Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080916\
Data File : BM006990.D
Acq On : 09 Aug 2016 20:08
Operator : UM/SJ
Sample : SSTD01035
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01035

Quant Time: Aug 10 01:21:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:21:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	304432	20.00	ng/ul	0.00
7) Naphthalene-d8	10.61	136	1385576	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	931932	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.20	188	2347933	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	3026463	20.00	ng/ul	0.00
34) Perylene-d12	23.66	264	3029441	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	26225	3.94	ng/uL	0.00
3) Phenol-d5	6.98	99	265875	9.20	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.16	67	157012	8.91	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	204563	9.92	ng/ul	0.00
6) 4-Methylphenol-d8	8.52	113	224482	9.28	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	103815	10.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	118076	9.68	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	236750	10.11	ng/ul	0.00
12) 4-Chloroaniline-d4	10.74	131	281242	10.06	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	805684	9.86	ng/ul	0.00
17) Acenaphthylene-d8	14.15	160	940616	9.91	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	143761	11.19	ng/ul	0.00
21) Fluorene-d10	15.44	176	686852	9.85	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.56	200	101493	9.44	ng/ul	0.00
26) Anthracene-d10	17.29	188	1110539	9.78	ng/ul	0.00
30) Pyrene-d10	19.59	212	1333910	9.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.50	264	1381115	9.61	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.66	128	699395	9.86	ng/ul	99
13) 2-Methylnaphthalene	12.27	142	559662	9.87	ng/ul	98
14) 1-Methylnaphthalene	12.49	142	533954	9.81	ng/ul	97
18) Acenaphthylene	14.17	152	976181	9.83	ng/ul	99
19) Acenaphthene	14.52	153	626544	9.66	ng/ul	98
22) Fluorene	15.50	166	769951	9.51	ng/ul	97
25) Phenanthrene	17.24	178	1289878	9.82	ng/ul	100
27) Anthracene	17.33	178	1344051	9.81	ng/ul	99
28) Fluoranthene	19.25	202	1665275	10.42	ng/ul	99
31) Pyrene	19.62	202	1743650	9.22	ng/ul	100
32) Benzo(a)anthracene	21.36	228	1831808	10.16	ng/ul	99
33) Chrysene	21.41	228	1688025	10.58	ng/ul	99
35) Benzo(b)fluoranthene	22.97	252	1909080	9.62	ng/ul	99
36) Benzo(k)fluoranthene	23.02	252	1750973	9.22	ng/ul	100
38) Benzo(a)pyrene	23.56	252	1748480	9.76	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.96	276	1769586	9.81	ng/ul	99
40) Dibenzo(a,h)anthracene	25.97	278	1466760	9.68	ng/ul	99
41) Benzo(g,h,i)perylene	26.66	276	1443062	10.06	ng/ul	99

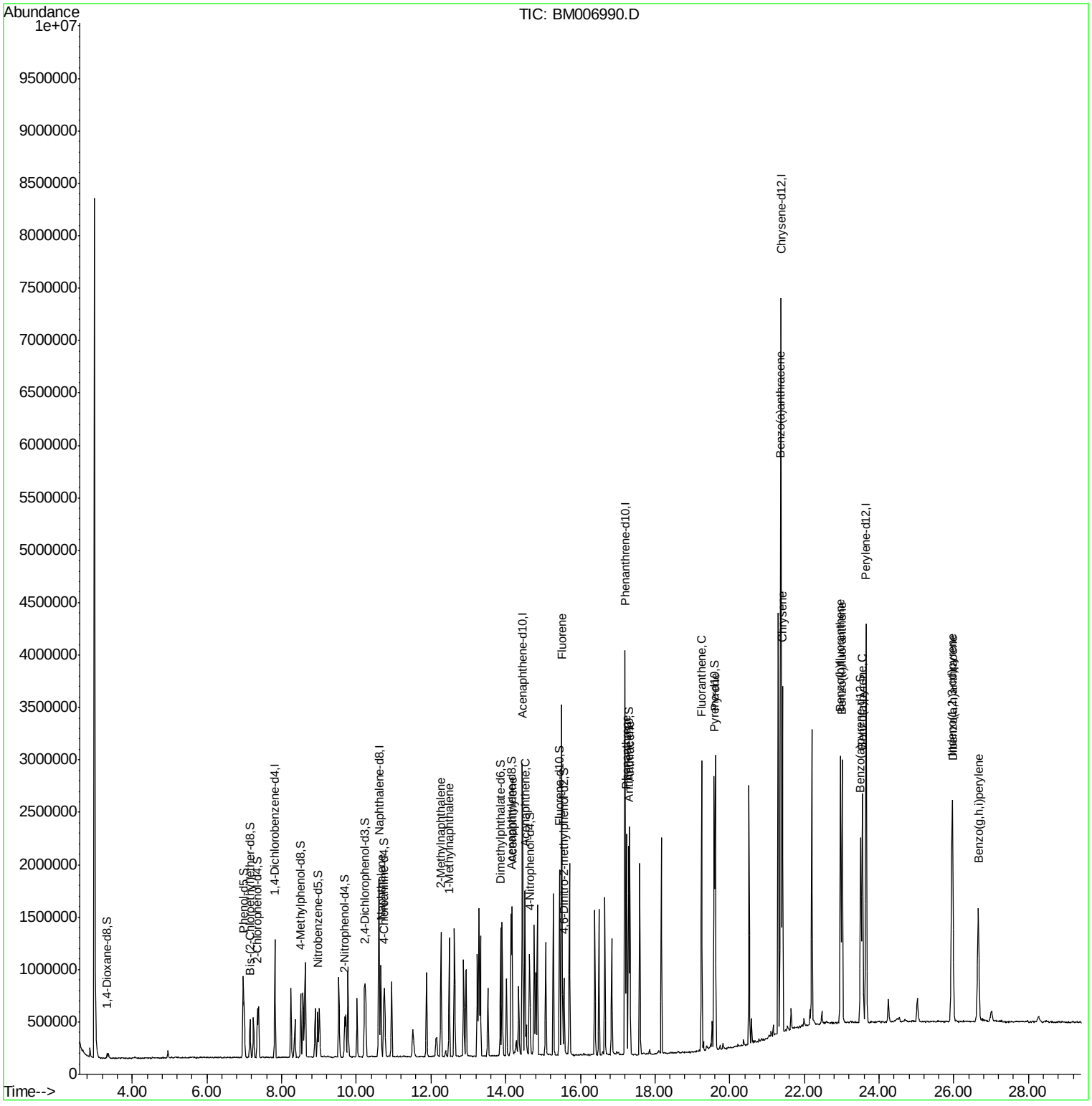
(#) = qualifier out of range (m) = manual integration (+) = signals summed

