Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006144.D
Acq On : 30 Jun 2016 02:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02052

Quant Time: Jun 30 03:32:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	262032	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1247666	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	764354	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1773338	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1663120	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1376112	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	33707	5.98	ng/uL	0.00
3) Phenol-d5	6.82	99	354327	16.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	213136	16.89	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	265513	16.16	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	287898	16.71	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	138139	16.44	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	152484	15.85	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	284320	16.20	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	223967	16.15	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	851952	15.55	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1079225	16.23	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	164479	15.82	ng/ul	0.00
21) Fluorene-d10	15.30	176	755979	16.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	140965	22.44	ng/ul	0.00
26) Anthracene-d10	17.15	188	1169966	16.45	ng/ul	0.00
30) Pyrene-d10	19.45	212	1273592	19.02	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	872472	15.93	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.48	128	887387	16.25	ng/ul	100
13) 2-Methylnaphthalene	12.10	142	678775	16.35	ng/ul	100
14) 1-Methylnaphthalene	12.32	142	638245	16.18	ng/ul	98
18) Acenaphthylene	14.02	152	1143703	16.43	ng/ul	100
19) Acenaphthene	14.36	153	715996	16.12	ng/ul	99
22) Fluorene	15.35	166	824737	16.32	ng/ul	98
25) Phenanthrene	17.09	178	1367162	16.29	ng/ul	100
27) Anthracene	17.19	178	1429282	16.57	ng/ul	99
28) Fluoranthene	19.12	202	1627984	15.84	ng/ul	99
31) Pyrene	19.48	202	1662161	18.95	ng/ul	96
32) Benzo(a)anthracene	21.23	228	1410049	16.31	ng/ul	99
33) Chrysene	21.29	228	1298727	16.31	ng/ul	99
35) Benzo(b)fluoranthene	22.80	252	1164871	16.31	ng/ul	99
36) Benzo(k)fluoranthene	22.84	252	1141322	17.04	ng/ul	98
38) Benzo(a)pyrene	23.36	252	1083593	16.06	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.67	276	1217457	17.36	ng/ul	96
40) Dibenzo(a,h)anthracene	25.69	278	1015964	17.51	ng/ul	96
41) Benzo(g,h,i)perylene	26.36	276	1058051	18.02	ng/ul	98

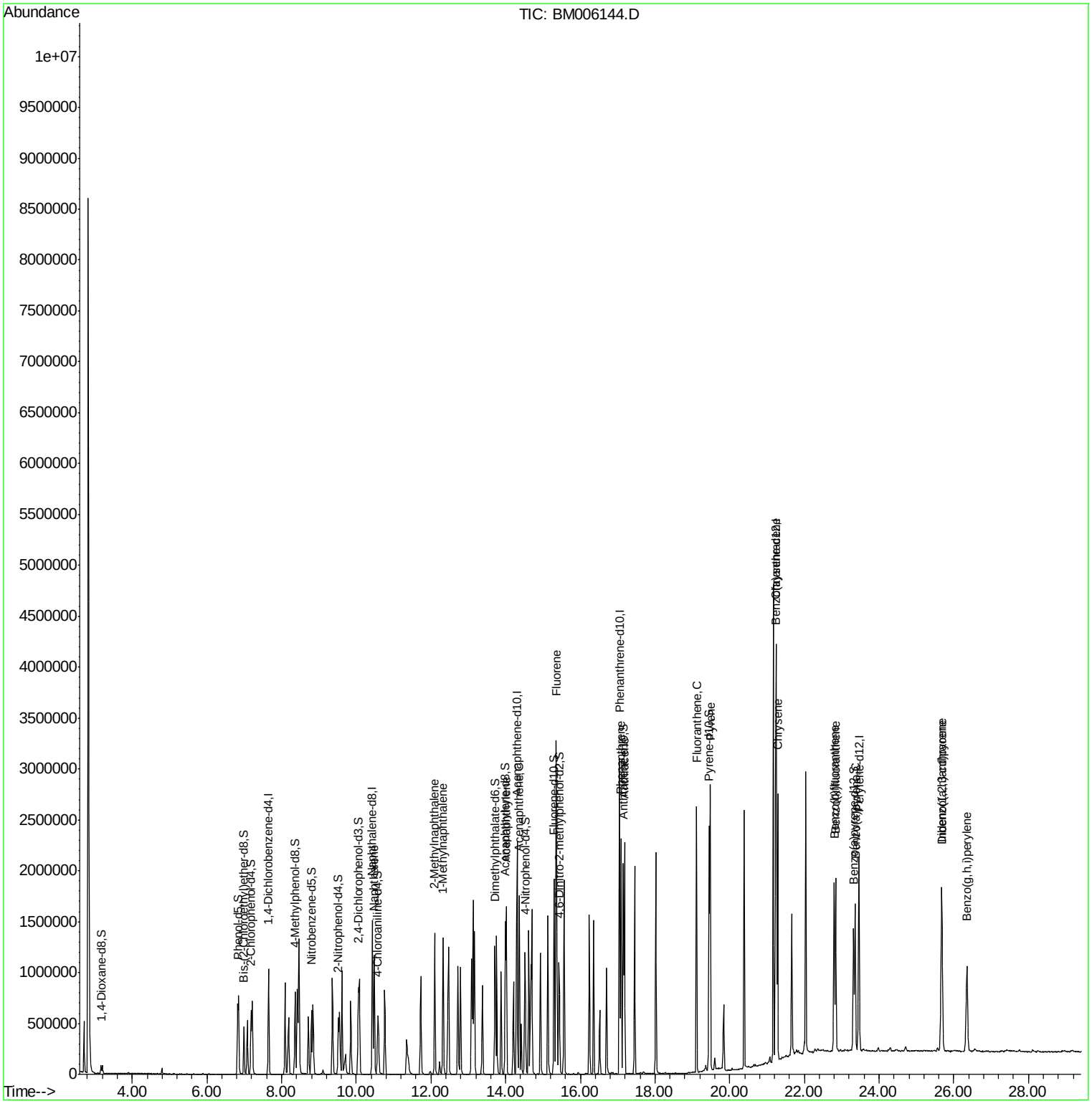
(#) = qualifier out of range (m) = manual integration (+) = signals summed

