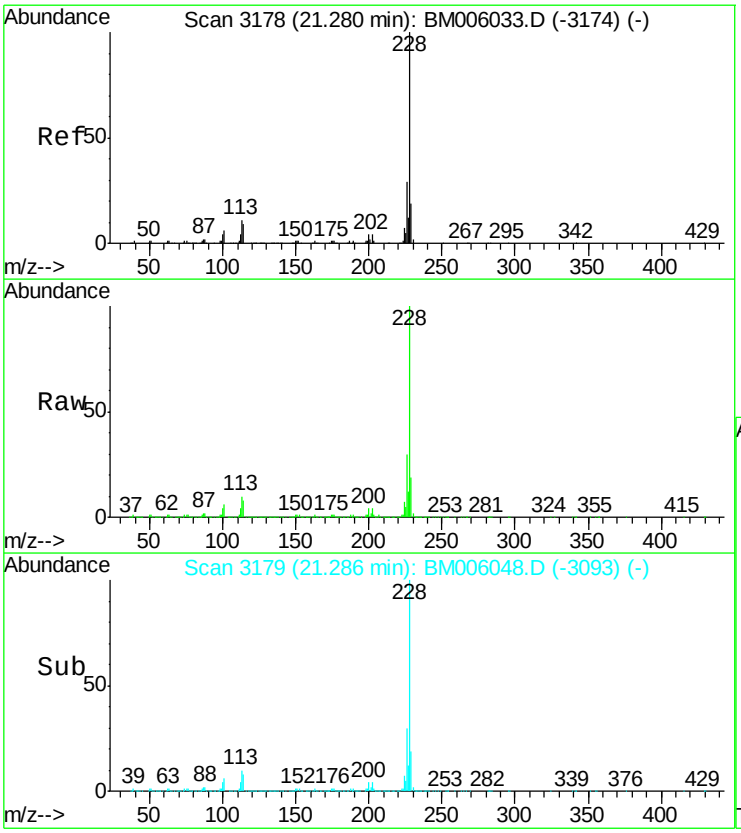
#32
Benzo(a)anthracene
Concen: 20.73 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Tgt Ion:228 Resp: 2718794

