Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM005999.D
Acq On : 25 Jun 2016 13:50
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02065

Quant Time: Jun 26 04:38:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:36:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	183129	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	979359	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	691048	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1756747	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	2098850	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2331271	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	34208	8.34	ng/uL	0.00
3) Phenol-d5	6.83	99	383148	19.89	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	221706	20.69	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	271139	20.21	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	331668	20.40	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	150727	20.21	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	171631	20.69	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	326189	20.50	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	422974	24.50	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1180511	19.96	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1418098	20.67	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	256422	20.32	ng/ul	0.00
21) Fluorene-d10	15.30	176	1014364	20.08	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	206402	21.16	ng/ul	0.00
26) Anthracene-d10	17.15	188	1659167	20.56	ng/ul	0.00
30) Pyrene-d10	19.45	212	1941899	21.12	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	2190042	20.81	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.49	128	996800	20.37	ng/ul	100
13) 2-Methylnaphthalene	12.11	142	807628	20.51	ng/ul	100
14) 1-Methylnaphthalene	12.33	142	767022	20.35	ng/ul	100
18) Acenaphthylene	14.03	152	1479866	20.46	ng/ul	100
19) Acenaphthene	14.37	153	934838	20.34	ng/ul	99
22) Fluorene	15.36	166	1114373	20.13	ng/ul	100
25) Phenanthrene	17.10	178	1975942	20.91	ng/ul	99
27) Anthracene	17.19	178	2018605	20.69	ng/ul	100
28) Fluoranthene	19.12	202	2435505	20.12	ng/ul	99
31) Pyrene	19.48	202	2542631	21.16	ng/ul	99
32) Benzo(a)anthracene	21.23	228	2551177	20.46	ng/ul	99
33) Chrysene	21.29	228	2354292	20.67	ng/ul	99
35) Benzo(b)fluoranthene	22.80	252	2808858	20.74	ng/ul	99
36) Benzo(k)fluoranthene	22.84	252	2665188	21.15	ng/ul	99
38) Benzo(a)pyrene	23.37	252	2723991	20.97	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.69	276	3138567	20.27	ng/ul	99
40) Dibenzo(a,h)anthracene	25.70	278	2594028	20.15	ng/ul	100
41) Benzo(g,h,i)perylene	26.37	276	2668566	19.93	ng/ul	99

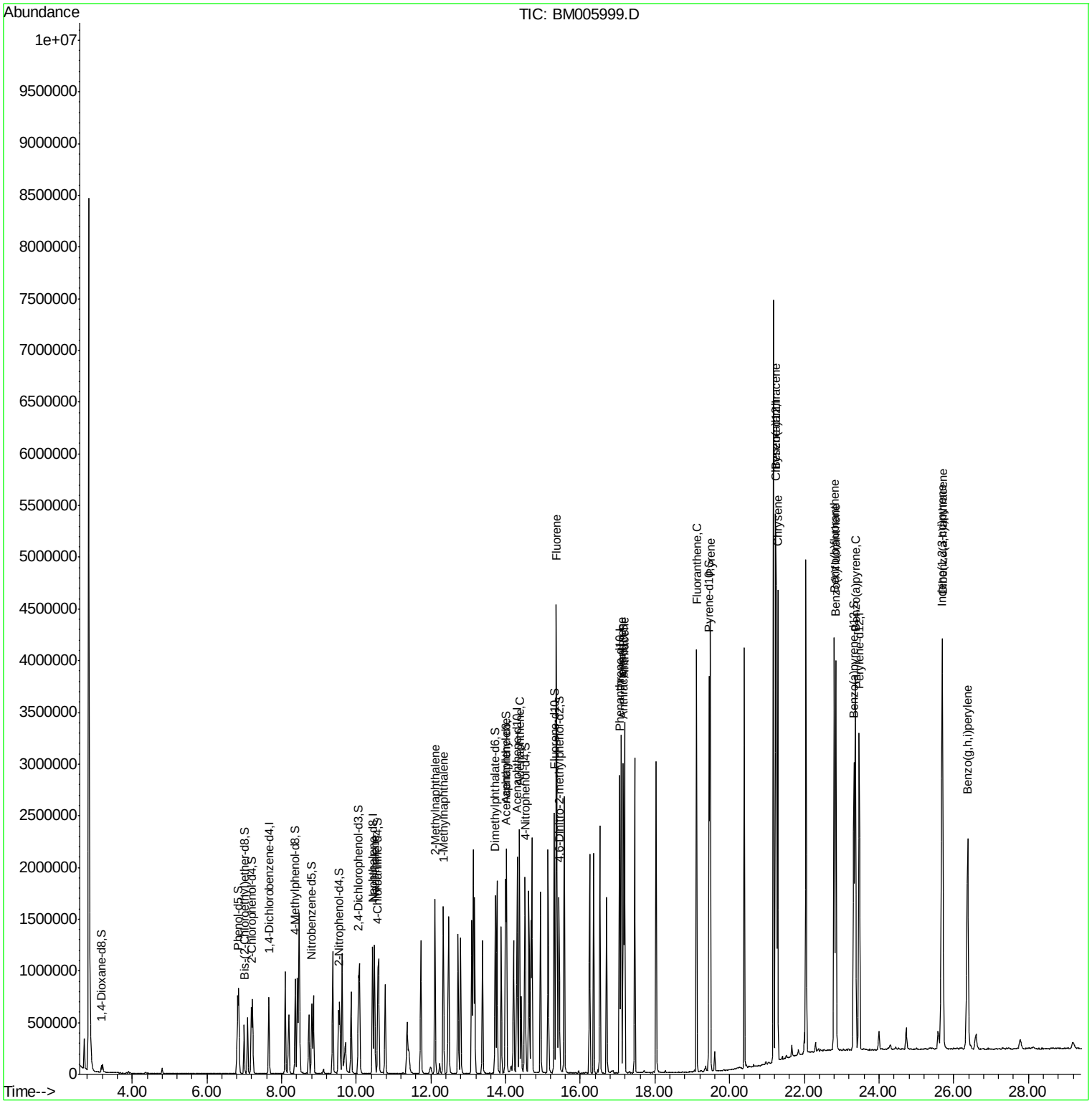
(#) = qualifier out of range (m) = manual integration (+) = signals summed

