Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062916\
Data File : BM006117.D
Acq On : 29 Jun 2016 09:06
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Jun 29 09:37:21 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	258254	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1256460	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	780790	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1855190	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1976128	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1856559	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	35867	6.45	ng/uL	0.00
3) Phenol-d5	6.82	99	355955	16.87	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	216810	17.43	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	265735	16.41	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	288930	17.02	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	136897	16.18	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	151577	15.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	282144	15.96	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	228795	16.38	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	894834	15.99	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1115360	16.42	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	171956	16.19	ng/ul	0.00
21) Fluorene-d10	15.30	176	781820	16.37	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	138728	21.11	ng/ul	0.00
26) Anthracene-d10	17.15	188	1222009	16.42	ng/ul	0.00
30) Pyrene-d10	19.45	212	1372064	17.24	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1203616	16.29	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.48	128	896677	16.30	ng/ul	99
13) 2-Methylnaphthalene	12.10	142	689855	16.50	ng/ul	99
14) 1-Methylnaphthalene	12.32	142	647940	16.31	ng/ul	99
18) Acenaphthylene	14.02	152	1171928	16.48	ng/ul	99
19) Acenaphthene	14.36	153	737375	16.25	ng/ul	99
22) Fluorene	15.35	166	850226	16.47	ng/ul	99
25) Phenanthrene	17.09	178	1427547	16.26	ng/ul	100
27) Anthracene	17.18	178	1480031	16.40	ng/ul	100
28) Fluoranthene	19.12	202	1743114	16.21	ng/ul	98
31) Pyrene	19.48	202	1802652	17.29	ng/ul	96
32) Benzo(a)anthracene	21.23	228	1688742	16.43	ng/ul	100
33) Chrysene	21.29	228	1568857	16.58	ng/ul	99
35) Benzo(b)fluoranthene	22.80	252	1643982	17.06	ng/ul	100
36) Benzo(k)fluoranthene	22.84	252	1541564	17.05	ng/ul	98
38) Benzo(a)pyrene	23.37	252	1492563	16.40	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.68	276	1476877	15.61	ng/ul	96
40) Dibenzo(a,h)anthracene	25.69	278	1229299	15.70	ng/ul	98
41) Benzo(g,h,i)perylene	26.36	276	1245071	15.72	ng/ul	98

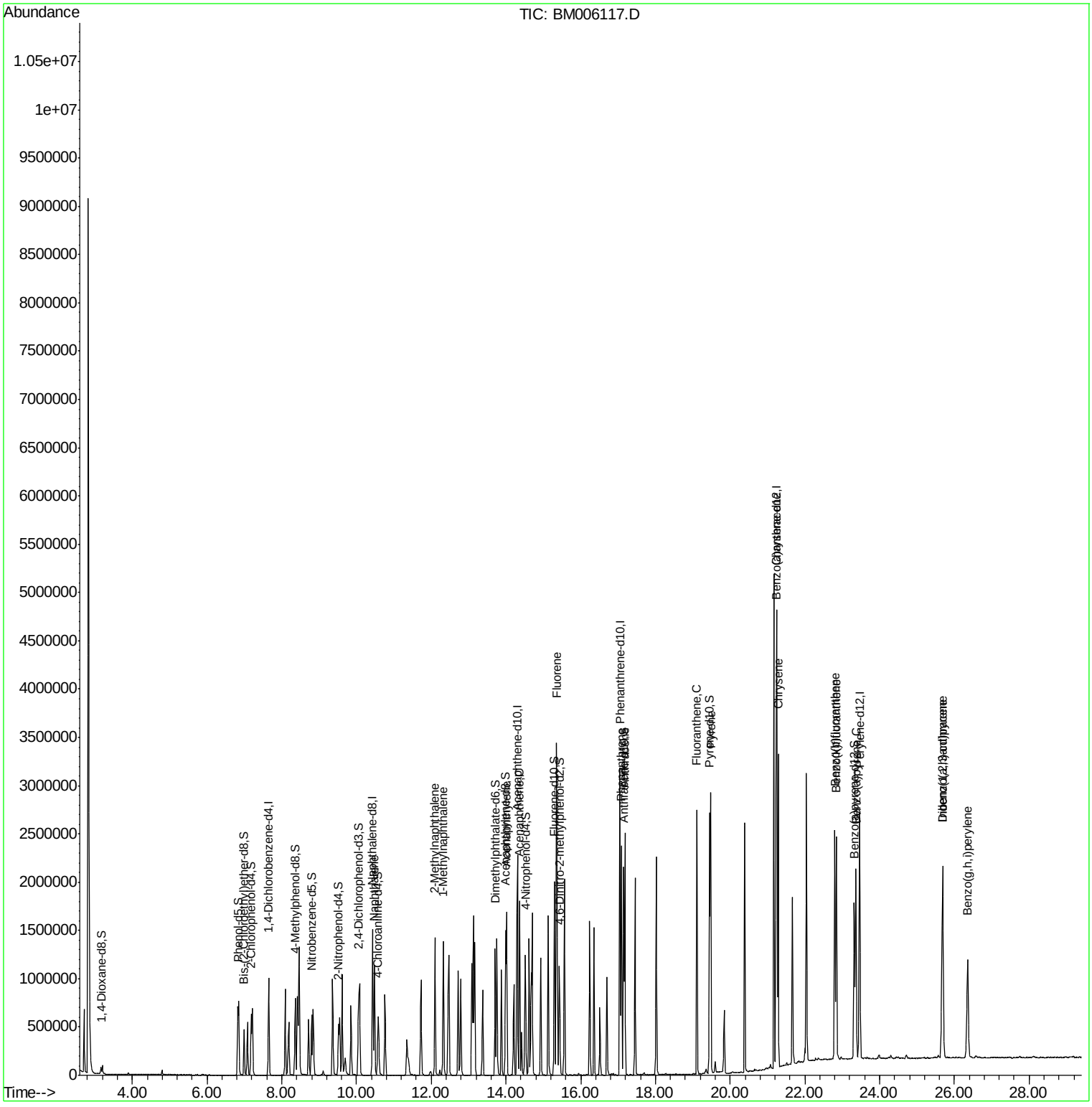
(#) = qualifier out of range (m) = manual integration (+) = signals summed