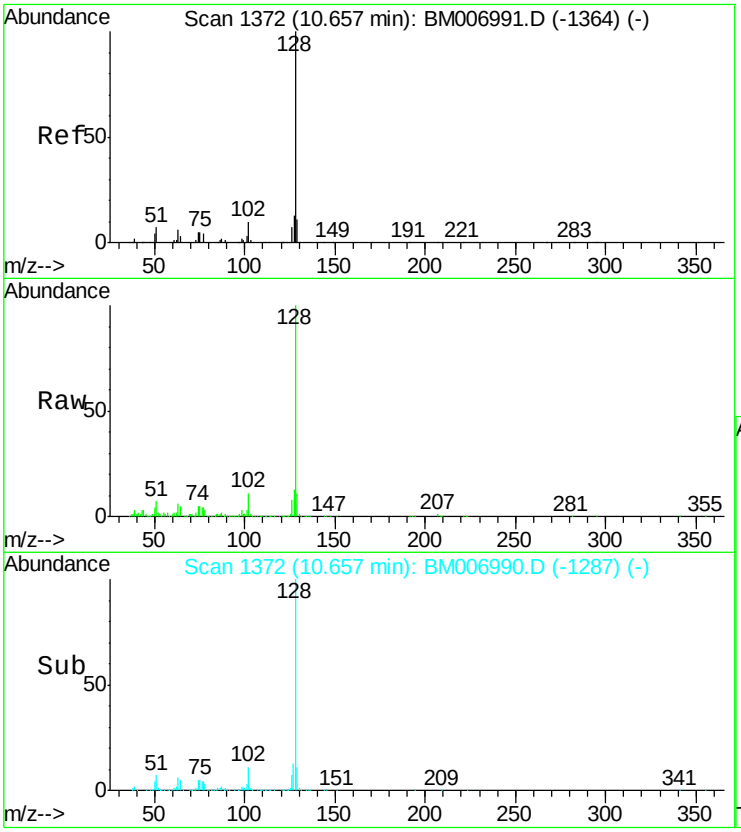
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080916\
Data File : BM006990.D
Acq On : 09 Aug 2016 20:08
Operator : UM/SJ
Sample : SSTD01035
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Quant Time: Aug 10 01:21:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:21:42 2016
Response via : Initial Calibration



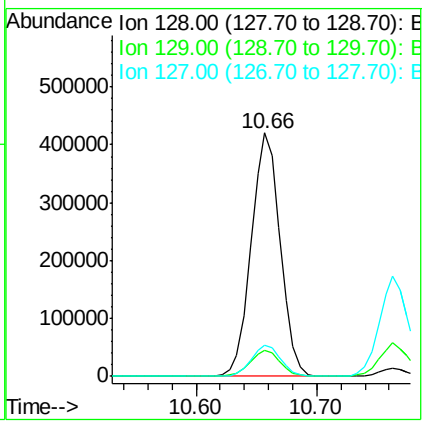


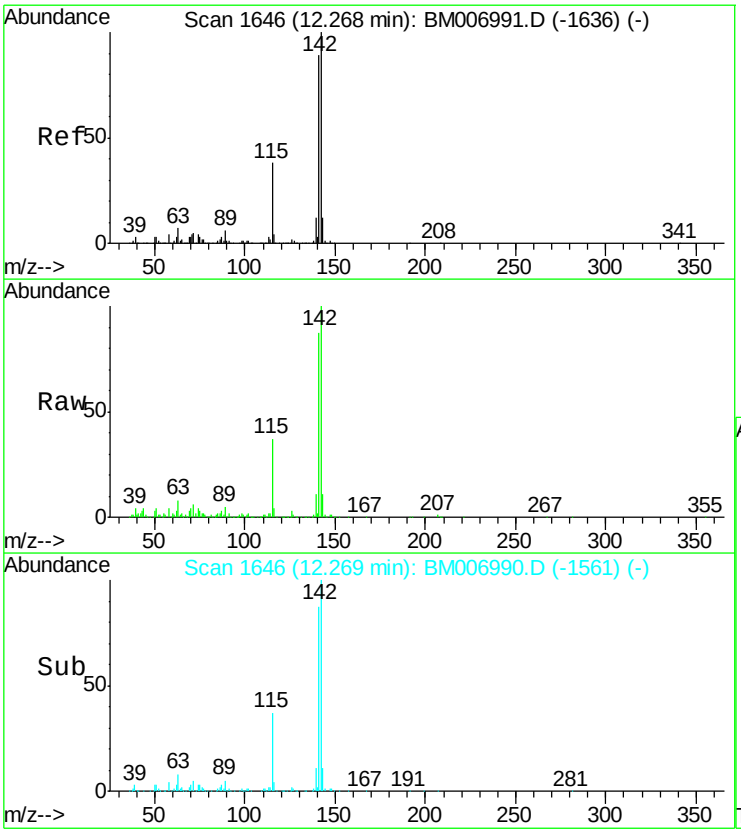
#11
Naphthalene
Concen: 9.86 ng/ul
RT: 10.66 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:128 Resp: 699395

