Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006015.D
Acq On : 26 Jun 2016 00:01
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02066

Quant Time: Jun 26 04:43:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:39:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	143145	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	736535	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	494053	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1306392	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1835074	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2252329	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	26725	8.34	ng/uL	0.00
3) Phenol-d5	6.83	99	291325	19.35	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	167569	20.00	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	208120	19.84	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	240659	18.93	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	111043	19.80	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	119060	19.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	236309	19.74	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	309623	23.84	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	835185	19.75	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1004783	20.48	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	187903	20.83	ng/ul	0.00
21) Fluorene-d10	15.30	176	726303	20.11	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	145305	20.04	ng/ul	0.00
26) Anthracene-d10	17.15	188	1237492	20.62	ng/ul	0.00
30) Pyrene-d10	19.45	212	1557724	19.38	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	2074783	20.40	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.49	128	741858	20.16	ng/ul	100
13) 2-Methylnaphthalene	12.10	142	586909	19.82	ng/ul	99
14) 1-Methylnaphthalene	12.33	142	555939	19.61	ng/ul	99
18) Acenaphthylene	14.02	152	1064657	20.58	ng/ul	99
19) Acenaphthene	14.37	153	673501	20.50	ng/ul	99
22) Fluorene	15.36	166	815284	20.60	ng/ul	98
25) Phenanthrene	17.10	178	1459399	20.77	ng/ul	99
27) Anthracene	17.19	178	1506764	20.77	ng/ul	100
28) Fluoranthene	19.12	202	1937703	21.53	ng/ul	100
31) Pyrene	19.48	202	2066490	19.67	ng/ul	99
32) Benzo(a)anthracene	21.23	228	2224309	20.41	ng/ul	100
33) Chrysene	21.29	228	2076132	20.85	ng/ul	99
35) Benzo(b)fluoranthene	22.80	252	2646882	20.23	ng/ul	99
36) Benzo(k)fluoranthene	22.84	252	2501946	20.55	ng/ul	99
38) Benzo(a)pyrene	23.37	252	2555269	20.36	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.68	276	3077980	20.58	ng/ul	99
40) Dibenzo(a,h)anthracene	25.70	278	2553668	20.53	ng/ul	99
41) Benzo(g,h,i)perylene	26.37	276	2645898	20.45	ng/ul	99

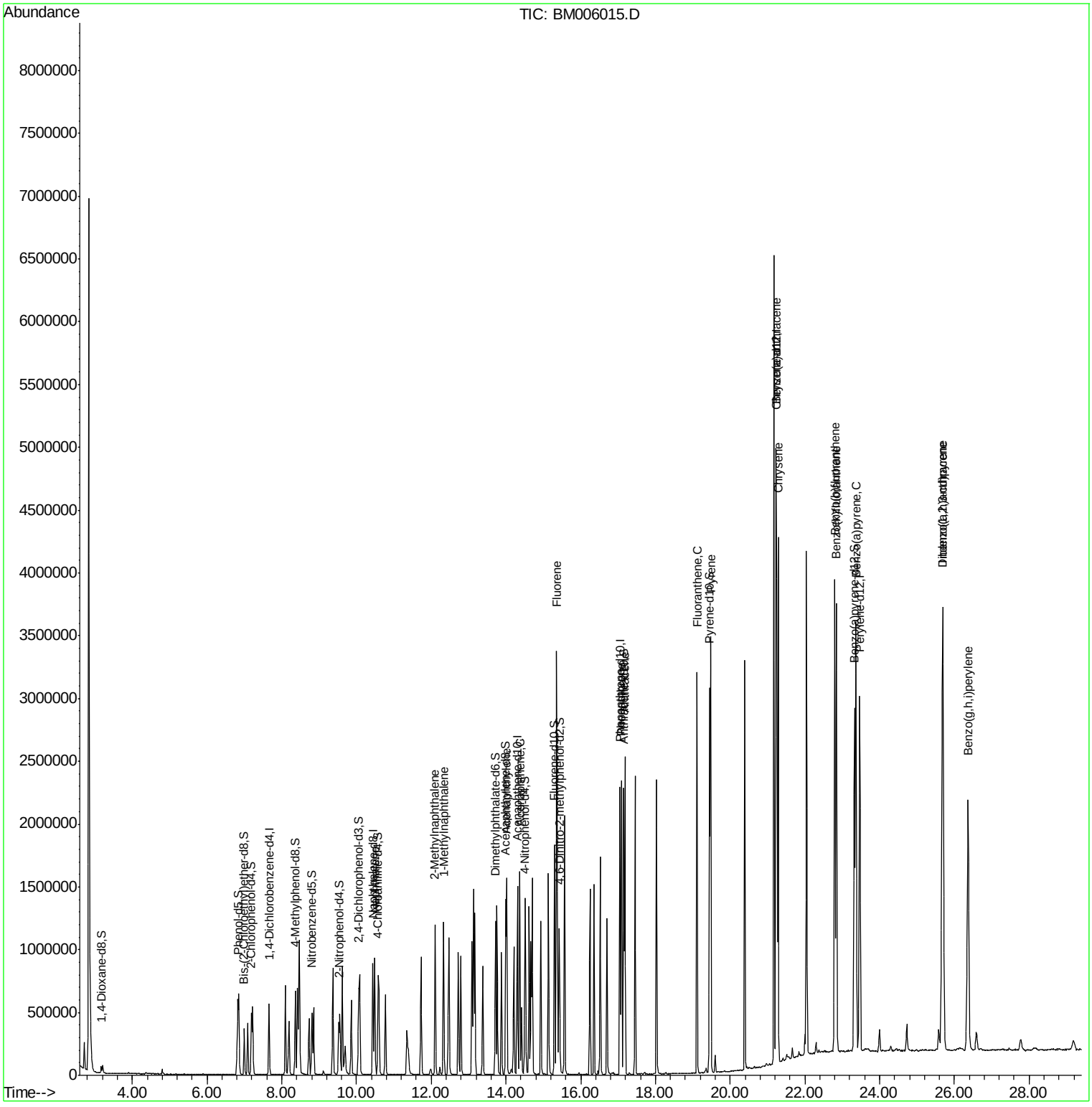
(#) = qualifier out of range (m) = manual integration (+) = signals summed

