Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM005993.D
Acq On : 25 Jun 2016 10:14
Operator : UM/SJ
Sample : SSTD00559
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00559

Quant Time: Jun 26 04:21:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:20:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	143581	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	696862	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	484948	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1289317	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1676752	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1837555	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6907	2.00	ng/uL	0.00
3) Phenol-d5	6.83	99	69227	4.58	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	44973	5.35	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	50801	4.83	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	56944	4.47	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	27461	5.18	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	30012	5.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	57292	5.06	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	79668	6.48	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	223942	5.39	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	250599	5.20	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	45796	5.17	ng/ul	0.00
21) Fluorene-d10	15.30	176	193015	5.44	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	29691	4.15	ng/ul	0.00
26) Anthracene-d10	17.15	188	324130	5.47	ng/ul	0.00
30) Pyrene-d10	19.45	212	393945	5.36	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	446627	5.38	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.49	128	182540	5.24	ng/ul	98
13) 2-Methylnaphthalene	12.10	142	146280	5.22	ng/ul	100
14) 1-Methylnaphthalene	12.33	142	140632	5.24	ng/ul	97
18) Acenaphthylene	14.02	152	268322	5.29	ng/ul	99
19) Acenaphthene	14.37	153	174054	5.40	ng/ul	98
22) Fluorene	15.36	166	215322	5.54	ng/ul	96
25) Phenanthrene	17.09	178	377358	5.44	ng/ul	99
27) Anthracene	17.18	178	393847	5.50	ng/ul	99
28) Fluoranthene	19.12	202	488855	5.50	ng/ul	99
31) Pyrene	19.48	202	525599	5.48	ng/ul	99
32) Benzo(a)anthracene	21.23	228	543381	5.46	ng/ul	100
33) Chrysene	21.28	228	497064	5.46	ng/ul	99
35) Benzo(b)fluoranthene	22.80	252	588533	5.51	ng/ul	99
36) Benzo(k)fluoranthene	22.84	252	551775	5.56	ng/ul	99
38) Benzo(a)pyrene	23.36	252	566487	5.53	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.67	276	647782	5.31	ng/ul	99
40) Dibenzo(a,h)anthracene	25.69	278	548953	5.41	ng/ul	99
41) Benzo(g,h,i)perylene	26.35	276	541614	5.13	ng/ul	98

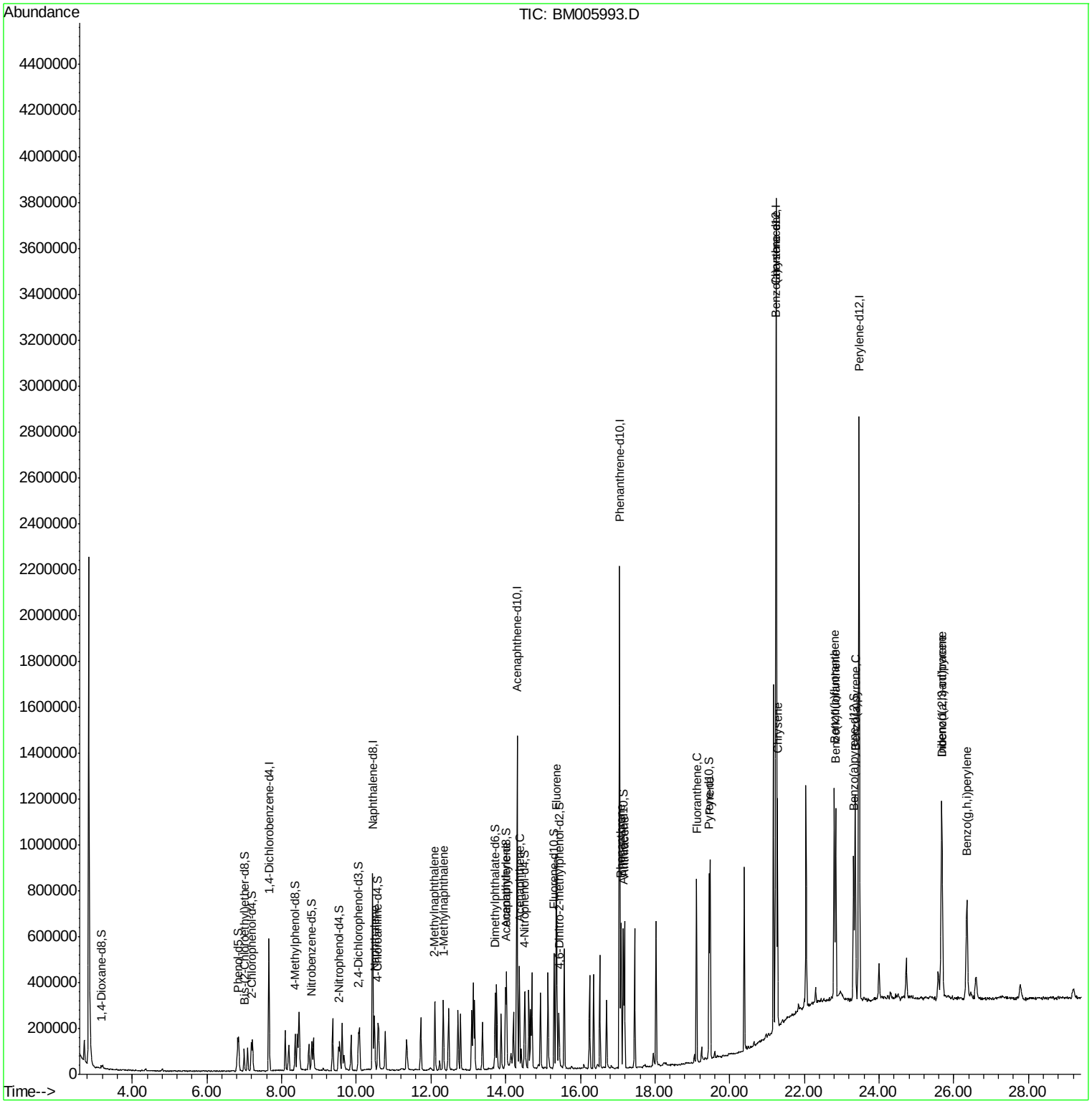
(#) = qualifier out of range (m) = manual integration (+) = signals summed