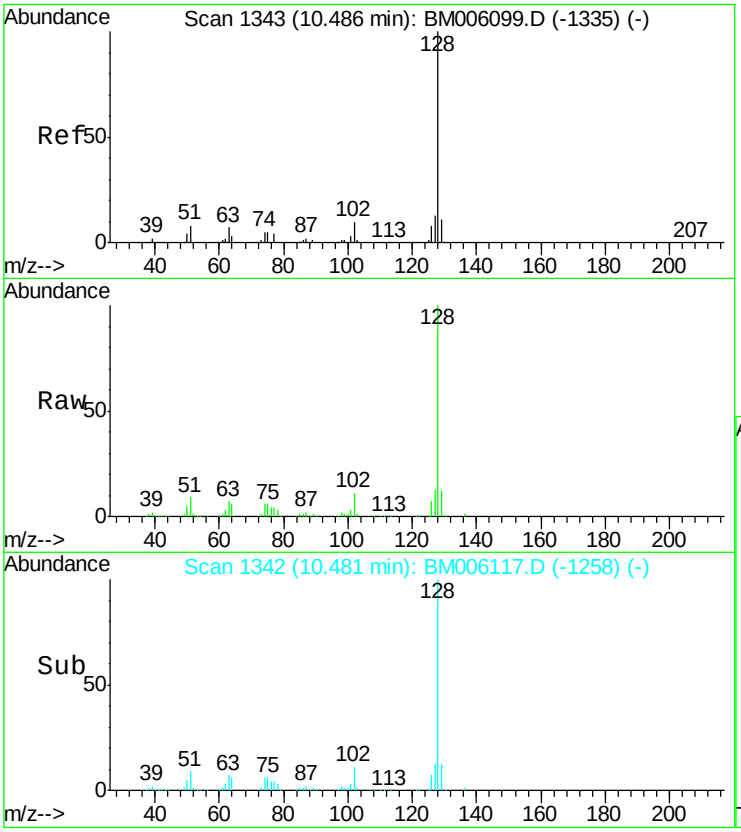
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062916\
Data File : BM006117.D
Acq On : 29 Jun 2016 09:06
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Quant Time: Jun 29 09:37:21 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



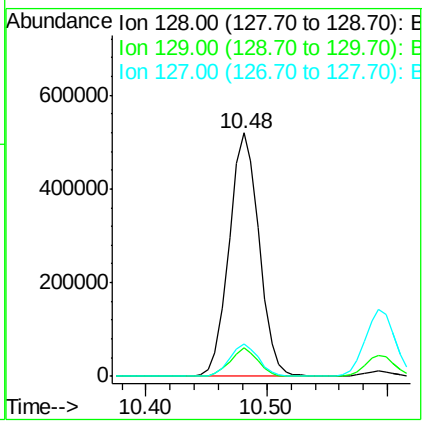


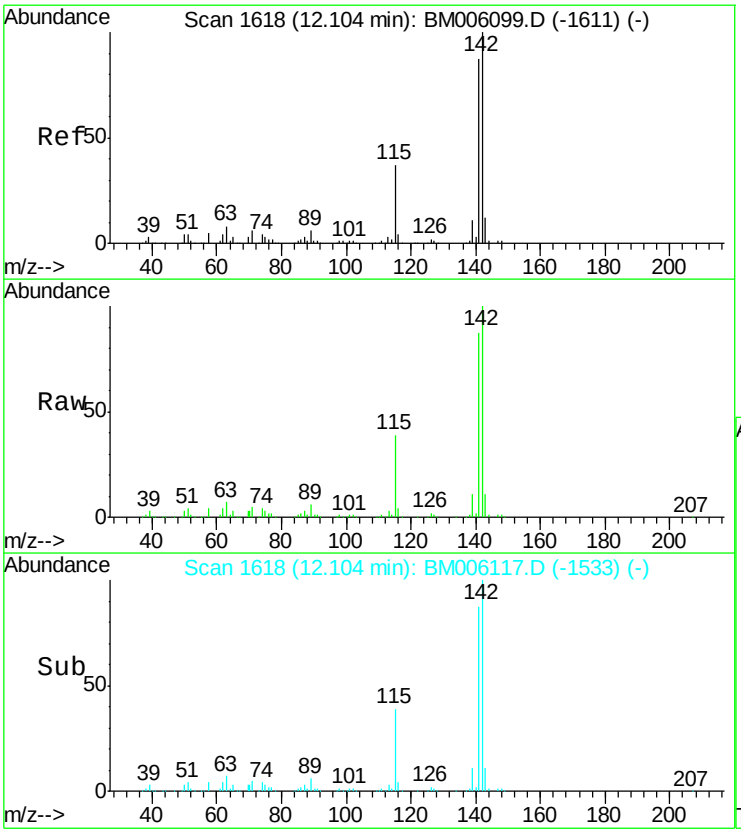
#11
Naphthalene
Concen: 16.30 ng/ul
RT: 10.48 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:128 Resp: 896677

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.2	10.5	15.7

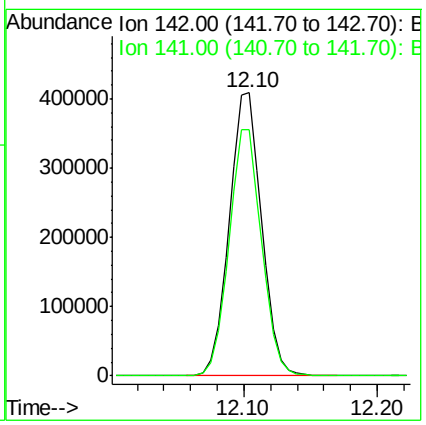


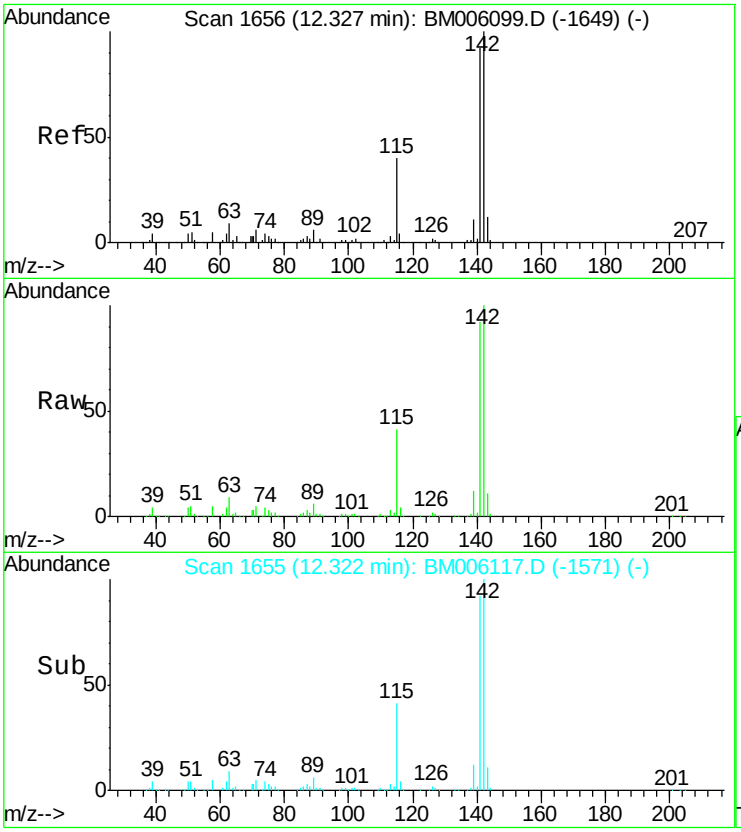


#13
2-Methylnaphthalene
Concen: 16.50 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Tgt Ion:142 Resp: 689855