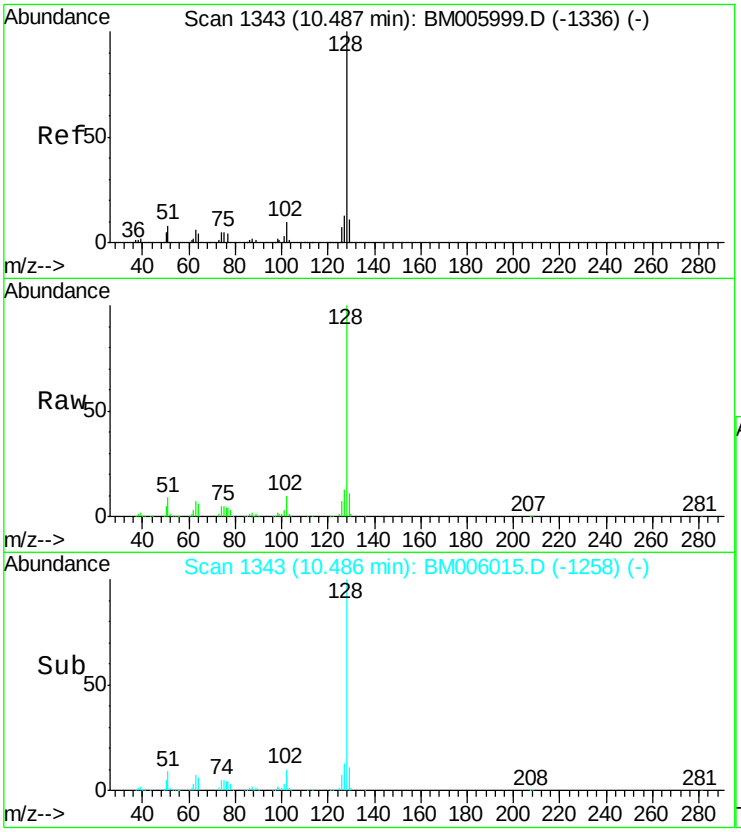
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006015.D
Acq On : 26 Jun 2016 00:01
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Quant Time: Jun 26 04:43:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:39:40 2016
Response via : Initial Calibration



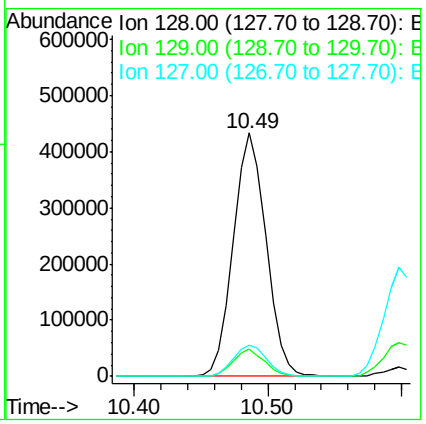


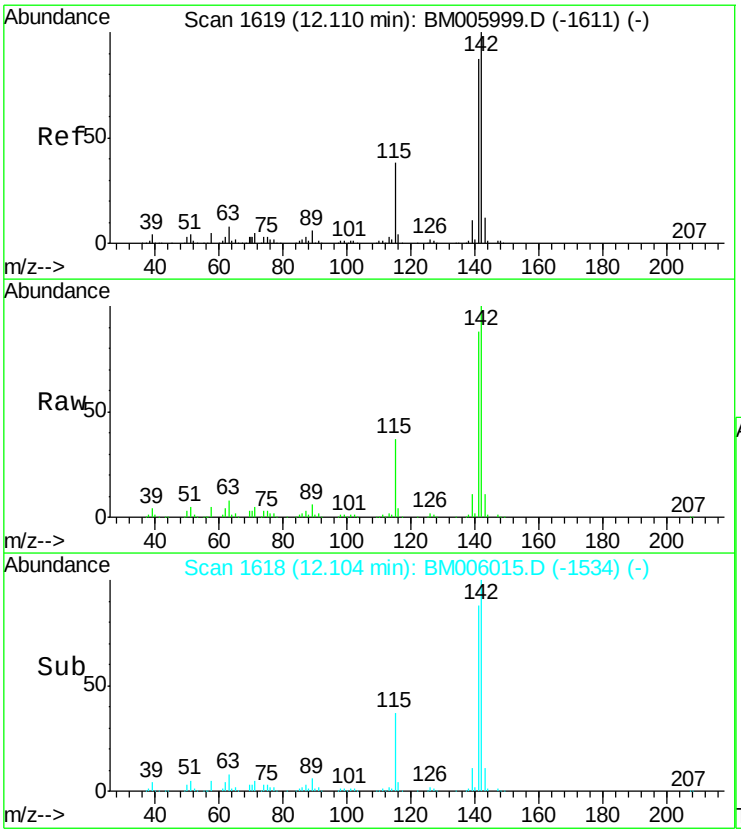
#11
Naphthalene
Concen: 20.16 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:128 Resp: 741858

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	12.9	10.2	15.4

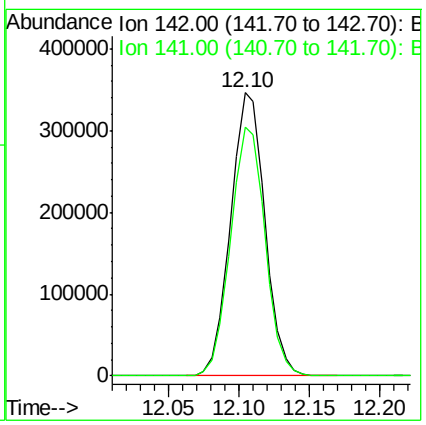


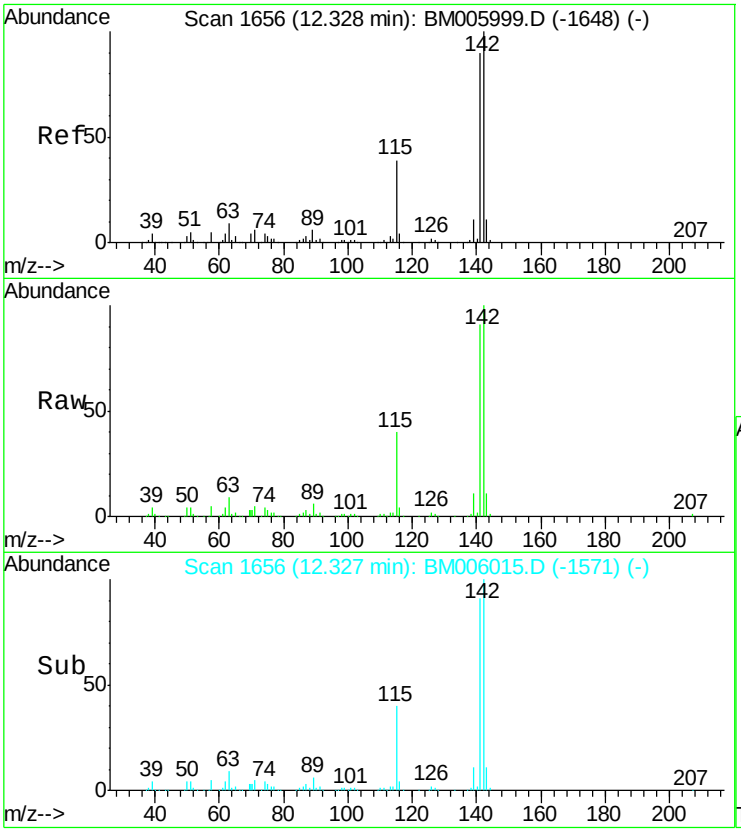


#13
2-Methylnaphthalene
Concen: 19.82 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Tgt Ion:142 Resp: 586909