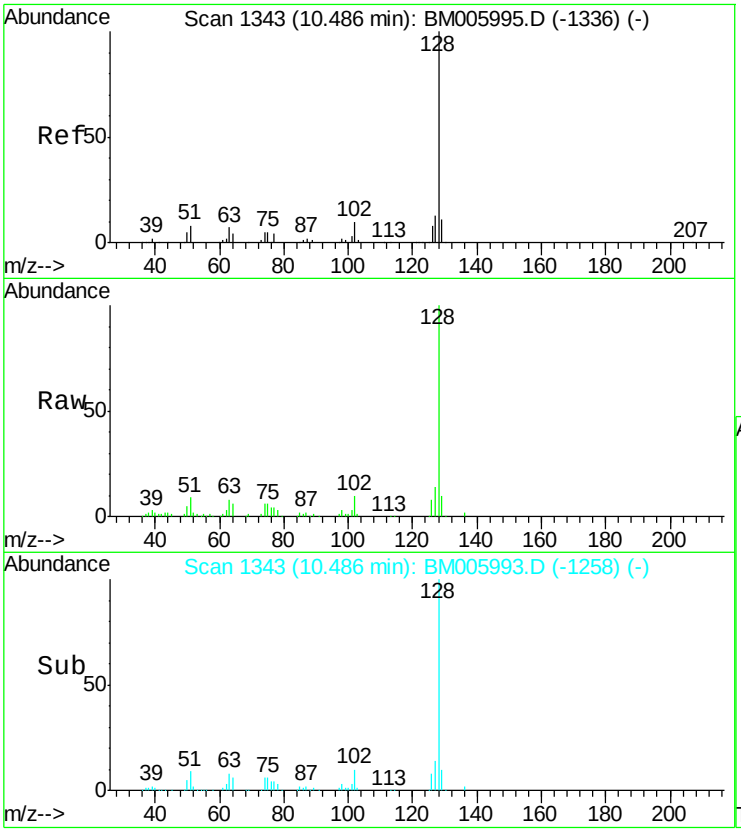
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM005993.D
Acq On : 25 Jun 2016 10:14
Operator : UM/SJ
Sample : SSTD00559
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Quant Time: Jun 26 04:21:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:20:39 2016
Response via : Initial Calibration



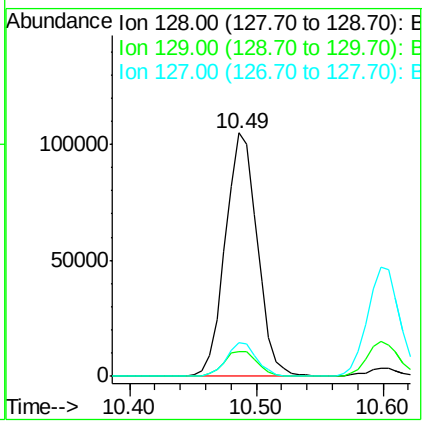


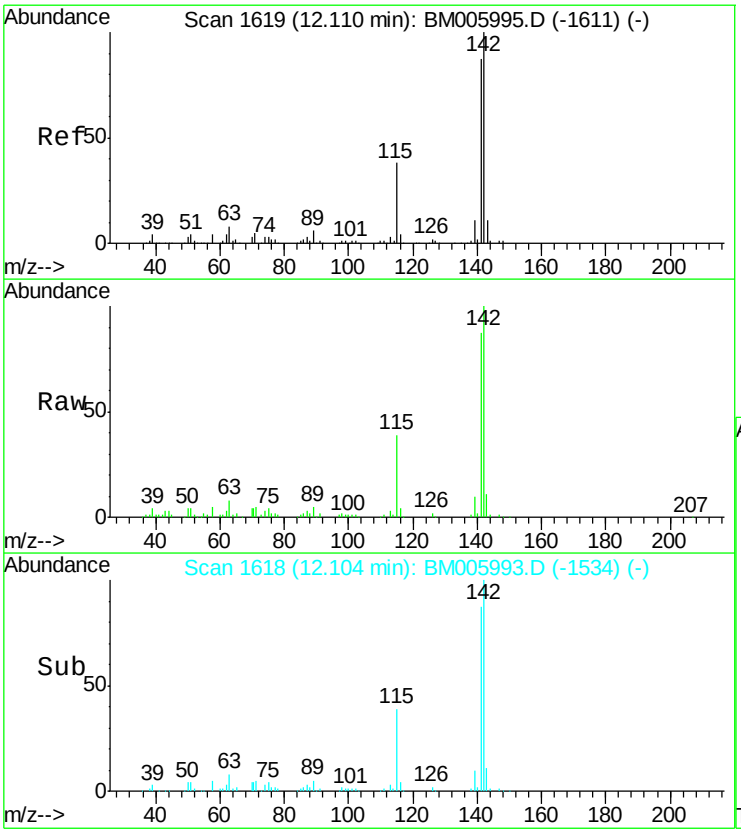
#11
Naphthalene
Concen: 5.24 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Tgt Ion:128 Resp: 182540

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	13.0
127	13.8	10.2	15.4

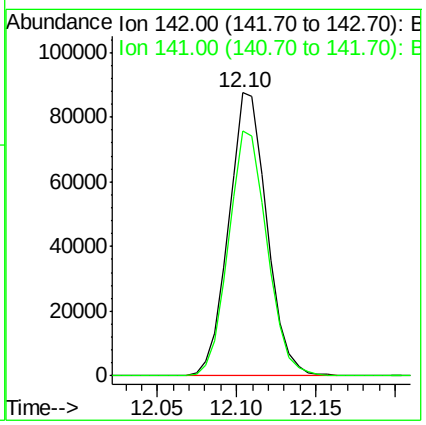


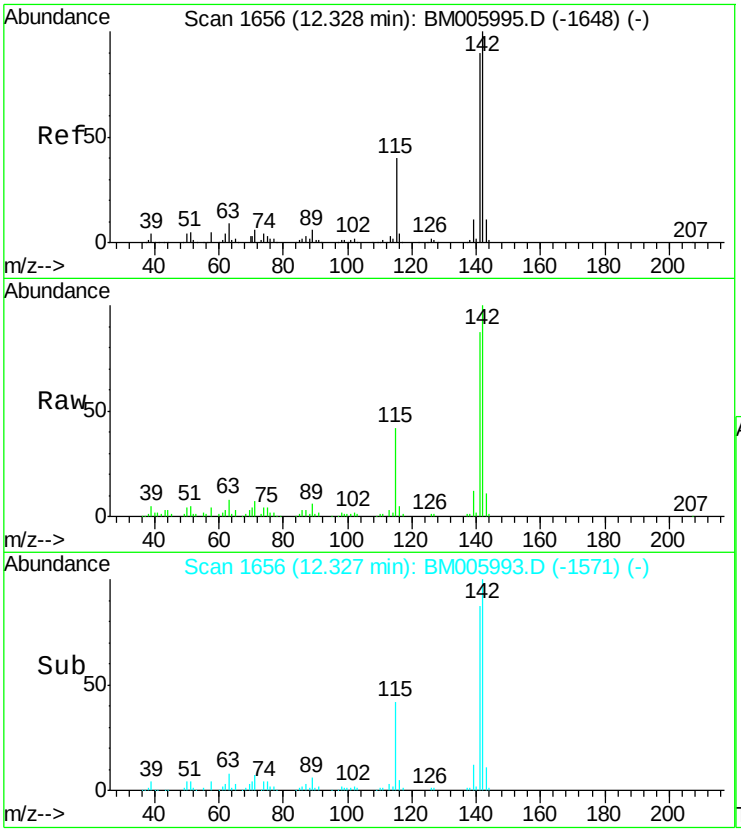


#13
2-Methylnaphthalene
Concen: 5.22 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Tgt Ion:142 Resp: 146280