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.0	103.6



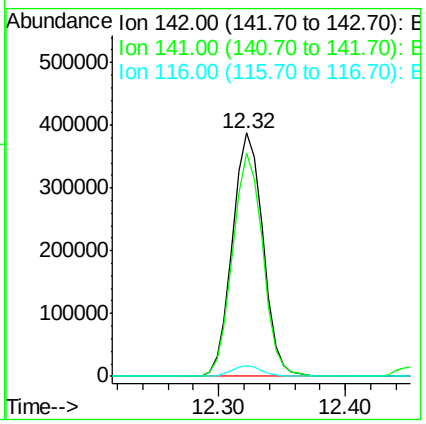


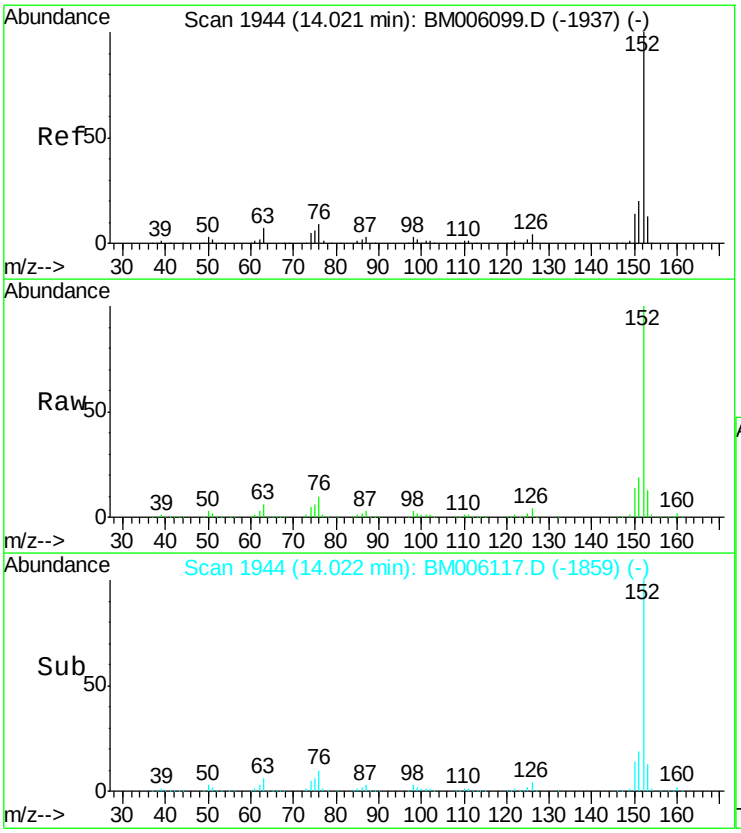
#14
1-Methylnaphthalene
Concen: 16.31 ng/ul
RT: 12.32 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:142 Resp: 647940

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.4
116	4.2	3.0	4.6

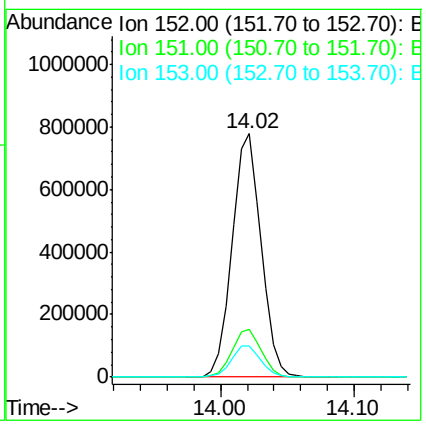


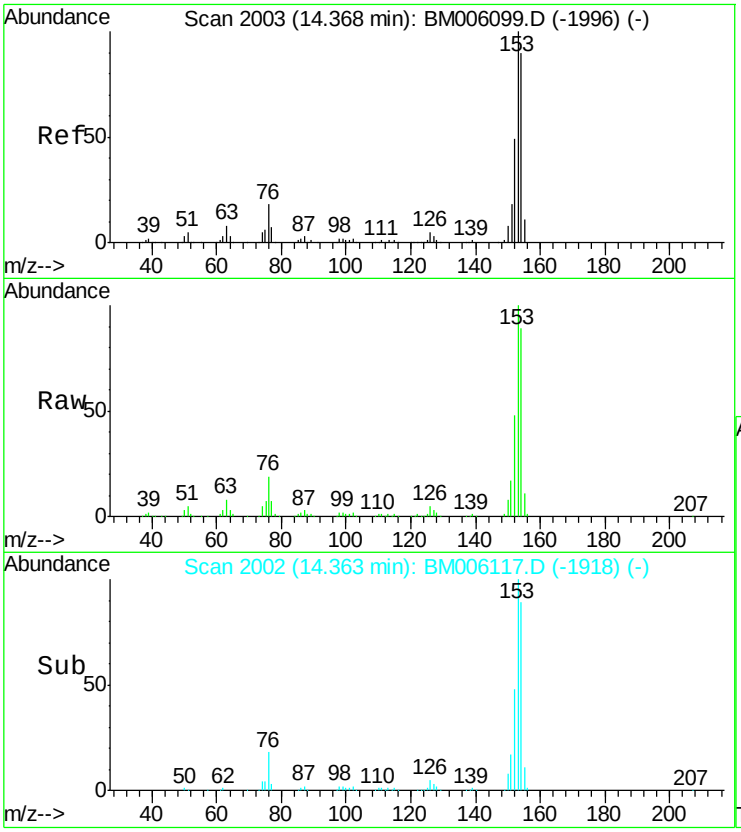


#18
Acenaphthylene
Concen: 16.48 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Tgt Ion:152 Resp: 1171928

