Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM005998.D
Acq On : 25 Jun 2016 13:14
Operator : UM/SJ
Sample : SSTD16064
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16064

Quant Time: Jun 26 04:22:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:20:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	104987	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	603452	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	426621	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1124085	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	1258569	20.00	ng/ul	0.00
34) Perylene-d12	23.50	264	1643038	20.00	ng/ul	0.04
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	131740	52.19	ng/uL	0.00
3) Phenol-d5	6.84	99	1858128	168.24	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.00	67	948792	154.42	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	1296834	168.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	1552327	166.51	ng/ul	0.01
8) Nitrobenzene-d5	8.82	128	713576	155.31	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	814186	159.27	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.07	165	1504035	153.37	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	1029330	96.74	ng/ul	0.00
16) Dimethylphthalate-d6	13.73	166	4922328	134.78	ng/ul	0.02
17) Acenaphthylene-d8	14.00	160	5800651	136.94	ng/ul	0.01
20) 4-Nitrophenol-d4	14.55	143	1147038	147.23	ng/ul	0.04
21) Fluorene-d10	15.31	176	4005407	128.44	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.45	200	978637	156.83	ng/ul	0.02
26) Anthracene-d10	17.16	188	6356387	123.11	ng/ul	0.01
30) Pyrene-d10	19.46	212	7429140	134.75	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.36	264	9591548	129.30	ng/ul	0.04
Target Compounds						Qvalue
11) Naphthalene	10.49	128	4320653	143.32	ng/ul	99
13) 2-Methylnaphthalene	12.11	142	3378434	139.26	ng/ul	98
14) 1-Methylnaphthalene	12.33	142	3253020	140.05	ng/ul	100
18) Acenaphthylene	14.03	152	5873383	131.51	ng/ul	98
19) Acenaphthene	14.37	153	3789812	133.59	ng/ul	99
22) Fluorene	15.37	166	3934979	115.15	ng/ul	98
25) Phenanthrene	17.10	178	7548534	124.85	ng/ul	98
27) Anthracene	17.20	178	7482300	119.86	ng/ul	99
28) Fluoranthene	19.12	202	9146111	118.10	ng/ul	99
31) Pyrene	19.49	202	8965230	124.43	ng/ul	97
32) Benzo(a)anthracene	21.24	228	9319384	124.65	ng/ul	96
33) Chrysene	21.30	228	8477706	124.13	ng/ul	97
35) Benzo(b)fluoranthene	22.83	252	12190937	127.70	ng/ul	99
36) Benzo(k)fluoranthene	22.87	252	9860759	111.04	ng/ul	98
38) Benzo(a)pyrene	23.42	252	10851609	118.56	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.80	276	14041696	128.68	ng/ul	99
40) Dibenzo(a,h)anthracene	25.77	278	11423193	125.90	ng/ul	99
41) Benzo(g,h,i)perylene	26.50	276	13203922	139.91	ng/ul	99

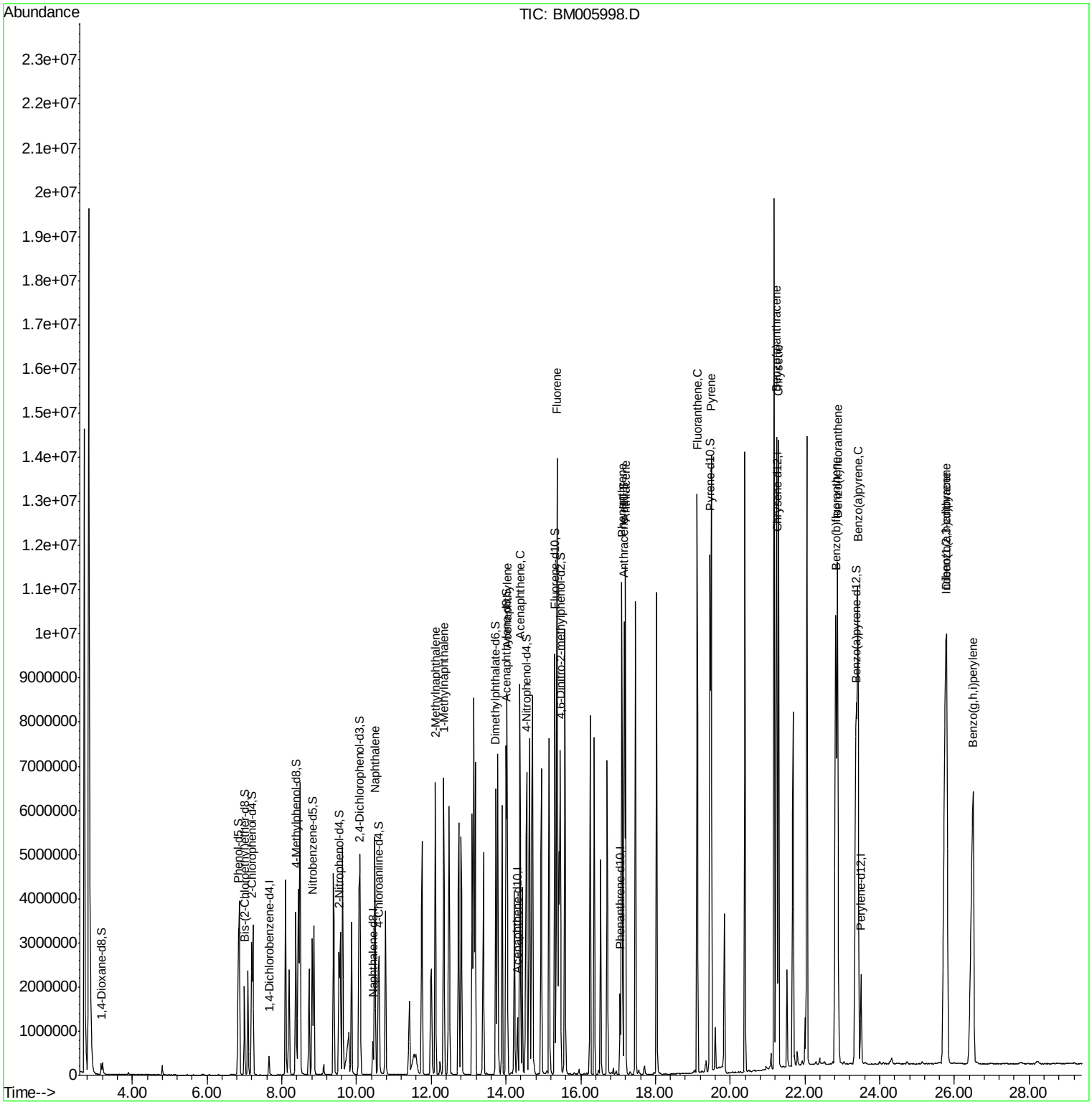
(#) = qualifier out of range (m) = manual integration (+) = signals summed