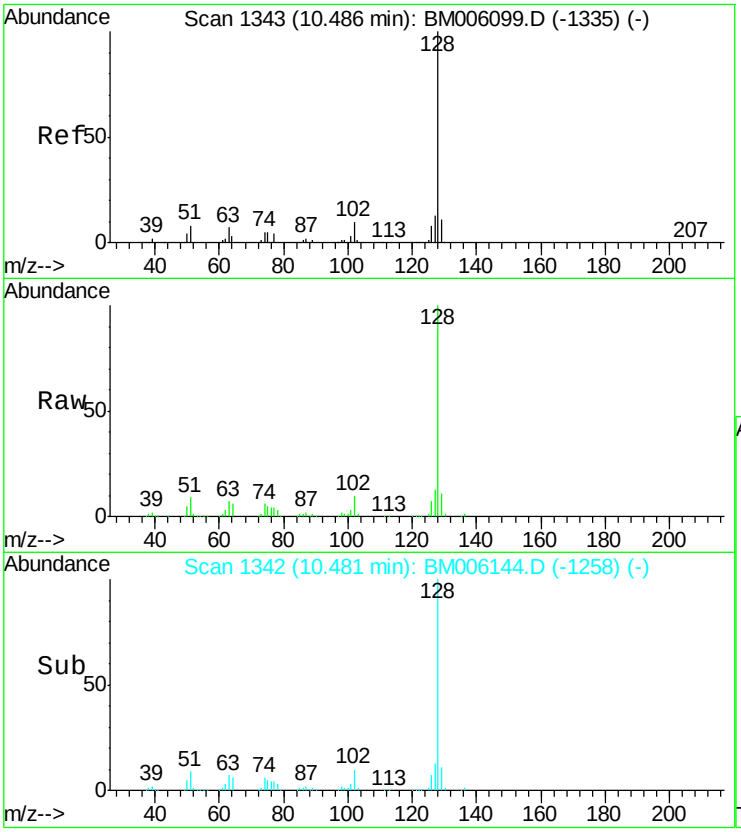
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006144.D
Acq On : 30 Jun 2016 02:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Quant Time: Jun 30 03:32:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration



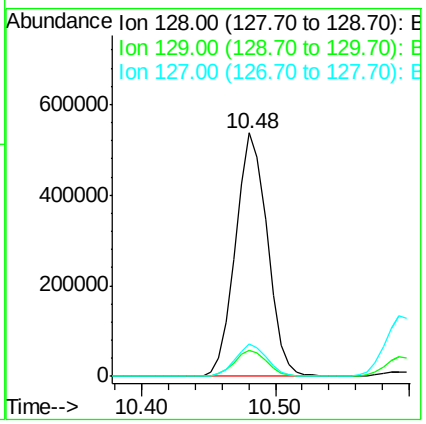


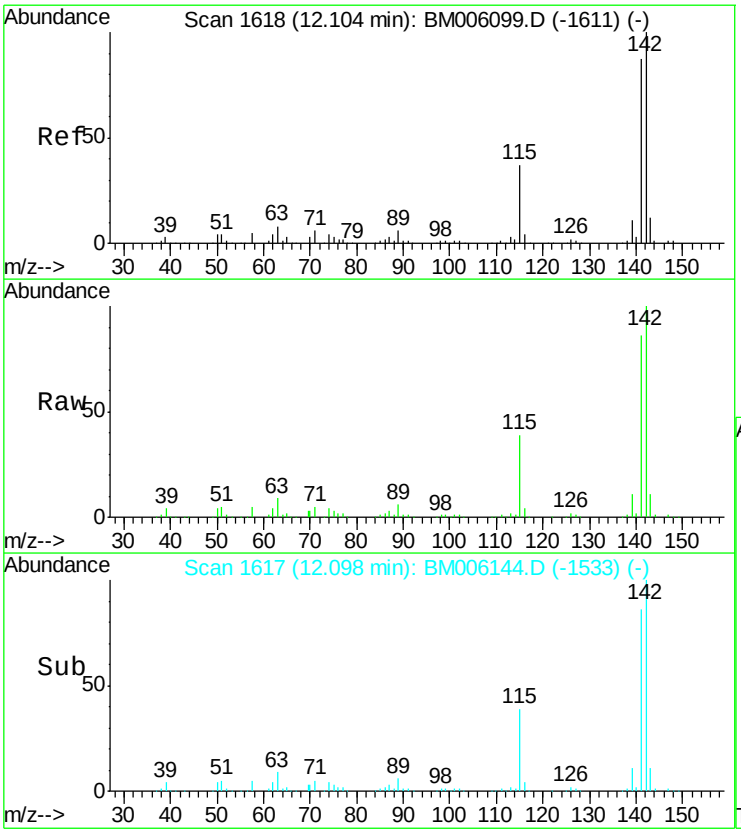
#11
Naphthalene
Concen: 16.25 ng/ul
RT: 10.48 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:128 Resp: 887387

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.1	10.5	15.7

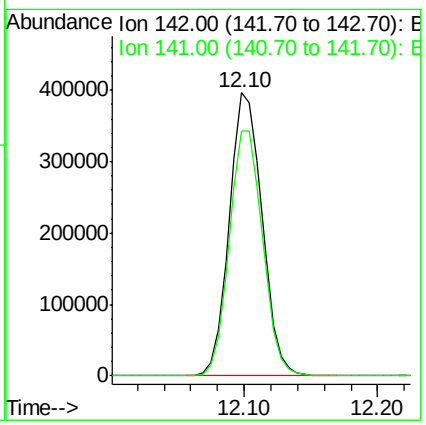


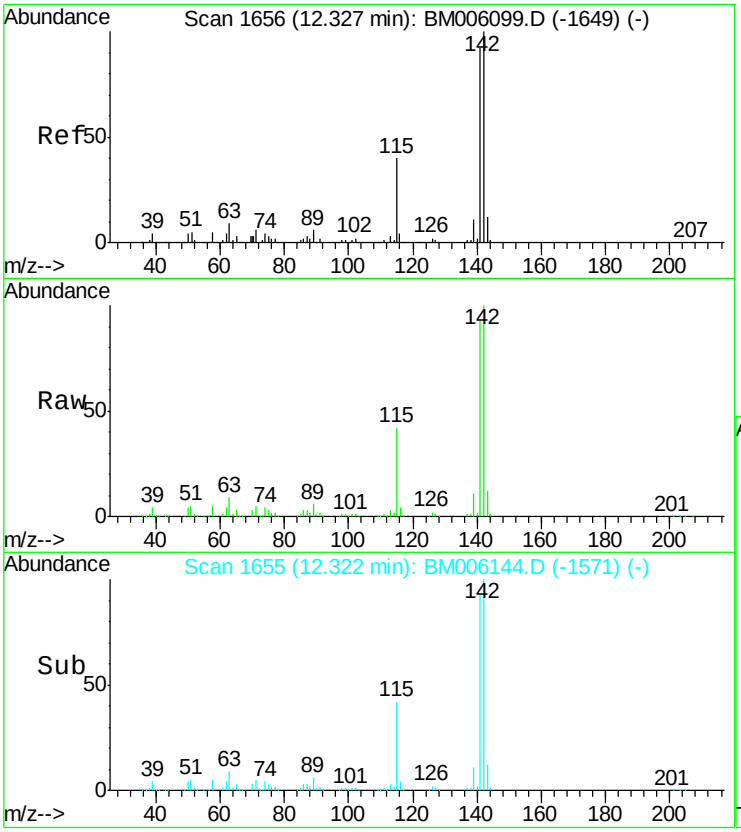


#13
2-Methylnaphthalene
Concen: 16.35 ng/ul
RT: 12.10 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Tgt Ion:142 Resp: 678775