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.0	10.4	15.6

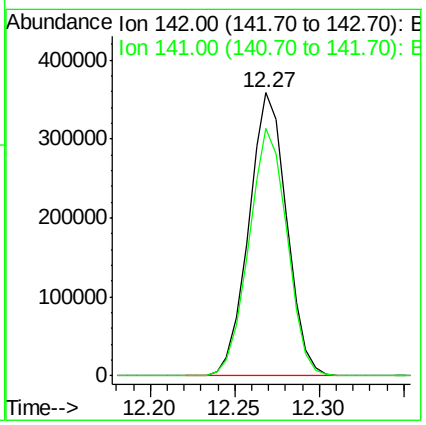


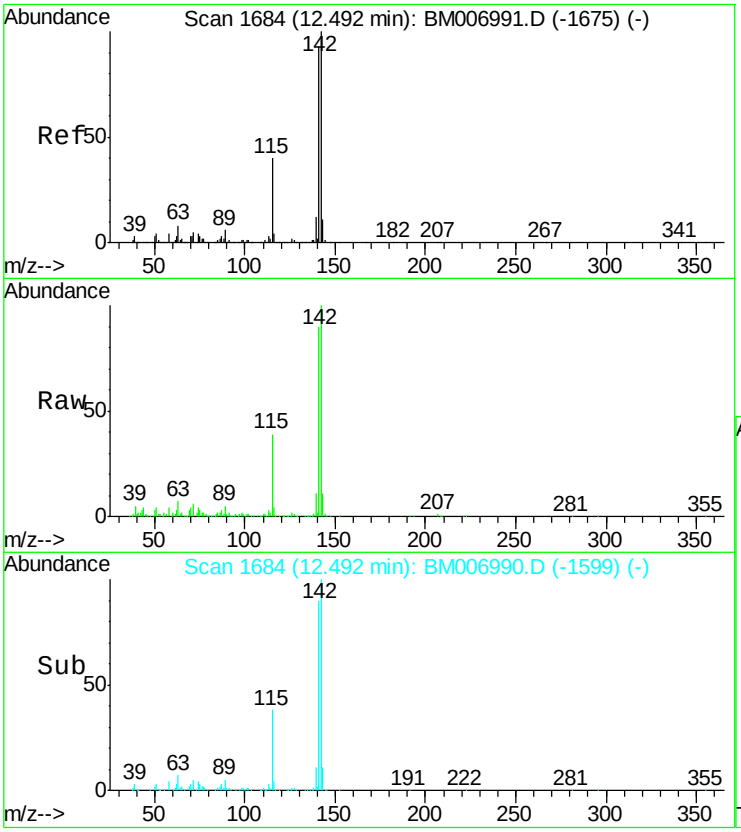


#13
2-Methylnaphthalene
Concen: 9.87 ng/ul
RT: 12.27 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Tgt Ion:142 Resp: 559662

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.0	106.6



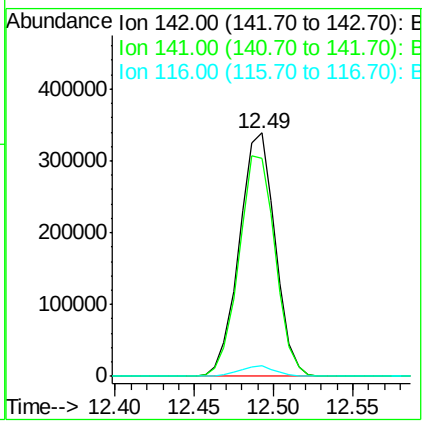


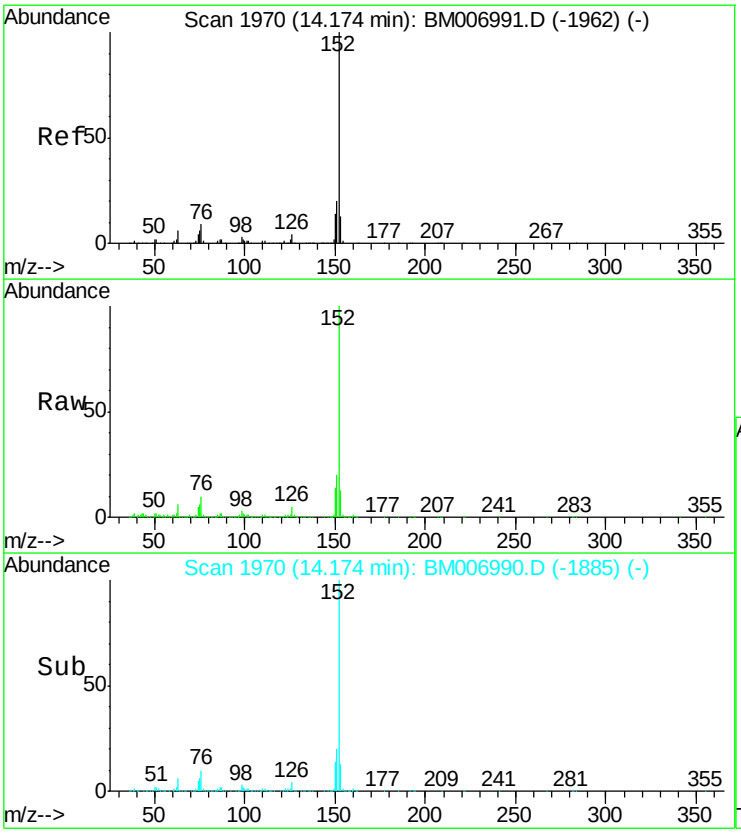
#14
1-Methylnaphthalene
Concen: 9.81 ng/ul
RT: 12.49 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:142 Resp: 533954

Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.4	111.6
116	4.1	3.2	4.8

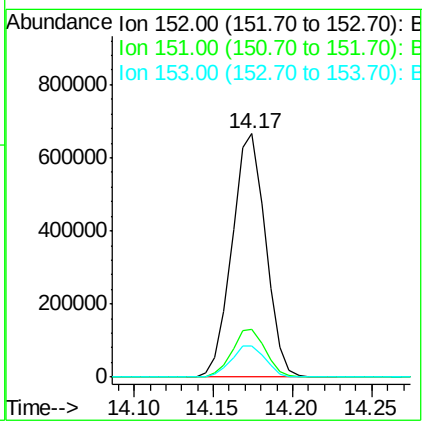


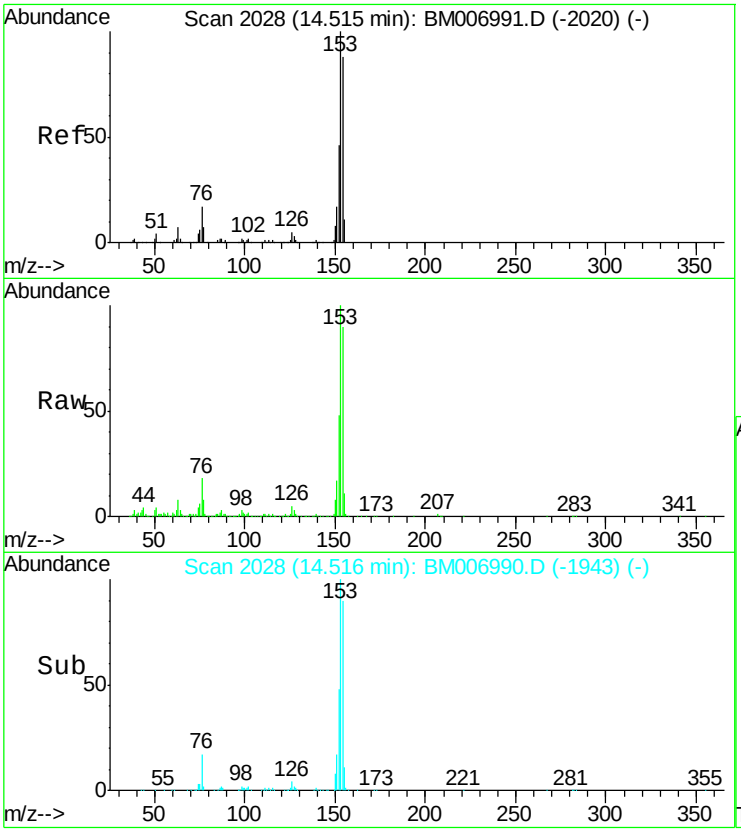


#18
Acenaphthylene
Concen: 9.83 ng/ul
RT: 14.17 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Tgt Ion:152 Resp: 976181

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.0	10.4	15.6



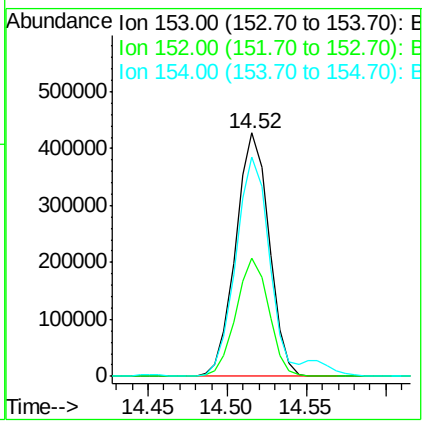


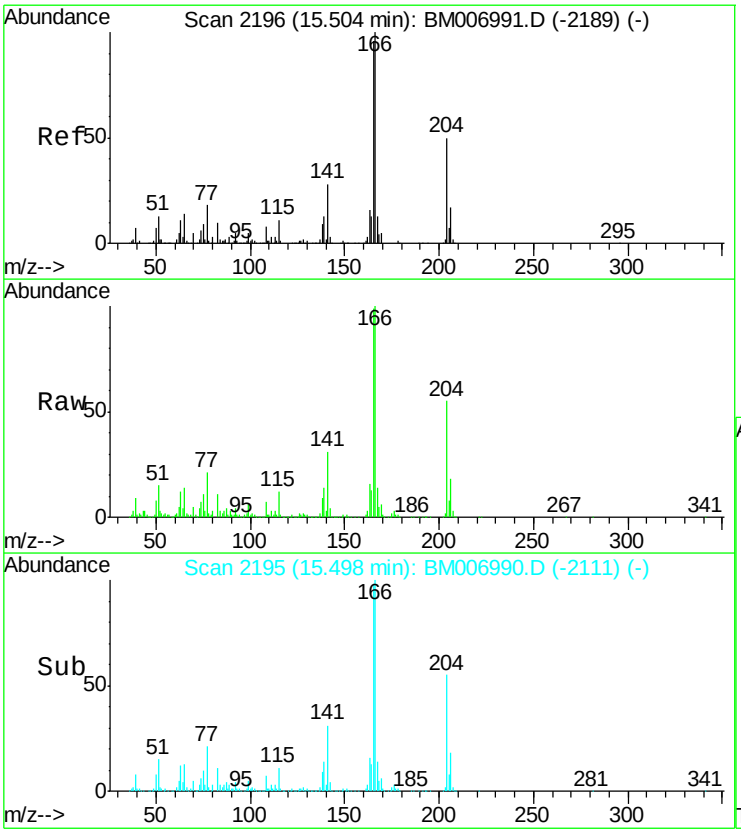
#19
Acenaphthene
Concen: 9.66 ng/ul
RT: 14.52 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:153 Resp: 626544

Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.0	55.6
154	90.1	70.9	106.3

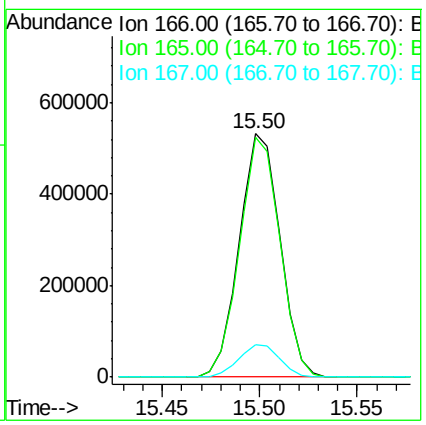


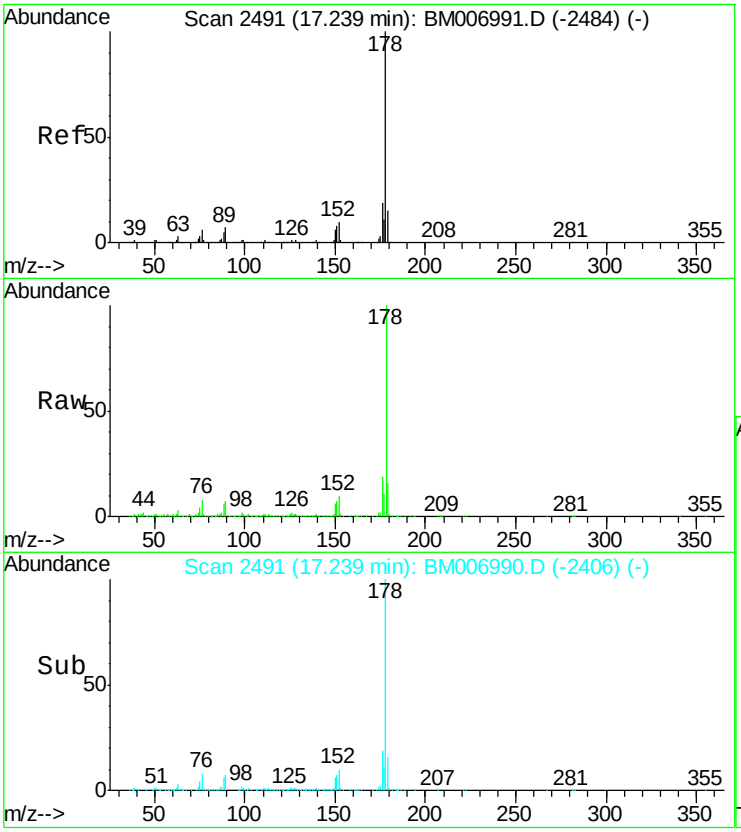


#22
Fluorene
Concen: 9.51 ng/ul
RT: 15.50 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Tgt Ion:166 Resp: 769951

Ion	Ratio	Lower	Upper
166	100		
165	98.5	76.6	115.0
167	13.6	10.7	16.1



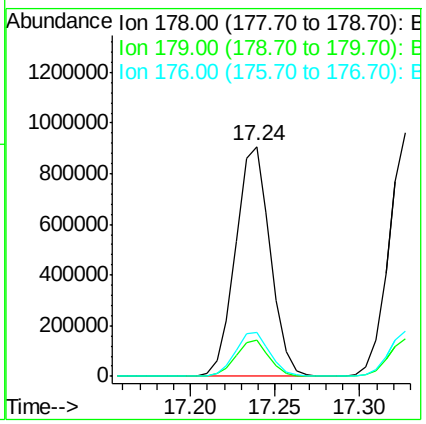


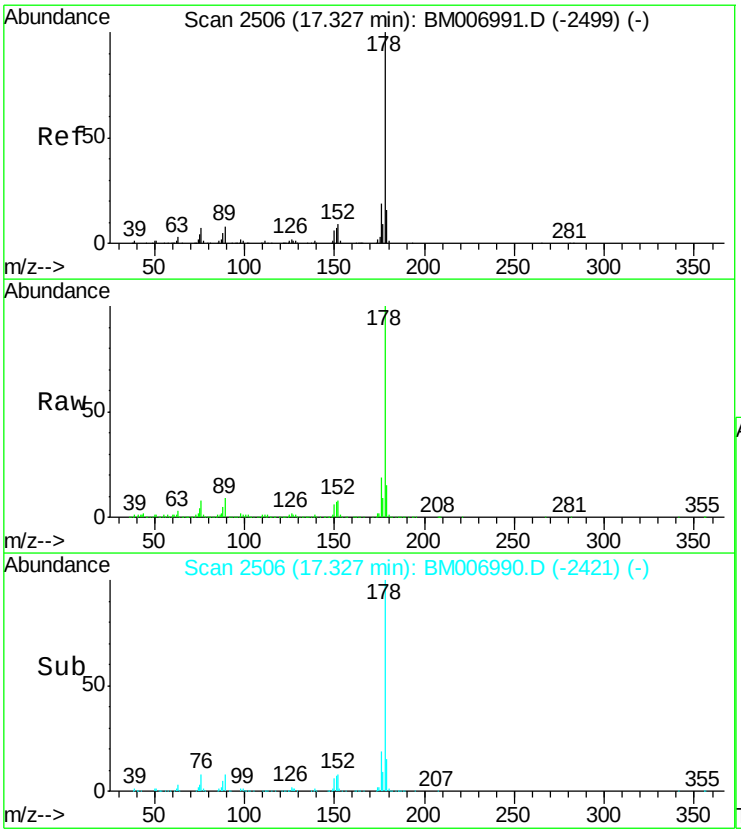
#25
Phenanthrene
Concen: 9.82 ng/ul
RT: 17.24 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:178 Resp: 1289878