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.4	104.2



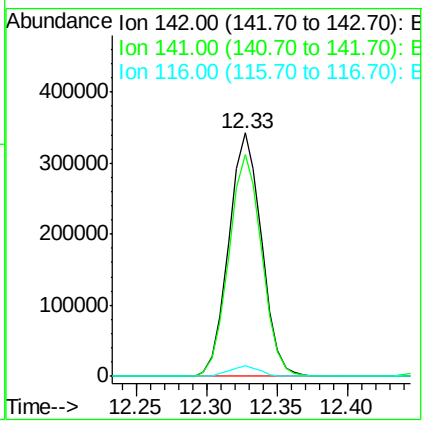


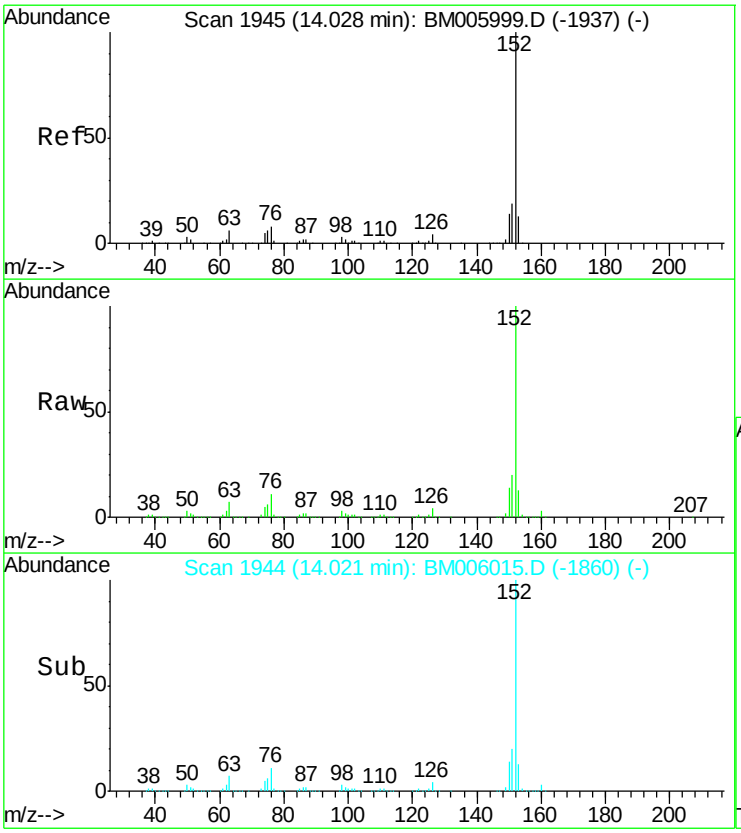
#14
1-Methylnaphthalene
Concen: 19.61 ng/ul
RT: 12.33 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:142 Resp: 555939

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.3	108.5
116	4.4	3.4	5.0

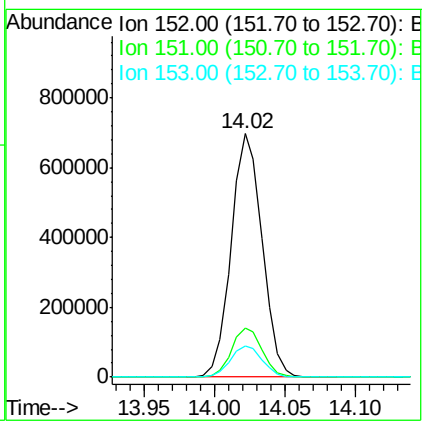


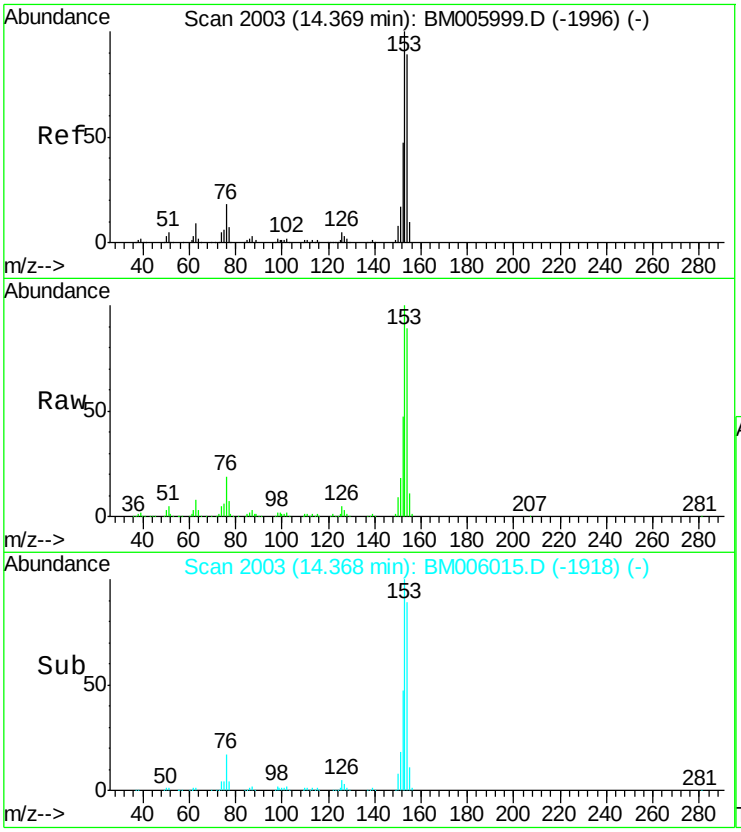


#18
Acenaphthylene
Concen: 20.58 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Tgt Ion:152 Resp: 1064657