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.4	104.2



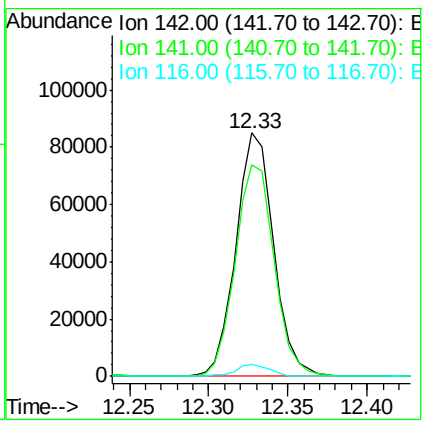


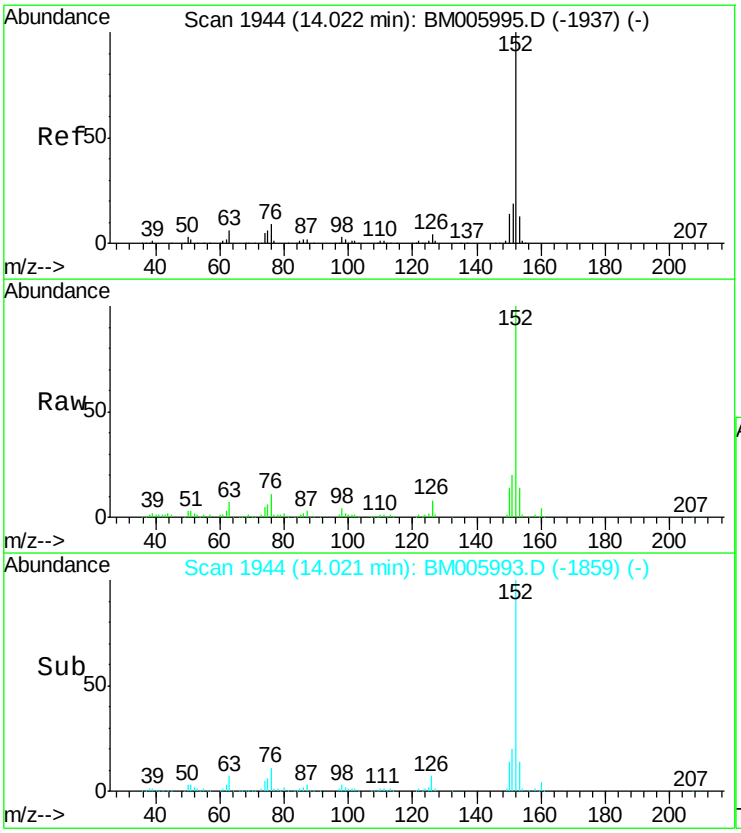
#14
1-Methylnaphthalene
Concen: 5.24 ng/ul
RT: 12.33 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Tgt Ion:142 Resp: 140632

Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.3	108.5
116	5.0	3.4	5.0

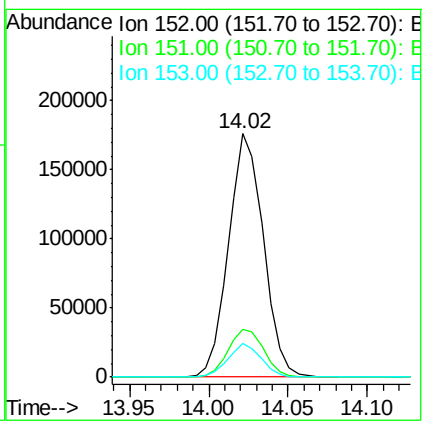


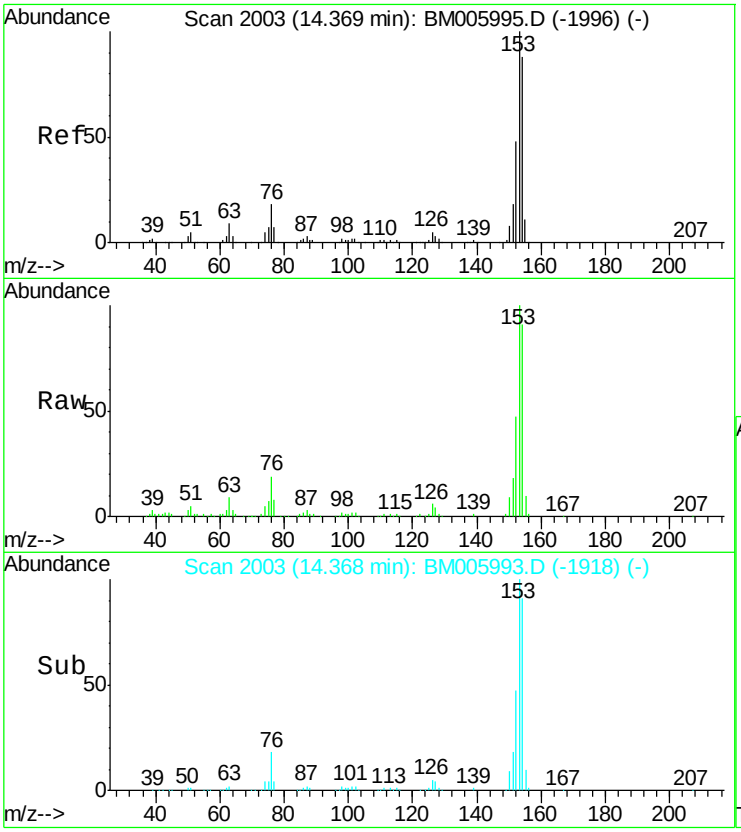


#18
Acenaphthylene
Concen: 5.29 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Tgt Ion:152 Resp: 268322