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.5	10.3	15.5



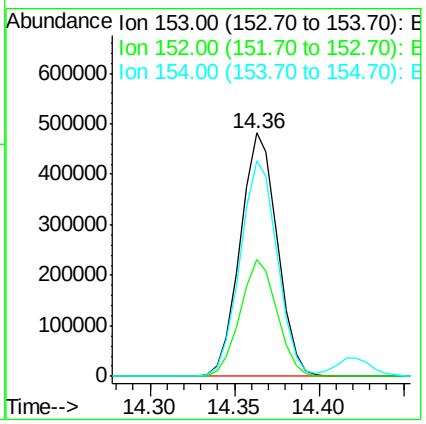


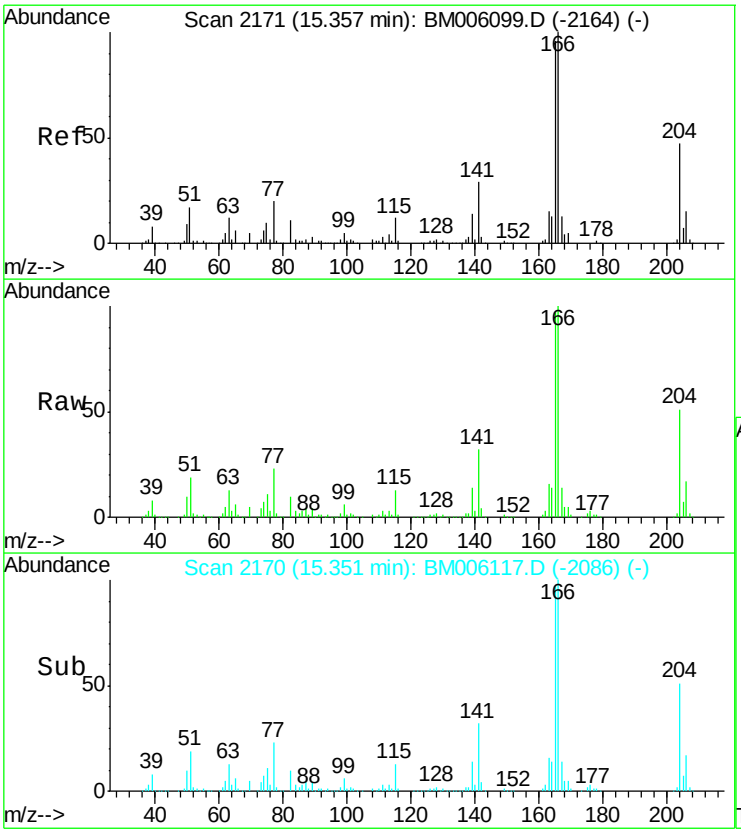
#19
Acenaphthene
Concen: 16.25 ng/ul
RT: 14.36 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:153 Resp: 737375

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.1	57.1
154	88.7	71.6	107.4

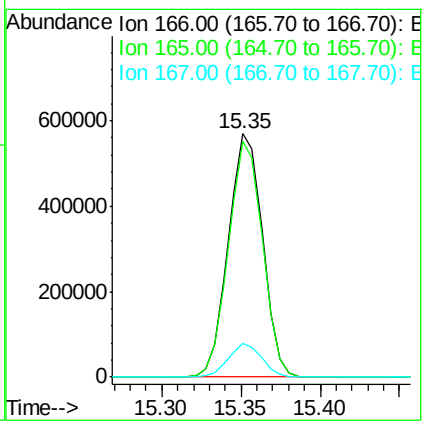


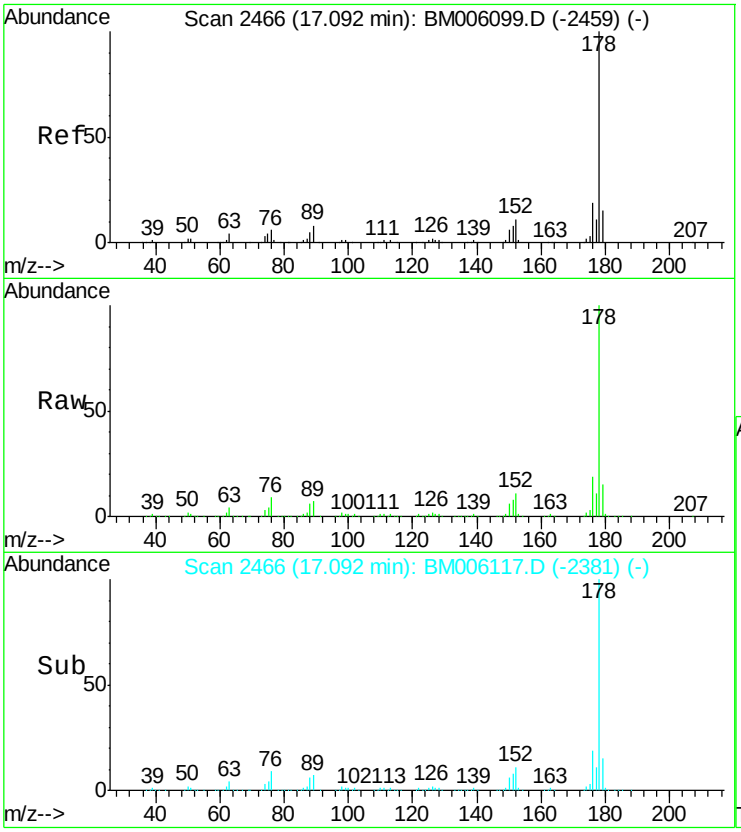


#22
Fluorene
Concen: 16.47 ng/ul
RT: 15.35 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Tgt Ion:166 Resp: 850226

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.4	117.6
167	13.6	10.6	16.0



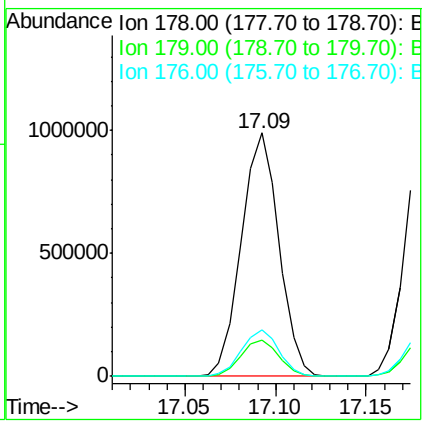


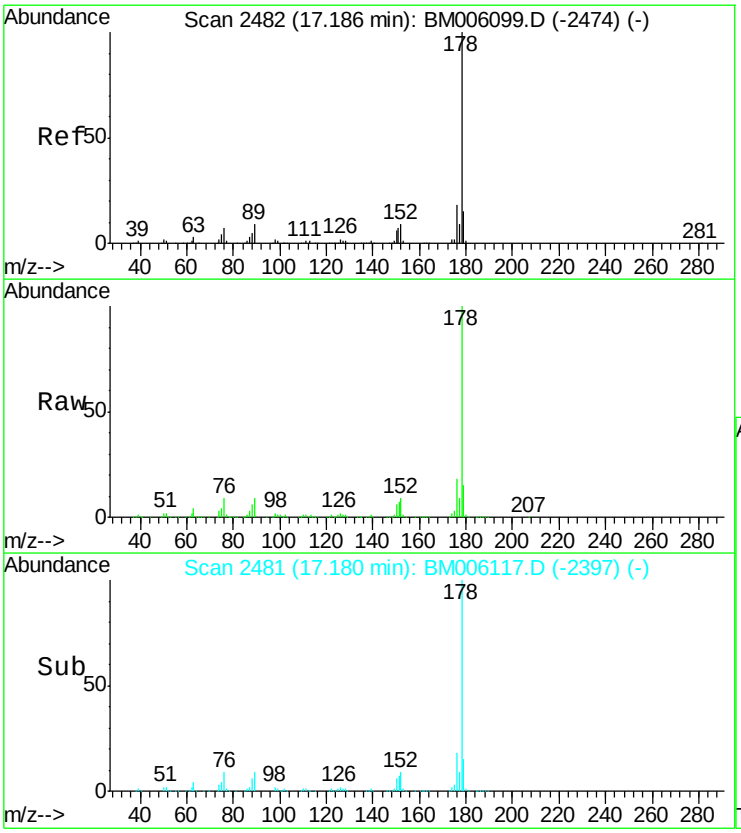
#25
Phenanthrene
Concen: 16.26 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:178 Resp: 1427547