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.0	15.2	22.8

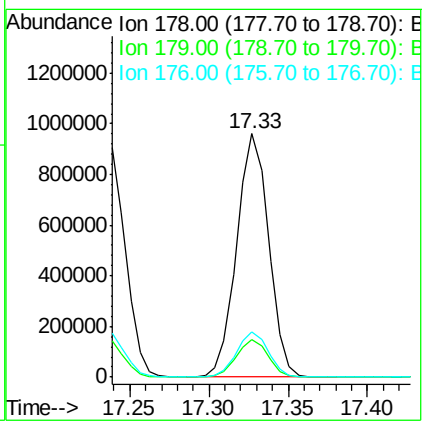


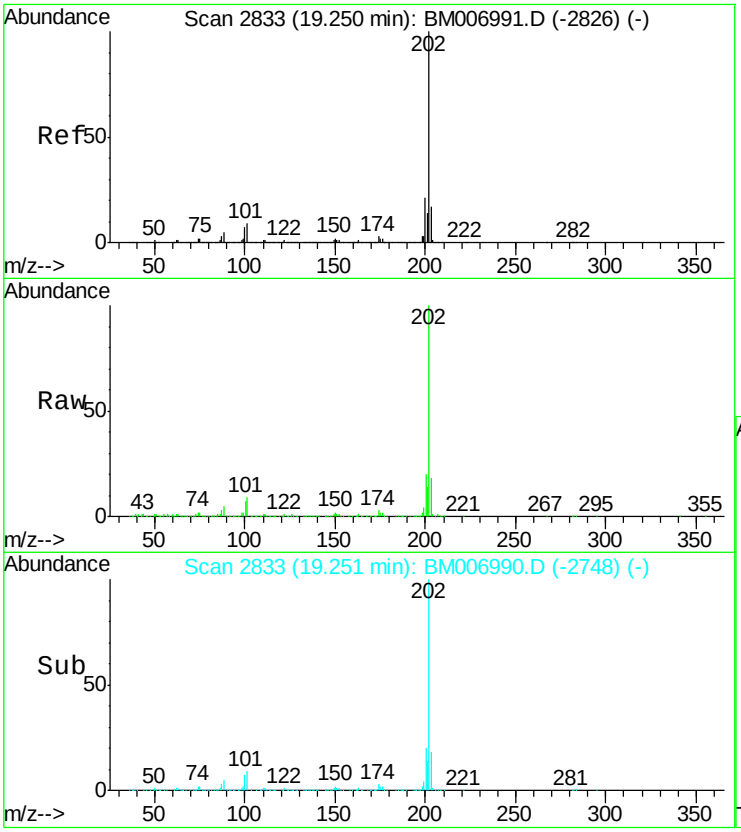


#27
Anthracene
Concen: 9.81 ng/ul
RT: 17.33 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Tgt Ion:178 Resp: 1344051

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	18.5	15.0	22.4



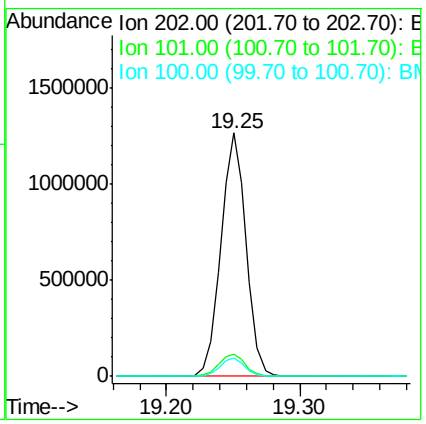


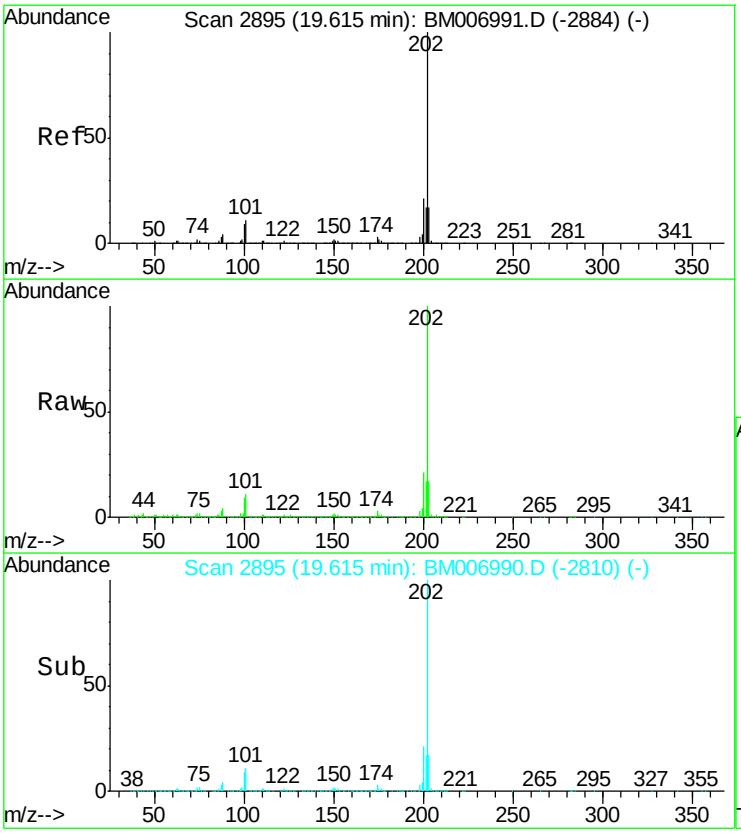
#28
Fluoranthene
Concen: 10.42 ng/ul
RT: 19.25 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:202 Resp: 1665275