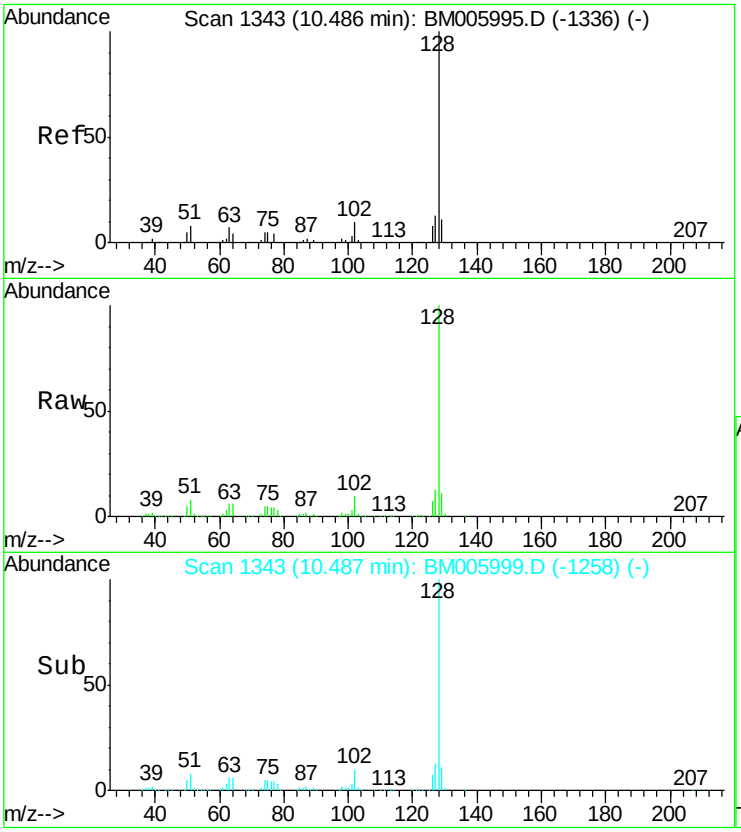
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM005999.D
Acq On : 25 Jun 2016 13:50
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Quant Time: Jun 26 04:38:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:36:42 2016
Response via : Initial Calibration



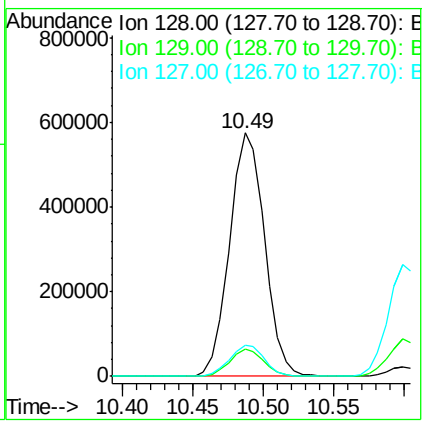


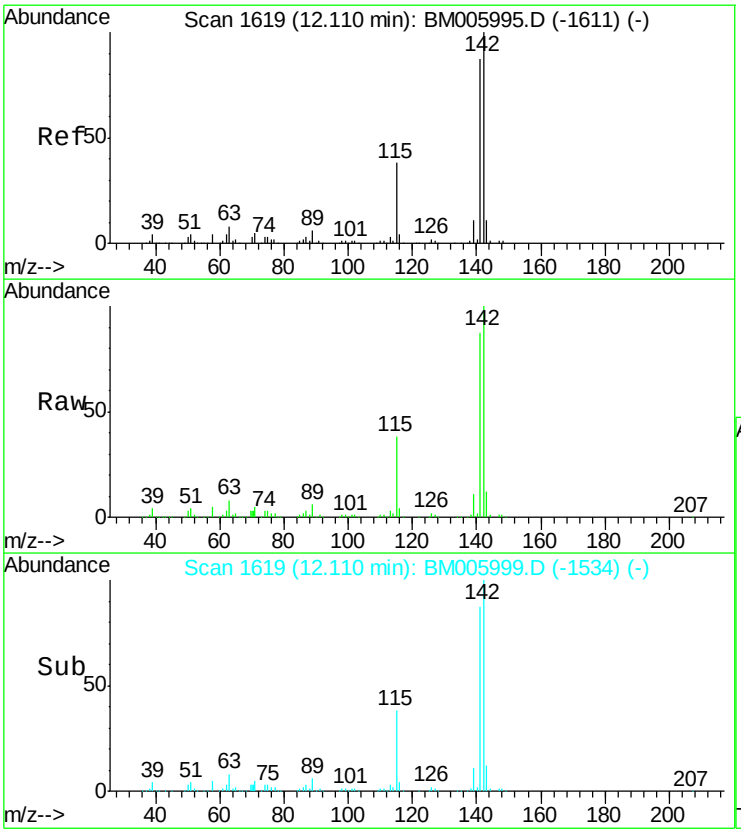
#11
Naphthalene
Concen: 20.37 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:128 Resp: 996800

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.7	10.2	15.4

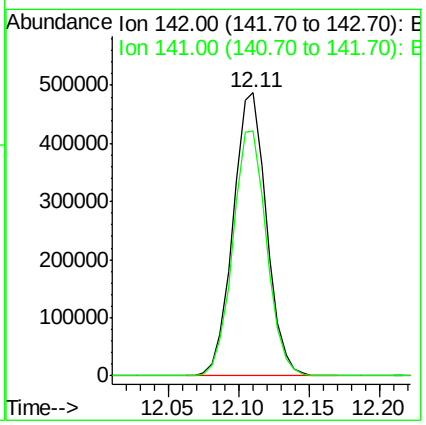


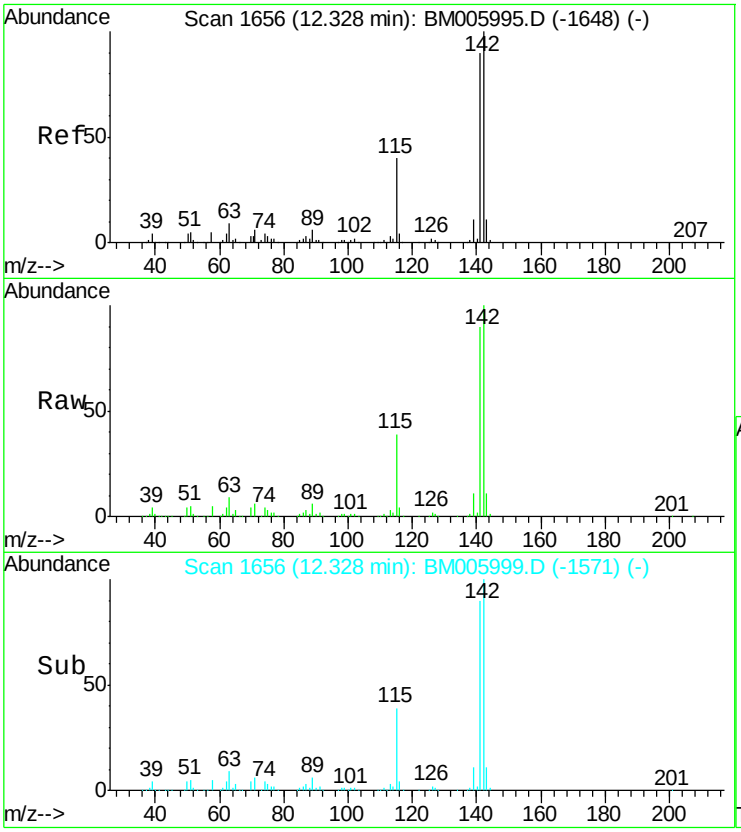


#13
2-Methylnaphthalene
Concen: 20.51 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Tgt Ion:142 Resp: 807628