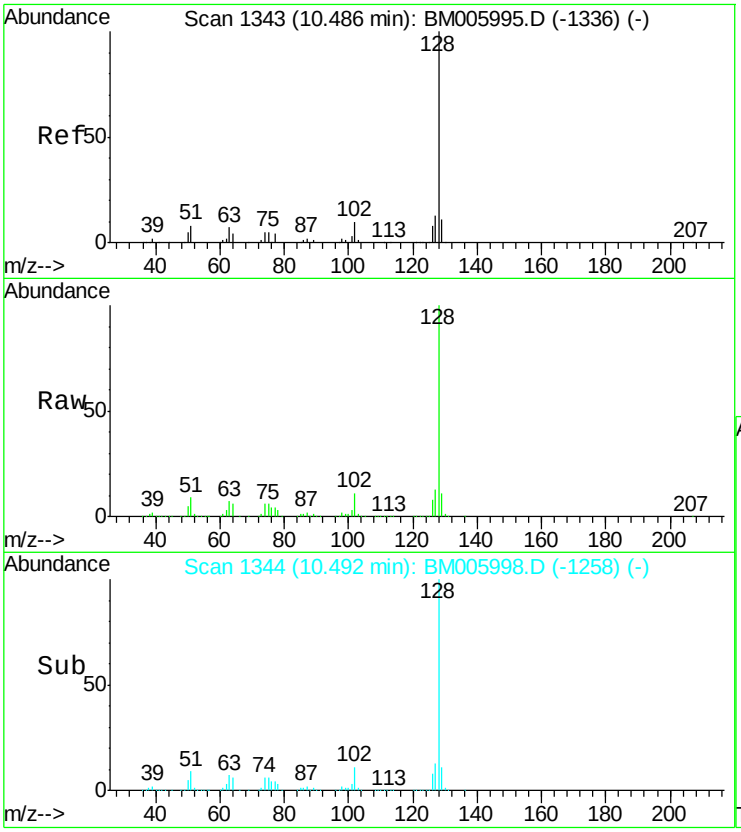
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM005998.D
Acq On : 25 Jun 2016 13:14
Operator : UM/SJ
Sample : SSTD16064
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Quant Time: Jun 26 04:22:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:20:44 2016
Response via : Initial Calibration



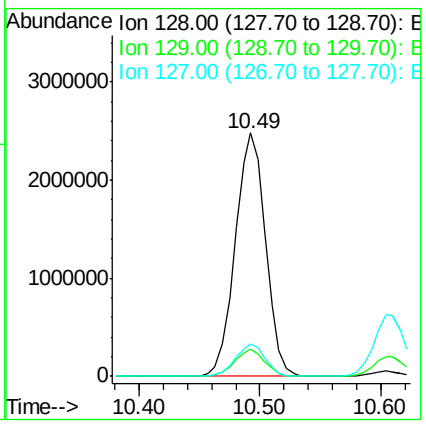


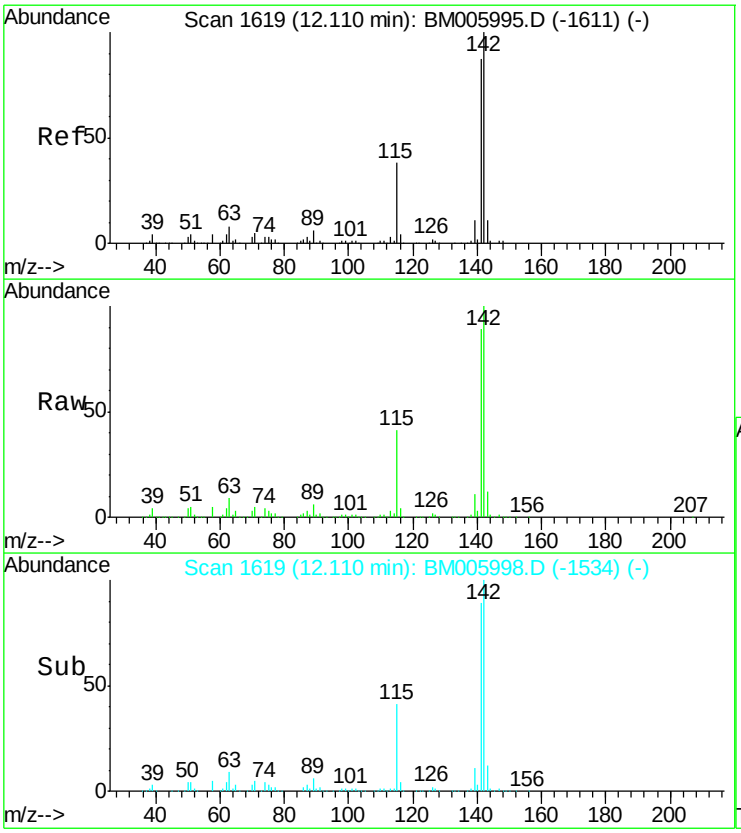
#11
Naphthalene
Concen: 143.32 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Tgt Ion:128 Resp: 4320653

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.1	10.2	15.4

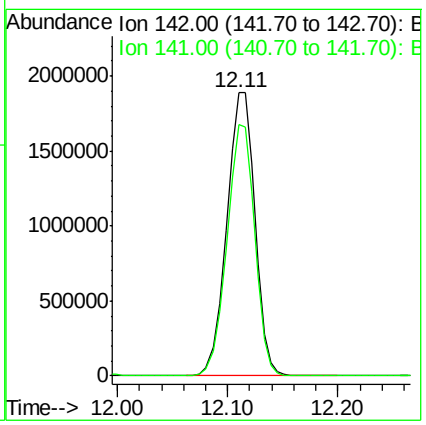


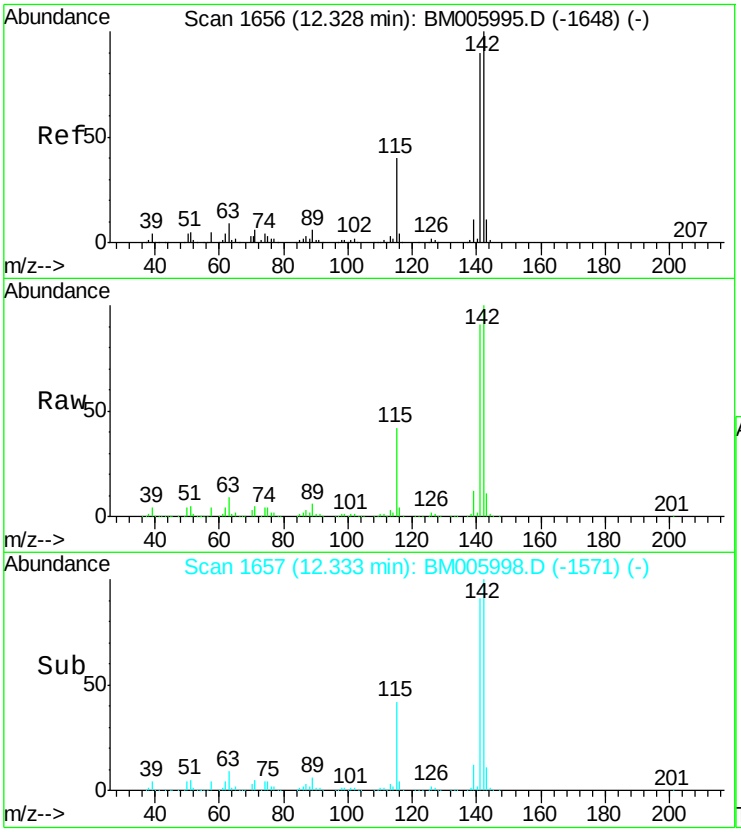


#13
2-Methylnaphthalene
Concen: 139.26 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Tgt Ion:142 Resp: 3378434

