Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM005995.D
Acq On : 25 Jun 2016 11:26
Operator : UM/SJ
Sample : SSTD02061
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02061

Quant Time: Jun 26 04:21:51 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	140635	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	737014	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	537318	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1434302	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1805651	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	2093037	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	25788	7.63	ng/uL	0.00
3) Phenol-d5	6.83	99	292274	19.75	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	167856	20.39	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	207355	20.12	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	248034	19.86	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	113273	20.19	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	127305	20.39	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	243127	20.30	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	324708	24.99	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	922253	20.05	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1087508	20.38	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	209362	21.34	ng/ul	0.00
21) Fluorene-d10	15.30	176	798610	20.33	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	165613	20.80	ng/ul	0.00
26) Anthracene-d10	17.15	188	1352520	20.53	ng/ul	0.00
30) Pyrene-d10	19.45	212	1630476	20.61	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1939371	20.52	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.49	128	747625	20.30	ng/ul	100
13) 2-Methylnaphthalene	12.11	142	608945	20.55	ng/ul	100
14) 1-Methylnaphthalene	12.33	142	582541	20.54	ng/ul	100
18) Acenaphthylene	14.02	152	1153424	20.51	ng/ul	100
19) Acenaphthene	14.37	153	720390	20.16	ng/ul	100
22) Fluorene	15.36	166	887035	20.61	ng/ul	100
25) Phenanthrene	17.10	178	1570217	20.35	ng/ul	100
27) Anthracene	17.19	178	1631701	20.49	ng/ul	100
28) Fluoranthene	19.12	202	2057598	20.82	ng/ul	100
31) Pyrene	19.48	202	2144047	20.74	ng/ul	100
32) Benzo(a)anthracene	21.23	228	2216276	20.66	ng/ul	100
33) Chrysene	21.29	228	2027650	20.69	ng/ul	100
35) Benzo(b)fluoranthene	22.80	252	2476272	20.36	ng/ul	100
36) Benzo(k)fluoranthene	22.84	252	2353664	20.81	ng/ul	100
38) Benzo(a)pyrene	23.37	252	2390101	20.50	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.68	276	2888973	20.78	ng/ul	100
40) Dibenzo(a,h)anthracene	25.70	278	2406651	20.82	ng/ul	100
41) Benzo(g,h,i)perylene	26.36	276	2499477	20.79	ng/ul	100

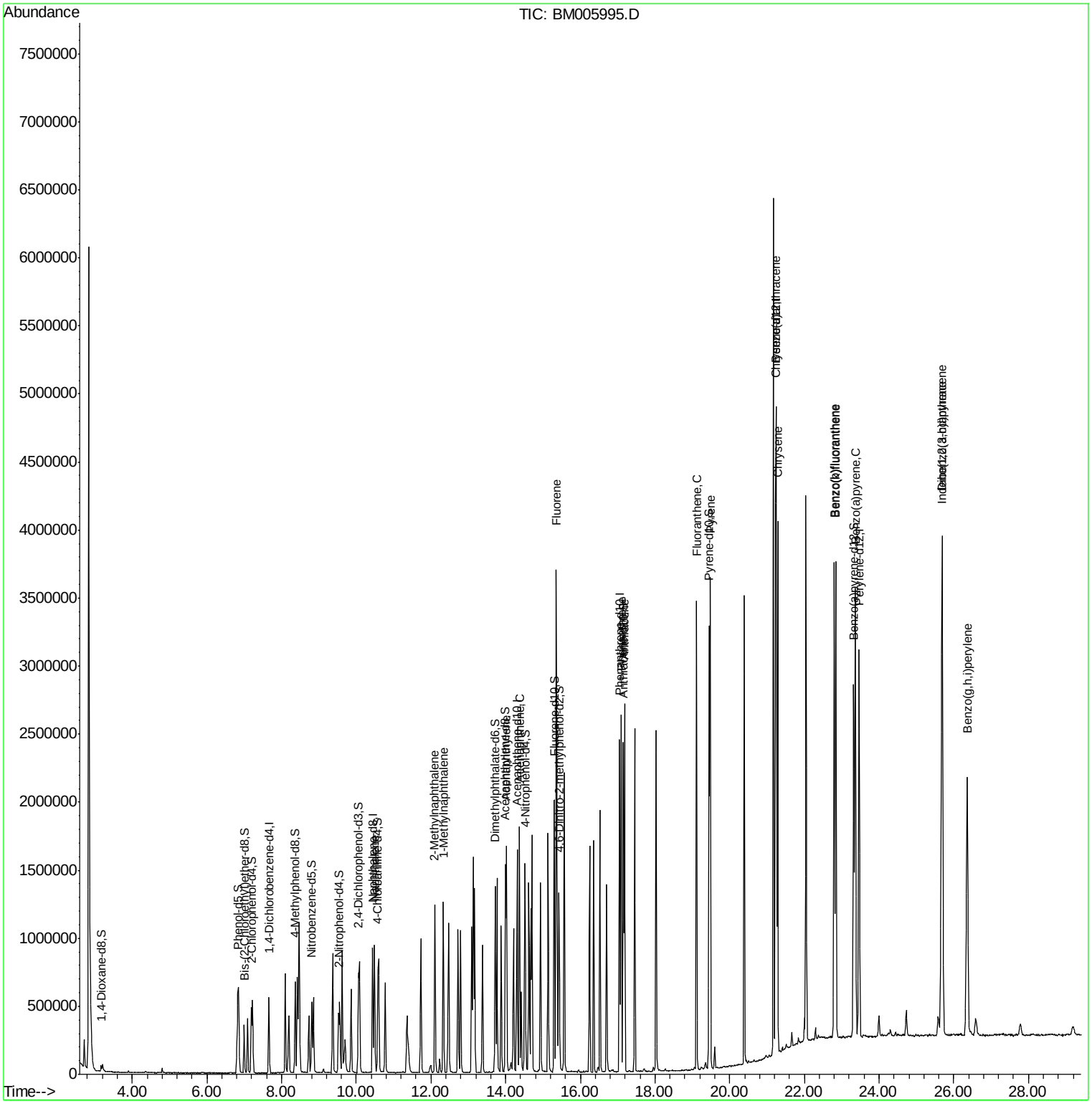
(#) = qualifier out of range (m) = manual integration (+) = signals summed