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.0	15.3	22.9

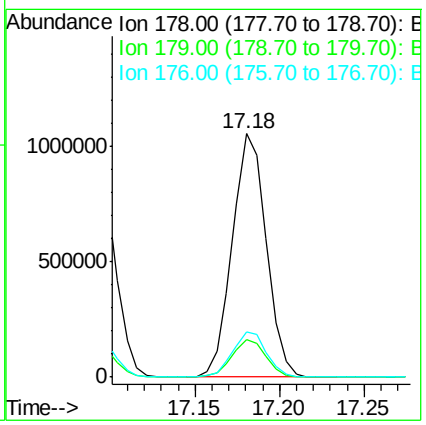


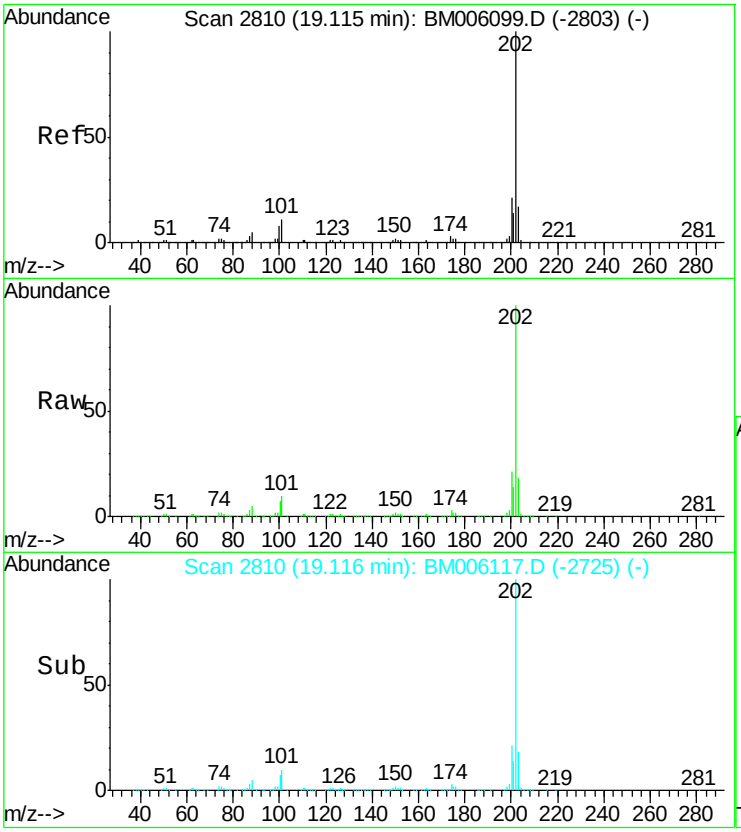


#27
Anthracene
Concen: 16.40 ng/ul
RT: 17.18 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Tgt Ion:178 Resp: 1480031

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.4	14.6	22.0



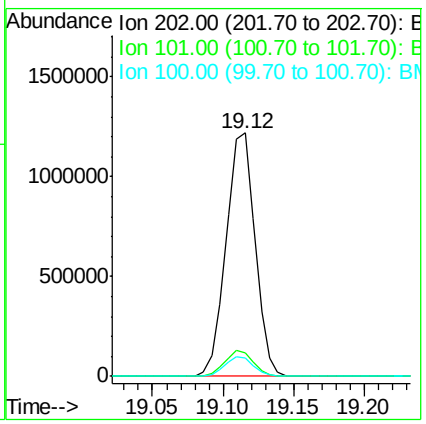


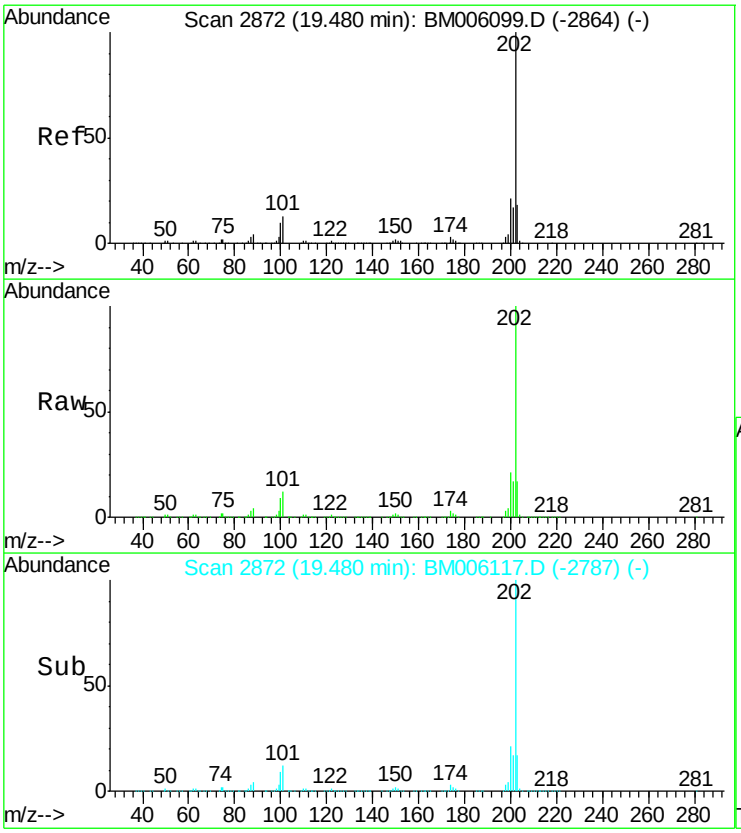
#28
Fluoranthene
Concen: 16.21 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:202 Resp: 1743114