Ion	Ratio	Lower	Upper
142	100		
141	86.4	69.0	103.6



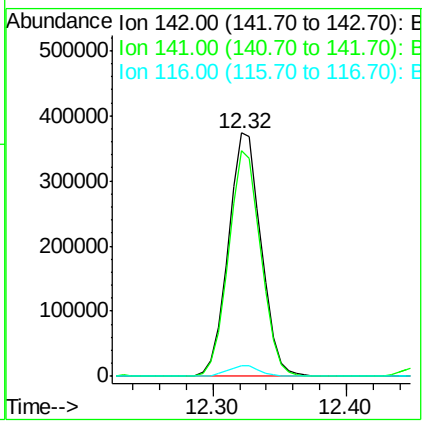


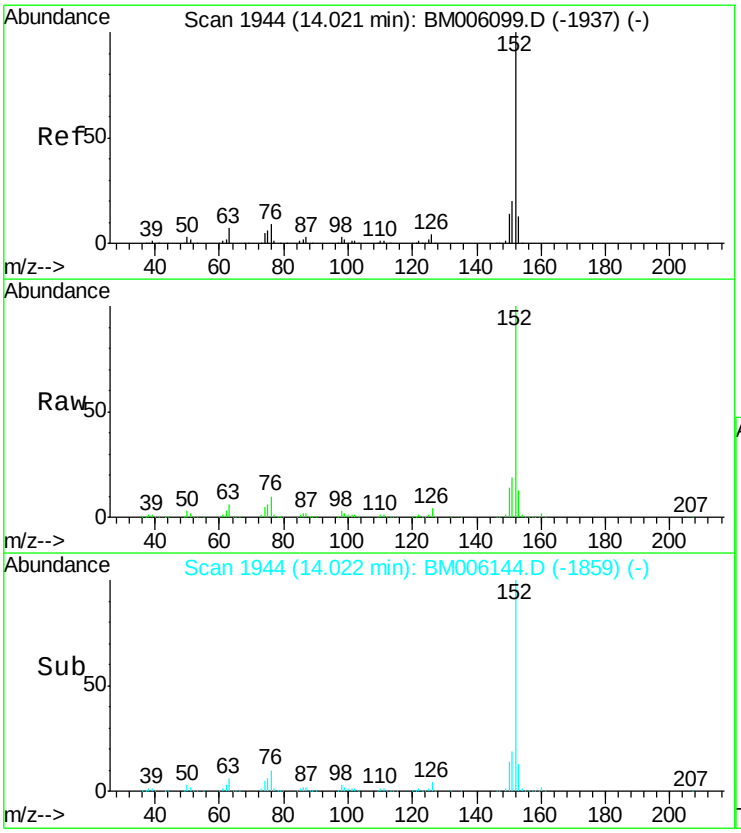
#14
1-Methylnaphthalene
Concen: 16.18 ng/ul
RT: 12.32 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:142 Resp: 638245

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.0	109.4
116	4.4	3.0	4.6

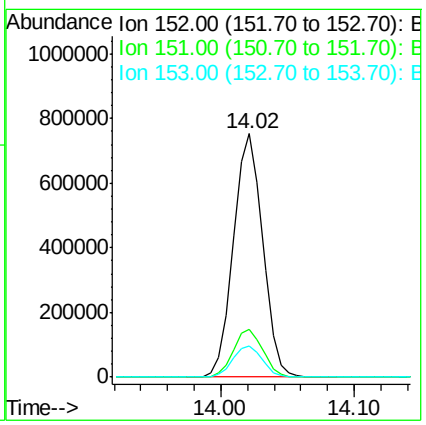


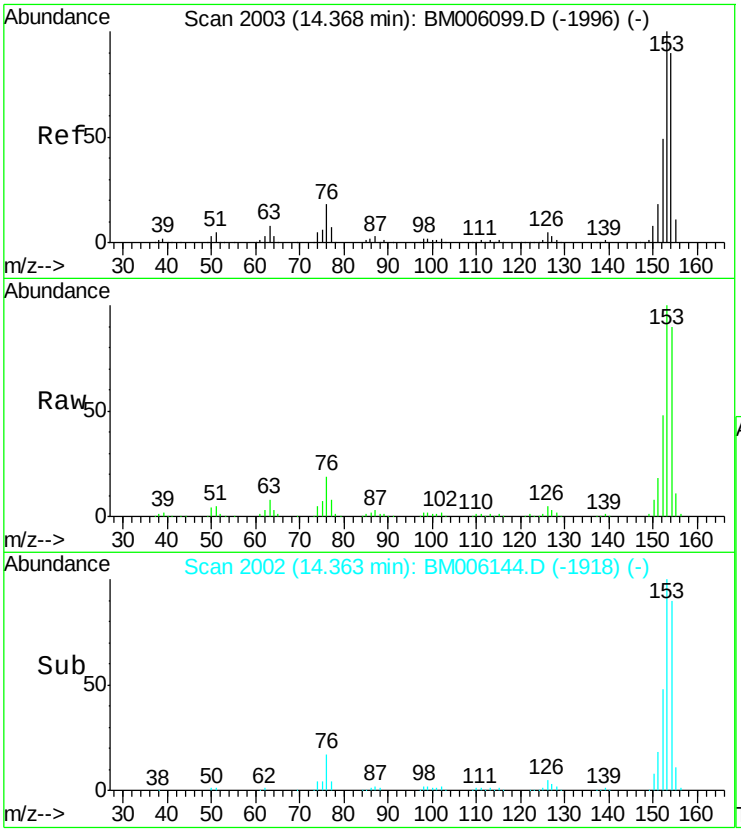


#18
Acenaphthylene
Concen: 16.43 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Tgt Ion:152 Resp: 1143703