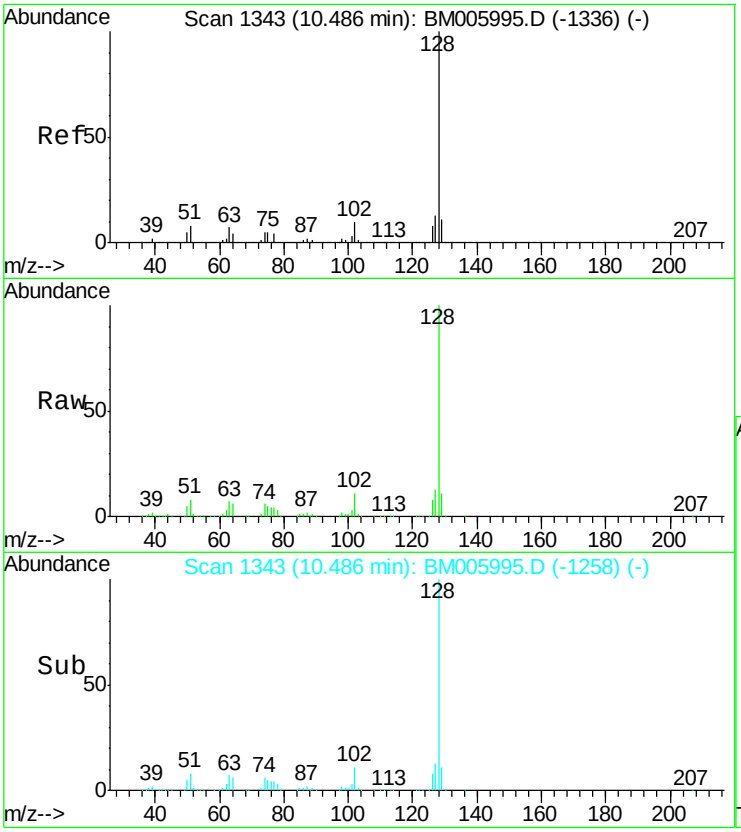
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM005995.D
Acq On : 25 Jun 2016 11:26
Operator : UM/SJ
Sample : SSTD02061
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Quant Time: Jun 26 04:21:51 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



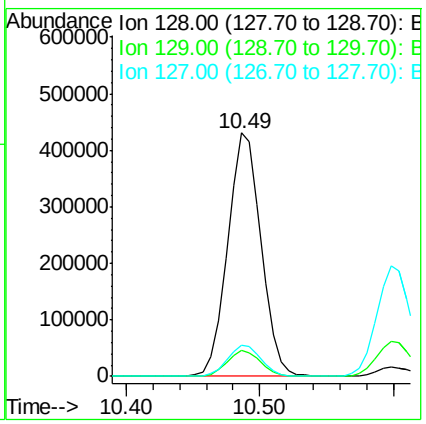


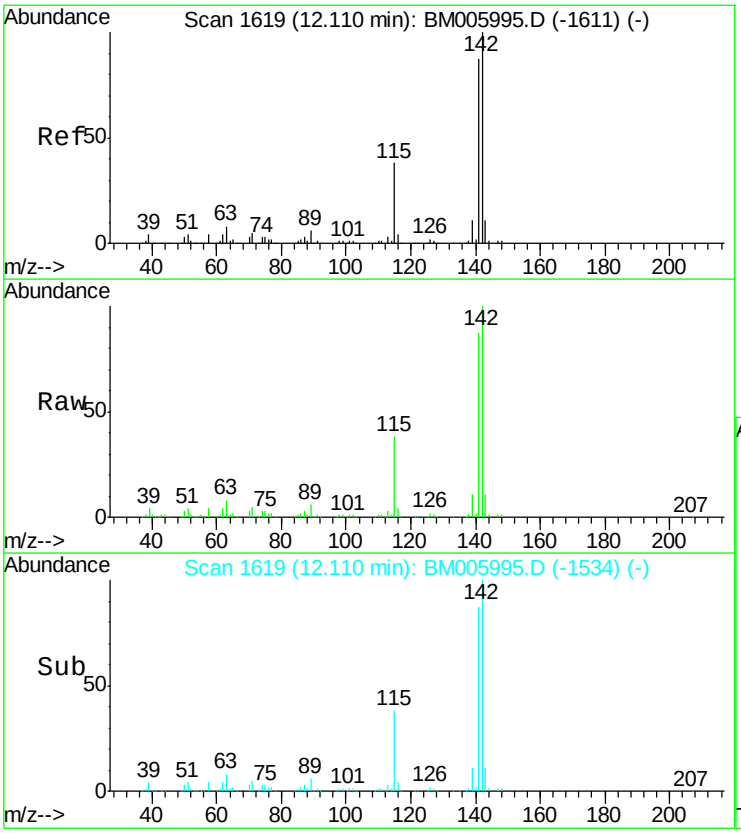
#11
Naphthalene
Concen: 20.30 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Tgt Ion:128 Resp: 747625

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.8	10.2	15.4

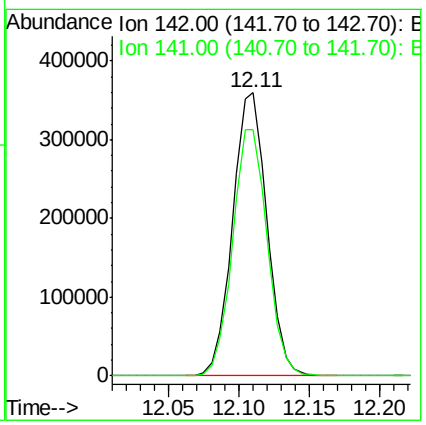


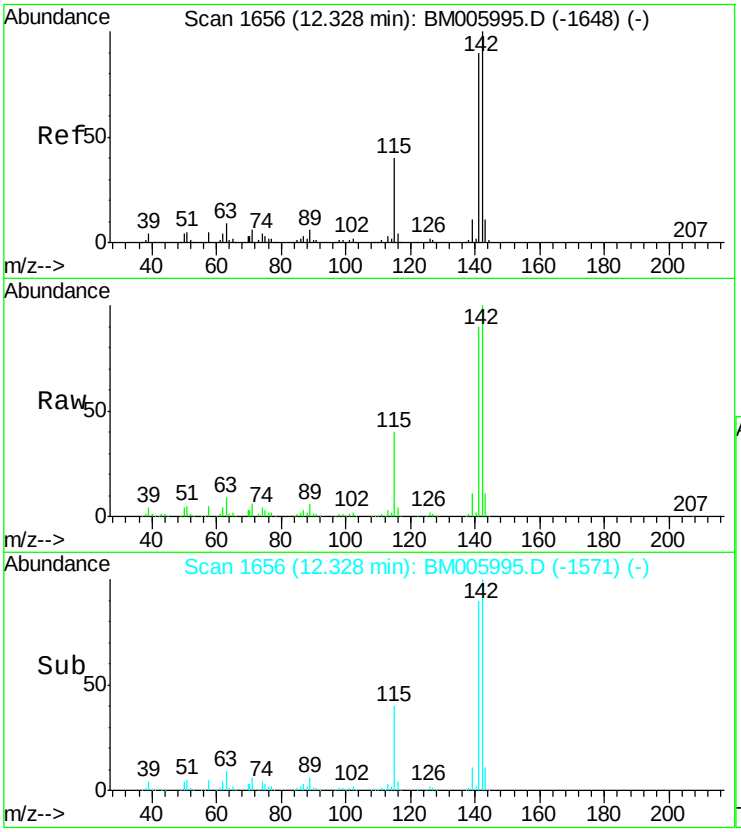


#13
2-Methylnaphthalene
Concen: 20.55 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Tgt Ion:142 Resp: 608945