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.4	104.2



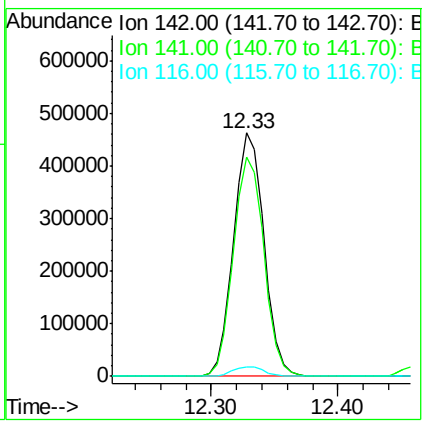


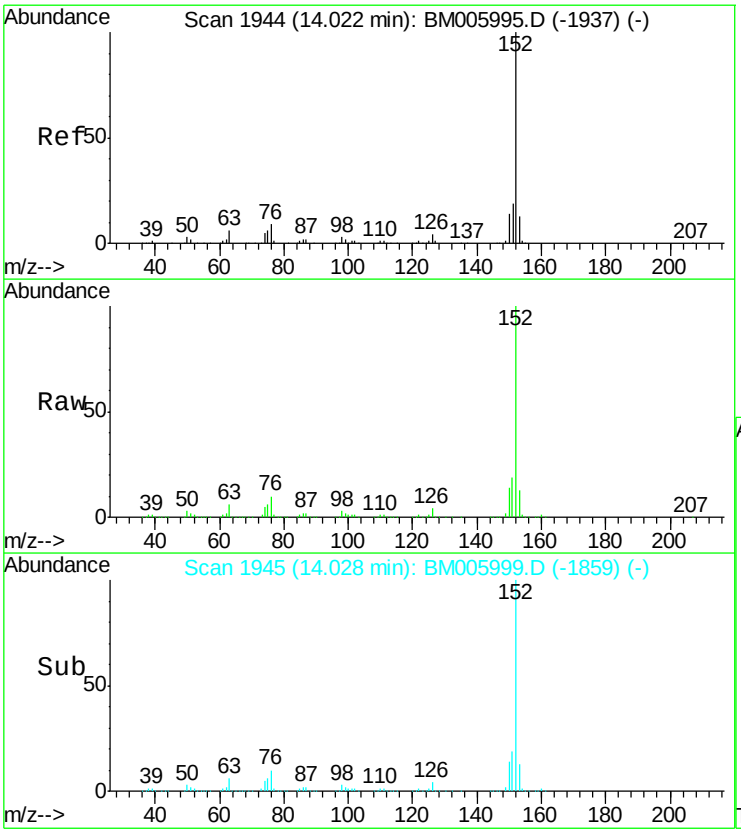
#14
1-Methylnaphthalene
Concen: 20.35 ng/ul
RT: 12.33 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:142 Resp: 767022

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
116	4.1	3.4	5.0

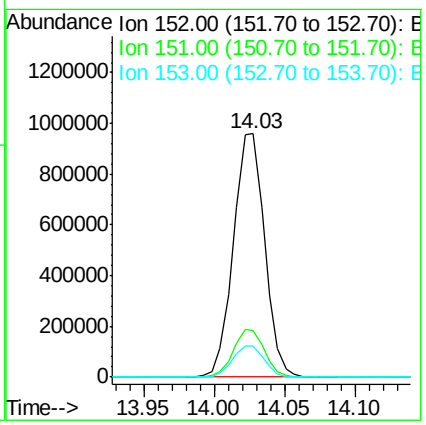


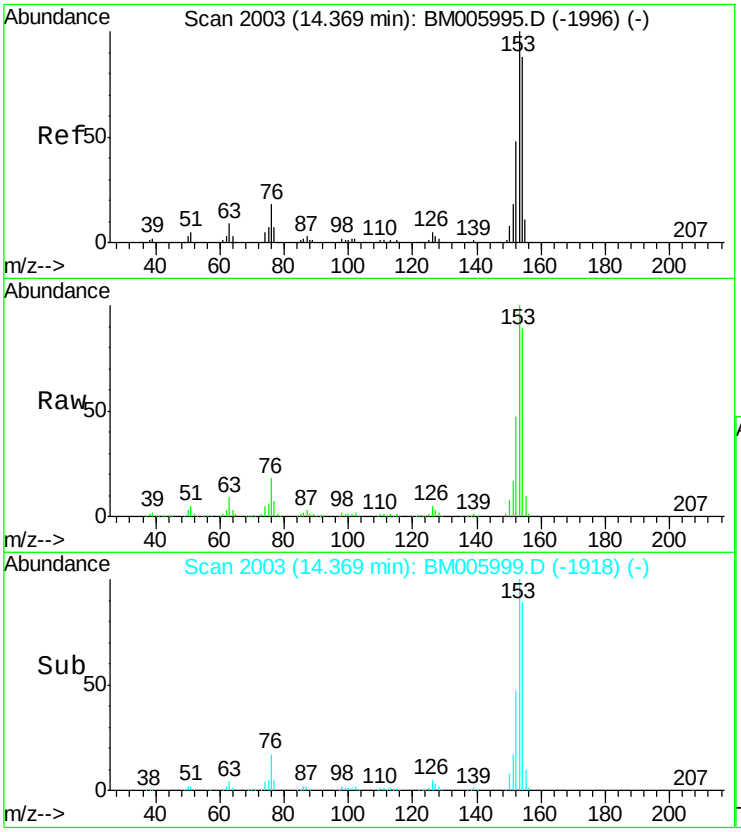


#18
Acenaphthylene
Concen: 20.46 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Tgt Ion:152 Resp: 1479866