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.4	104.2



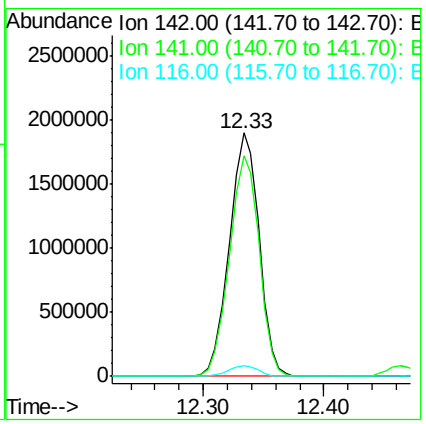


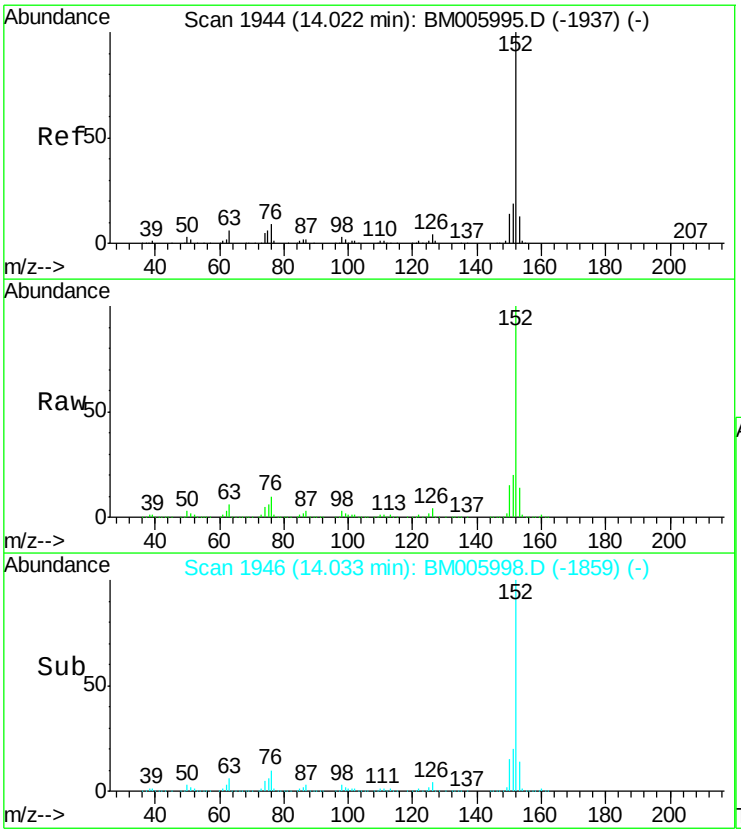
#14
1-Methylnaphthalene
Concen: 140.05 ng/ul
RT: 12.33 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Tgt Ion:142 Resp: 3253020

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5
116	4.4	3.4	5.0

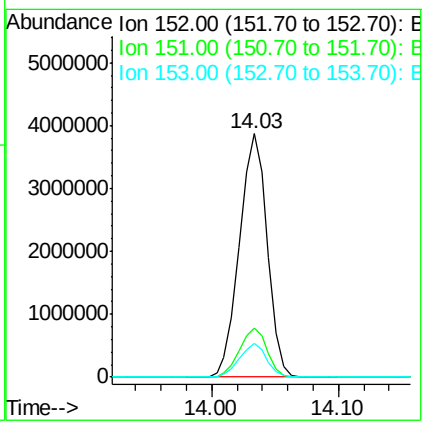


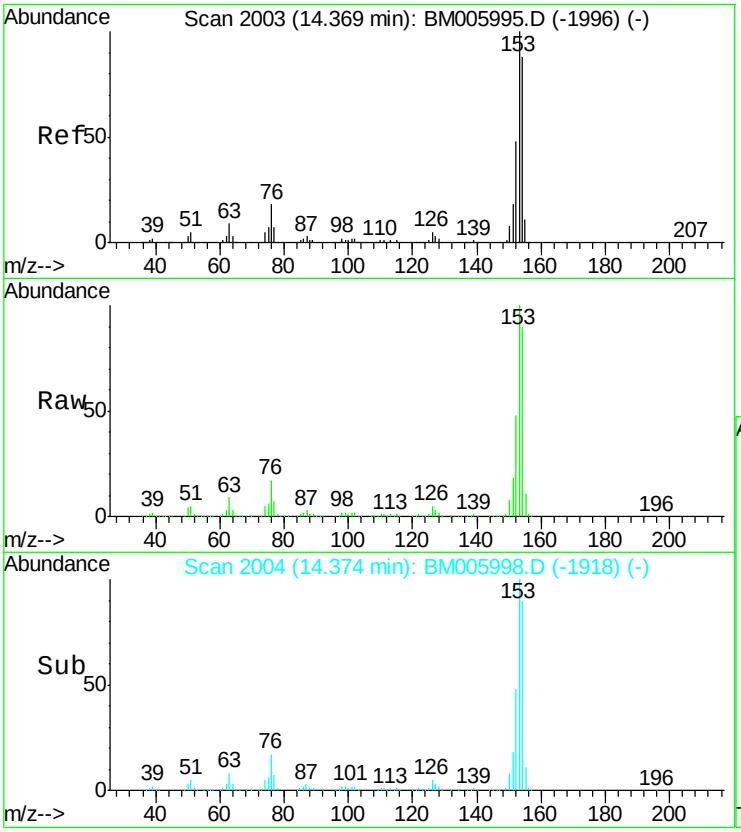


#18
Acenaphthylene
Concen: 131.51 ng/ul
RT: 14.03 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Tgt Ion:152 Resp: 5873383