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	12.9	10.3	15.5



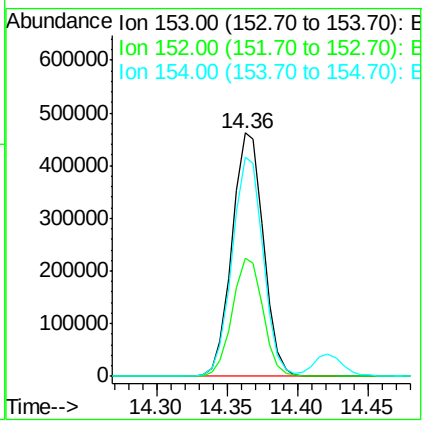


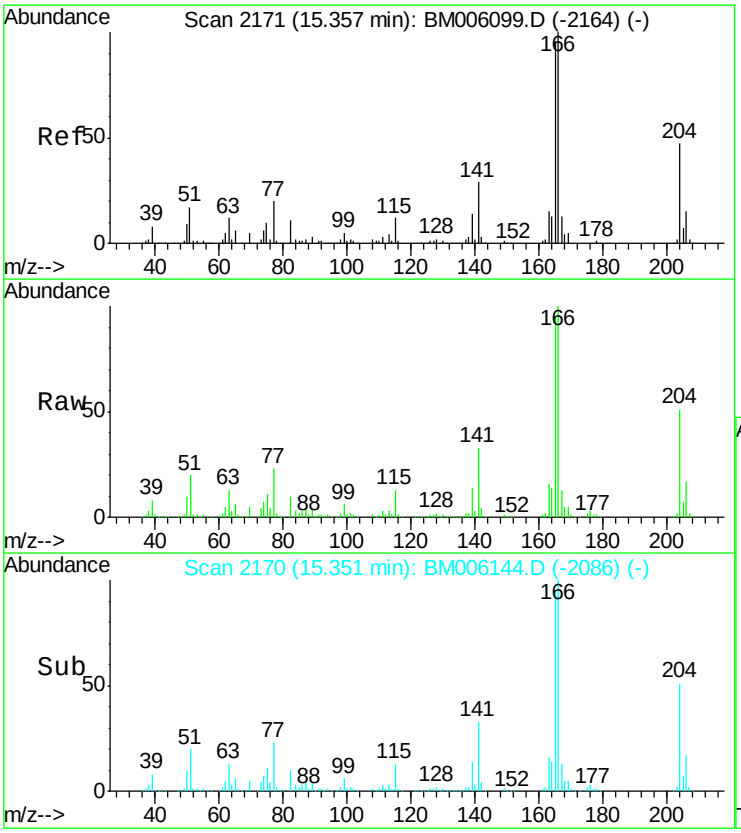
#19
Acenaphthene
Concen: 16.12 ng/ul
RT: 14.36 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:153 Resp: 715996

Ion	Ratio	Lower	Upper
153	100		
152	48.5	38.1	57.1
154	90.3	71.6	107.4

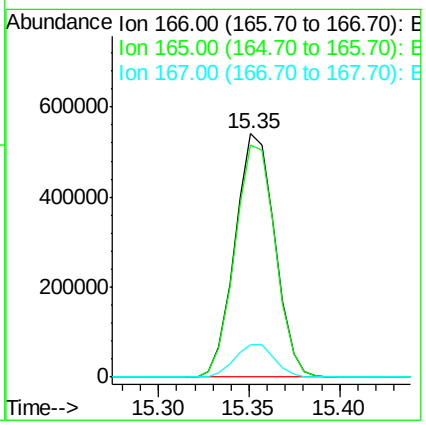


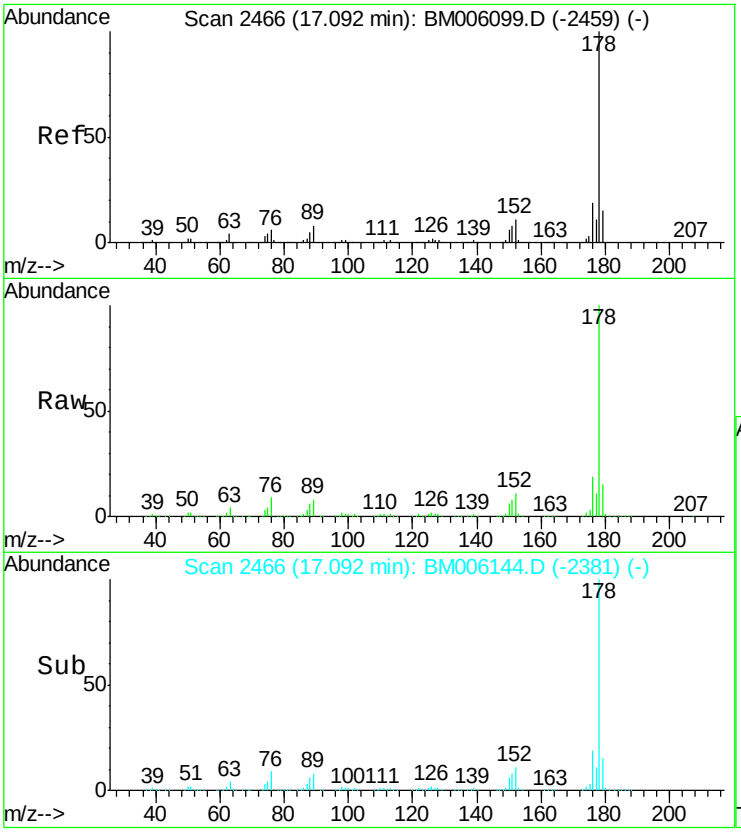


#22
Fluorene
Concen: 16.32 ng/ul
RT: 15.35 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Tgt Ion:166 Resp: 824737

Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.4	117.6
167	13.3	10.6	16.0



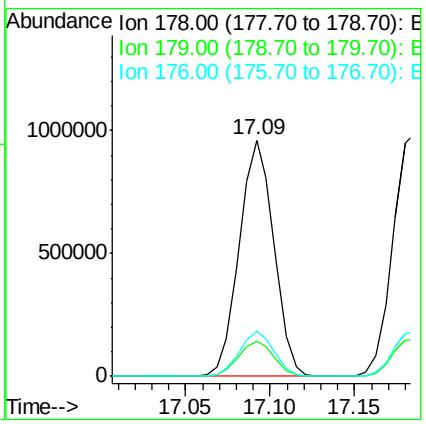


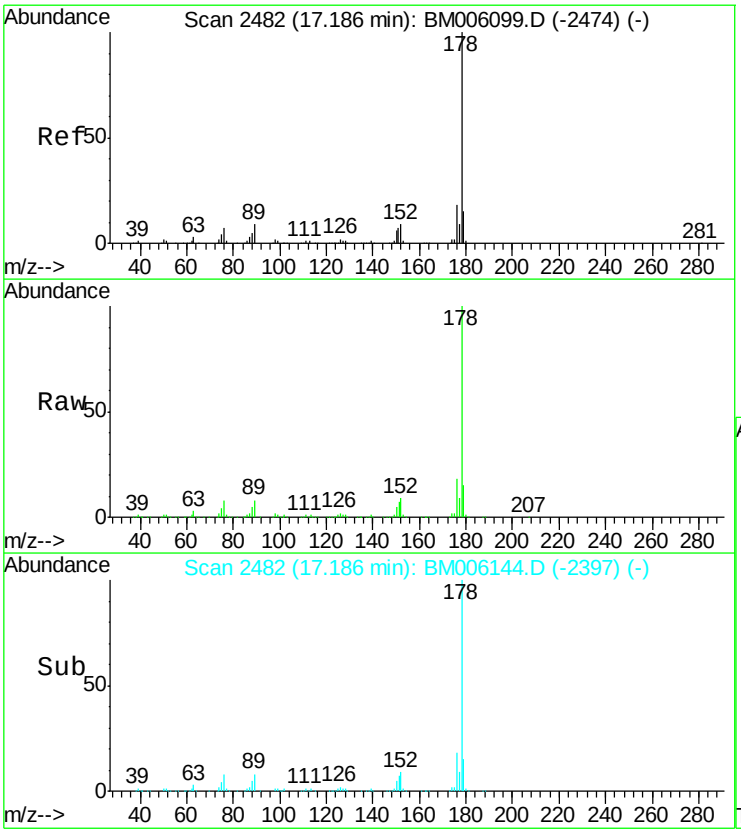
#25
Phenanthrene
Concen: 16.29 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:178 Resp: 1367162