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.0	10.5	15.7



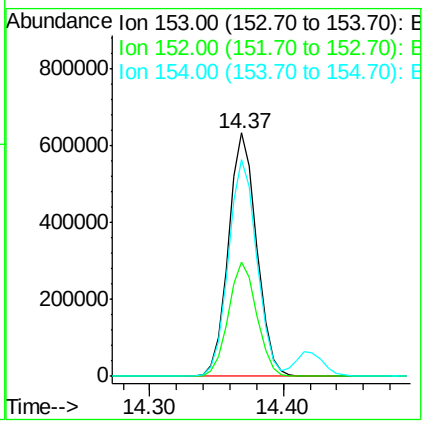


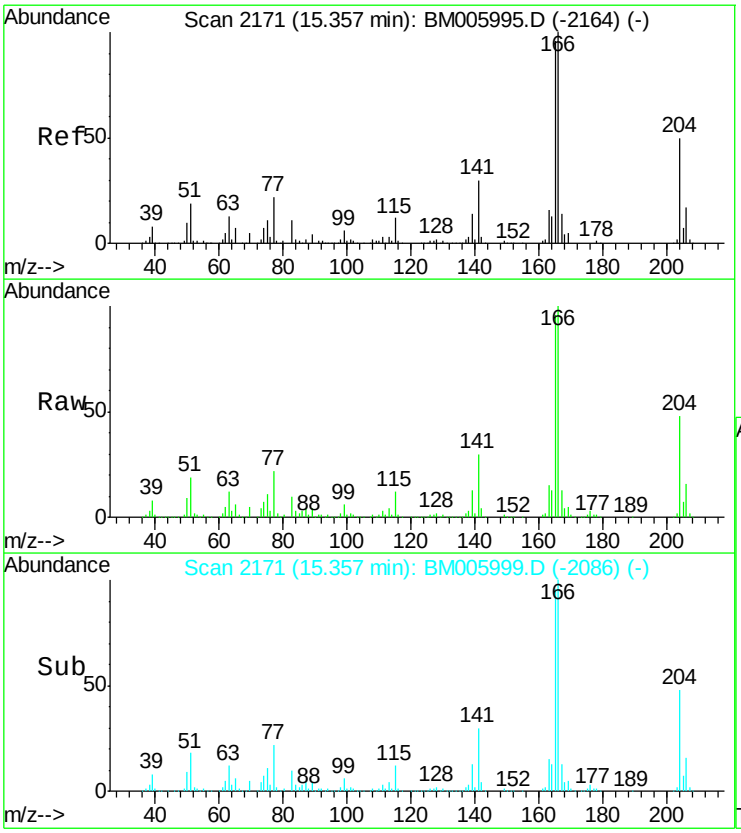
#19
Acenaphthene
Concen: 20.34 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:153 Resp: 934838

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.6	57.8
154	89.1	70.7	106.1

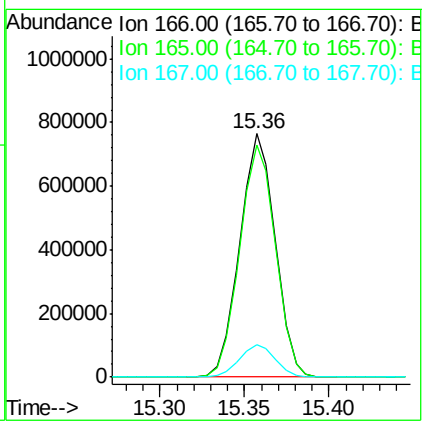


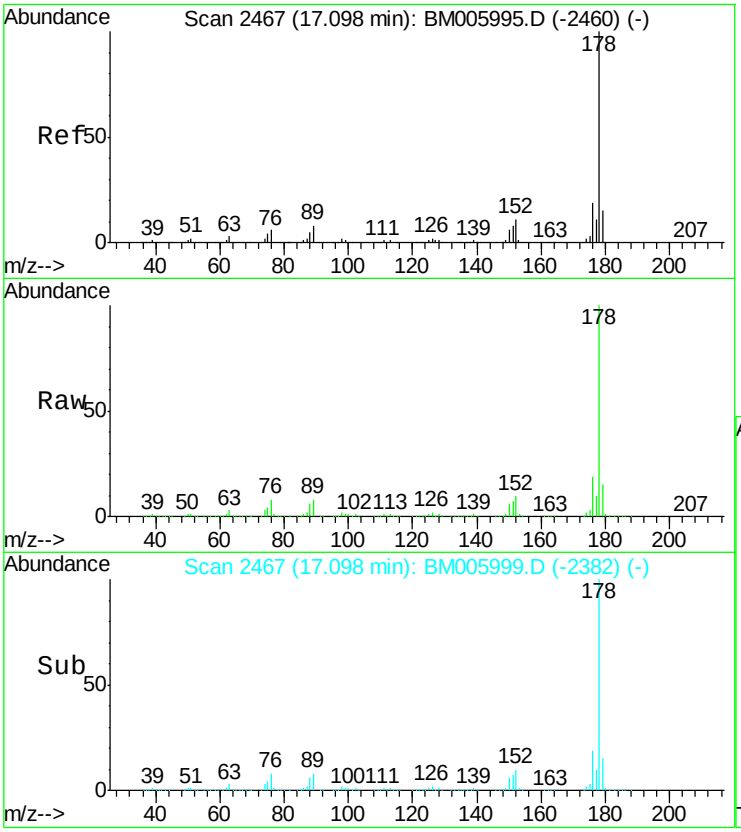


#22
Fluorene
Concen: 20.13 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Tgt Ion:166 Resp: 1114373

Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.8	115.2
167	13.5	10.8	16.2



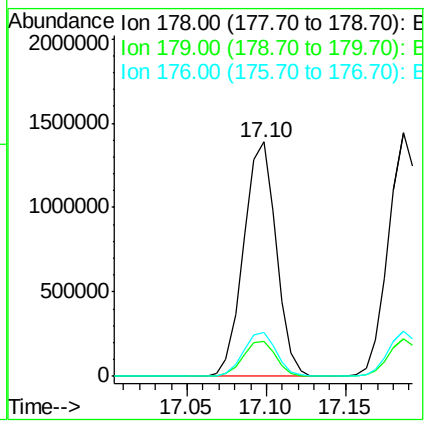


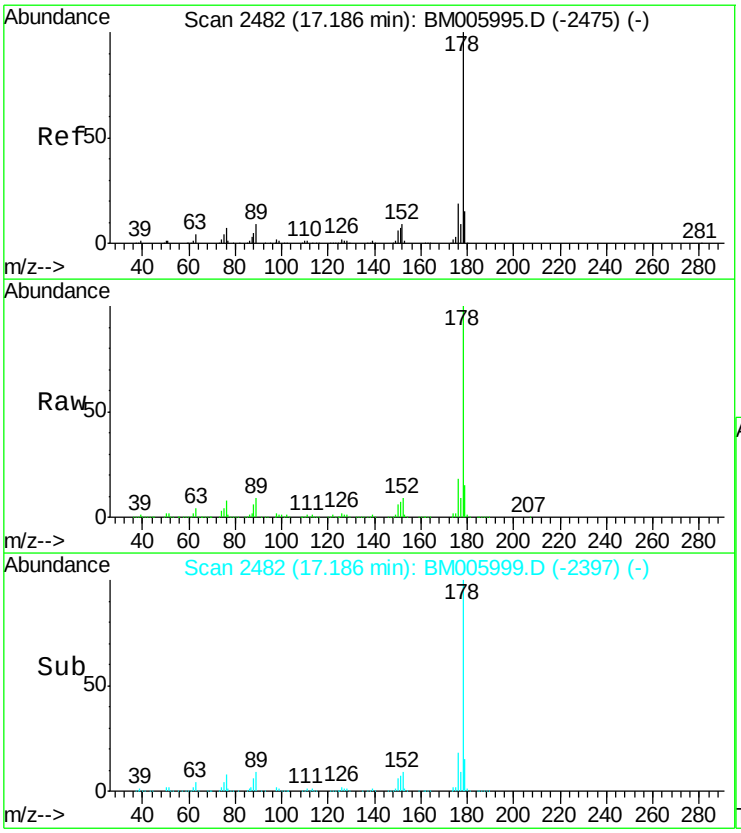
#25
Phenanthrene
Concen: 20.91 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:178 Resp: 1975942