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.4	104.2



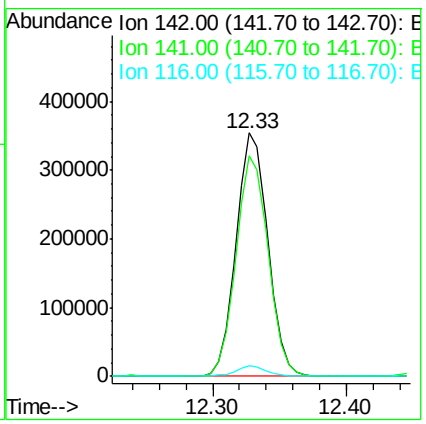


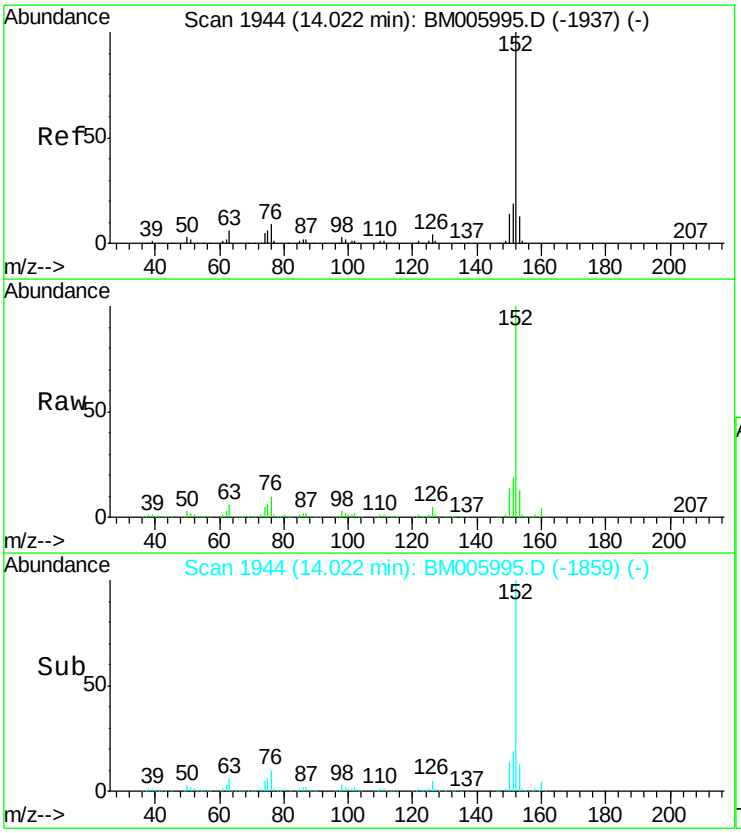
#14
1-Methylnaphthalene
Concen: 20.54 ng/ul
RT: 12.33 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Tgt Ion:142 Resp: 582541

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
116	4.2	3.4	5.0

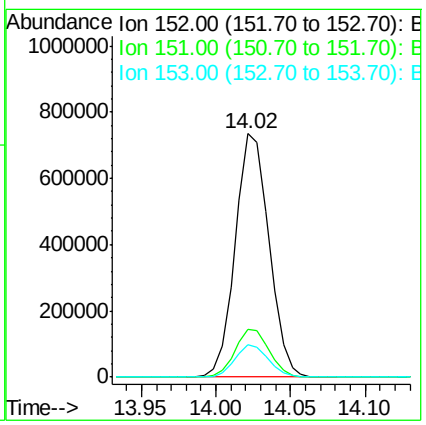


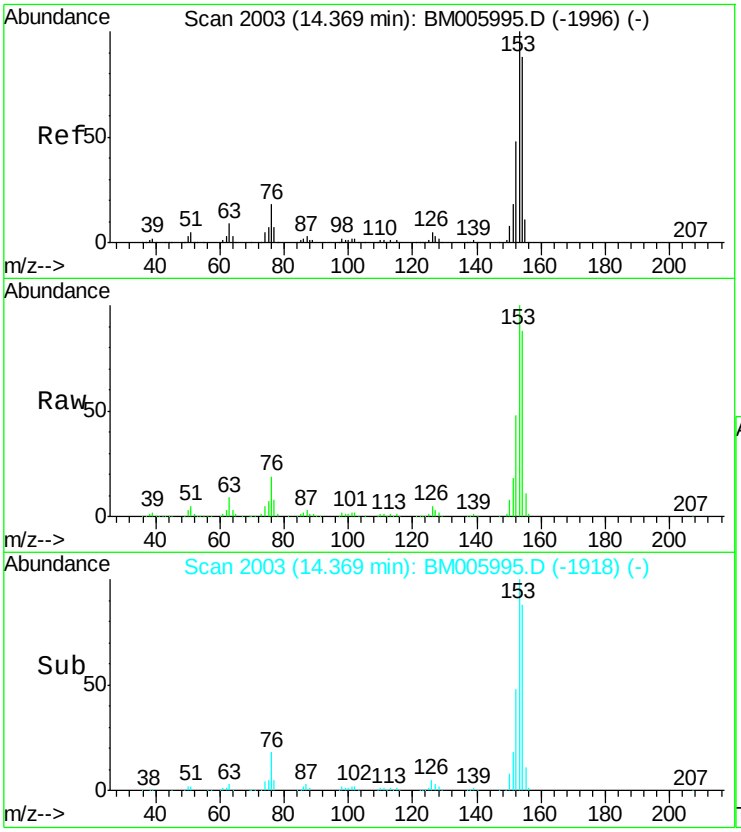


#18
Acenaphthylene
Concen: 20.51 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Tgt Ion:152 Resp: 1153424