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.4	11.2
100	7.4	5.8	8.6

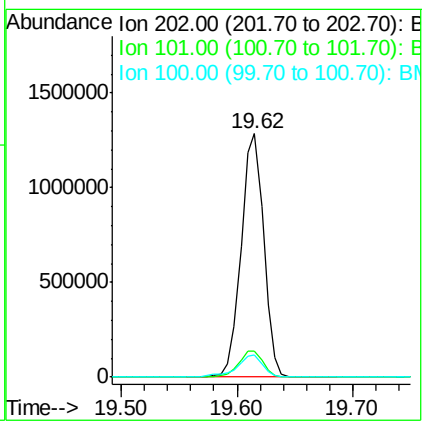


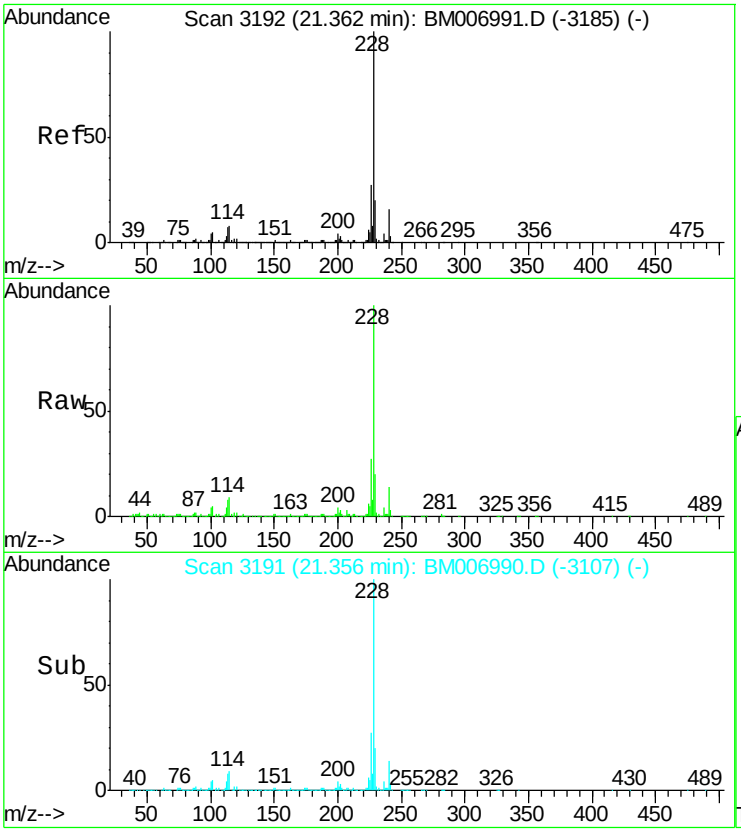


#31
Pyrene
Concen: 9.22 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Tgt Ion:202 Resp: 1743650

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.5	12.7
100	8.9	7.1	10.7



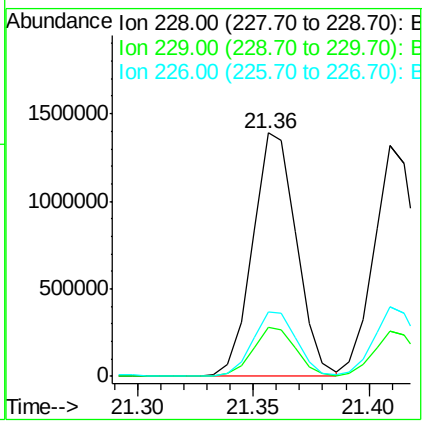


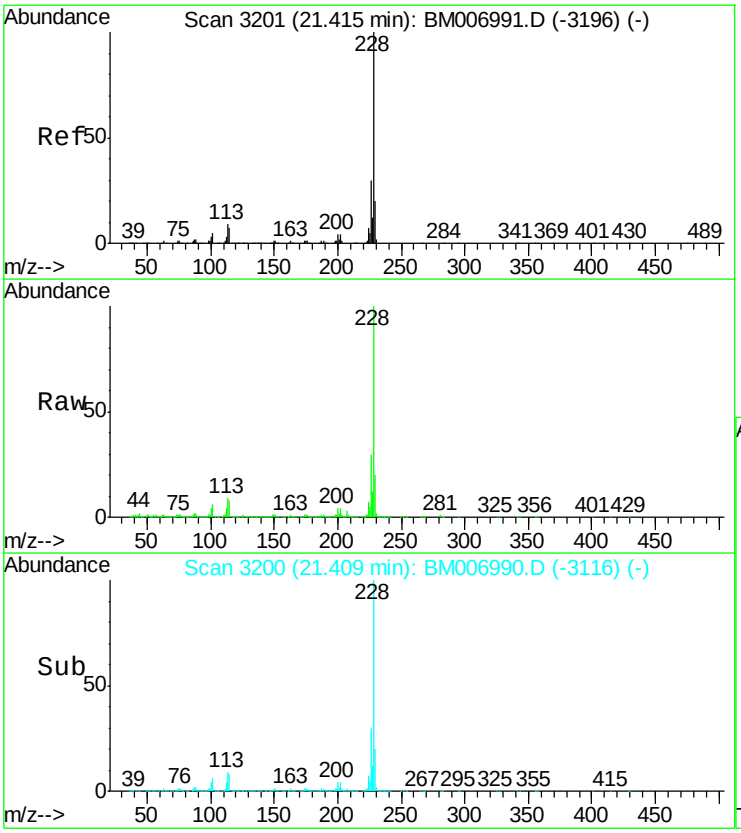
#32
Benzo(a)anthracene
Concen: 10.16 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:228 Resp: 1831808