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.5	23.3
153	13.6	10.5	15.7



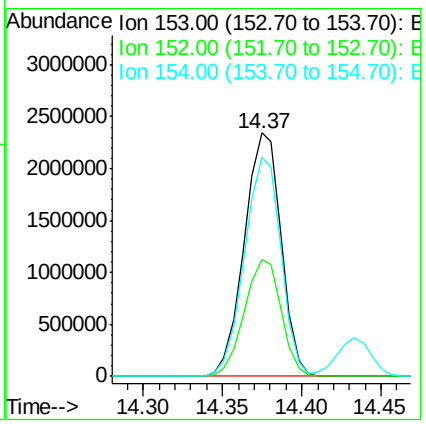


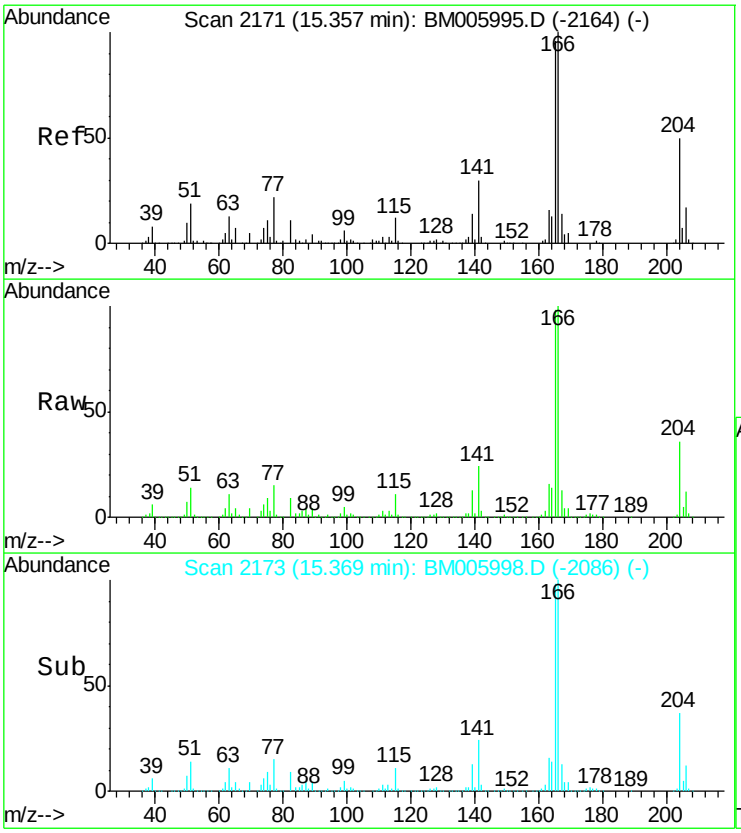
#19
Acenaphthene
Concen: 133.59 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Tgt Ion:153 Resp: 3789812

Ion	Ratio	Lower	Upper
153	100		
152	48.1	38.6	57.8
154	89.8	70.7	106.1

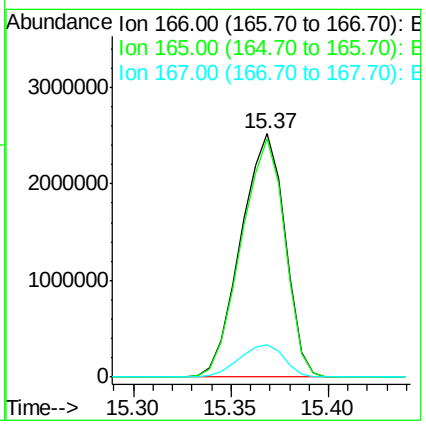


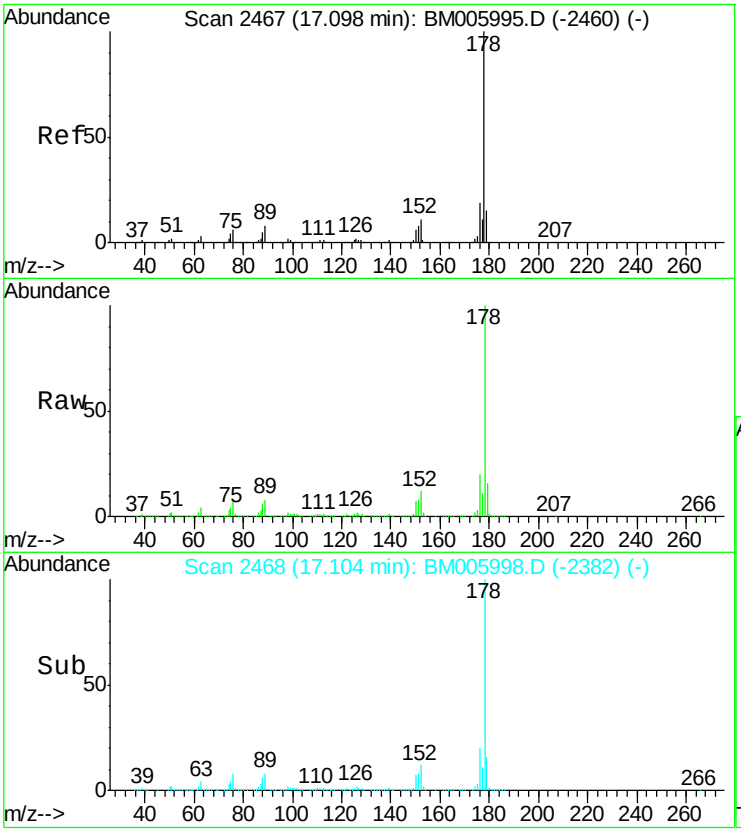


#22
Fluorene
Concen: 115.15 ng/ul
RT: 15.37 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Tgt Ion:166 Resp: 3934979

Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.8	115.2
167	13.5	10.8	16.2



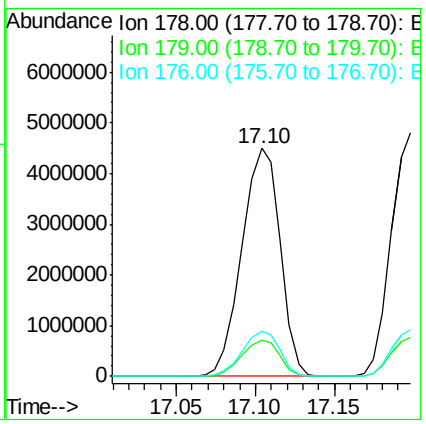


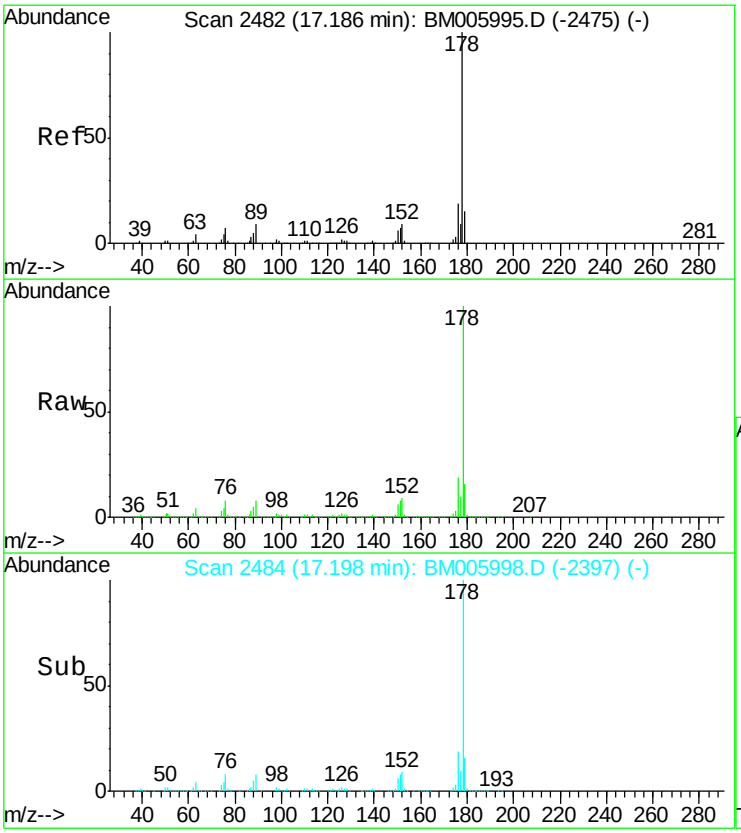
#25
Phenanthrene
Concen: 124.85 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Tgt Ion:178 Resp: 7548534