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.5	15.7



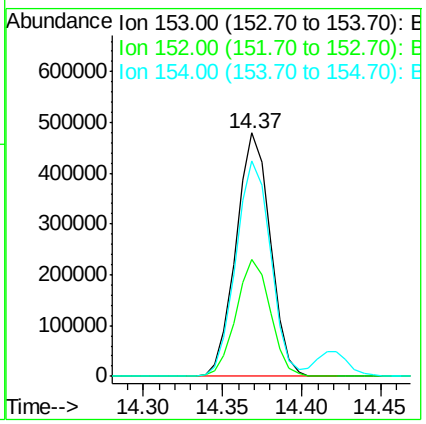


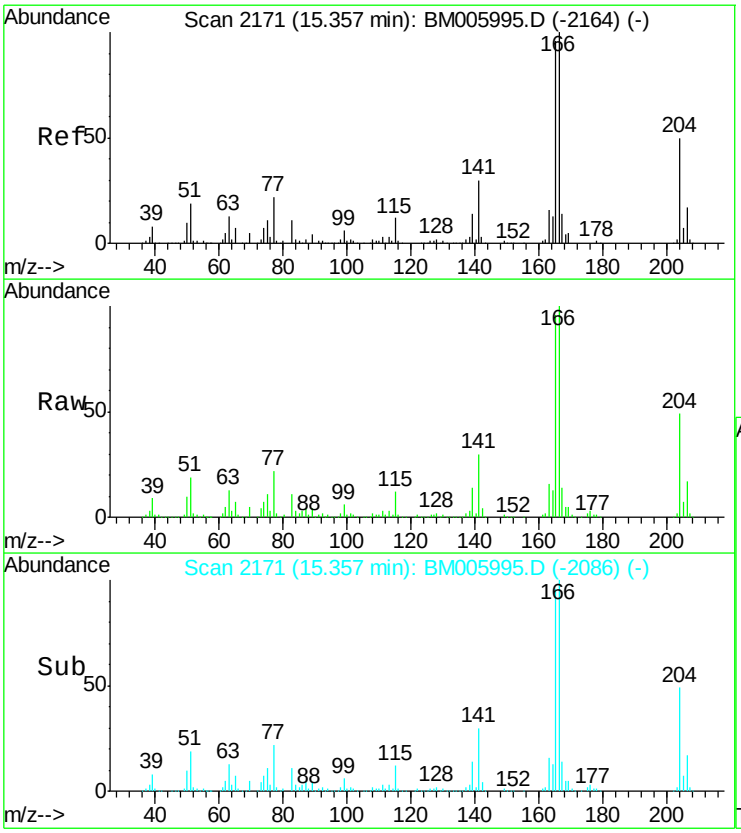
#19
Acenaphthene
Concen: 20.16 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Tgt Ion:153 Resp: 720390

Ion	Ratio	Lower	Upper
153	100		
152	48.2	38.6	57.8
154	88.4	70.7	106.1

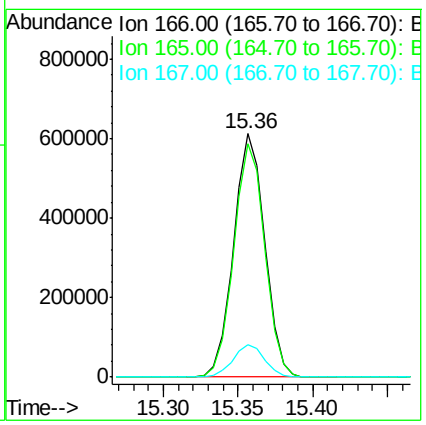


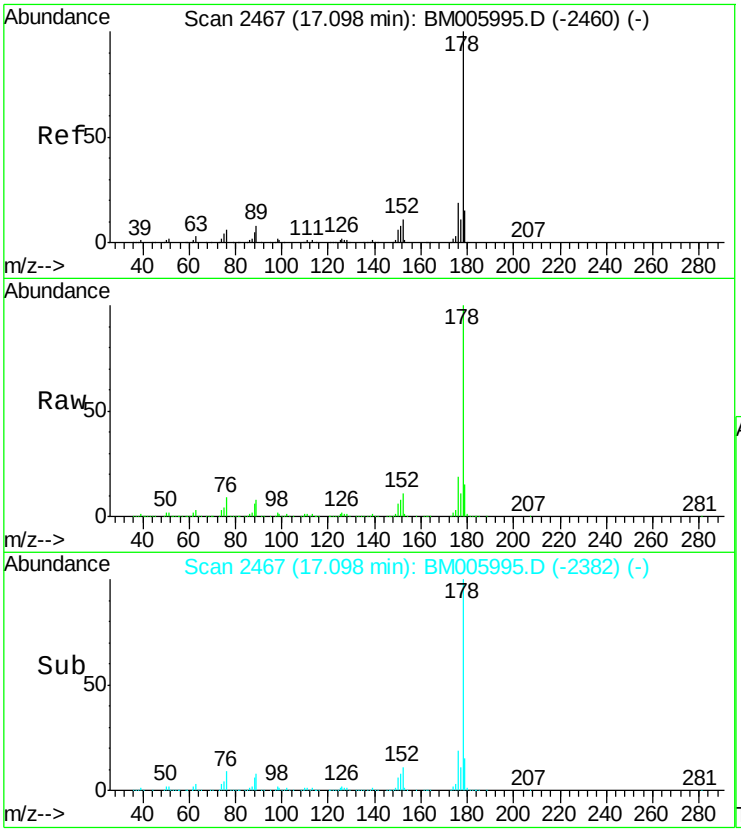


#22
Fluorene
Concen: 20.61 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Tgt Ion:166 Resp: 887035

Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.8	115.2
167	13.5	10.8	16.2



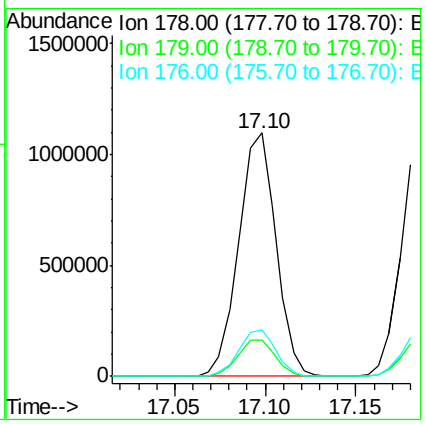


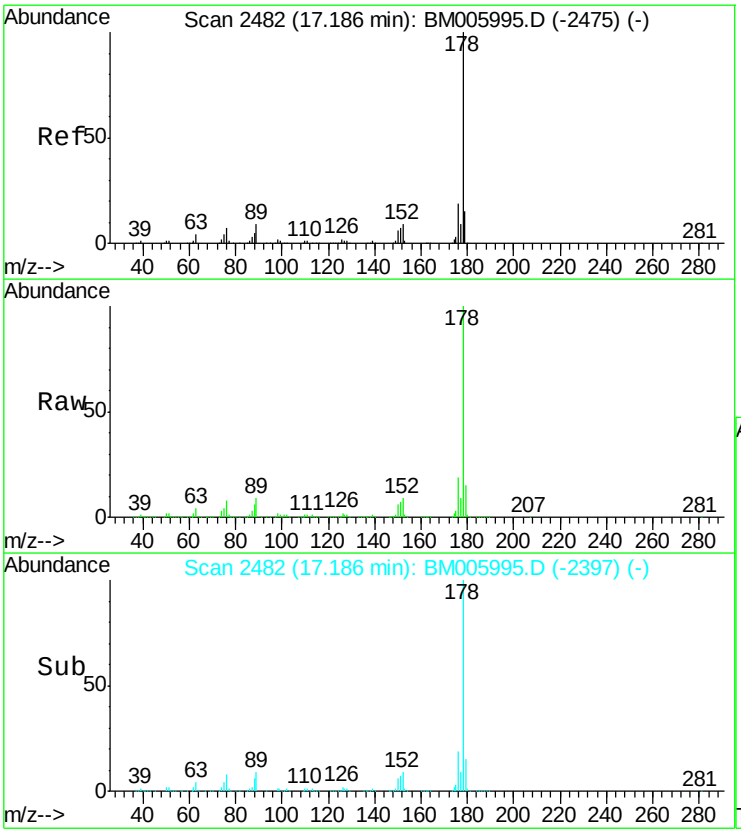
#25
Phenanthrene
Concen: 20.35 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Tgt Ion:178 Resp: 1570217