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	14.0	10.5	15.7



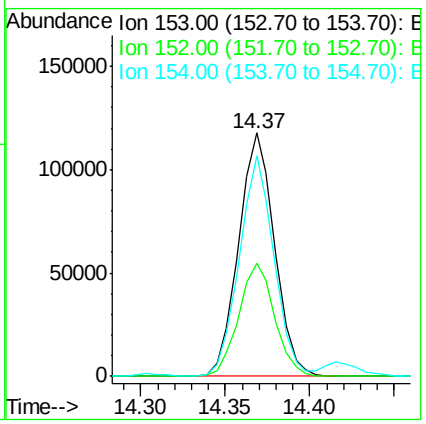


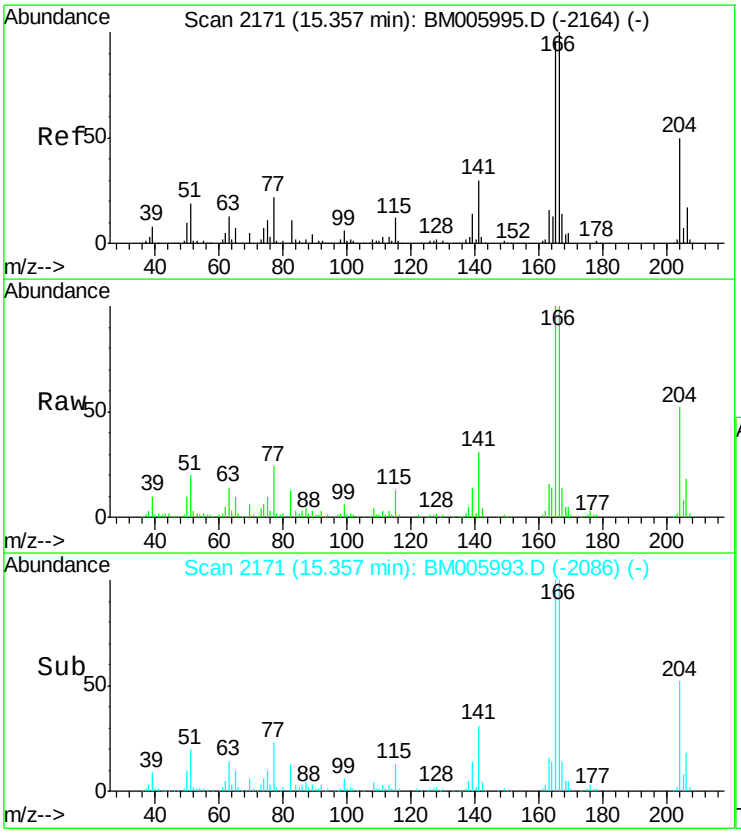
#19
Acenaphthene
Concen: 5.40 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Tgt Ion:153 Resp: 174054

Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.6	57.8
154	90.6	70.7	106.1

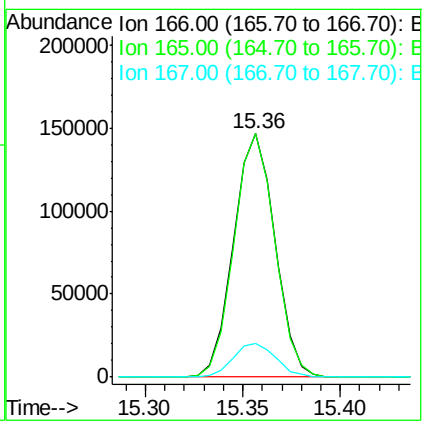


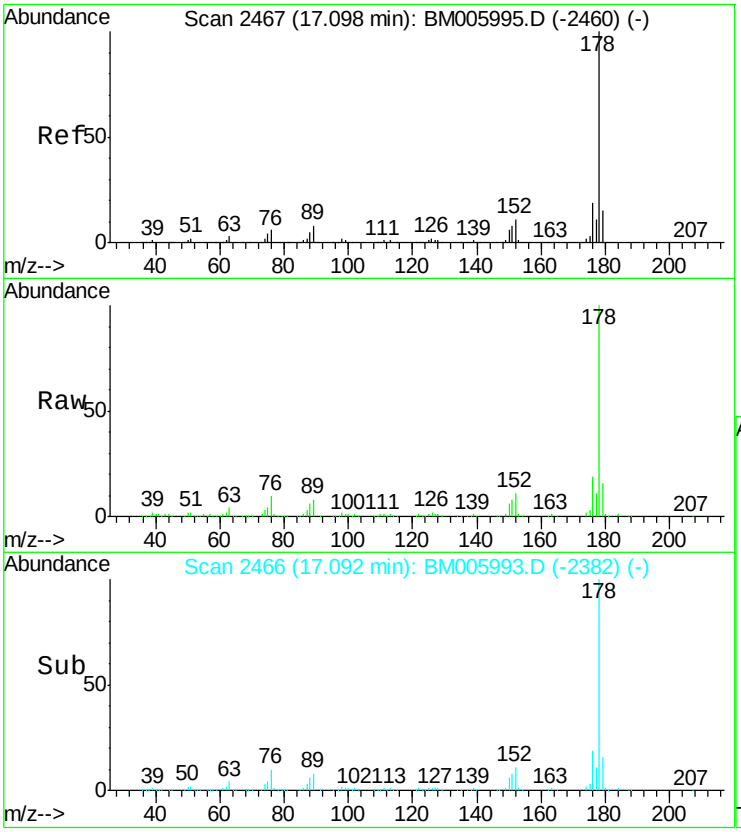


#22
Fluorene
Concen: 5.54 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Tgt Ion:166 Resp: 215322

Ion	Ratio	Lower	Upper
166	100		
165	100.0	76.8	115.2
167	13.8	10.8	16.2



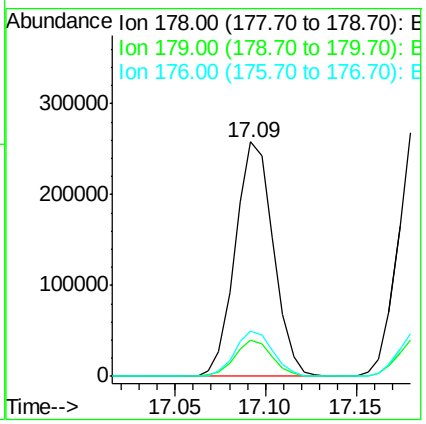


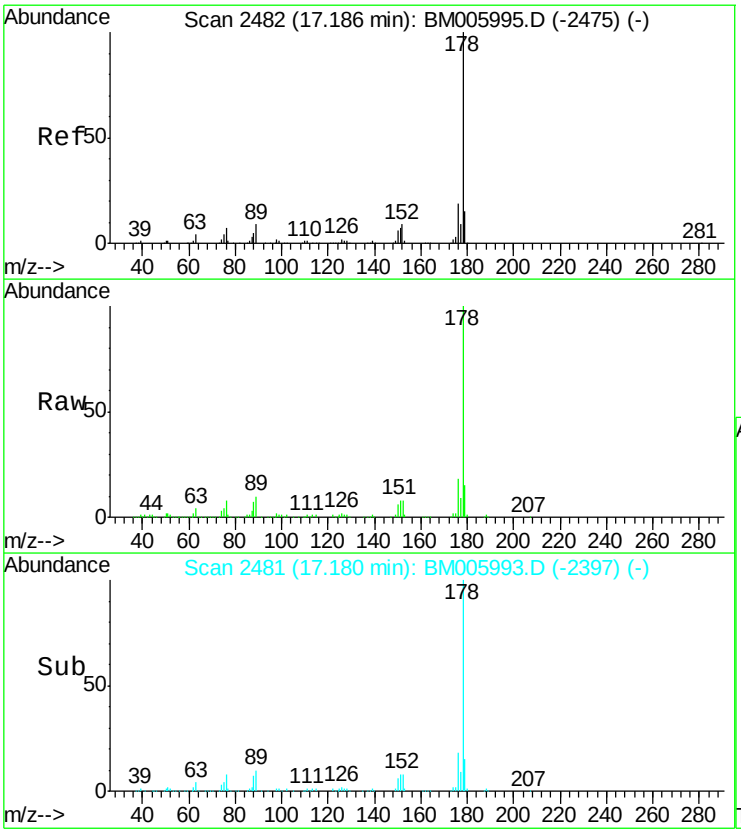
#25
Phenanthrene
Concen: 5.44 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Tgt Ion:178 Resp: 377358