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.5	23.3
153	13.0	10.5	15.7



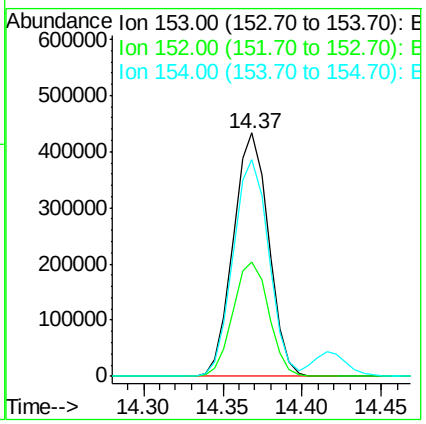


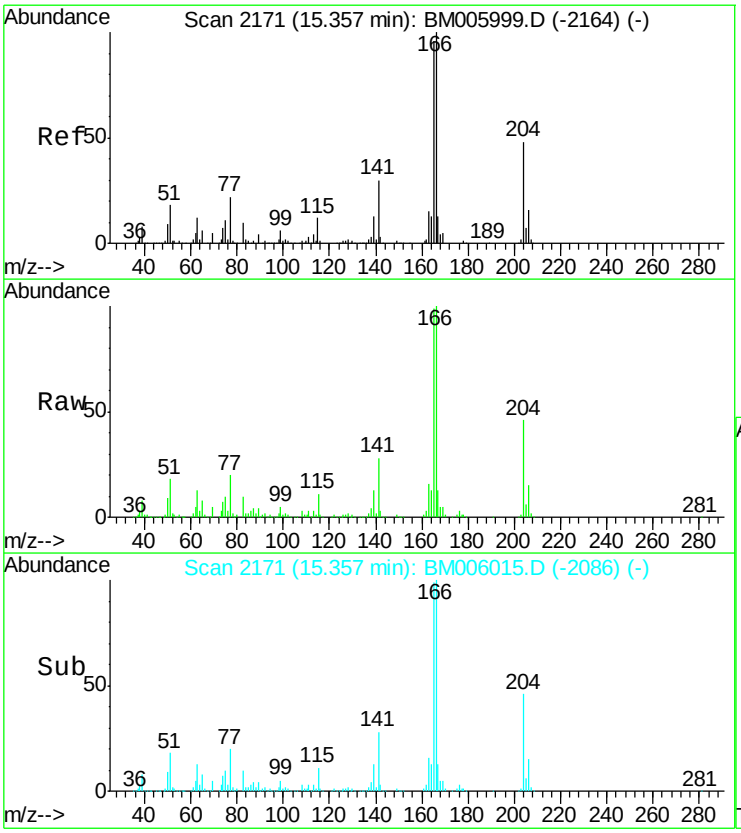
#19
Acenaphthene
Concen: 20.50 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:153 Resp: 673501

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.6	57.8
154	89.1	70.7	106.1

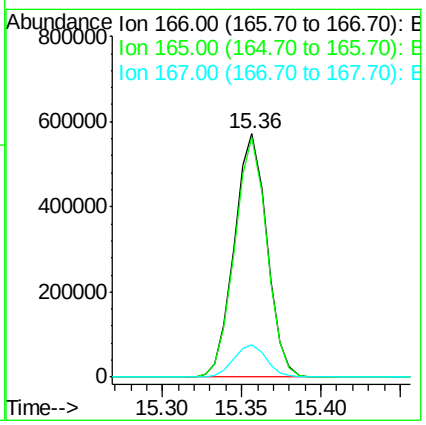


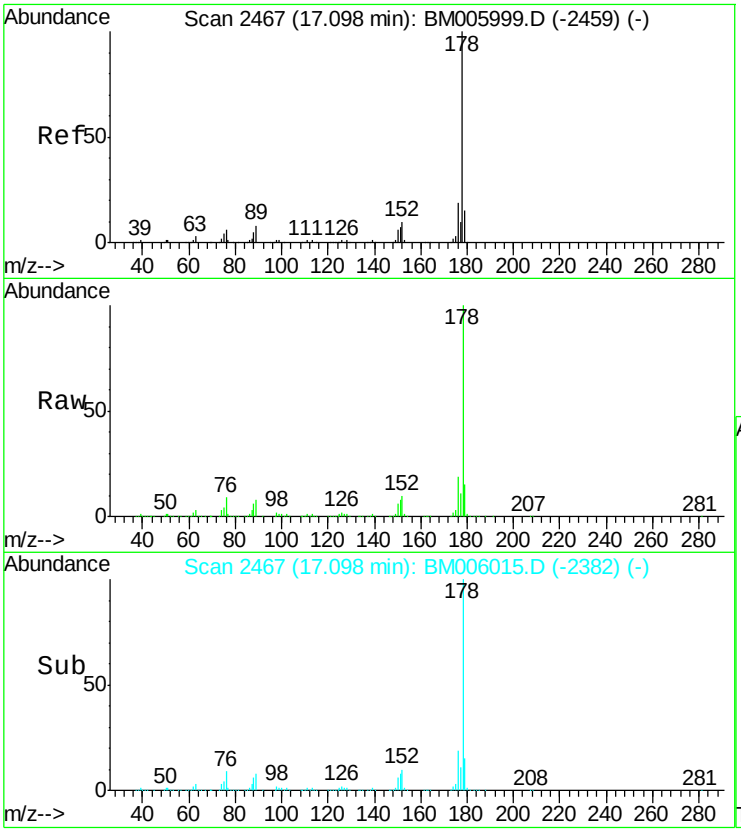


#22
Fluorene
Concen: 20.60 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Tgt Ion:166 Resp: 815284

Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.8	115.2
167	13.4	10.8	16.2



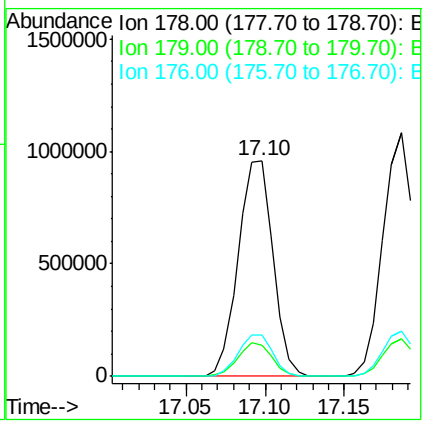


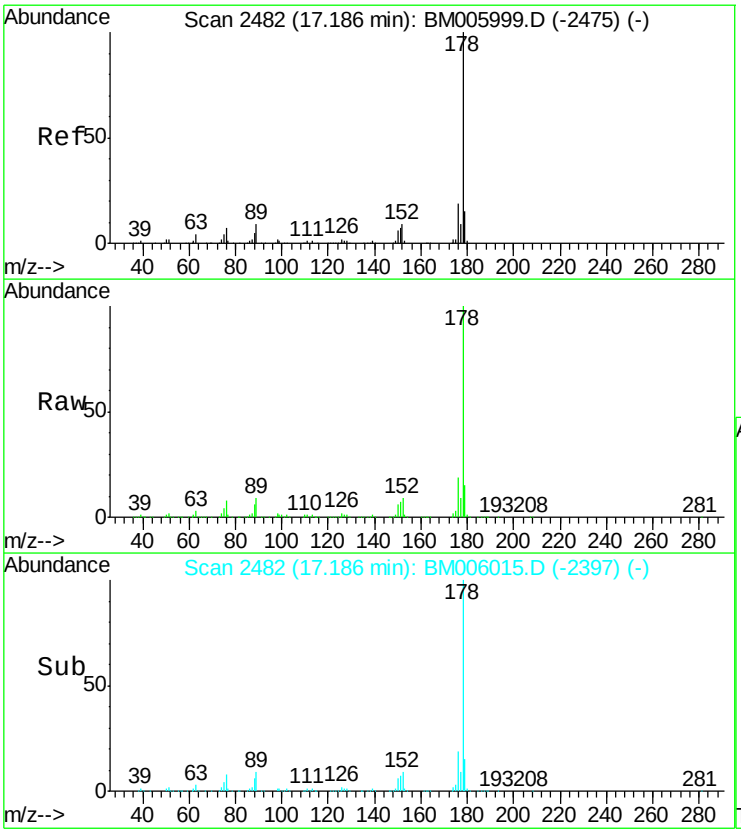
#25
Phenanthrene
Concen: 20.77 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:178 Resp: 1459399