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	19.2	15.4	23.0

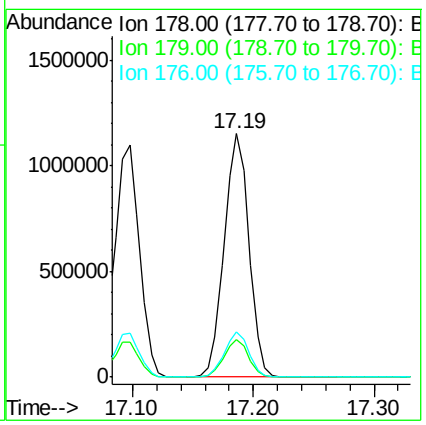


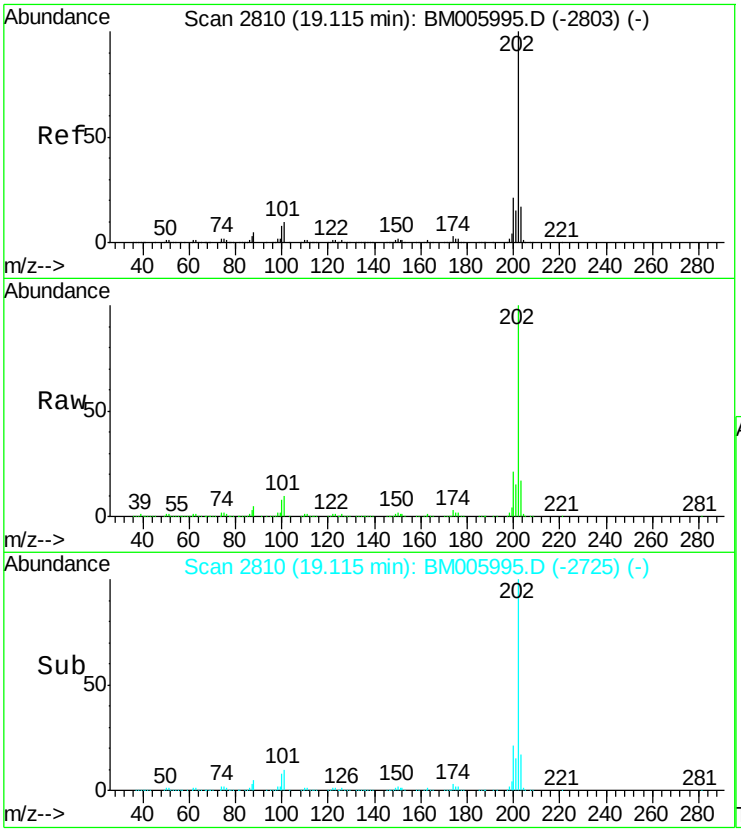


#27
Anthracene
Concen: 20.49 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Tgt Ion:178 Resp: 1631701

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



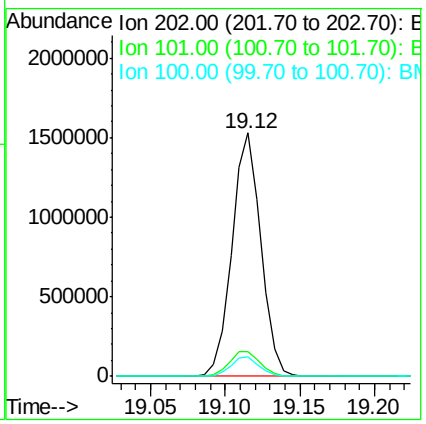


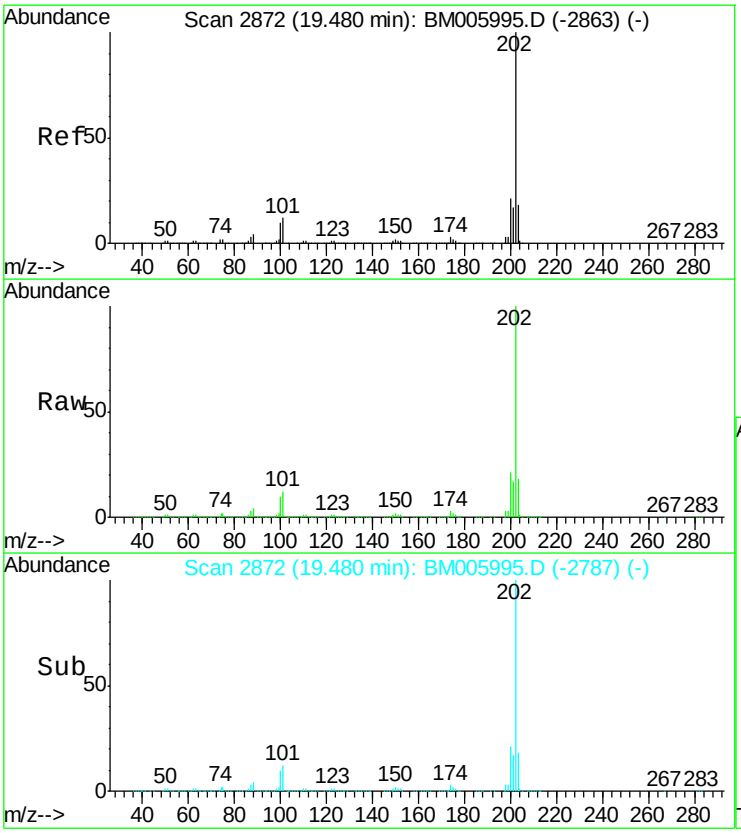
#28
Fluoranthene
Concen: 20.82 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Tgt Ion:202 Resp: 2057598