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.1	18.1
176	18.8	15.4	23.0

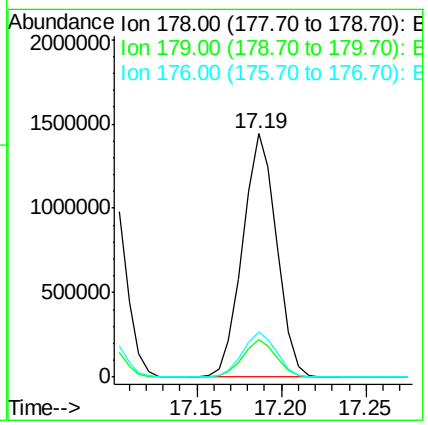


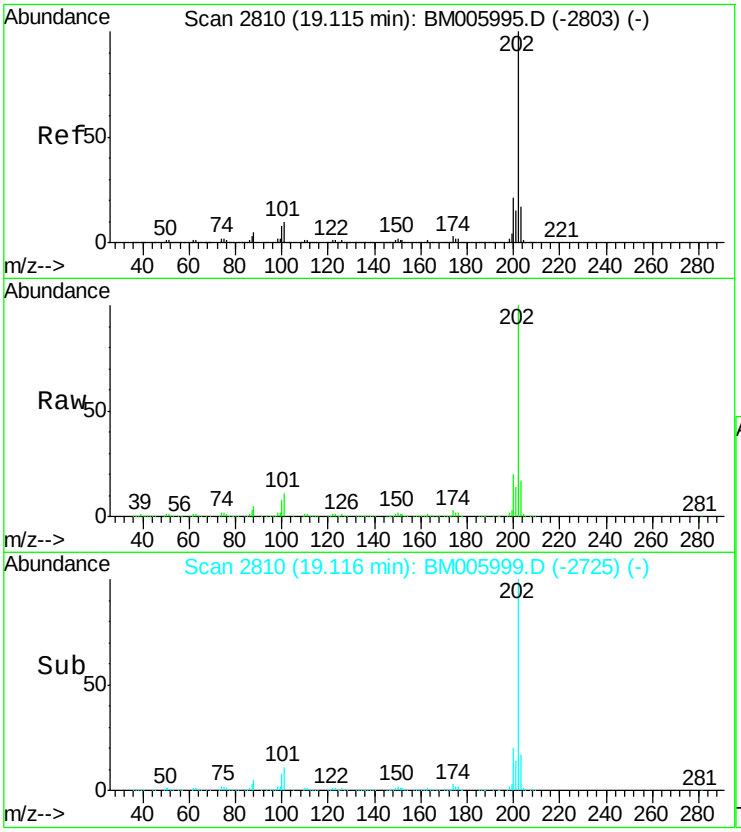


#27
Anthracene
Concen: 20.69 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Tgt Ion:178 Resp: 2018605

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.5	14.9	22.3



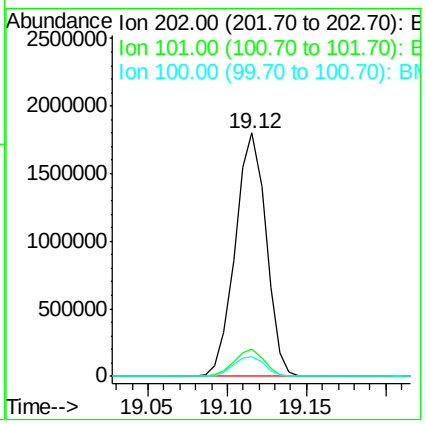


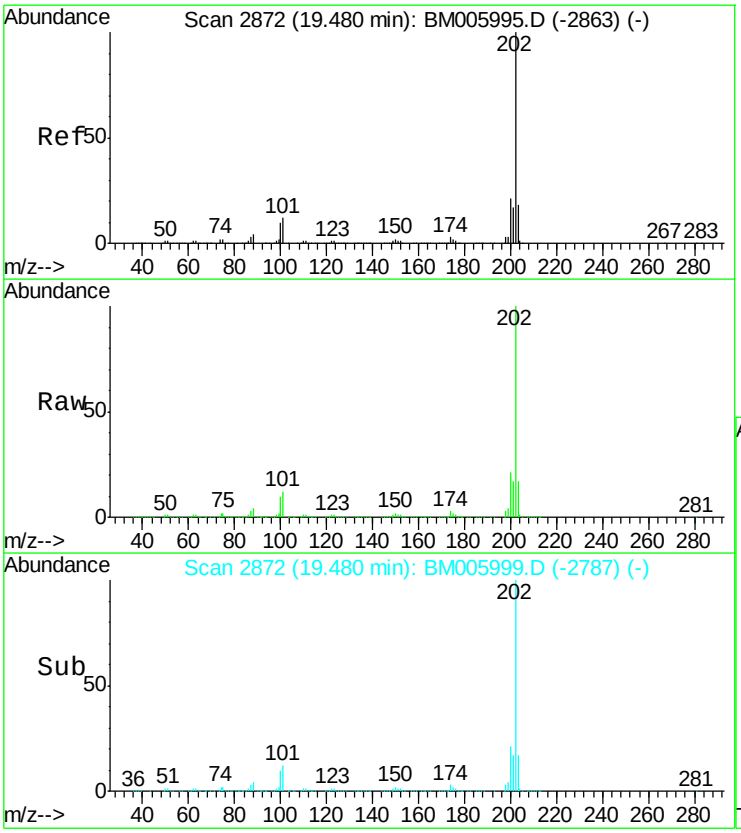
#28
Fluoranthene
Concen: 20.12 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:202 Resp: 2435505