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	27.7	21.5	32.3

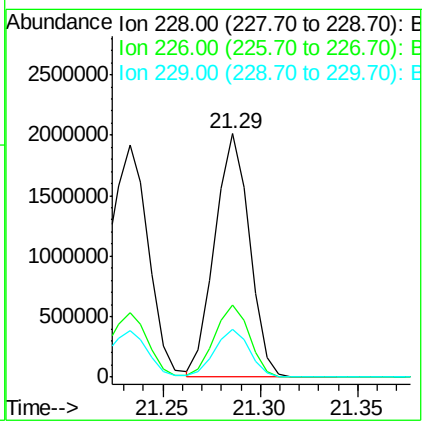


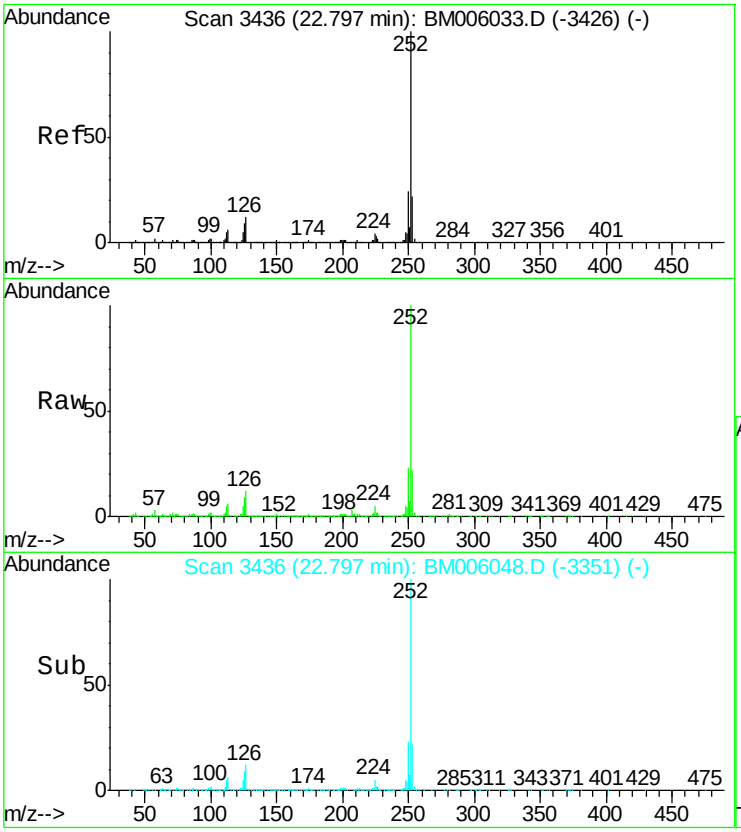


#33
Chrysene
Concen: 20.74 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Tgt Ion:228 Resp: 2485277

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.5	15.4	23.2



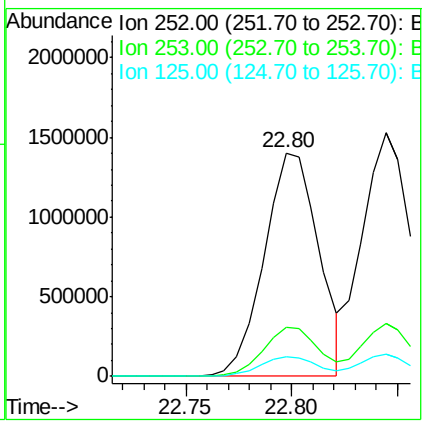


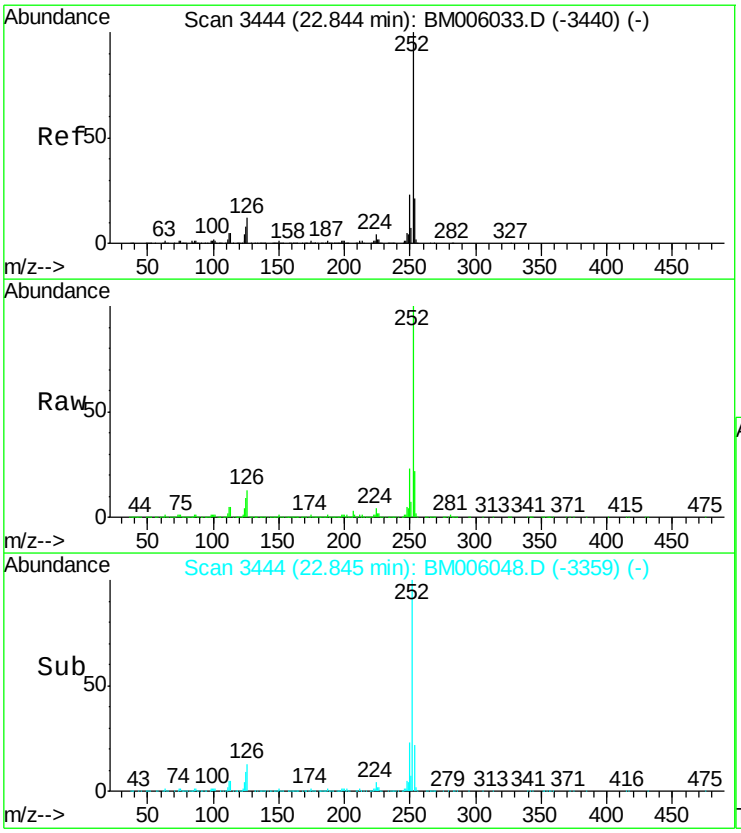
#35
Benzo(b)fluoranthene
Concen: 21.96 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Tgt Ion:252 Resp: 2515256