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.4
100	7.9	6.3	9.5

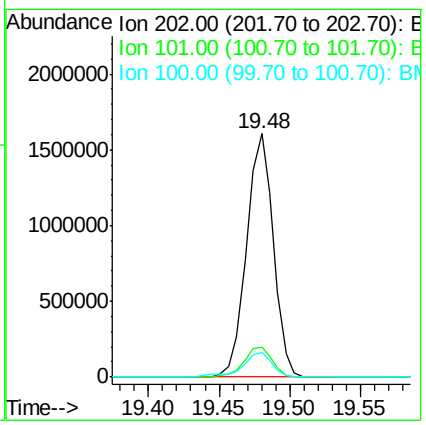


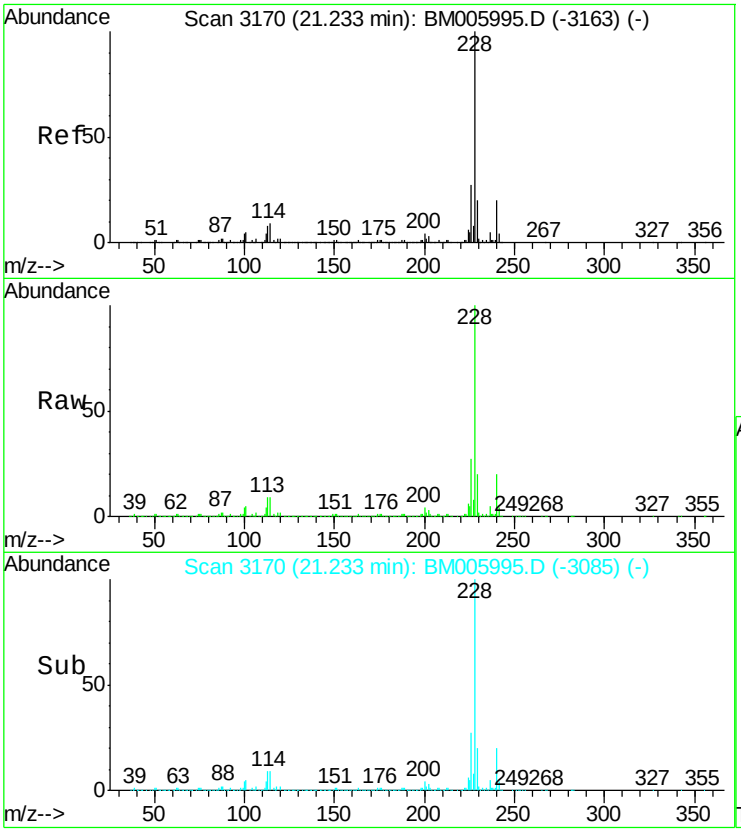


#31
Pyrene
Concen: 20.74 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Tgt Ion:202 Resp: 2144047

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
100	10.2	8.2	12.2



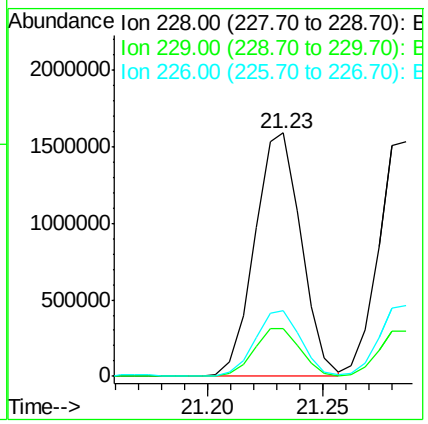


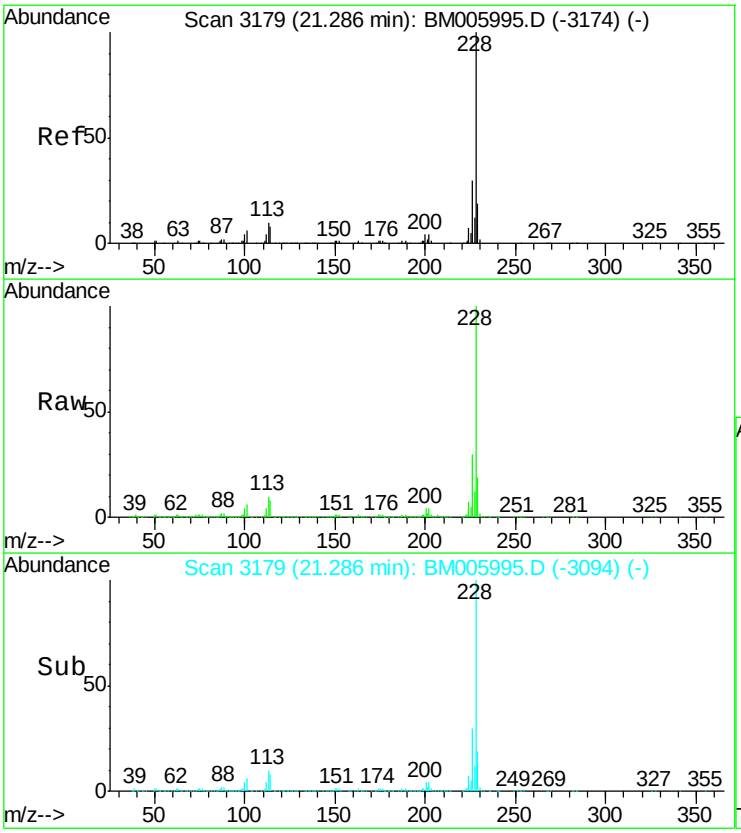
#32
Benzo(a)anthracene
Concen: 20.66 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Tgt Ion:228 Resp: 2216276

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	26.9	21.5	32.3

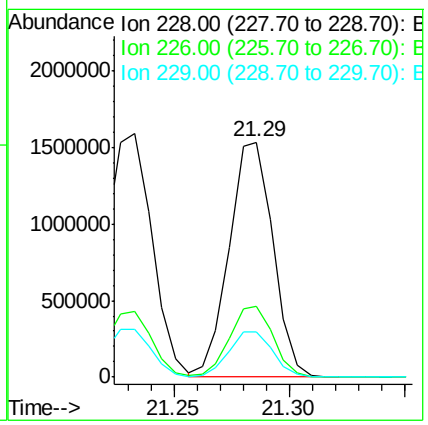


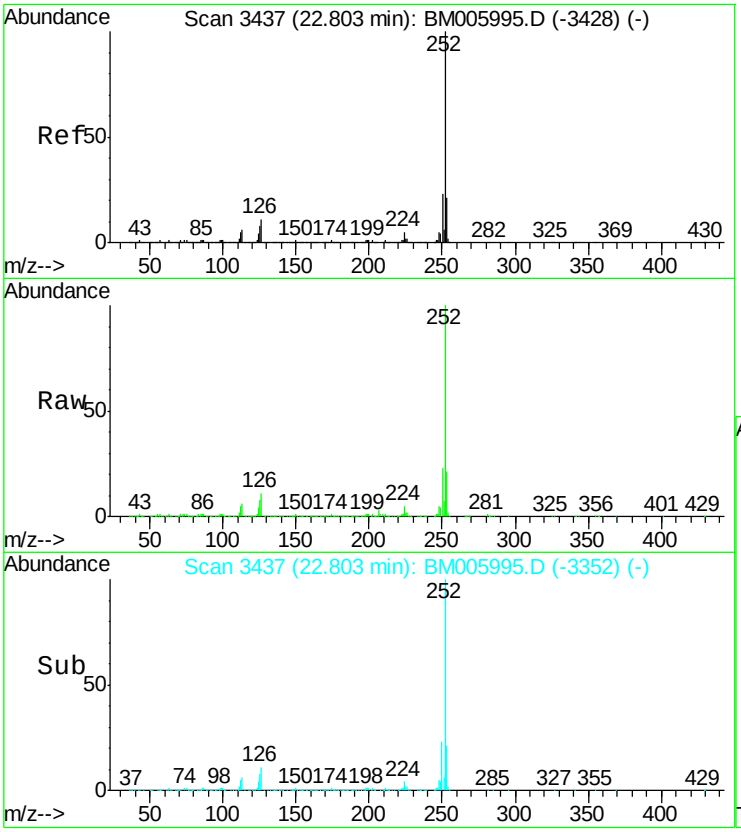


#33
Chrysene
Concen: 20.69 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Tgt Ion:228 Resp: 2027650