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	19.1	15.3	22.9

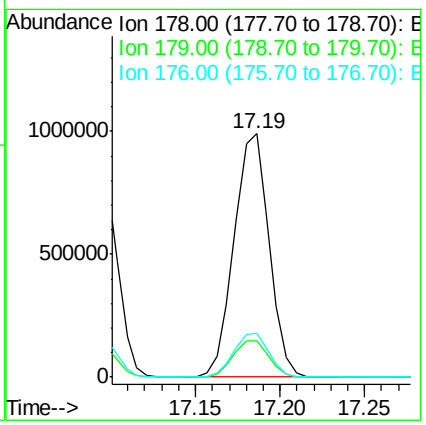


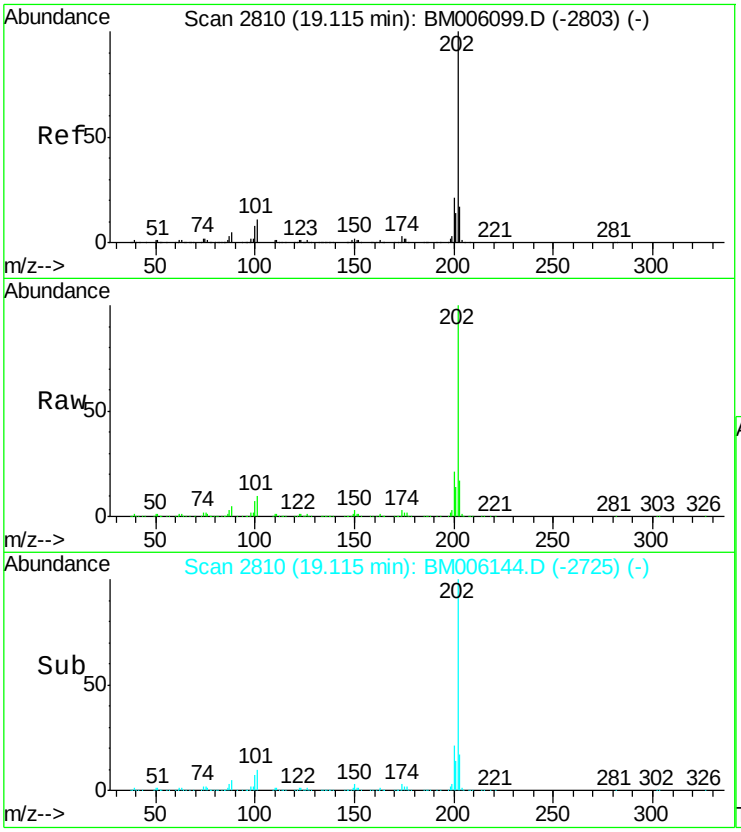


#27
Anthracene
Concen: 16.57 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Tgt Ion:178 Resp: 1429282

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.1	14.6	22.0



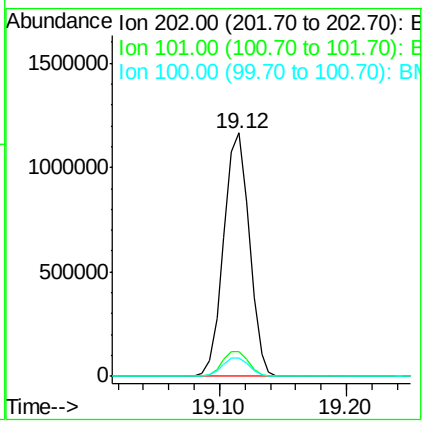


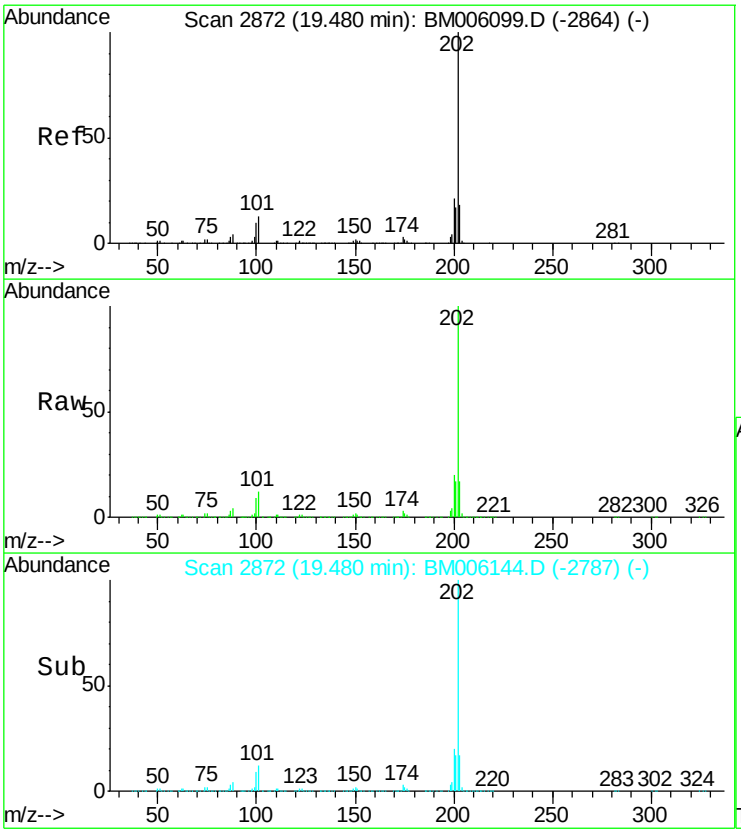
#28
Fluoranthene
Concen: 15.84 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:202 Resp: 1627984