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.1	18.1
176	19.0	15.4	23.0

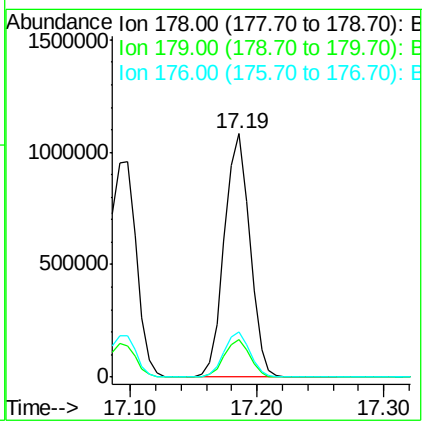


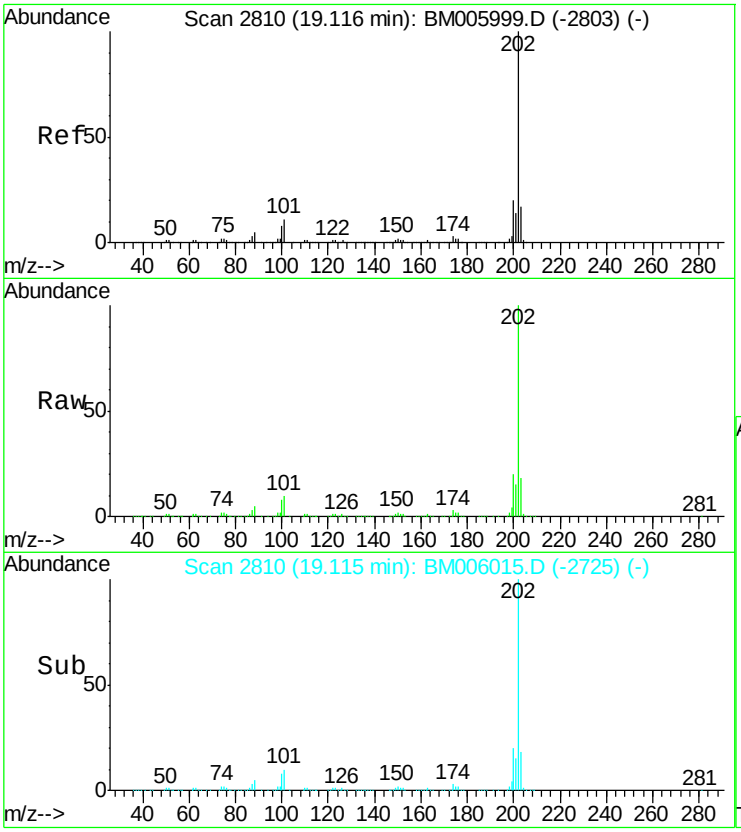


#27
Anthracene
Concen: 20.77 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Tgt Ion:178 Resp: 1506764

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.6	14.9	22.3



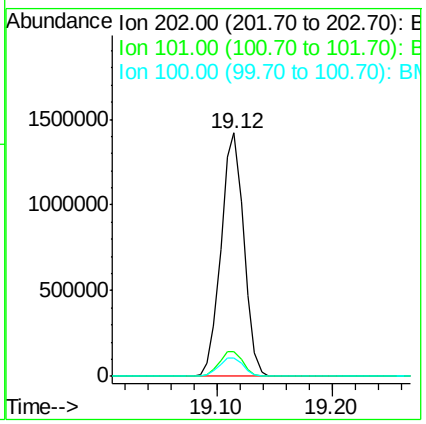


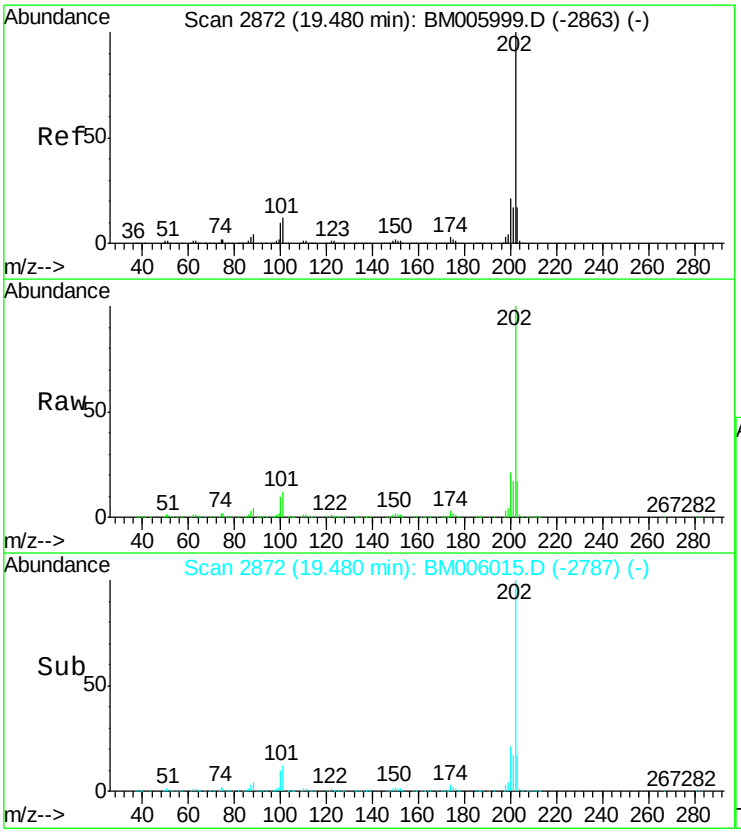
#28
Fluoranthene
Concen: 21.53 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:202 Resp: 1937703