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.3	15.4	23.2



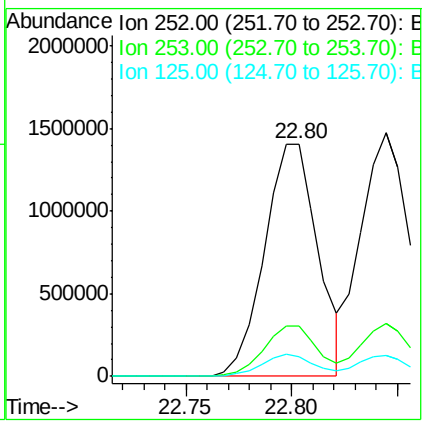


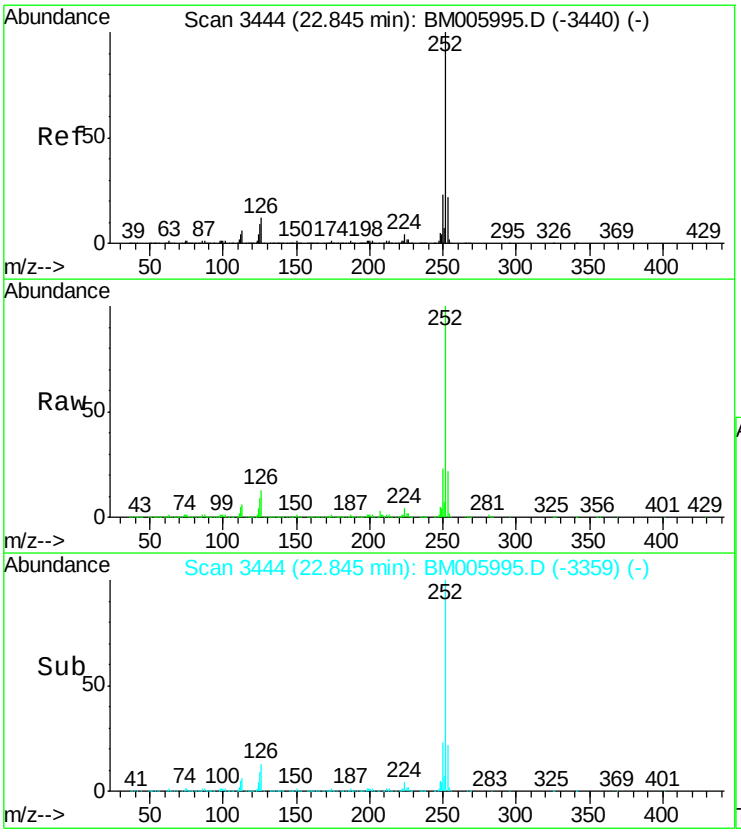
#35
Benzo(b)fluoranthene
Concen: 20.36 ng/ul
RT: 22.80 min Scan# 3437
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Tgt Ion:252 Resp: 2476272

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	8.5	6.8	10.2

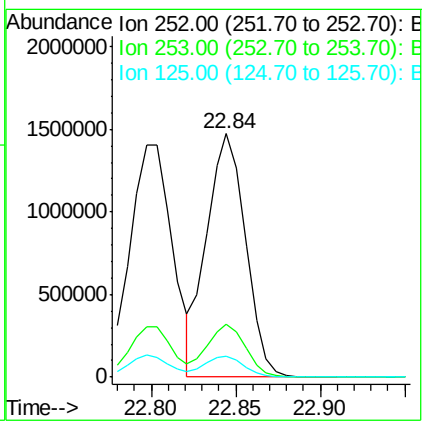


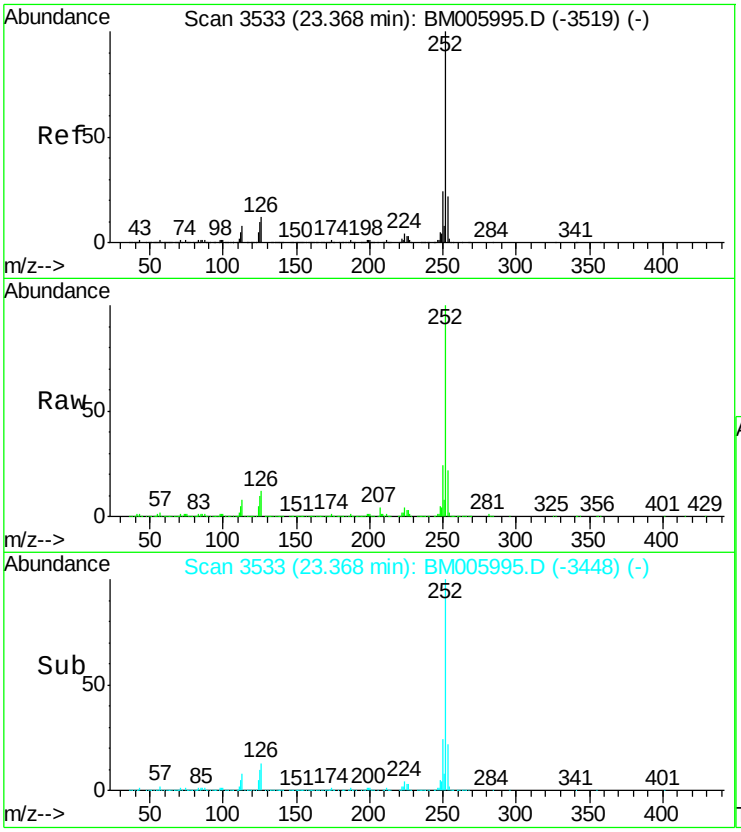


#36
Benzo(k)fluoranthene
Concen: 20.81 ng/ul
RT: 22.84 min Scan# 3444
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Tgt Ion:252 Resp: 2353664