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.5	12.7
100	7.4	6.5	9.7

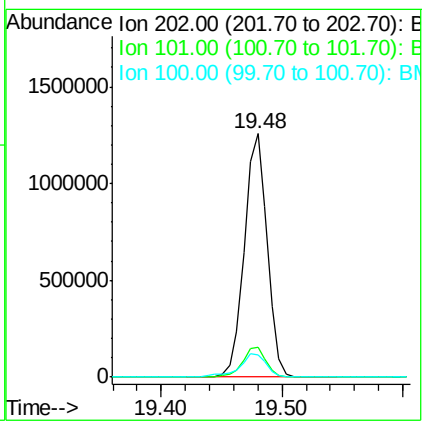


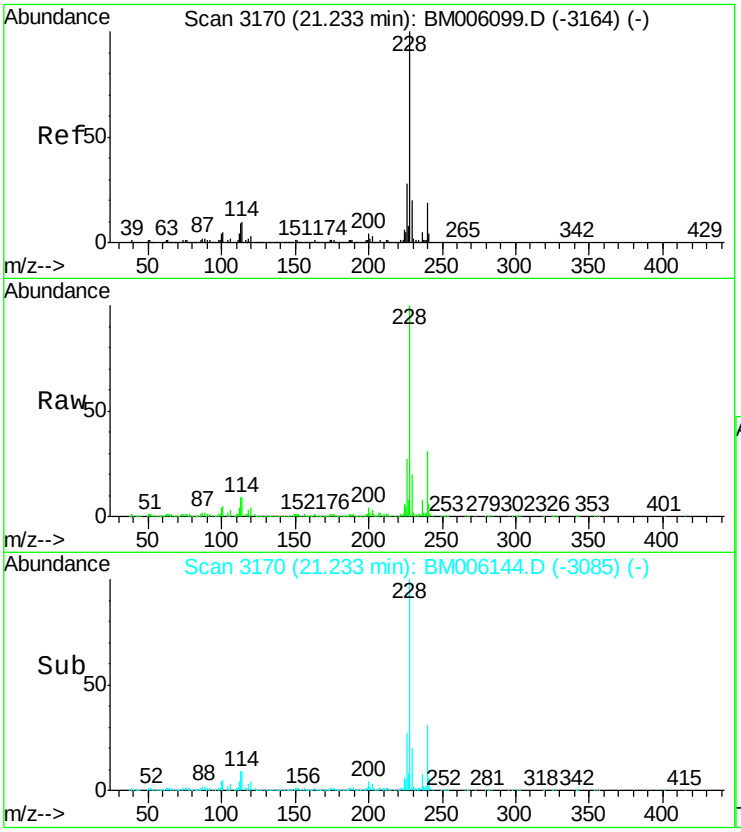


#31
Pyrene
Concen: 18.95 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Tgt Ion:202 Resp: 1662161

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.4
100	9.2	8.9	13.3



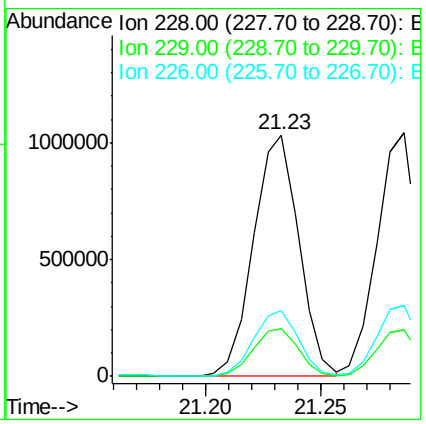


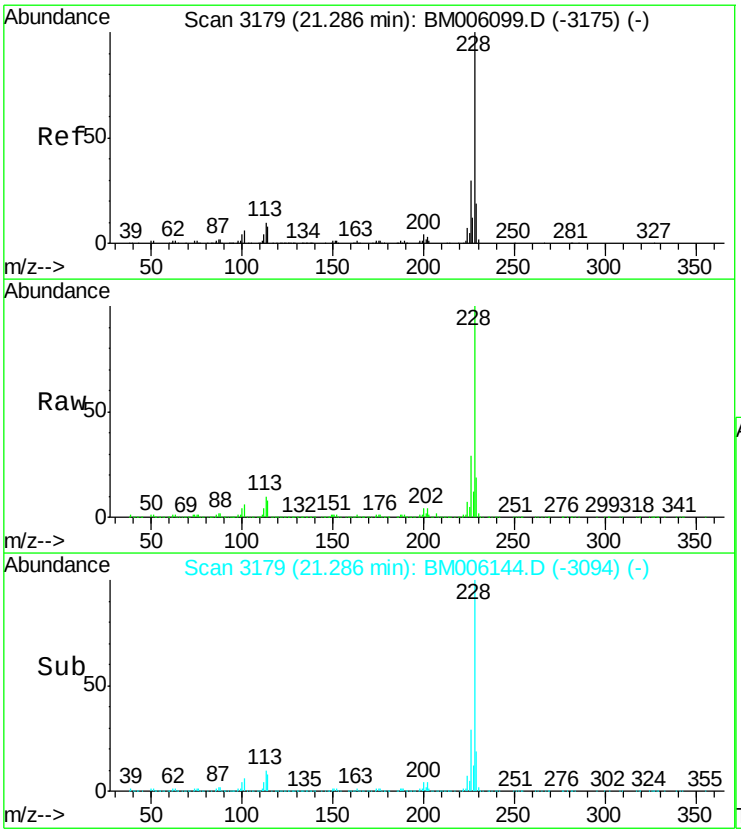
#32
Benzo(a)anthracene
Concen: 16.31 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:228 Resp: 1410049

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.6	23.4
226	27.4	21.6	32.4

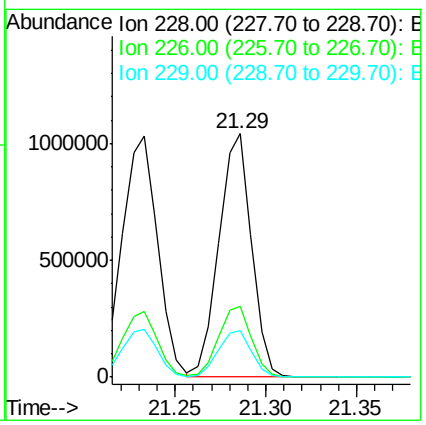


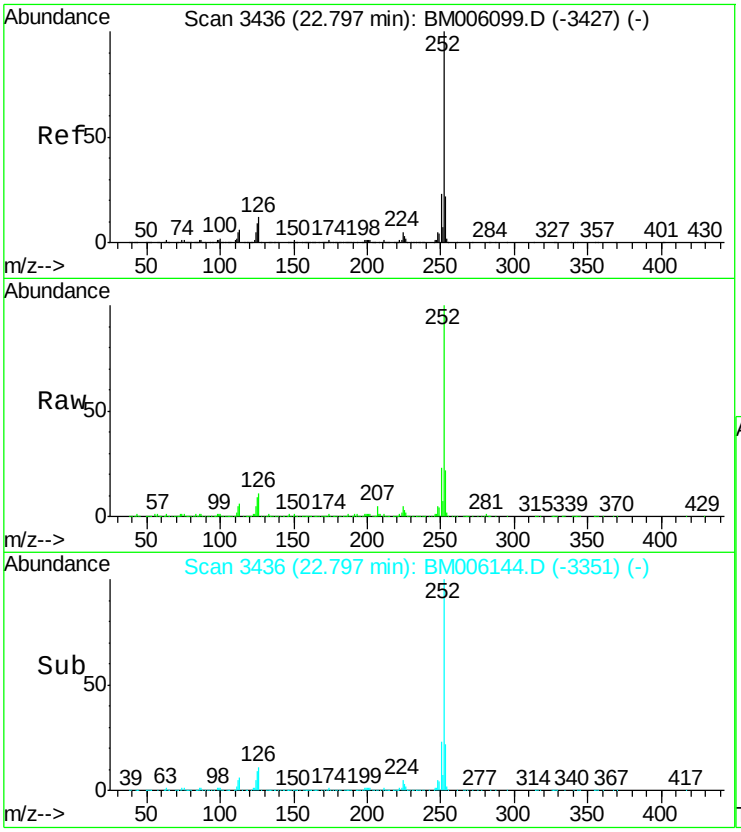


#33
Chrysene
Concen: 16.31 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Tgt Ion:228 Resp: 1298727