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.2	12.4
100	8.0	6.3	9.5

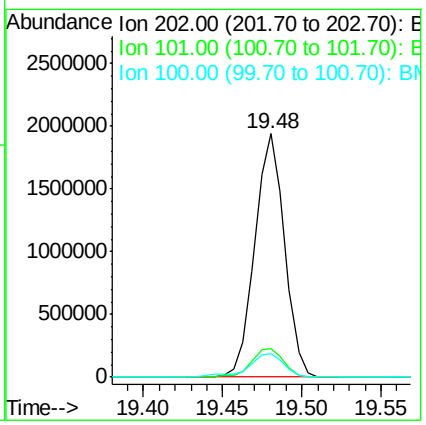


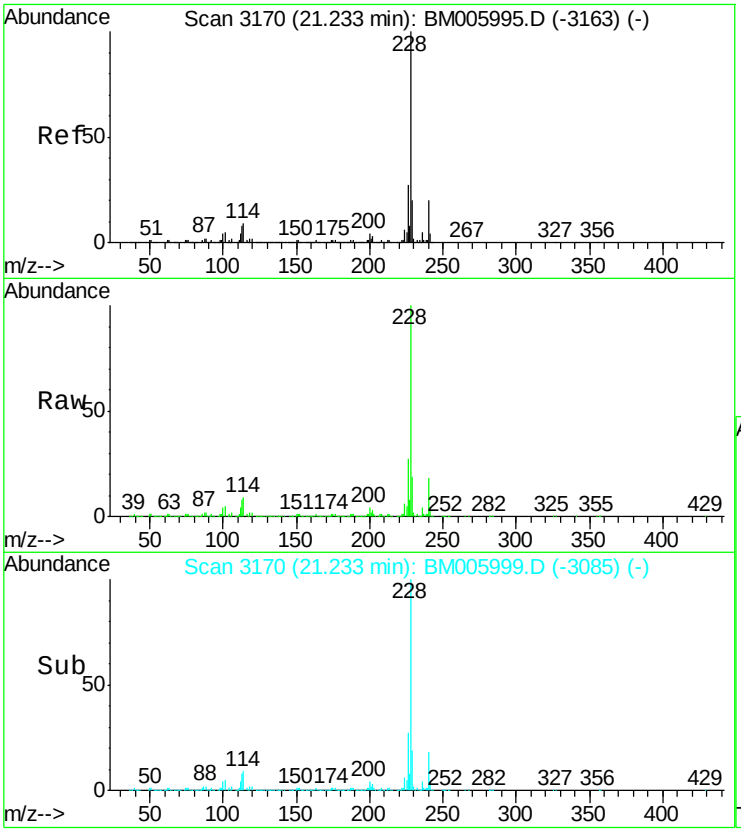


#31
Pyrene
Concen: 21.16 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Tgt Ion:202 Resp: 2542631

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
100	9.7	8.2	12.2



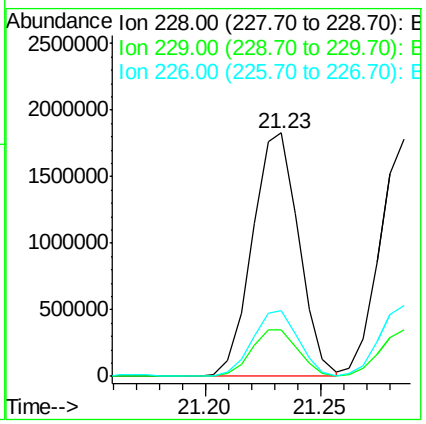


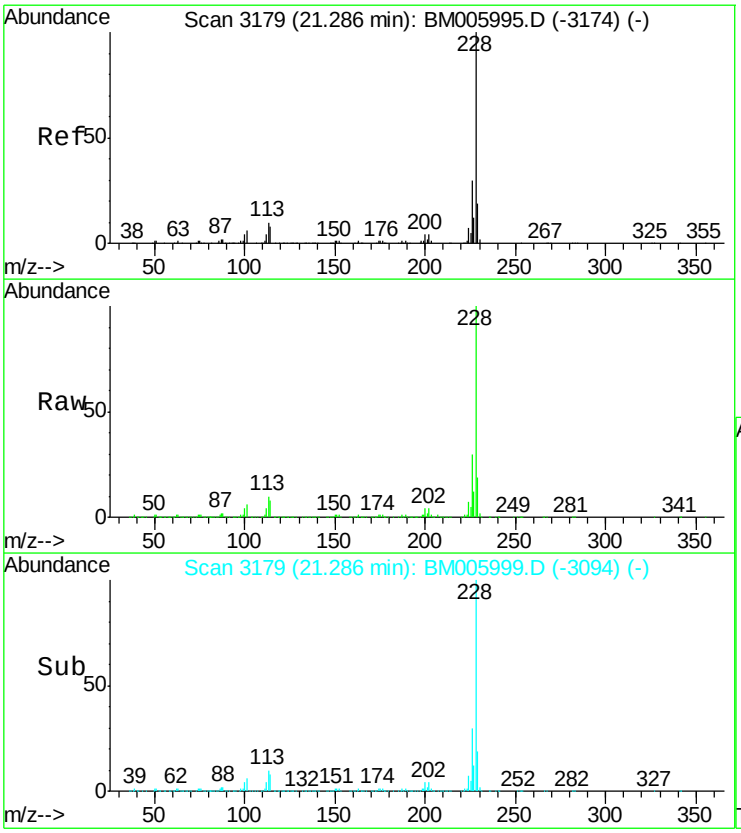
#32
Benzo(a)anthracene
Concen: 20.46 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:228 Resp: 2551177

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.8	23.6
226	26.7	21.5	32.3

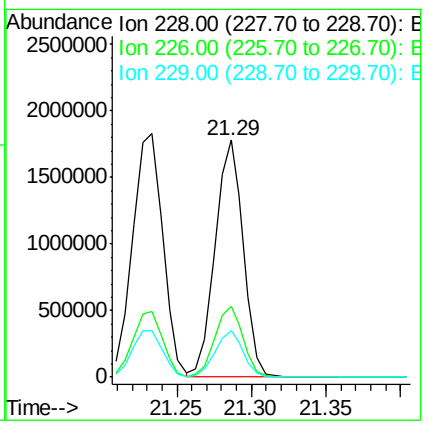


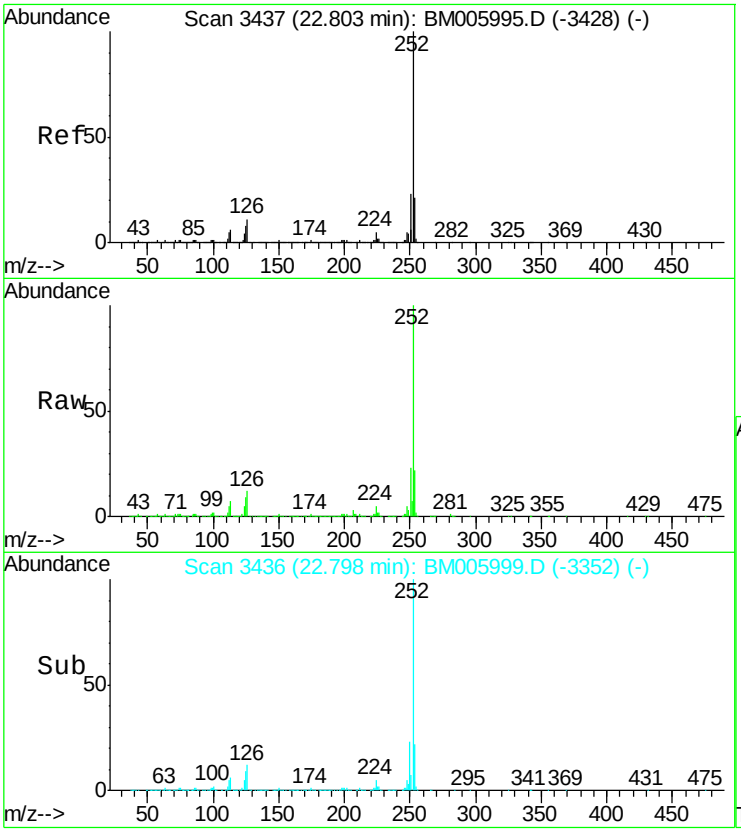


#33
Chrysene
Concen: 20.67 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Tgt Ion:228 Resp: 2354292