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	20.1	15.4	23.0

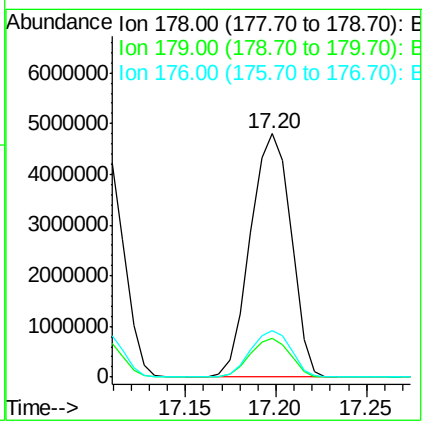


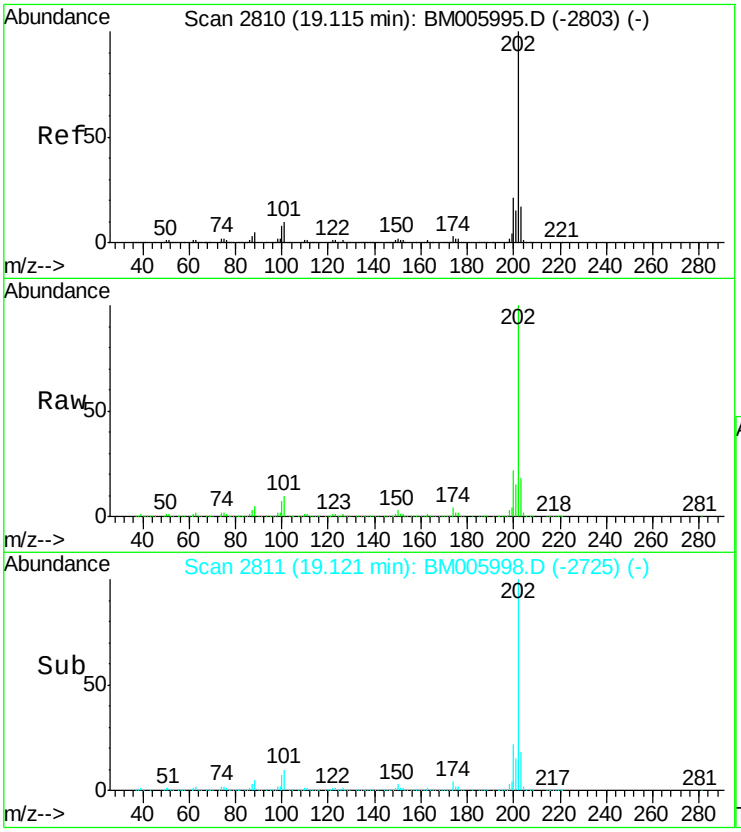


#27
Anthracene
Concen: 119.86 ng/ul
RT: 17.20 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Tgt Ion:178 Resp: 7482300

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.2	14.9	22.3



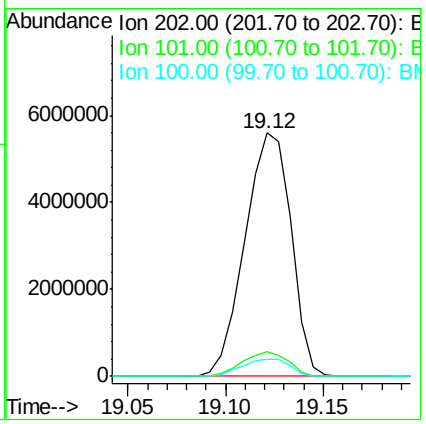


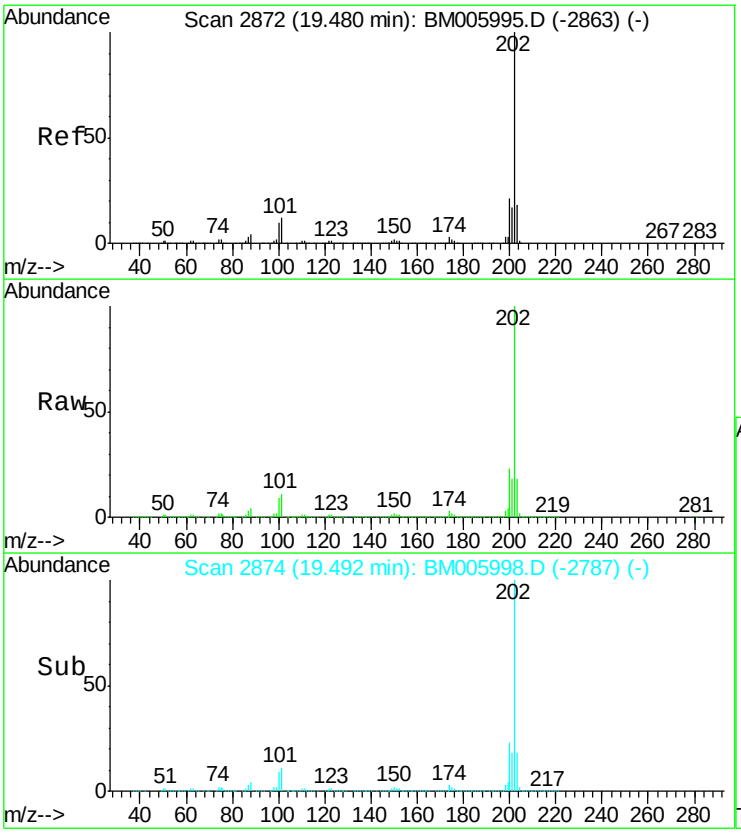
#28
Fluoranthene
Concen: 118.10 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Tgt Ion:202 Resp: 9146111