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	8.7	7.0	10.4



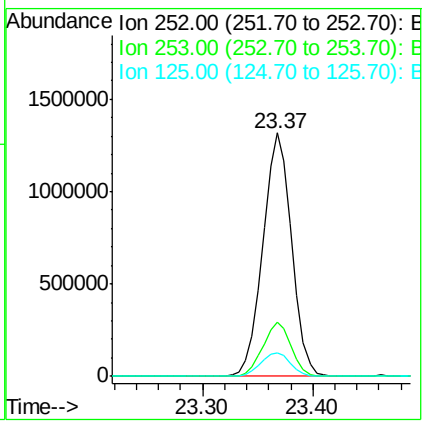


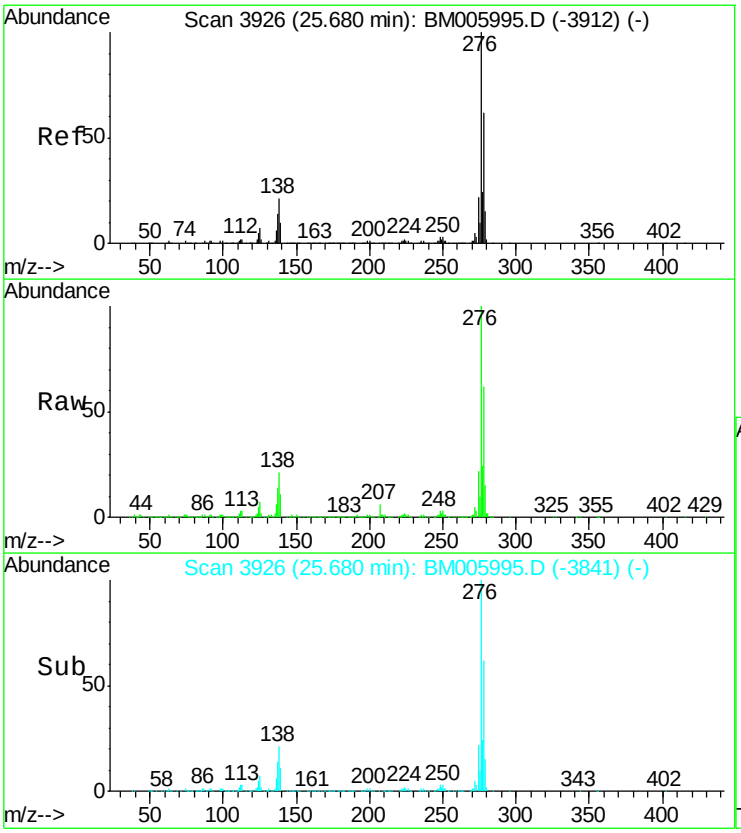
#38
Benzo(a)pyrene
Concen: 20.50 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Tgt Ion:252 Resp: 2390101

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.7	7.8	11.6

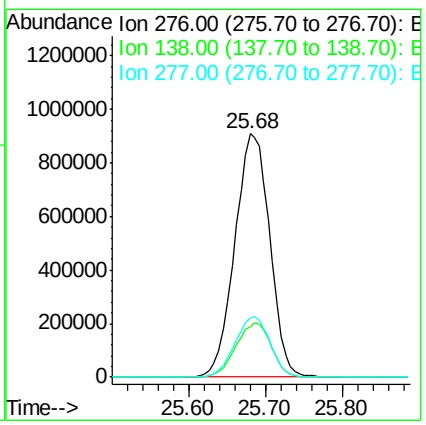


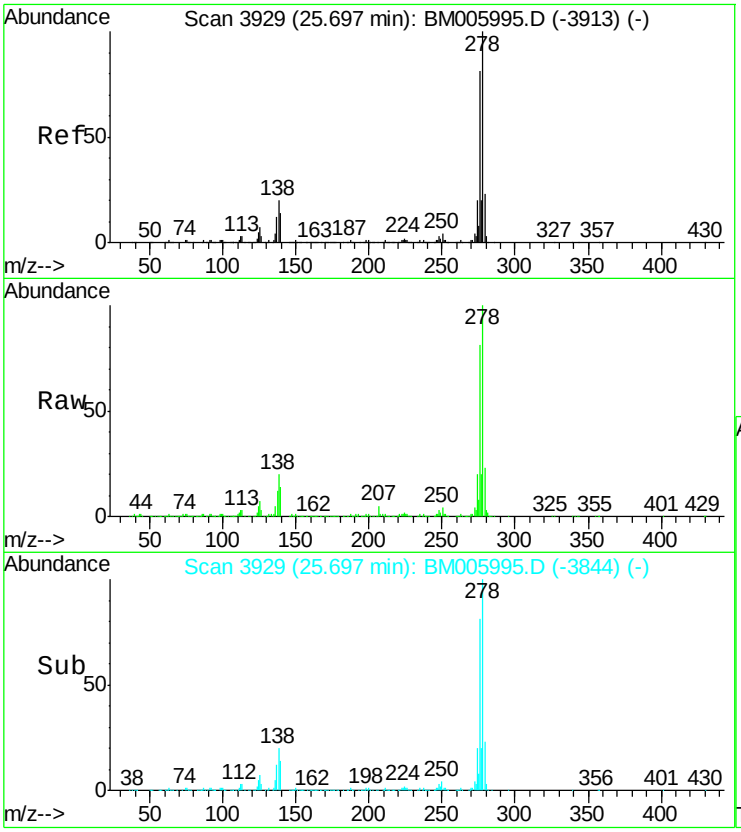


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.78 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Tgt Ion:276 Resp: 2888973

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.6	25.0
277	24.5	19.6	29.4



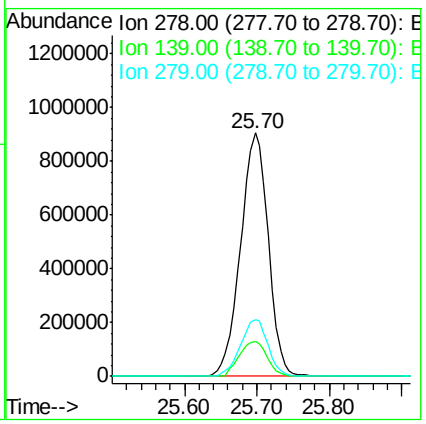


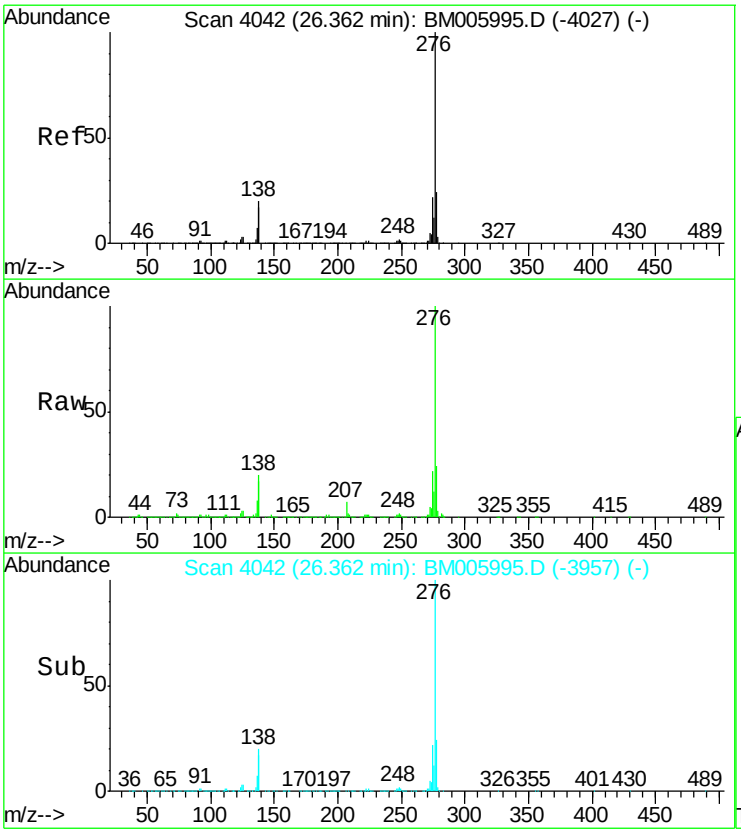
#40
Dibenzo(a,h)anthracene
Concen: 20.82 ng/ul
RT: 25.70 min Scan# 3929
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Tgt Ion:278 Resp: 2406651

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.4	17.2
279	23.5	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 20.79 ng/ul
RT: 26.36 min Scan# 4042
Delta R.T. 0.00 min
Lab File: BM005995.D
Acq: 25 Jun 2016 11:26

Tgt Ion:276 Resp: 2499477

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.9	23.9
277	24.0	19.2	28.8