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.5	12.7
100	7.3	6.5	9.7

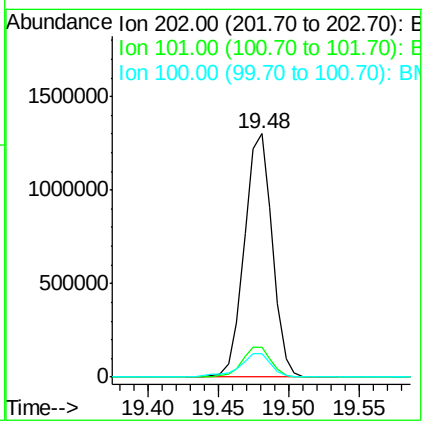


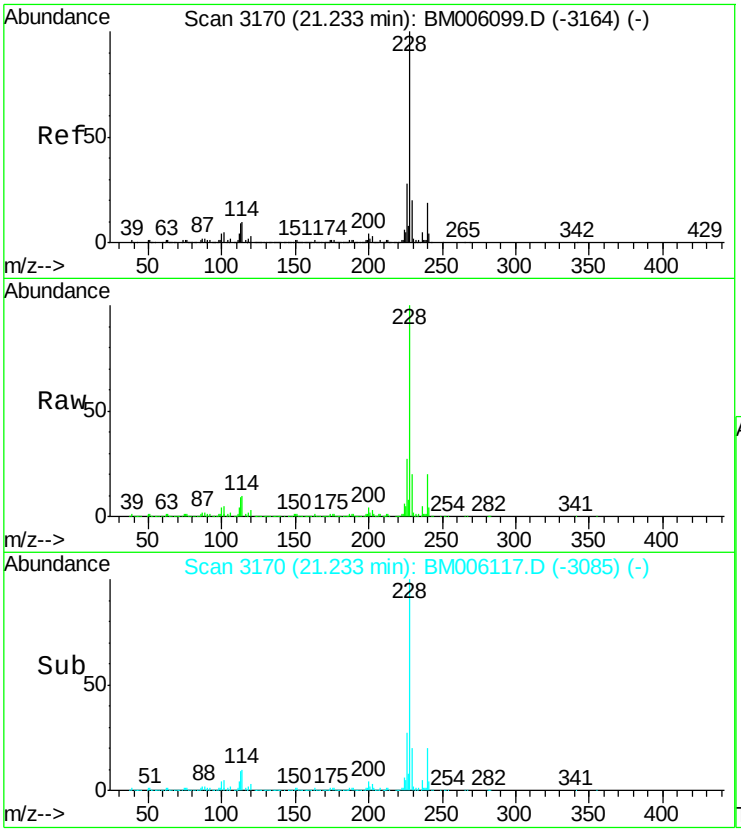


#31
Pyrene
Concen: 17.29 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Tgt Ion:202 Resp: 1802652

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.0	16.4
100	9.5	8.9	13.3



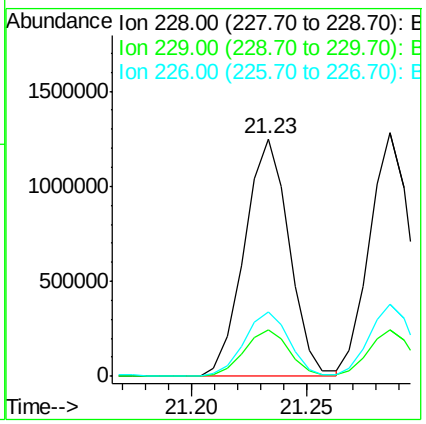


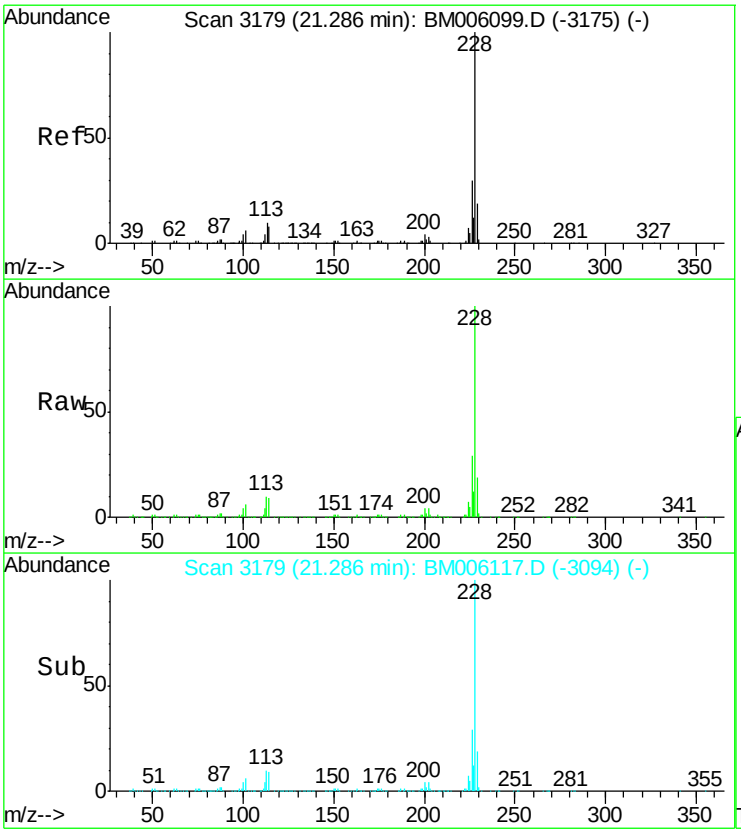
#32
Benzo(a)anthracene
Concen: 16.43 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:228 Resp: 1688742

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	26.9	21.6	32.4

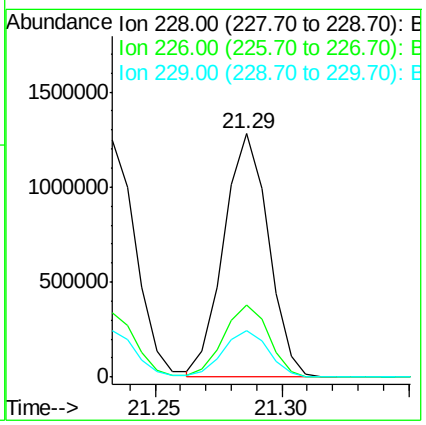


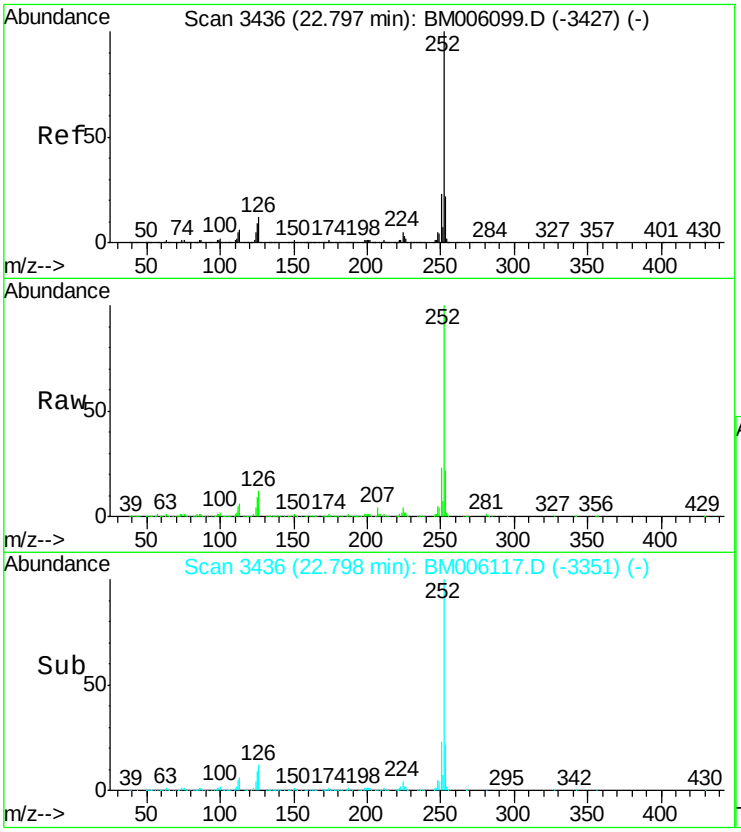


#33
Chrysene
Concen: 16.58 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Tgt Ion:228 Resp: 1568857