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.0	6.8	10.2

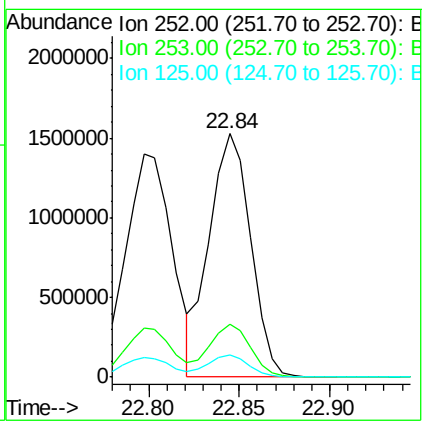


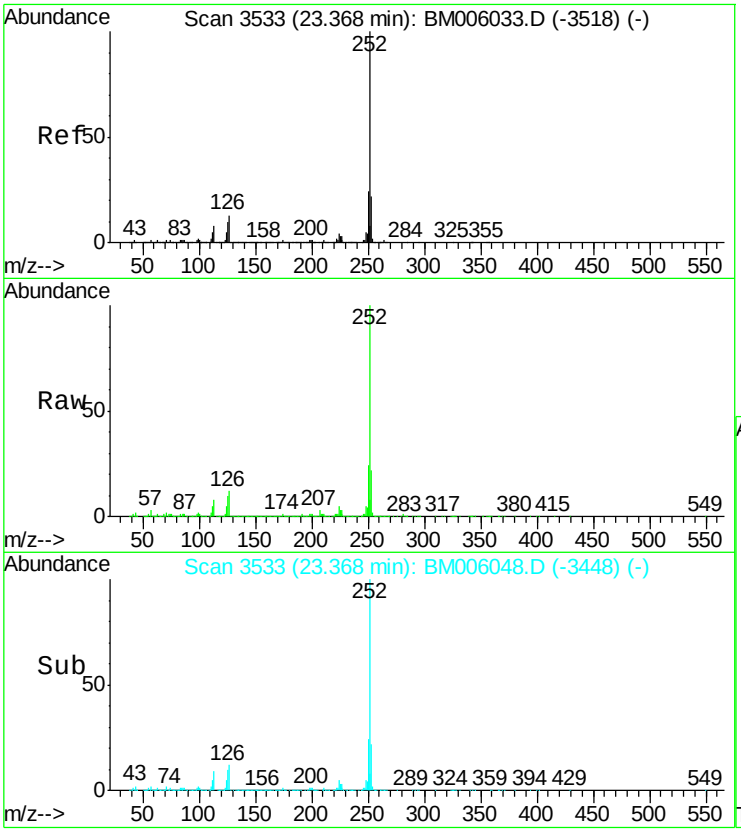


#36
Benzo(k)fluoranthene
Concen: 22.73 ng/ul
RT: 22.84 min Scan# 3444
Delta R.T. 0.00 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Tgt Ion:252 Resp: 2421895