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	19.1	15.4	23.0

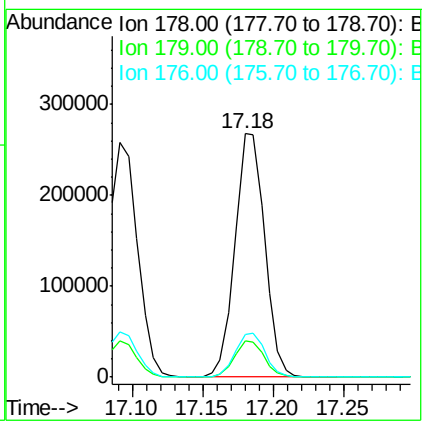


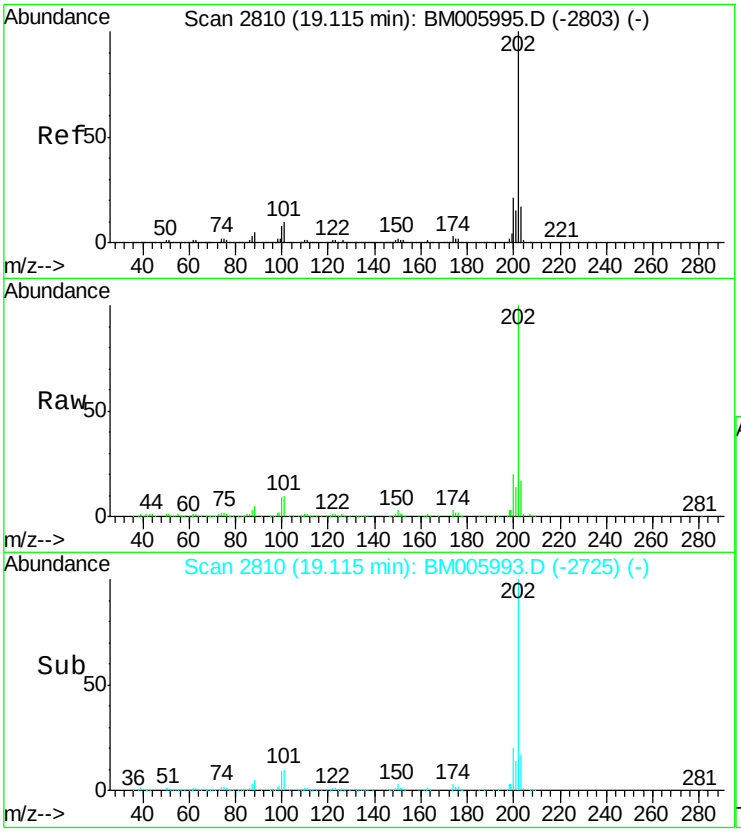


#27
Anthracene
Concen: 5.50 ng/ul
RT: 17.18 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Tgt Ion:178 Resp: 393847

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	17.8	14.9	22.3



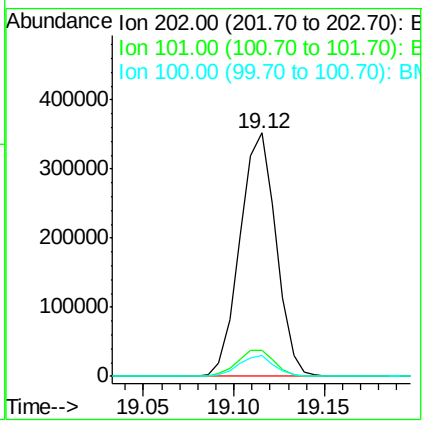


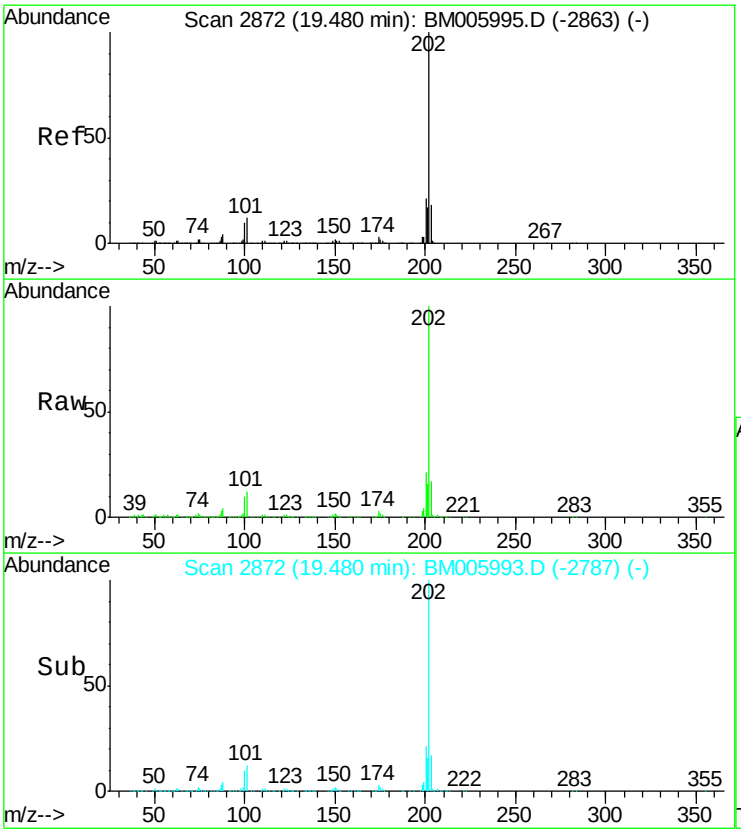
#28
Fluoranthene
Concen: 5.50 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Tgt Ion:202 Resp: 488855

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.4
100	8.8	6.3	9.5

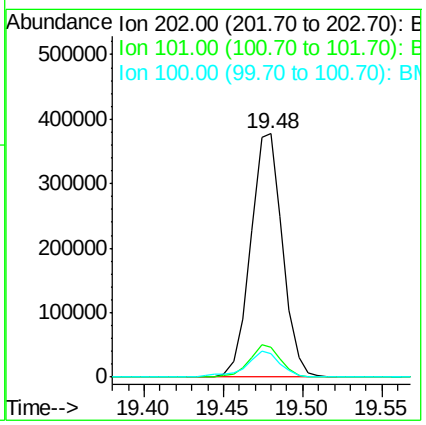


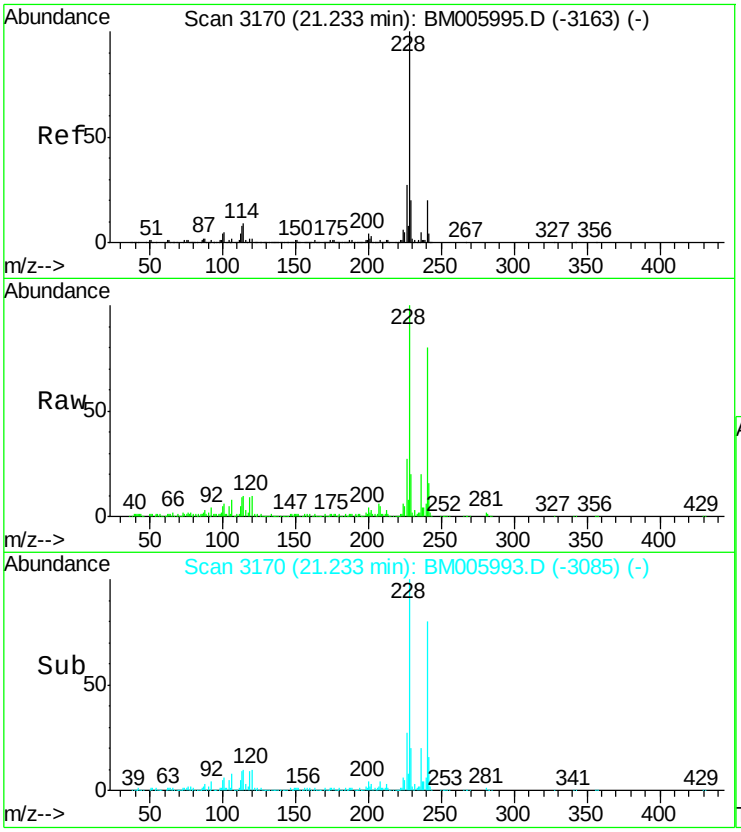


#31
Pyrene
Concen: 5.48 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Tgt Ion:202 Resp: 525599