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.4
100	7.7	6.3	9.5

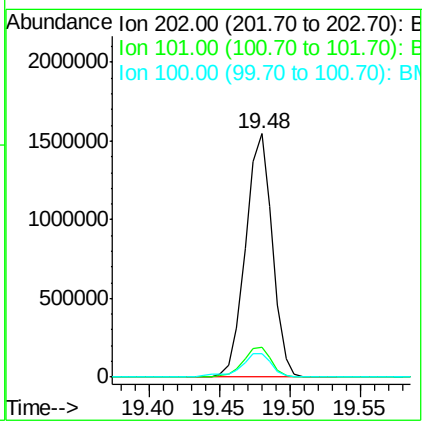


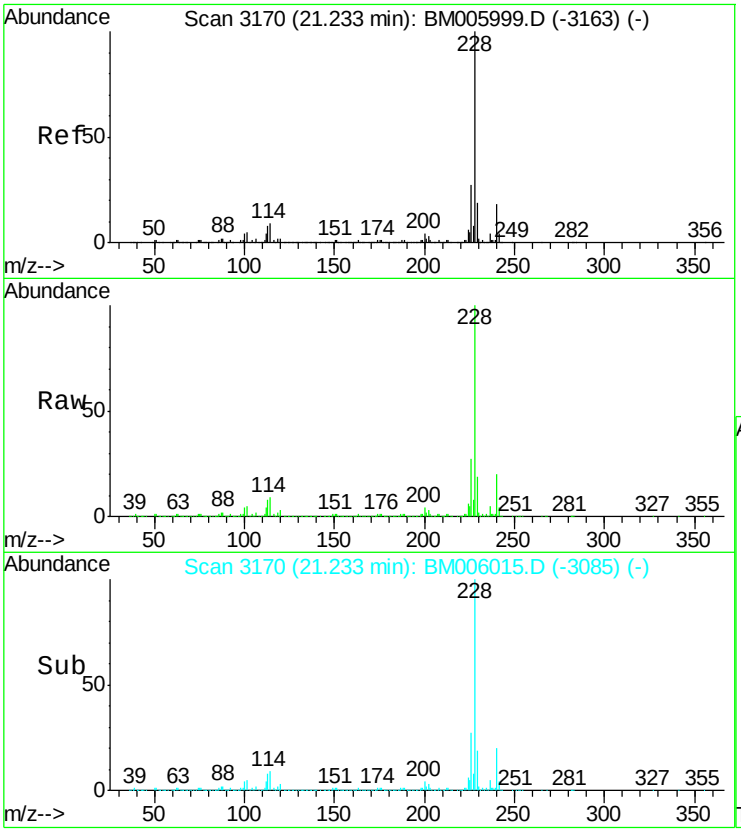


#31
Pyrene
Concen: 19.67 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Tgt Ion:202 Resp: 2066490

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.6
100	9.7	8.2	12.2



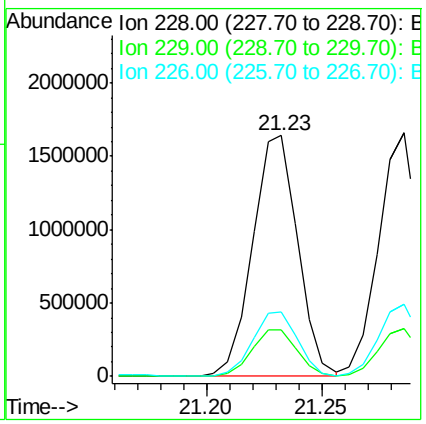


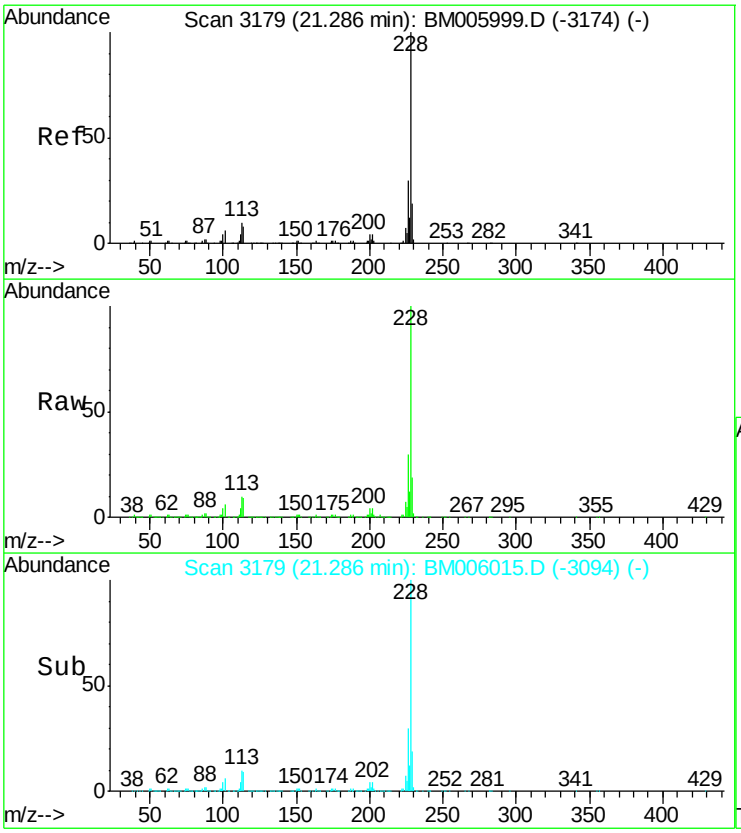
#32
Benzo(a)anthracene
Concen: 20.41 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:228 Resp: 2224309

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.6
226	27.0	21.5	32.3

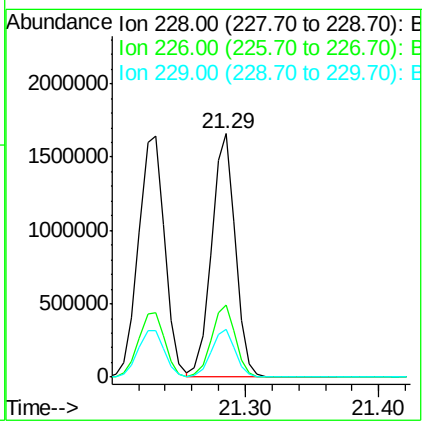


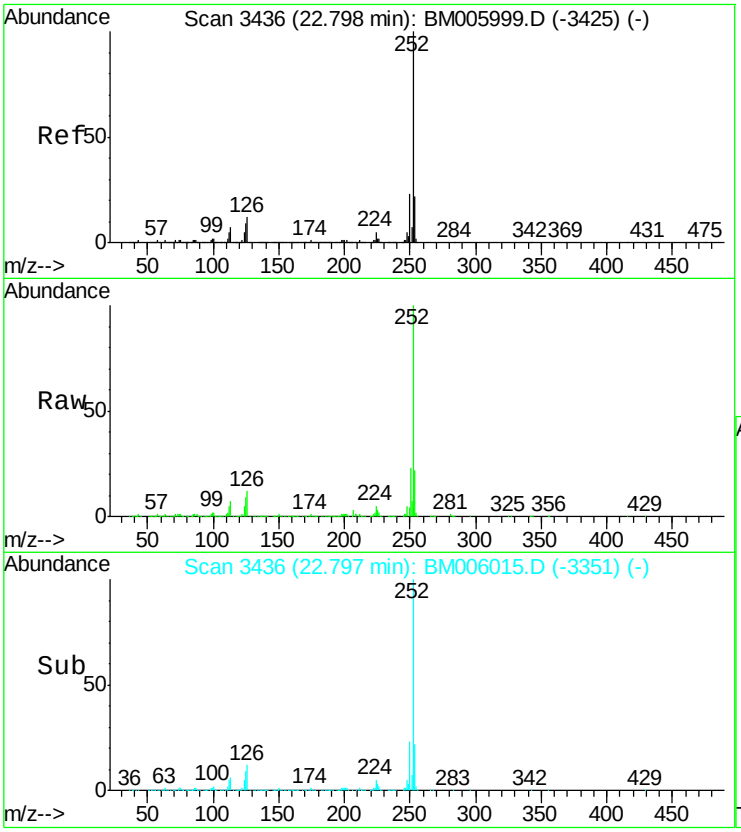


#33
Chrysene
Concen: 20.85 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Tgt Ion:228 Resp: 2076132