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	19.0	15.8	23.6



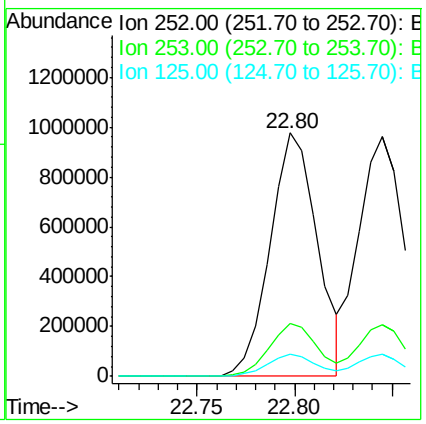


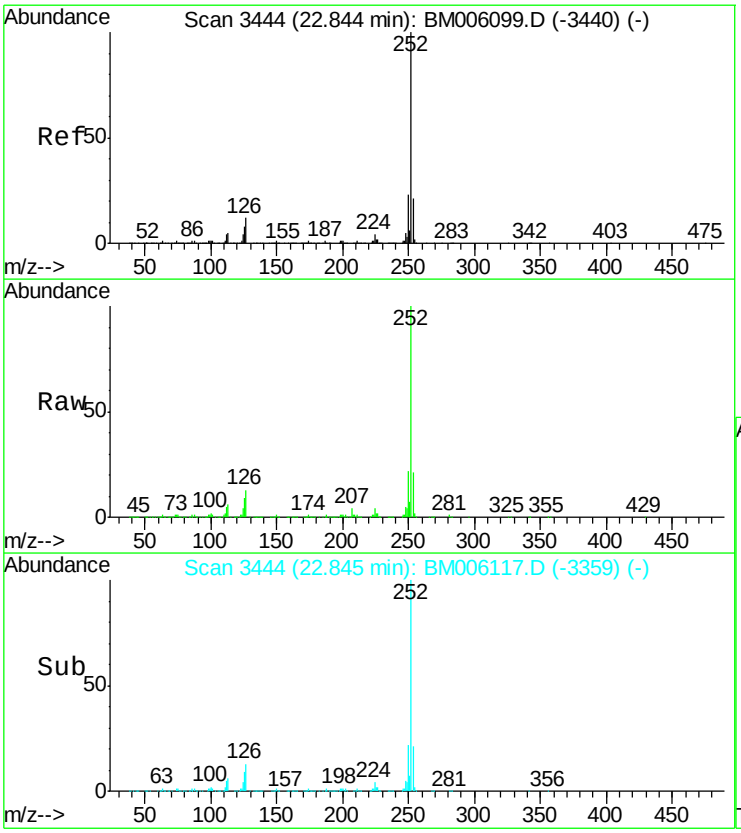
#35
Benzo(b)fluoranthene
Concen: 17.06 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:252 Resp: 1643982

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.3	7.8	11.6

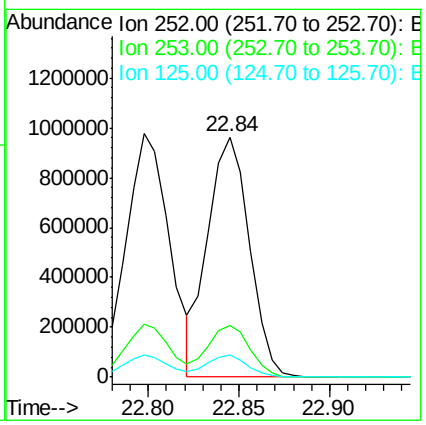


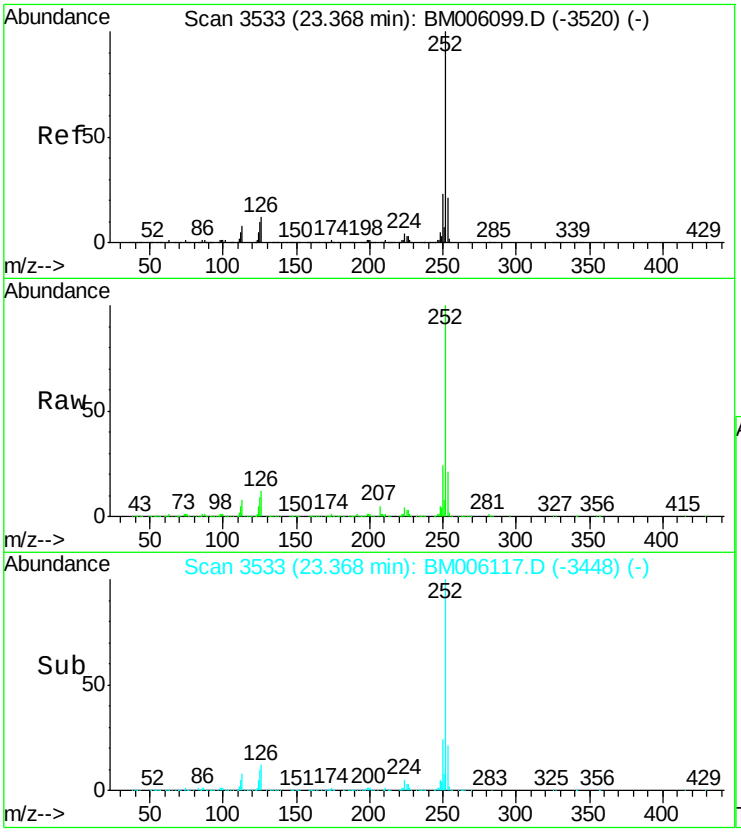


#36
Benzo(k)fluoranthene
Concen: 17.05 ng/ul
RT: 22.84 min Scan# 3444
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Tgt Ion:252 Resp: 1541564