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.6
100	9.7	8.2	12.2



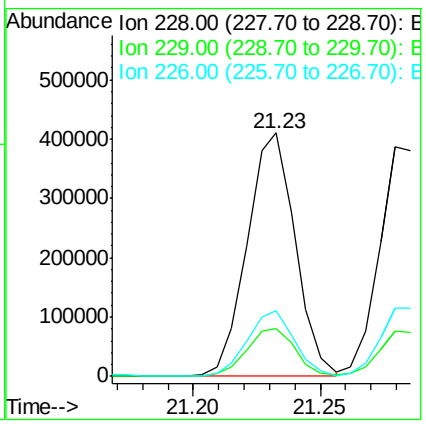


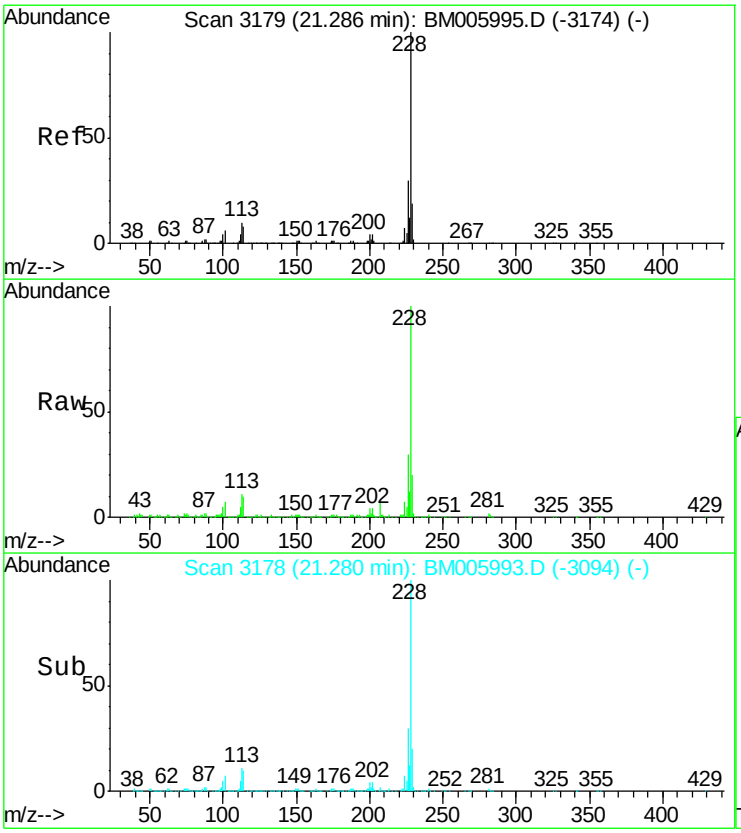
#32
Benzo(a)anthracene
Concen: 5.46 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Tgt Ion:228 Resp: 543381

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.6
226	27.1	21.5	32.3

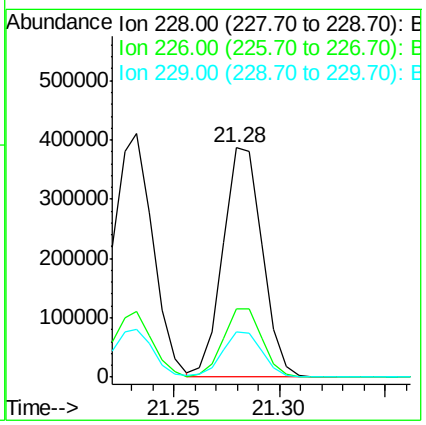


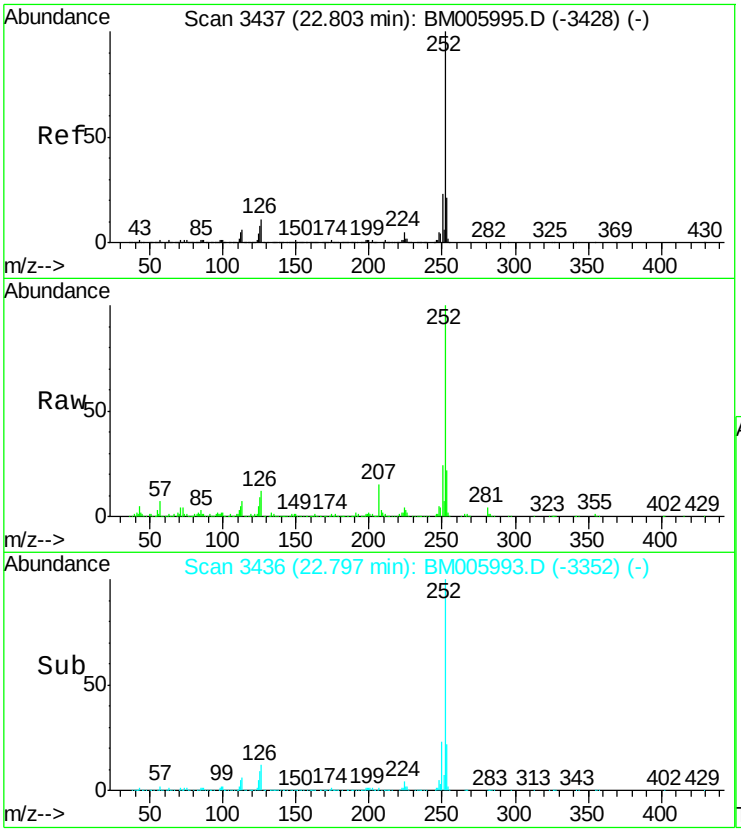


#33
Chrysene
Concen: 5.46 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Tgt Ion:228 Resp: 497064