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.4
100	7.2	6.3	9.5

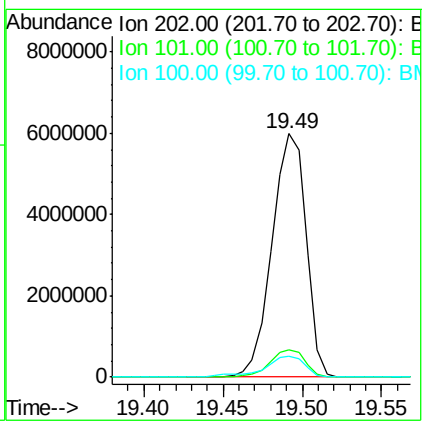


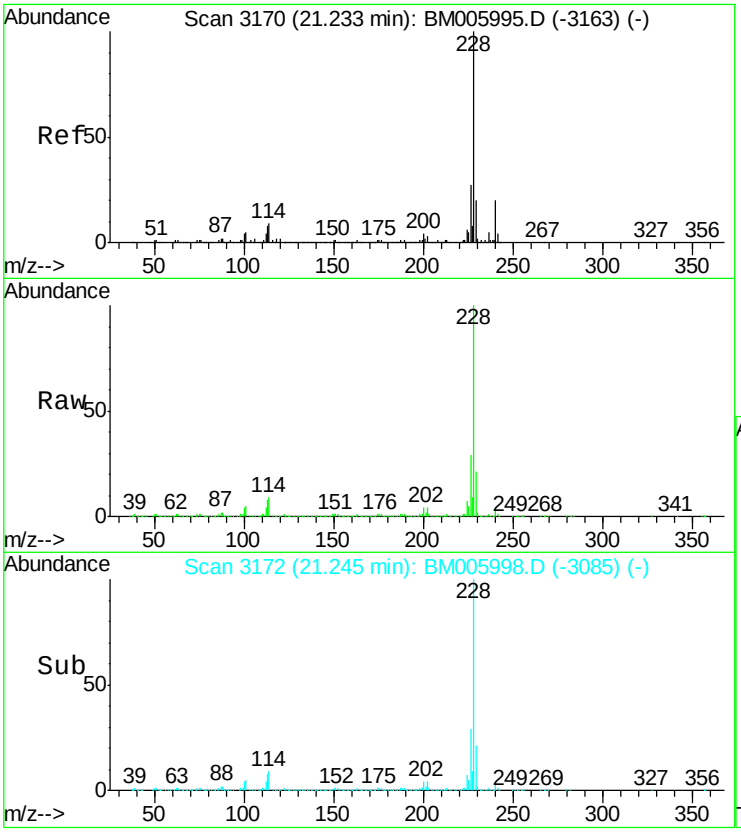


#31
Pyrene
Concen: 124.43 ng/ul
RT: 19.49 min Scan# 2874
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Tgt Ion:202 Resp: 8965230

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
100	8.8	8.2	12.2



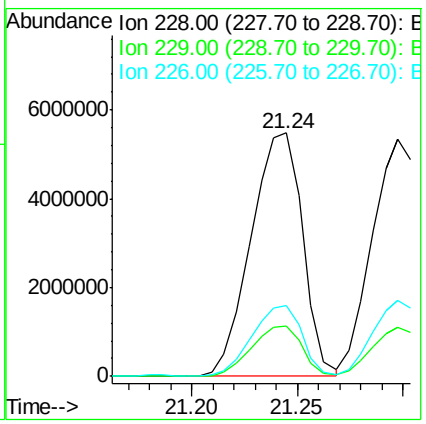


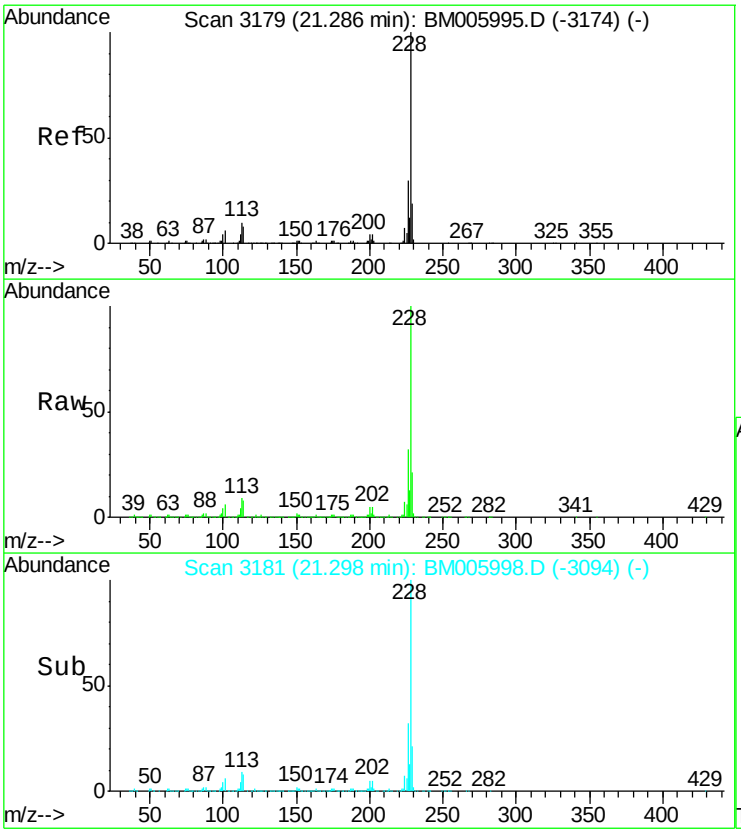
#32
Benzo(a)anthracene
Concen: 124.65 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Tgt Ion:228 Resp: 9319384

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	29.2	21.5	32.3

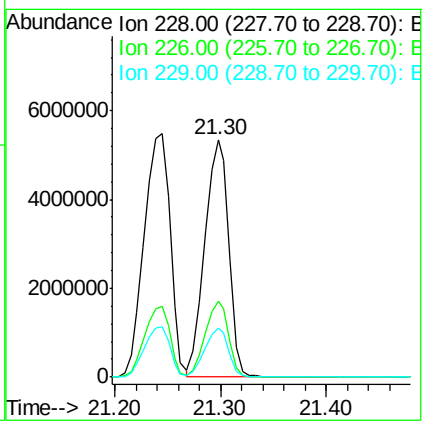


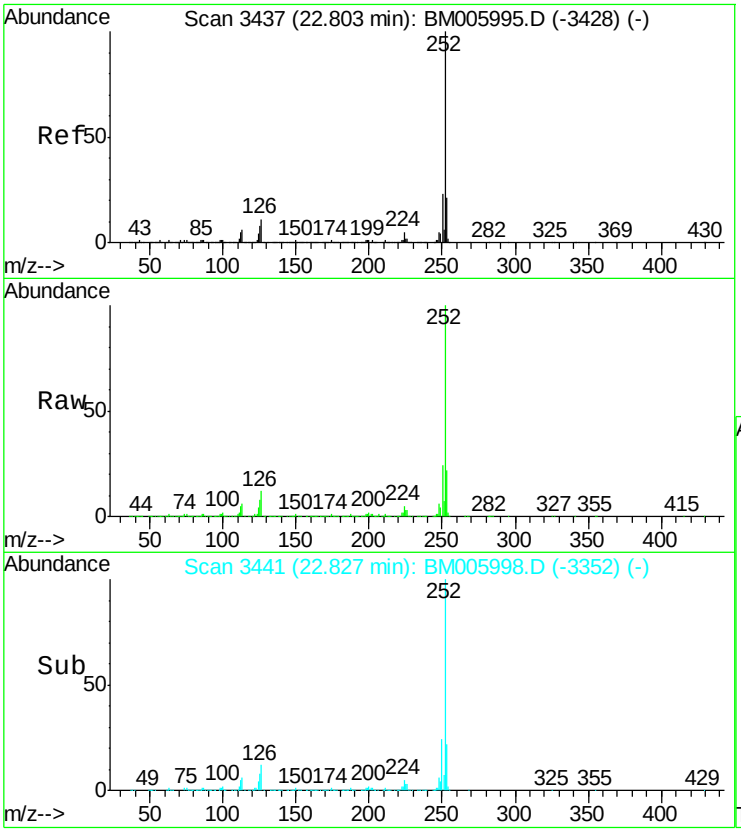


#33
Chrysene
Concen: 124.13 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Tgt Ion:228 Resp: 8477706