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.0	7.0	10.4



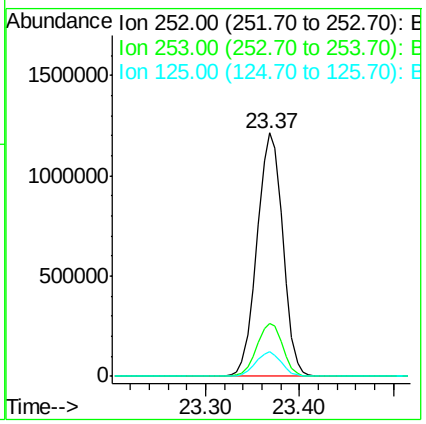


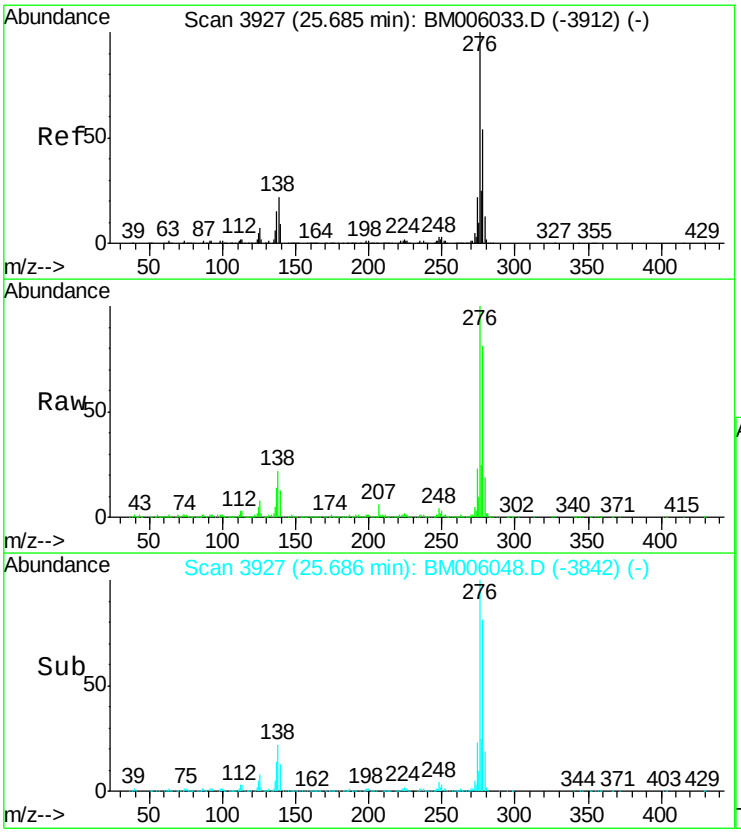
#38
Benzo(a)pyrene
Concen: 20.90 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Tgt Ion:252 Resp: 2295031