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	9.0	8.1	12.1



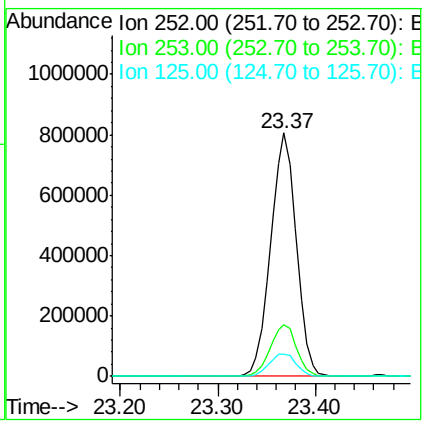


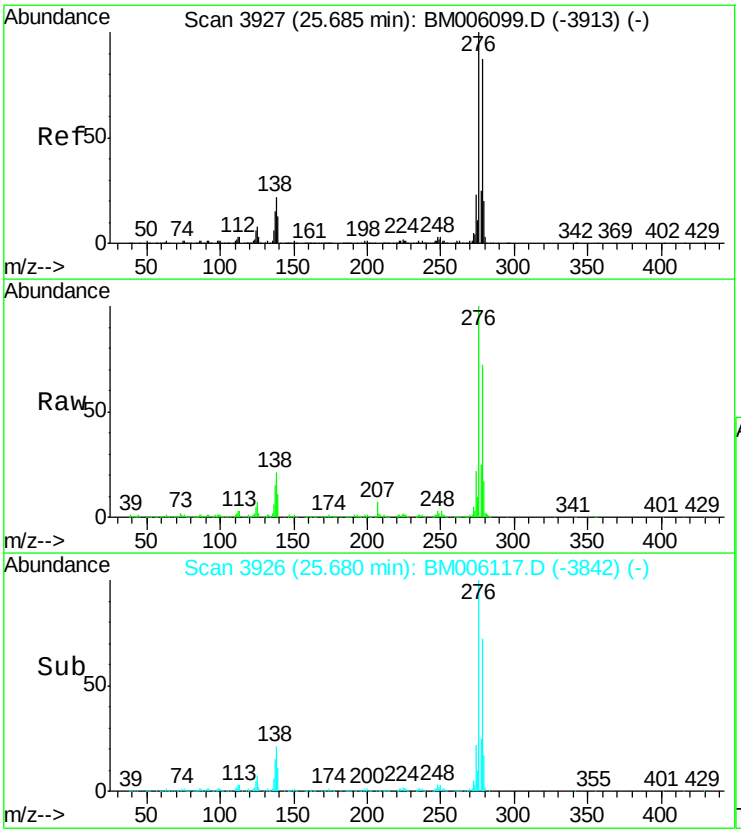
#38
Benzo(a)pyrene
Concen: 16.40 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:252 Resp: 1492563

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	9.3	8.7	13.1

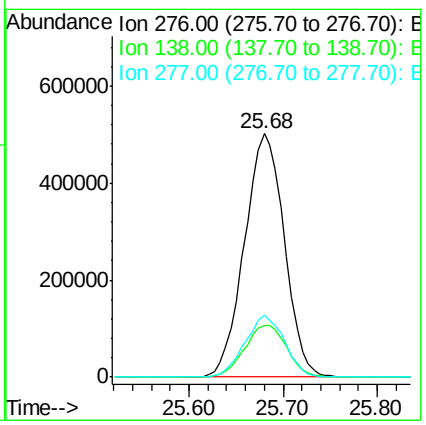


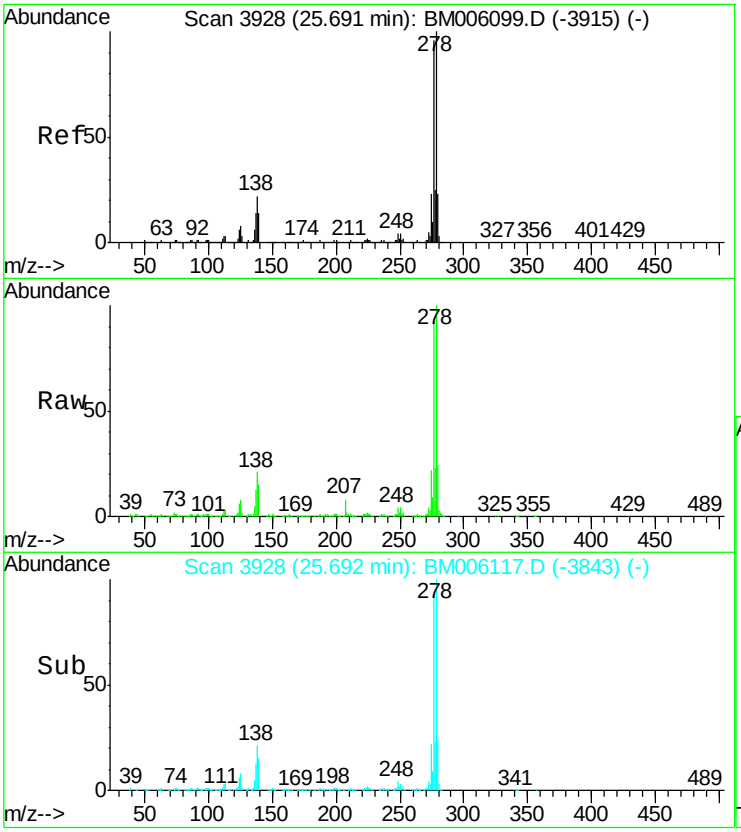


#39
Indeno(1,2,3-cd)pyrene
Concen: 15.61 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Tgt Ion:276 Resp: 1476877

Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.4	30.6
277	25.3	20.6	30.8



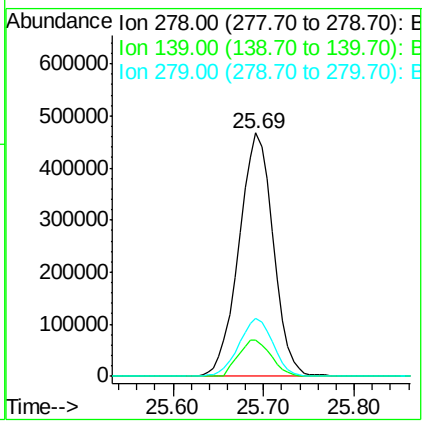


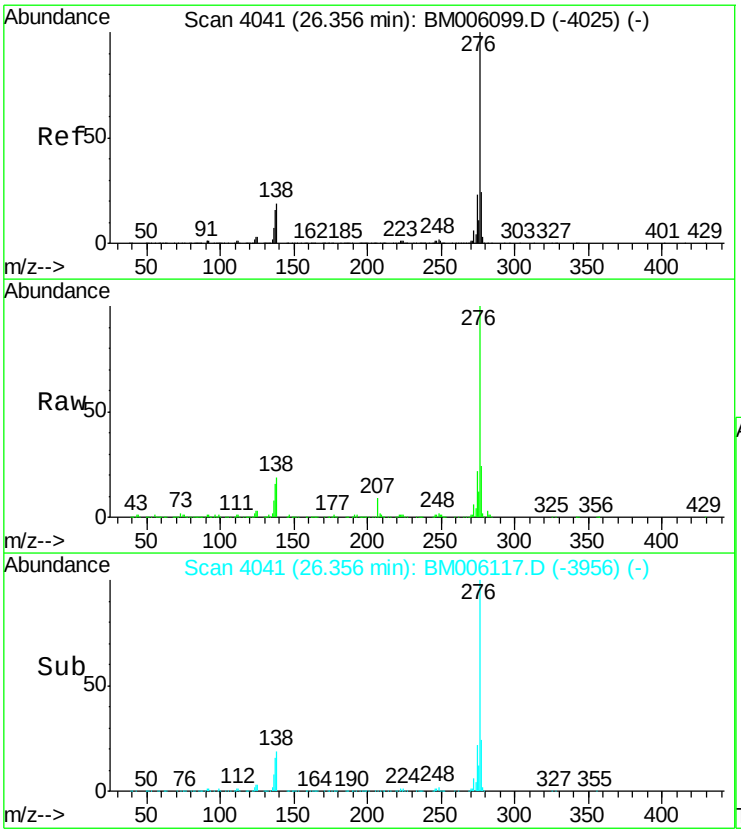
#40
Dibenzo(a,h)anthracene
Concen: 15.70 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:278 Resp: 1229299

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.4
279	23.9	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 15.72 ng/ul
RT: 26.36 min Scan# 4041
Delta R.T. 0.00 min
Lab File: BM006117.D
Acq: 29 Jun 2016 09:06

Tgt Ion:276 Resp: 1245071

Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.6	25.0
277	24.0	18.9	28.3