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.6	15.4	23.2



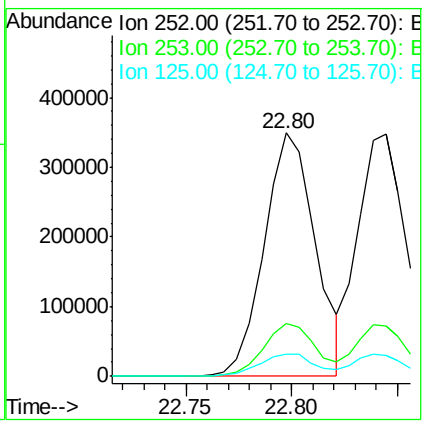


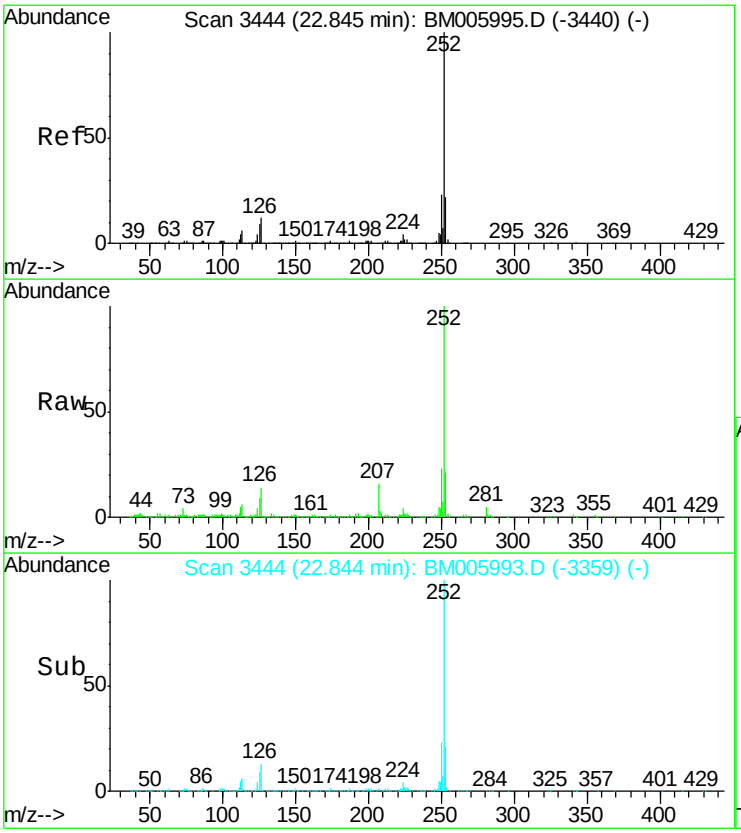
#35
Benzo(b)fluoranthene
Concen: 5.51 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Tgt Ion:252 Resp: 588533

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.3	6.8	10.2

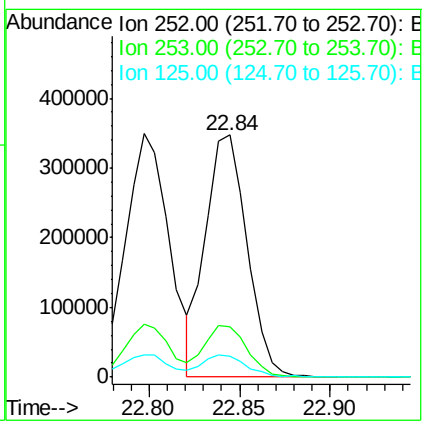


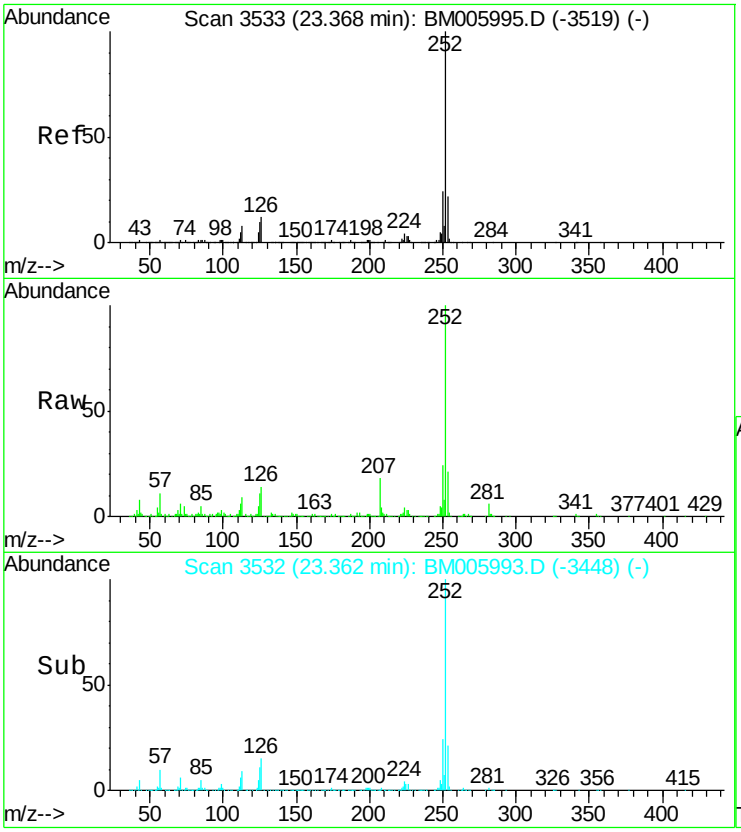


#36
Benzo(k)fluoranthene
Concen: 5.56 ng/ul
RT: 22.84 min Scan# 3444
Delta R.T. -0.00 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Tgt Ion:252 Resp: 551775

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.3	25.9
125	8.7	7.0	10.4



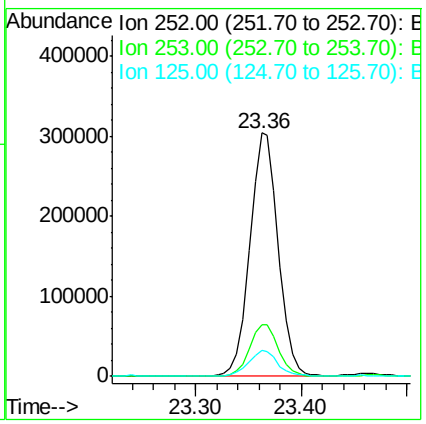


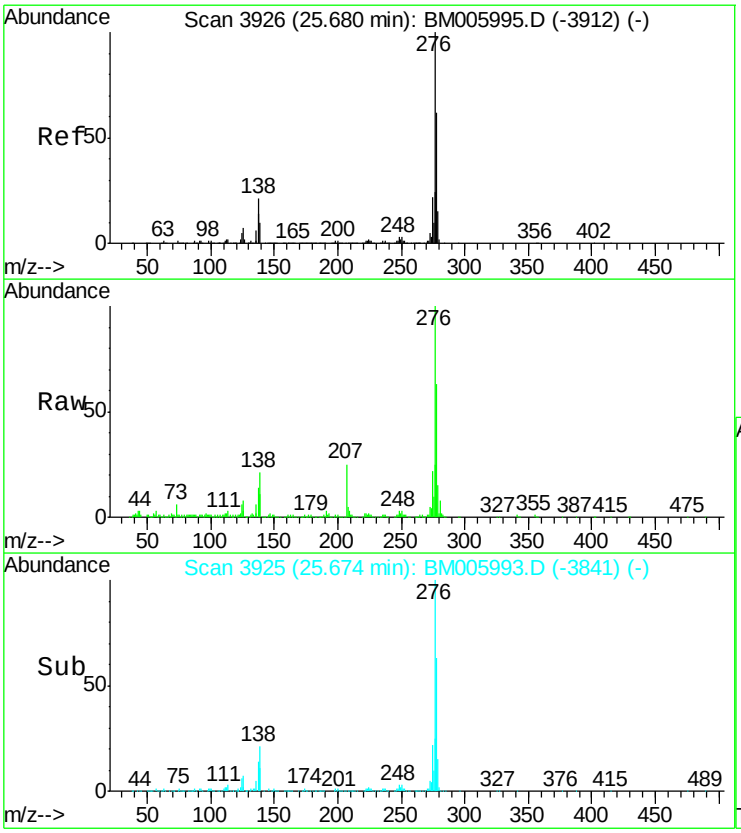
#38
Benzo(a)pyrene
Concen: 5.53 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Tgt Ion:252 Resp: 566487