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.3	36.5
229	20.6	15.4	23.2



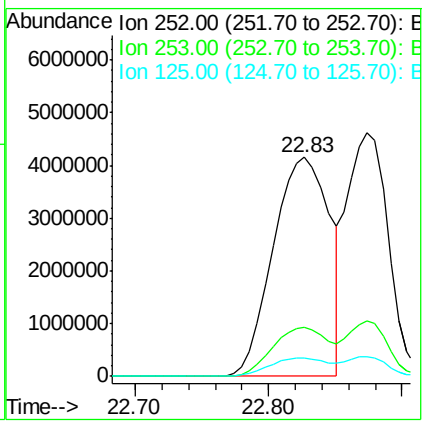


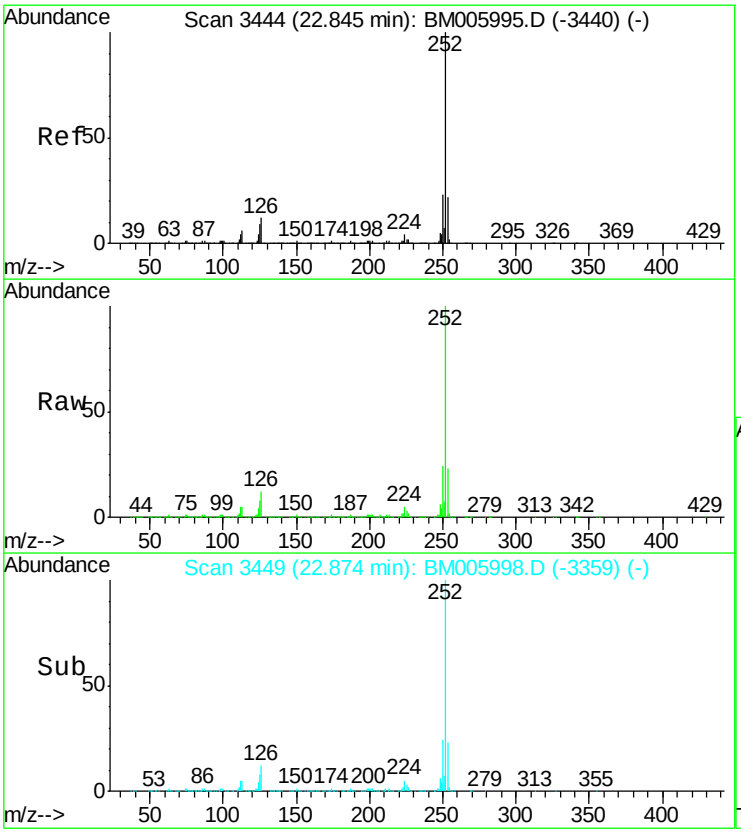
#35
Benzo(b)fluoranthene
Concen: 127.70 ng/ul
RT: 22.83 min Scan# 3441
Delta R.T. 0.02 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Tgt Ion:252 Resp:12190937

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	8.2	6.8	10.2

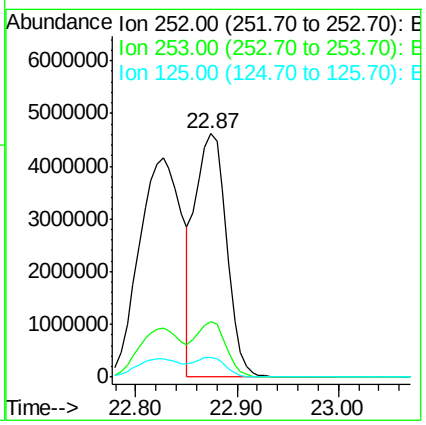


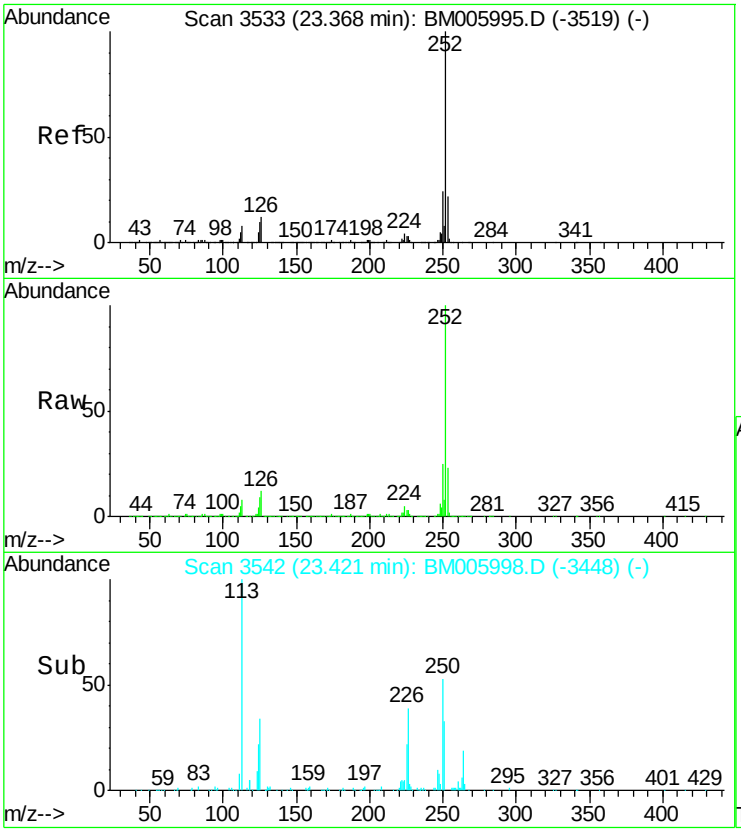


#36
Benzo(k)fluoranthene
Concen: 111.04 ng/ul
RT: 22.87 min Scan# 3449
Delta R.T. 0.03 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Tgt Ion:252 Resp: 9860759

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	8.3	7.0	10.4



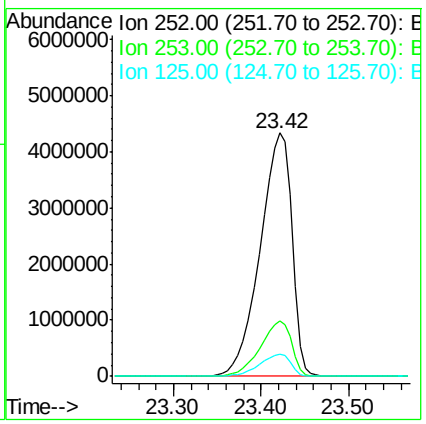


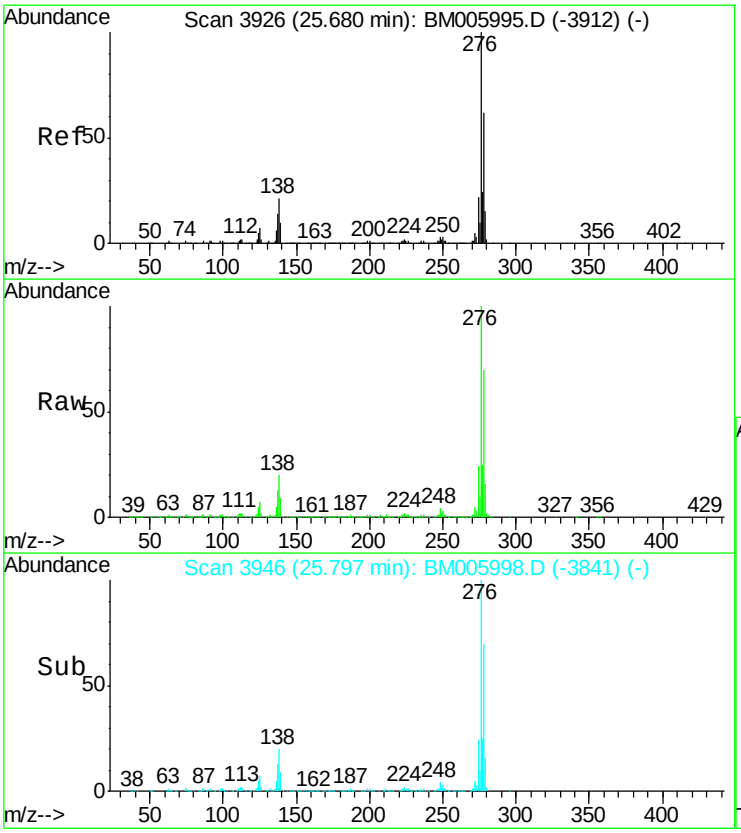
#38
Benzo(a)pyrene
Concen: 118.56 ng/ul
RT: 23.42 min Scan# 3542
Delta R.T. 0.05 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Tgt Ion:252 Resp:10851609