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.4	15.4	23.2



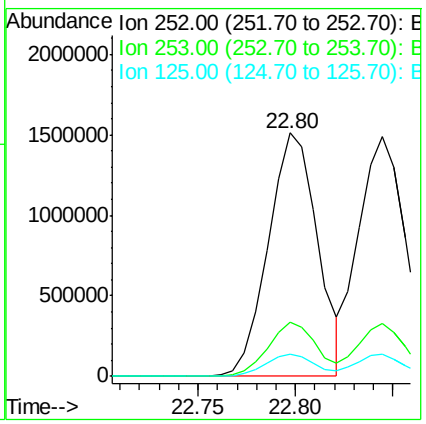


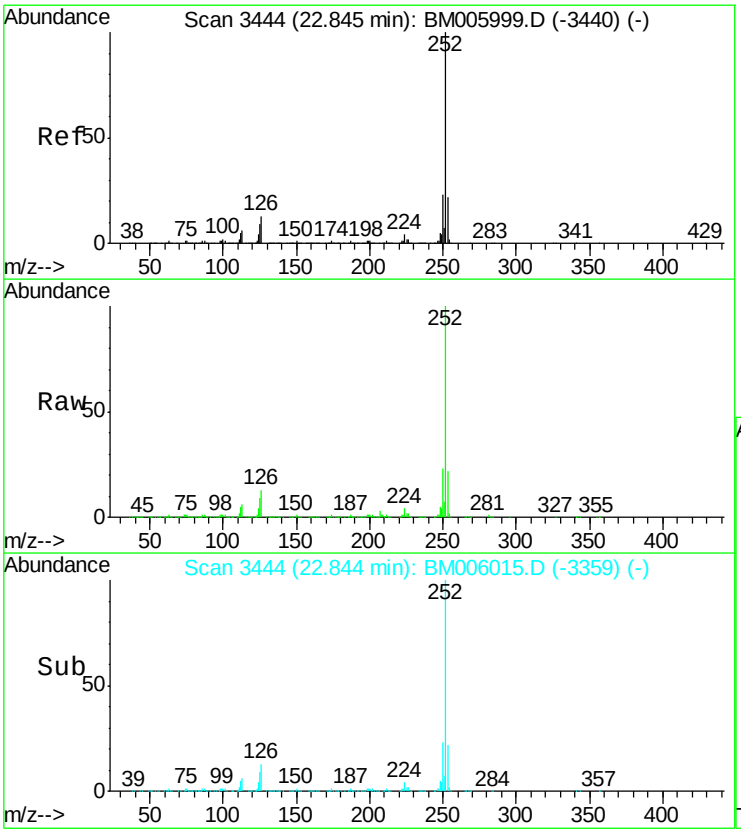
#35
Benzo(b)fluoranthene
Concen: 20.23 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:252 Resp: 2646882

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.1	6.8	10.2

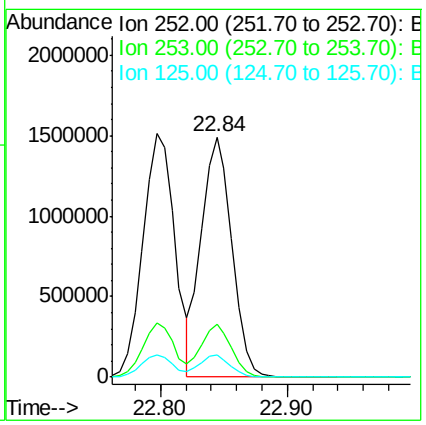


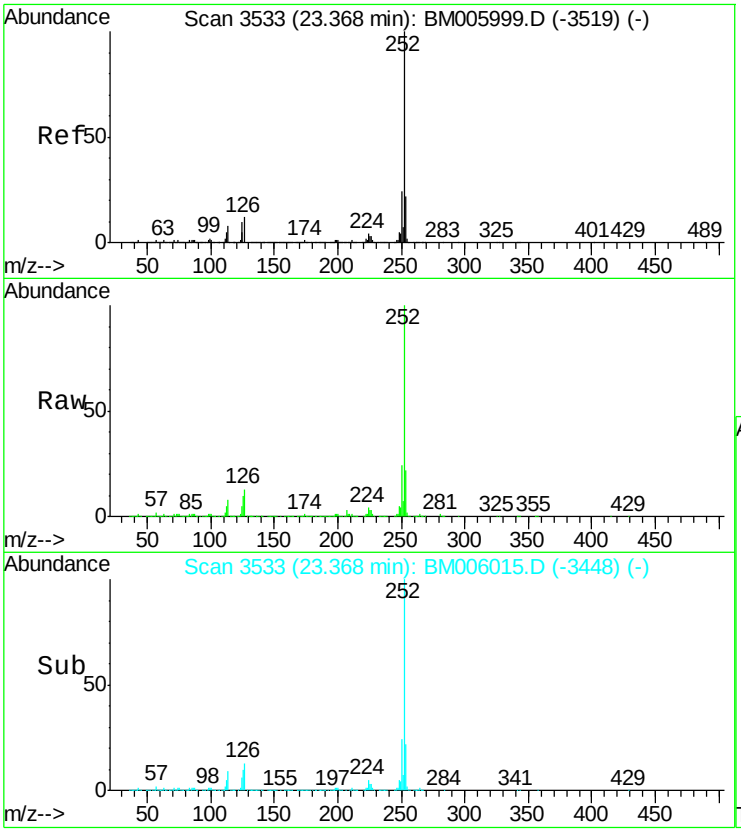


#36
Benzo(k)fluoranthene
Concen: 20.55 ng/ul
RT: 22.84 min Scan# 3444
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Tgt Ion:252 Resp: 2501946