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.2	15.8	23.6



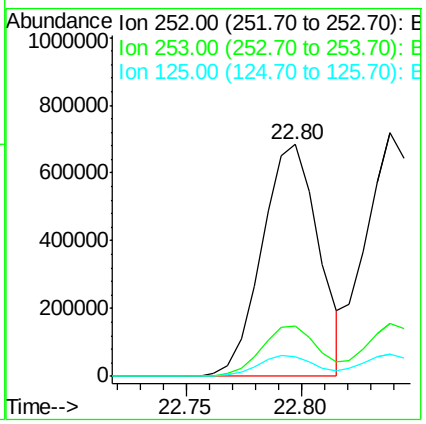


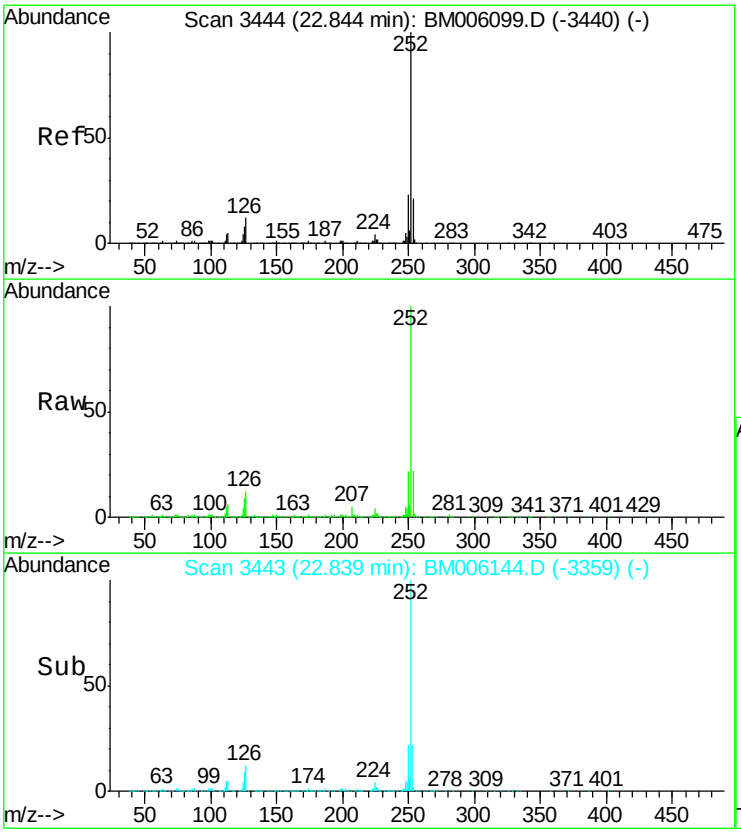
#35
Benzo(b)fluoranthene
Concen: 16.31 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:252 Resp: 1164871

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	8.7	7.8	11.6

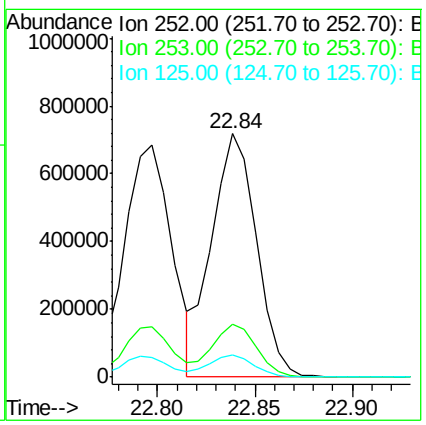


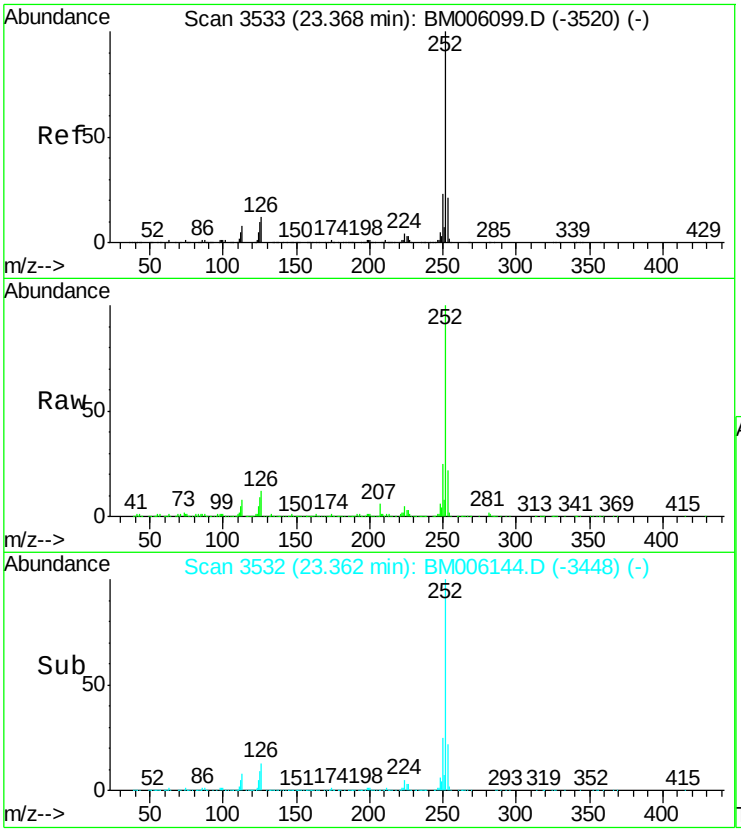


#36
Benzo(k)fluoranthene
Concen: 17.04 ng/ul
RT: 22.84 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Tgt Ion:252 Resp: 1141322