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	19.4	15.4	23.2



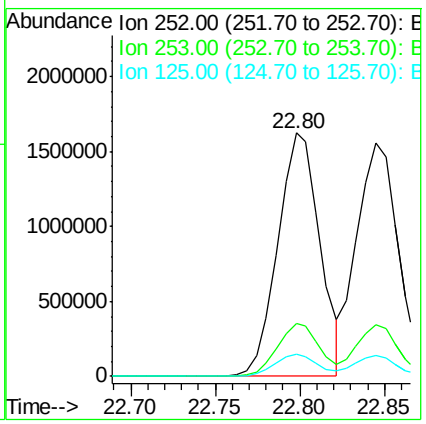


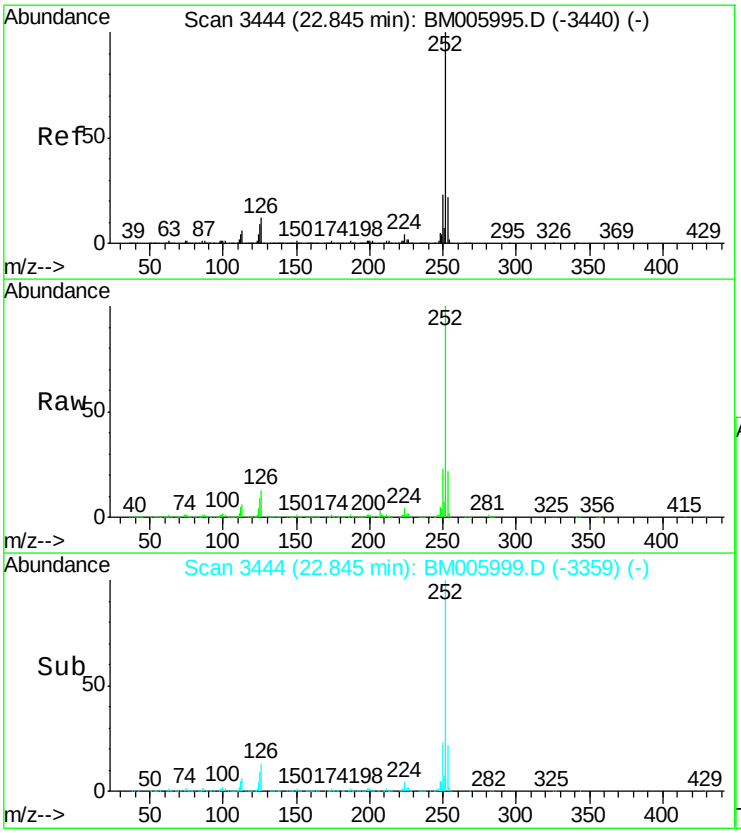
#35
Benzo(b)fluoranthene
Concen: 20.74 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:252 Resp: 2808858

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.9	6.8	10.2

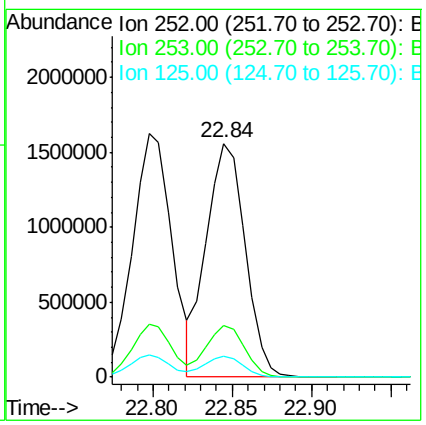


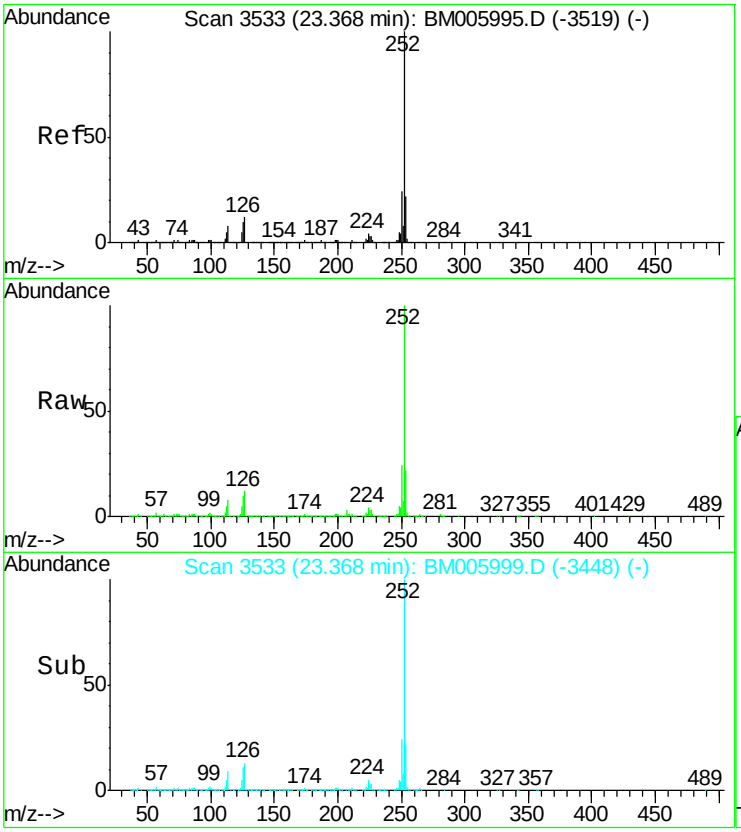


#36
Benzo(k)fluoranthene
Concen: 21.15 ng/ul
RT: 22.84 min Scan# 3444
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Tgt Ion:252 Resp: 2665188