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.1	7.0	10.4



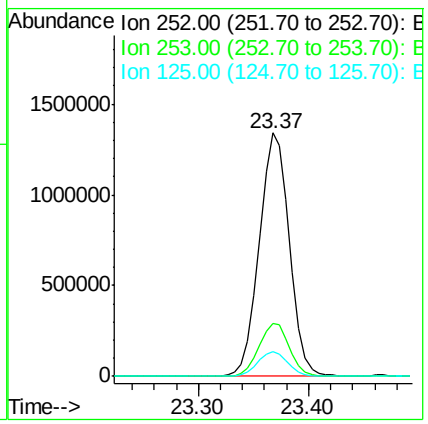


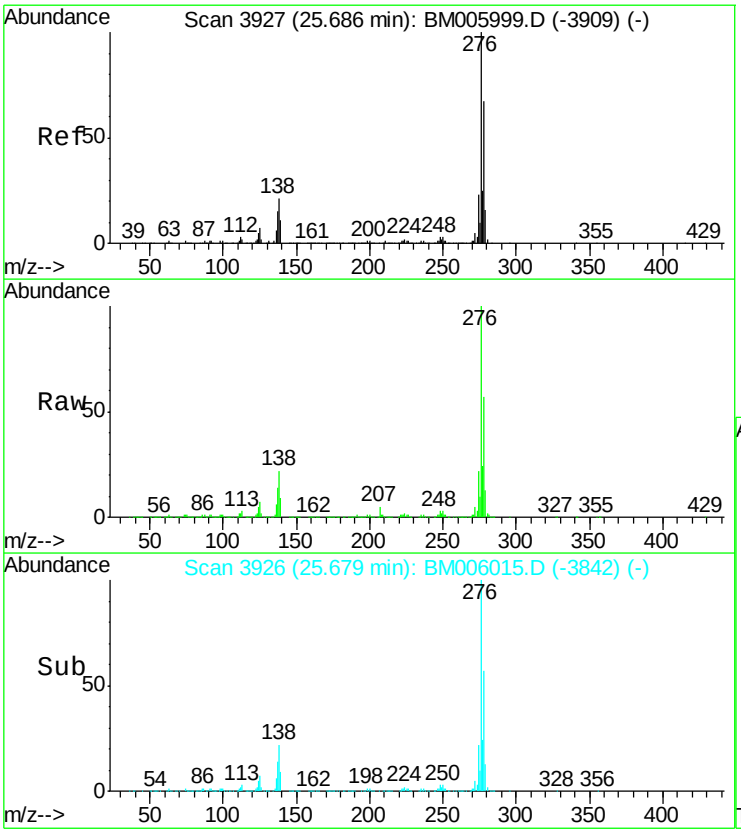
#38
Benzo(a)pyrene
Concen: 20.36 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:252 Resp: 2555269

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.1	7.8	11.6

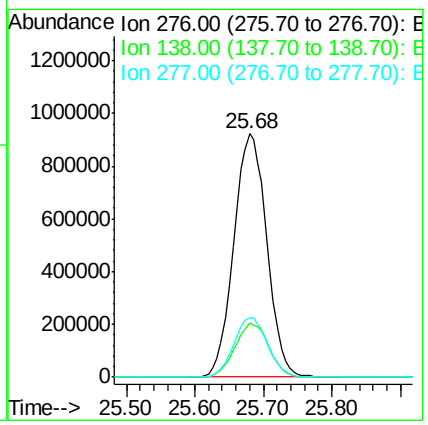


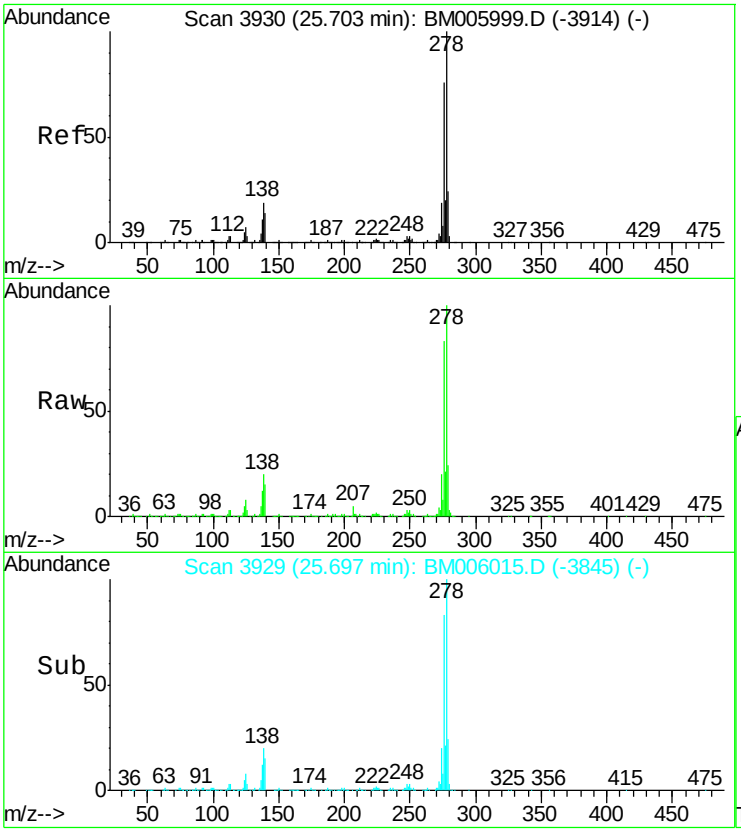


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.58 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Tgt Ion:276 Resp: 3077980

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.6	25.0
277	24.4	19.6	29.4



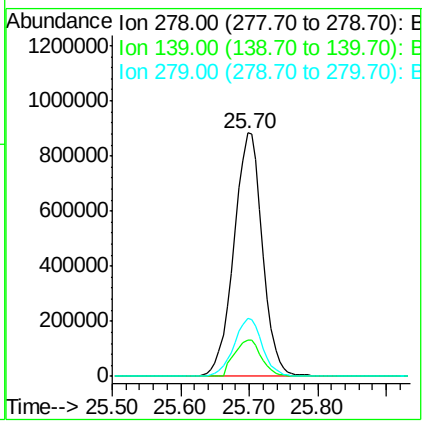


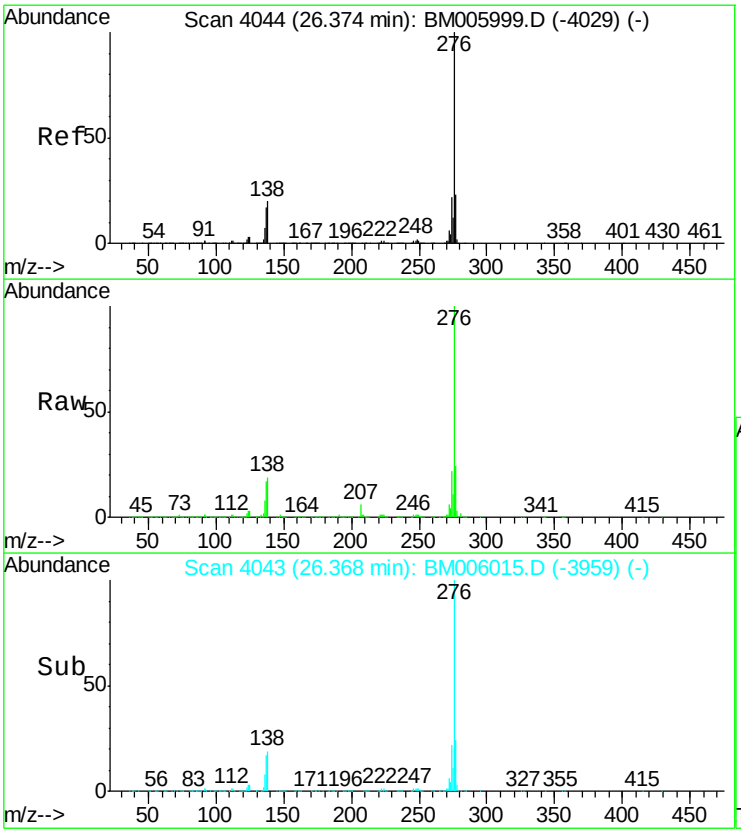
#40
Dibenzo(a,h)anthracene
Concen: 20.53 ng/ul
RT: 25.70 min Scan# 3929
Delta R.T. -0.01 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:278 Resp: 2553668

Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.4	17.2
279	24.0	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 20.45 ng/ul
RT: 26.37 min Scan# 4043
Delta R.T. -0.01 min
Lab File: BM006015.D
Acq: 26 Jun 2016 00:01

Tgt Ion:276 Resp: 2645898

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.9	23.9
277	24.2	19.2	28.8