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.1	7.8	11.6

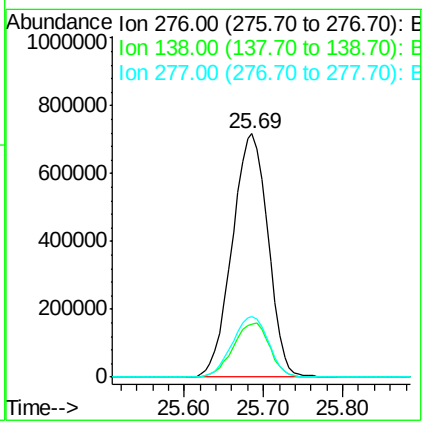


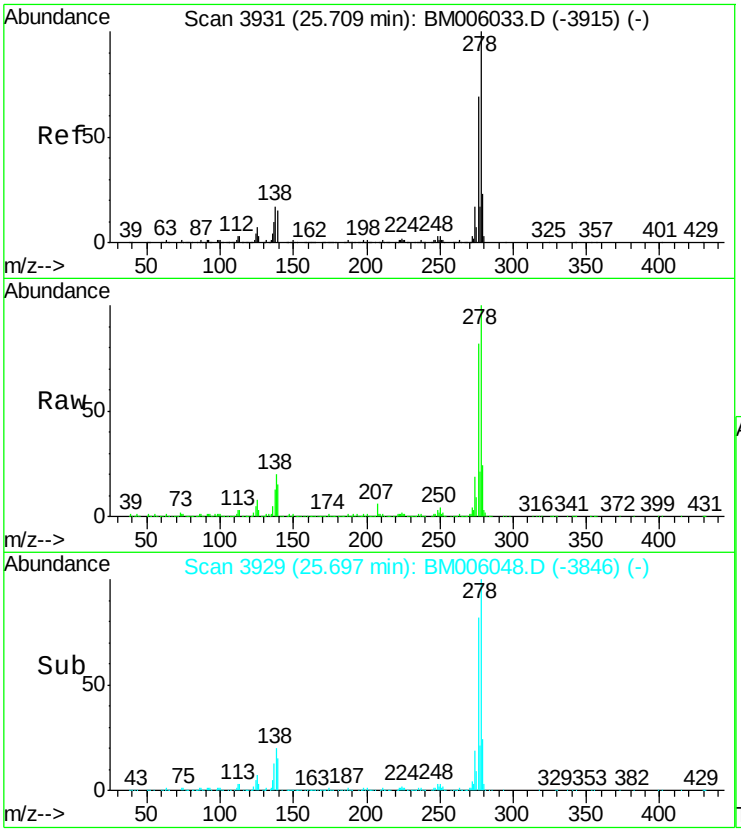


#39
Indeno(1,2,3-cd)pyrene
Concen: 17.18 ng/ul
RT: 25.69 min Scan# 3927
Delta R.T. 0.00 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Tgt Ion:276 Resp: 2248981

Ion	Ratio	Lower	Upper
276	100		
138	21.7	16.6	25.0
277	24.9	19.6	29.4



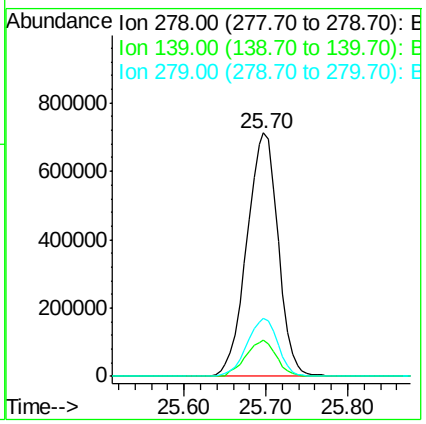


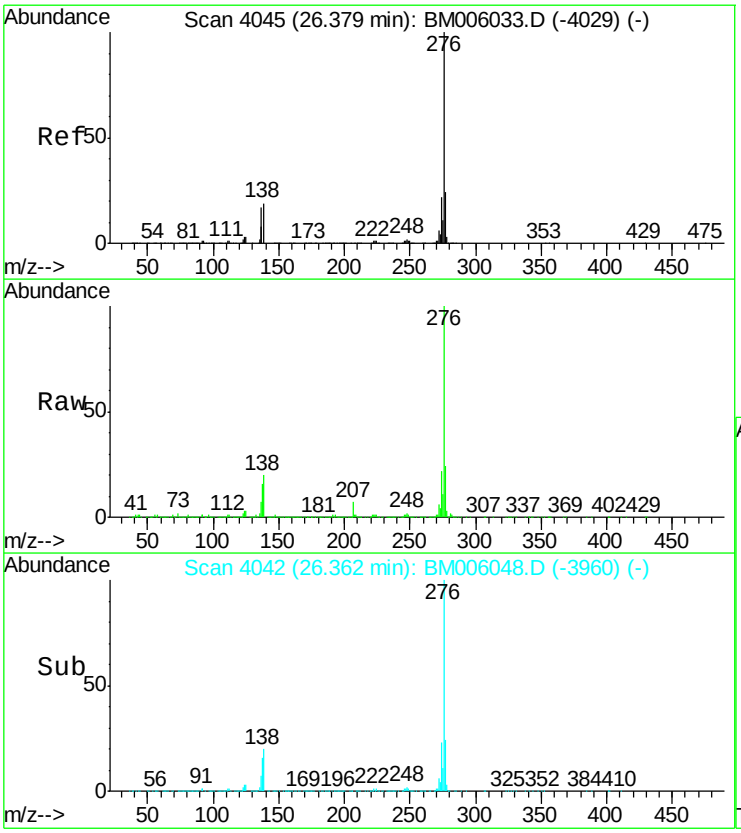
#40
Dibenzo(a,h)anthracene
Concen: 17.43 ng/ul
RT: 25.70 min Scan# 3929
Delta R.T. -0.01 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Tgt Ion:278 Resp: 1897513

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.4	17.2
279	24.0	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 16.71 ng/ul
RT: 26.36 min Scan# 4042
Delta R.T. -0.02 min
Lab File: BM006048.D
Acq: 26 Jun 2016 20:23

Tgt Ion:276 Resp: 1892104

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.9	23.9
277	24.0	19.2	28.8