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.0	7.0	10.4



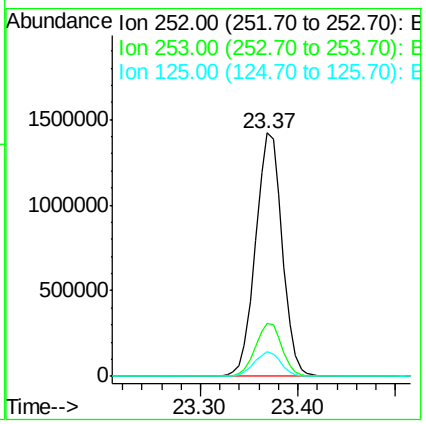


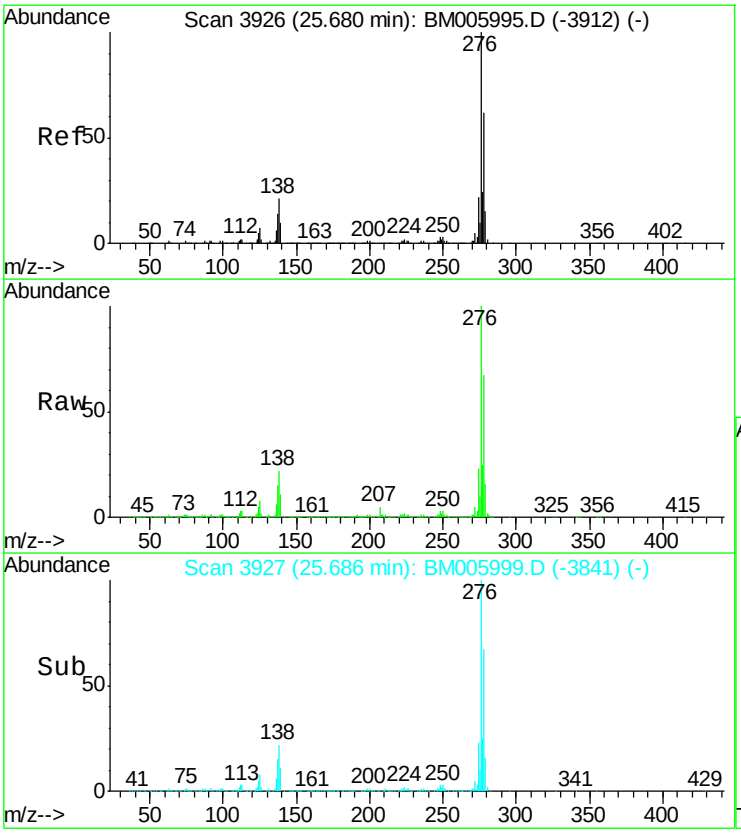
#38
Benzo(a)pyrene
Concen: 20.97 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:252 Resp: 2723991

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

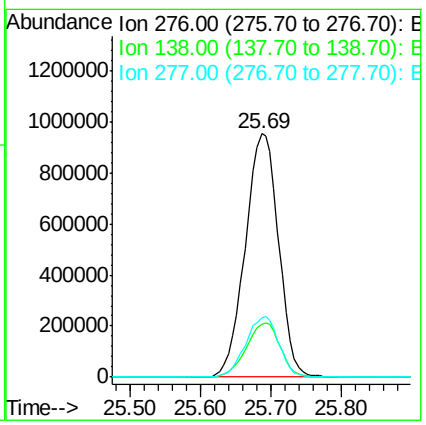


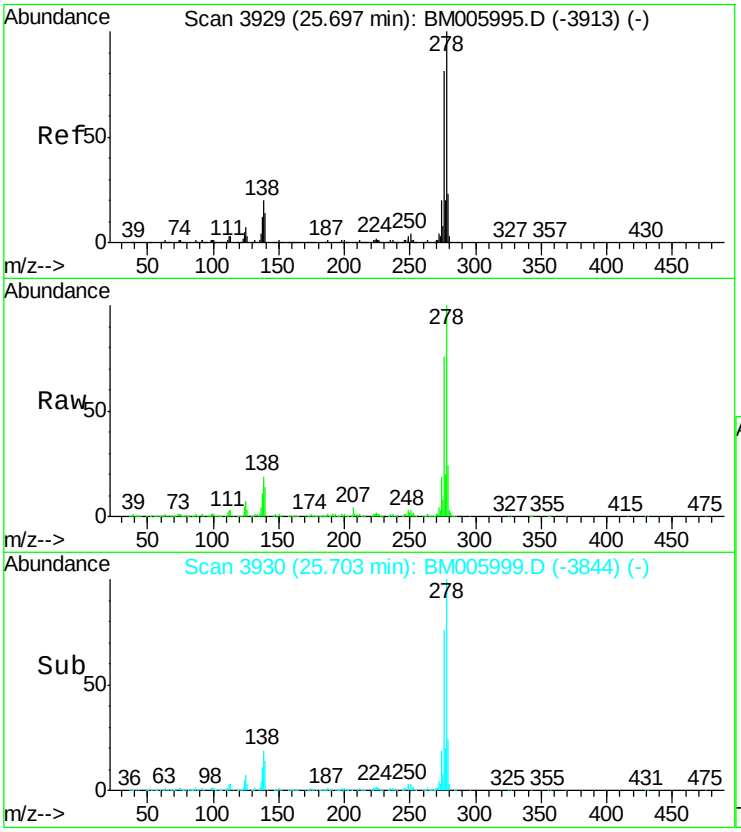


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.27 ng/ul
RT: 25.69 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Tgt Ion:276 Resp: 3138567

Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.6	25.0
277	24.5	19.6	29.4



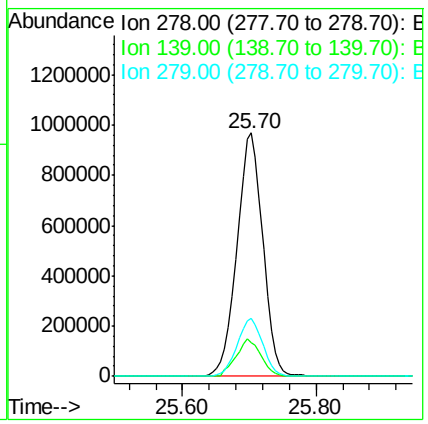


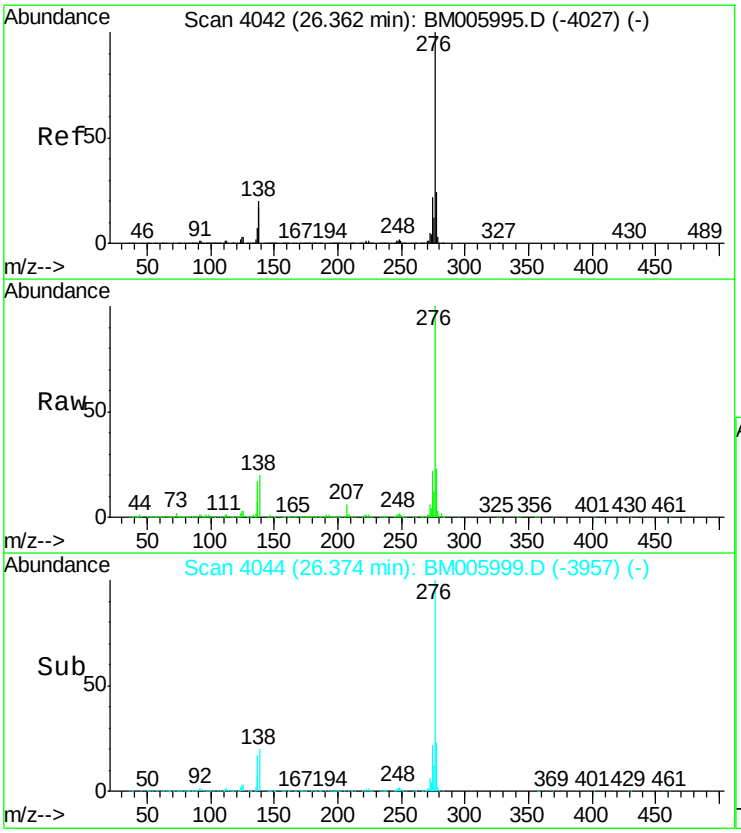
#40
Dibenzo(a,h)anthracene
Concen: 20.15 ng/ul
RT: 25.70 min Scan# 3930
Delta R.T. 0.01 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:278 Resp: 2594028

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.4	17.2
279	23.7	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 19.93 ng/ul
RT: 26.37 min Scan# 4044
Delta R.T. 0.01 min
Lab File: BM005999.D
Acq: 25 Jun 2016 13:50

Tgt Ion:276 Resp: 2668566

Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.9	23.9
277	23.2	19.2	28.8