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.2	7.8	11.6

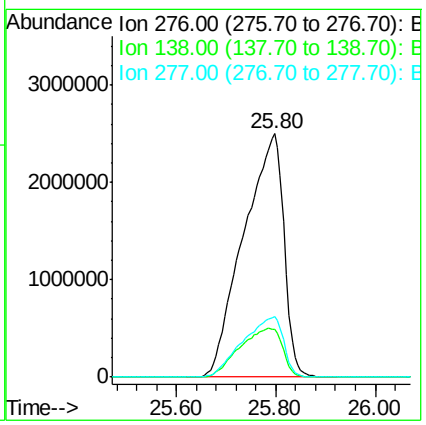


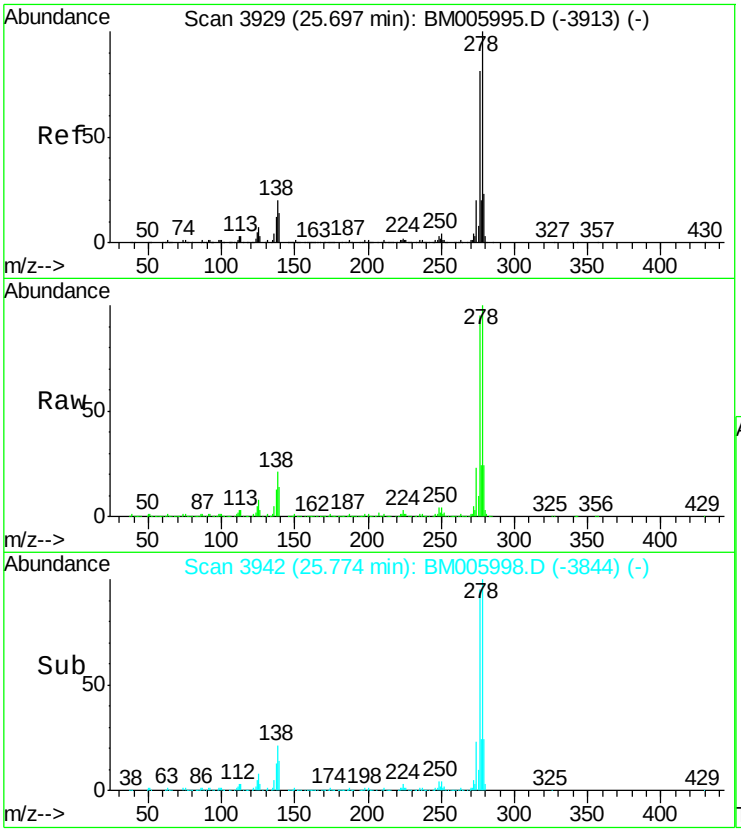


#39
Indeno(1,2,3-cd)pyrene
Concen: 128.68 ng/ul
RT: 25.80 min Scan# 3946
Delta R.T. 0.12 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Tgt Ion:276 Resp:14041696

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.6	25.0
277	24.8	19.6	29.4



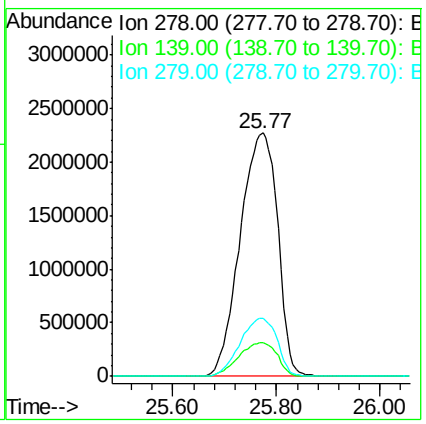


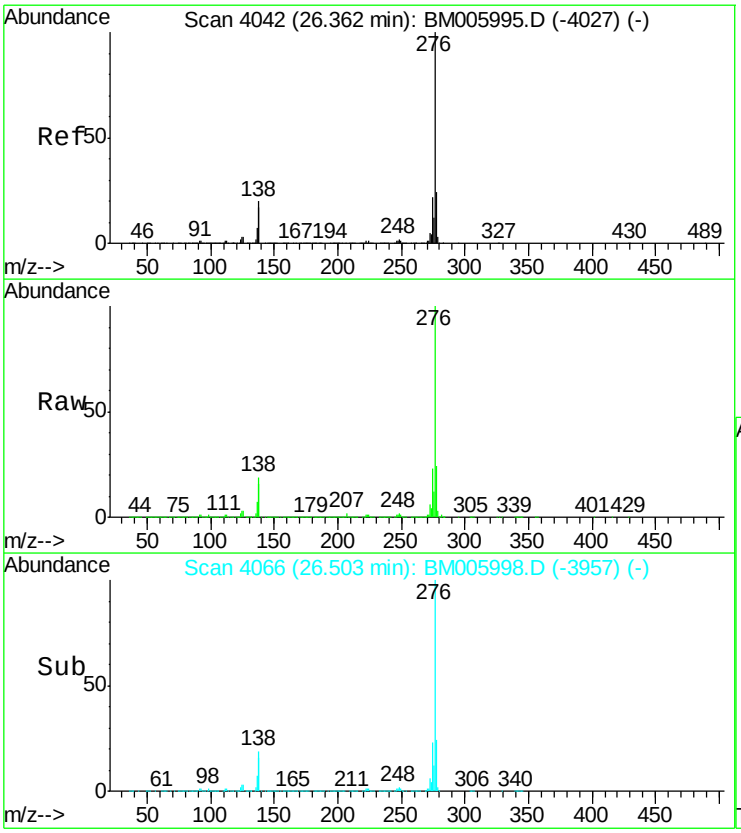
#40
Dibenzo(a,h)anthracene
Concen: 125.90 ng/ul
RT: 25.77 min Scan# 3942
Delta R.T. 0.08 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Instrument :
BNA_M
ClientSampleId :
SSTD16064

Tgt Ion:278 Resp:11423193

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.4	17.2
279	23.8	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 139.91 ng/ul
RT: 26.50 min Scan# 4066
Delta R.T. 0.14 min
Lab File: BM005998.D
Acq: 25 Jun 2016 13:14

Tgt Ion:276 Resp:13203922

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.9	23.9
277	23.8	19.2	28.8