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.6	26.4
125	10.7	7.8	11.6

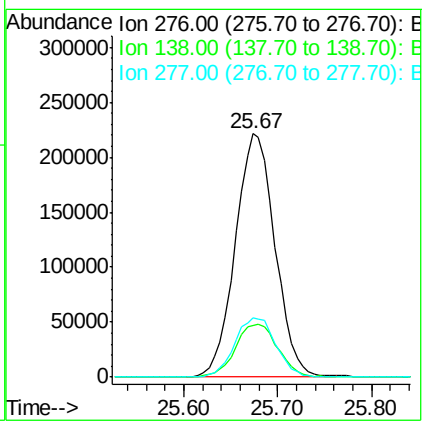


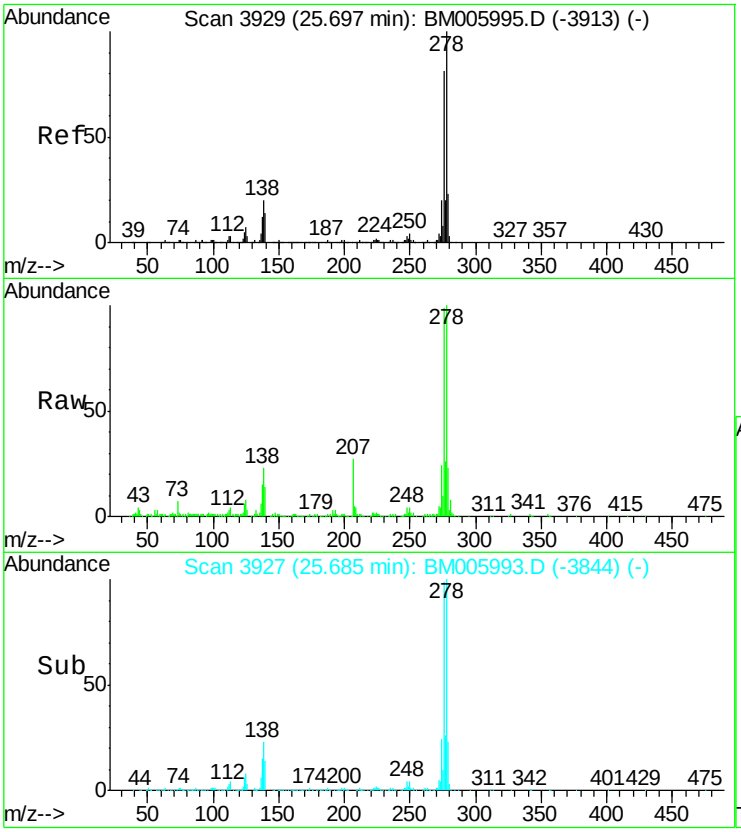


#39
Indeno(1,2,3-cd)pyrene
Concen: 5.31 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Tgt Ion:276 Resp: 647782

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.6	25.0
277	24.5	19.6	29.4



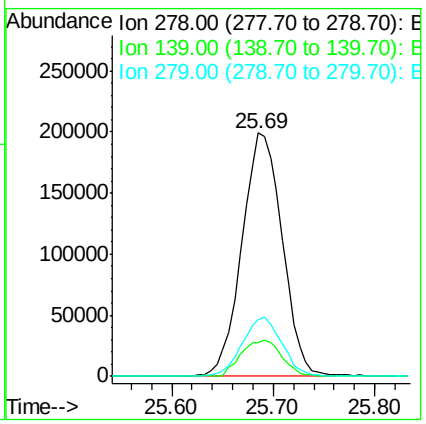


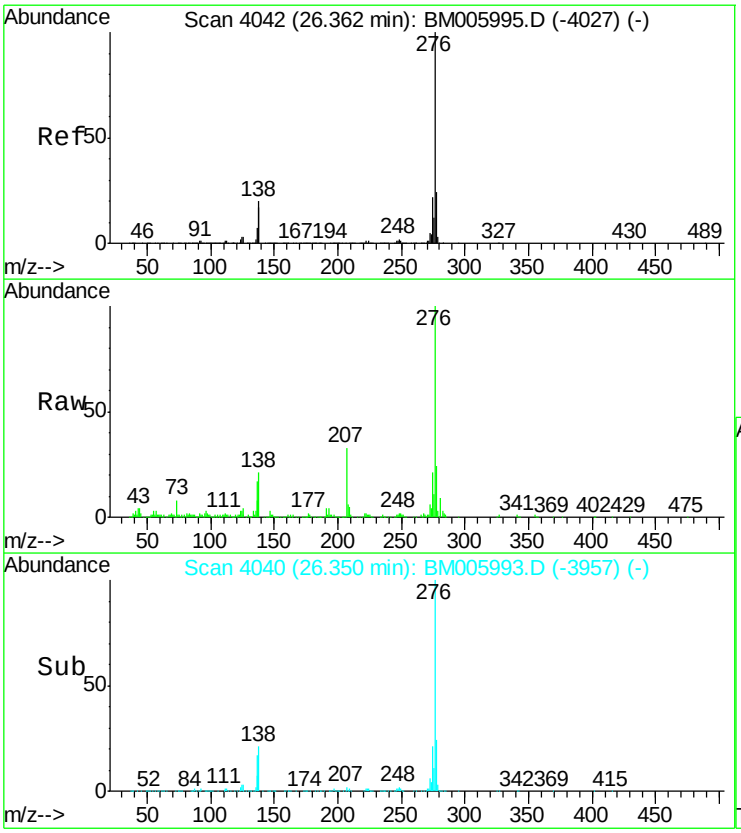
#40
Dibenzo(a,h)anthracene
Concen: 5.41 ng/ul
RT: 25.69 min Scan# 3927
Delta R.T. -0.01 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Instrument :
BNA_M
ClientSampleId :
SSTD00559

Tgt Ion:278 Resp: 548953

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.4	17.2
279	23.2	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 5.13 ng/ul
RT: 26.35 min Scan# 4040
Delta R.T. -0.01 min
Lab File: BM005993.D
Acq: 25 Jun 2016 10:14

Tgt Ion:276 Resp: 541614

Ion	Ratio	Lower	Upper
276	100		
138	21.3	15.9	23.9
277	23.9	19.2	28.8