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	8.9	8.1	12.1



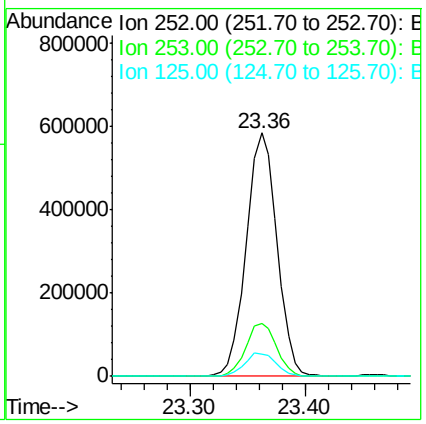


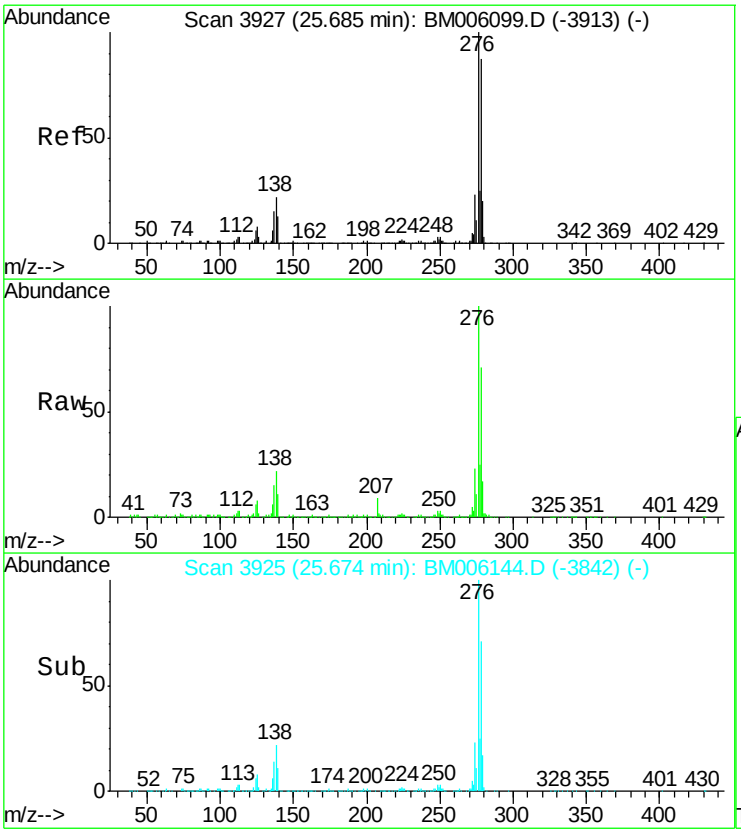
#38
Benzo(a)pyrene
Concen: 16.06 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:252 Resp: 1083593

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	9.4	8.7	13.1

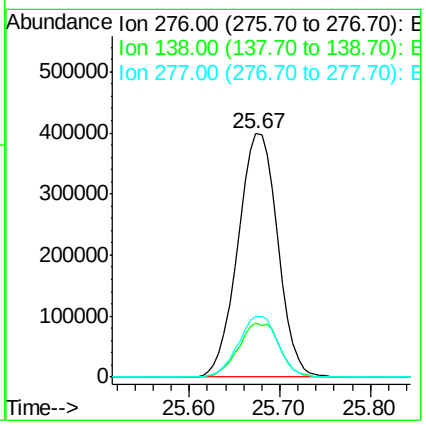


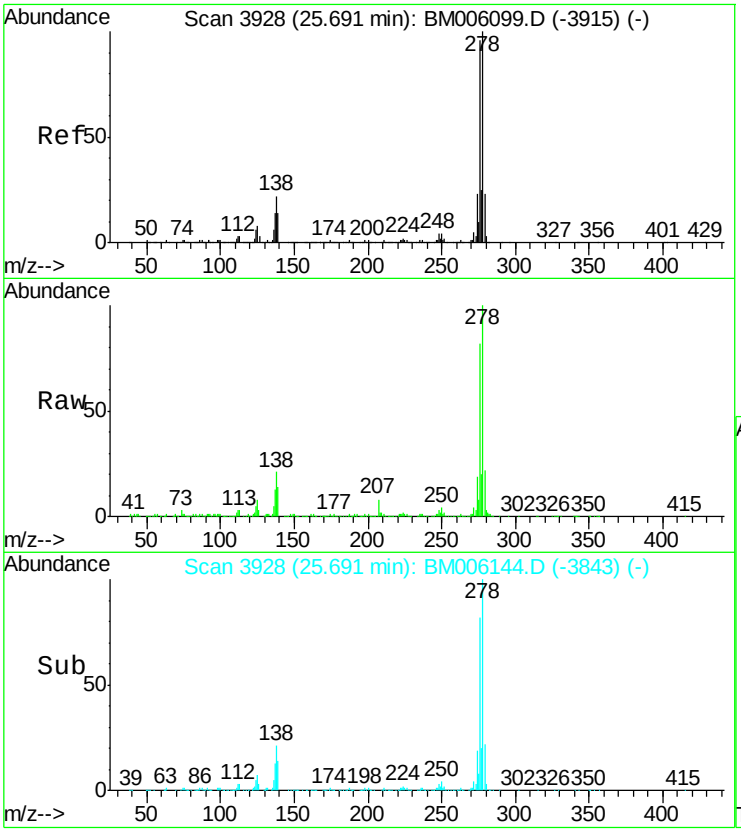


#39
Indeno(1,2,3-cd)pyrene
Concen: 17.36 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Tgt Ion:276 Resp: 1217457

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.4	30.6
277	25.0	20.6	30.8



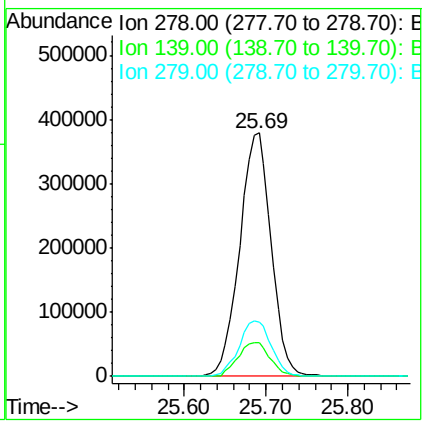


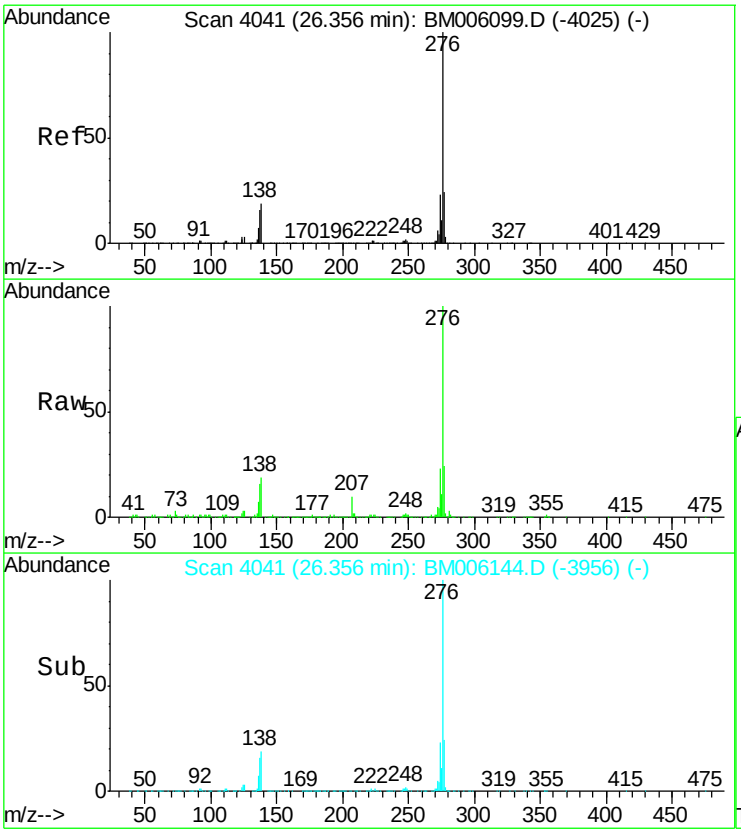
#40
Dibenzo(a,h)anthracene
Concen: 17.51 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Tgt Ion:278 Resp: 1015964

Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.0	19.4
279	22.3	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 18.02 ng/ul
RT: 26.36 min Scan# 4041
Delta R.T. 0.00 min
Lab File: BM006144.D
Acq: 30 Jun 2016 02:27

Tgt Ion:276 Resp: 1058051

Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.6	25.0
277	24.0	18.9	28.3