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	26.6	21.9	32.9

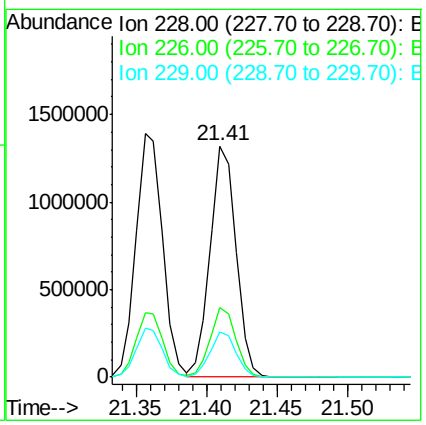


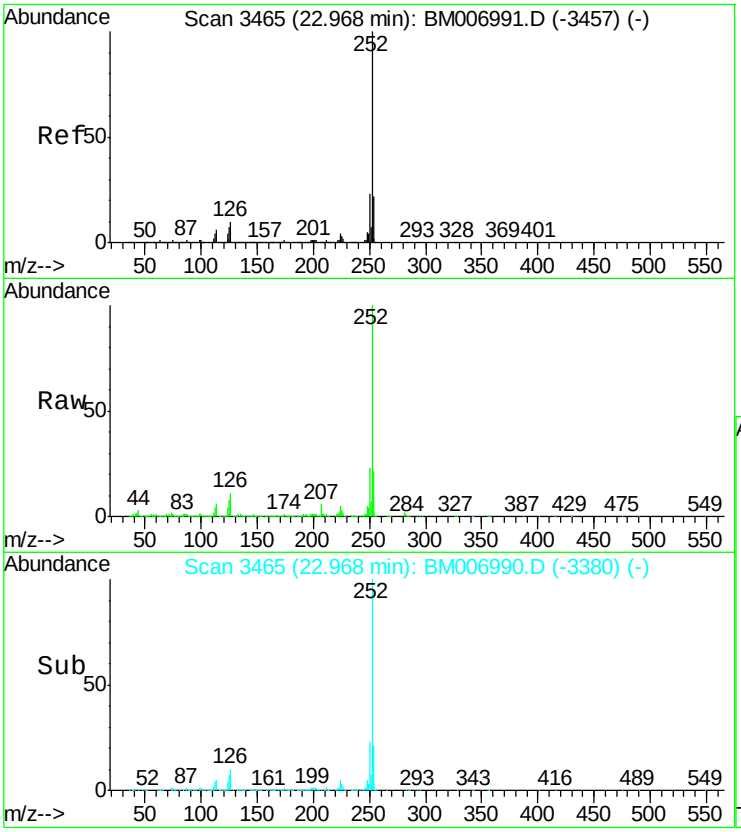


#33
Chrysene
Concen: 10.58 ng/ul
RT: 21.41 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Tgt Ion:228 Resp: 1688025

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.8	15.9	23.9



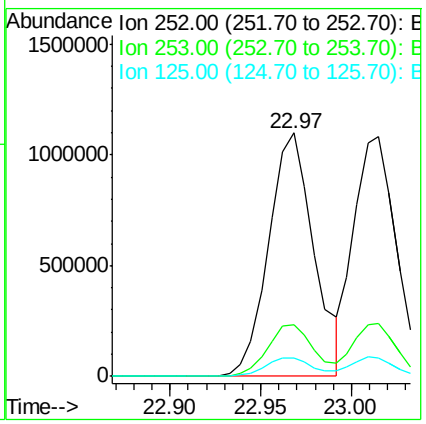


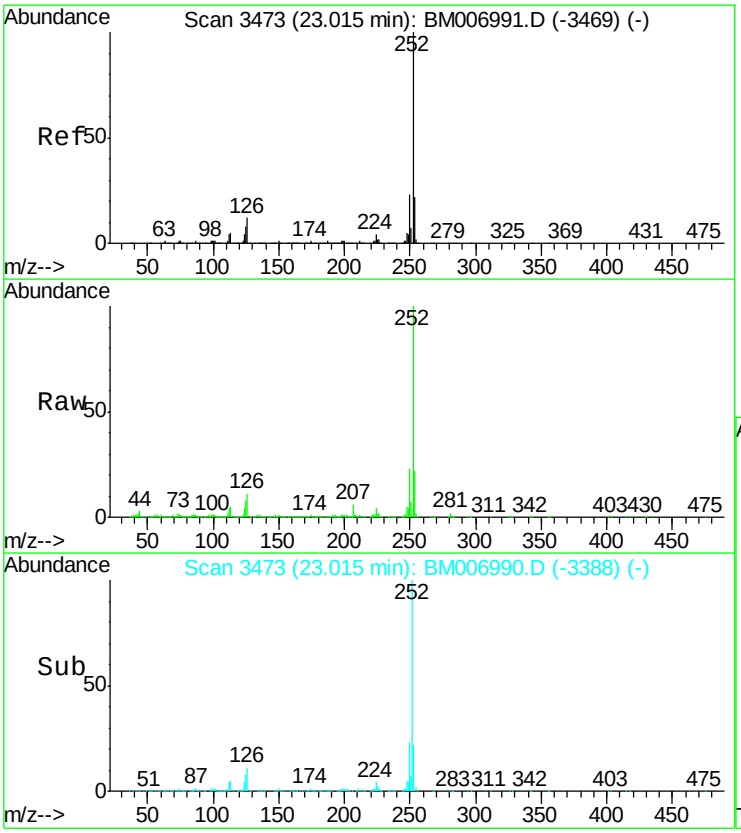
#35
Benzo(b)fluoranthene
Concen: 9.62 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:252 Resp: 1909080

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	7.6	6.0	9.0

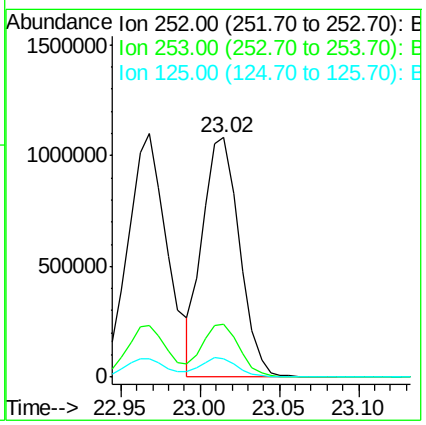


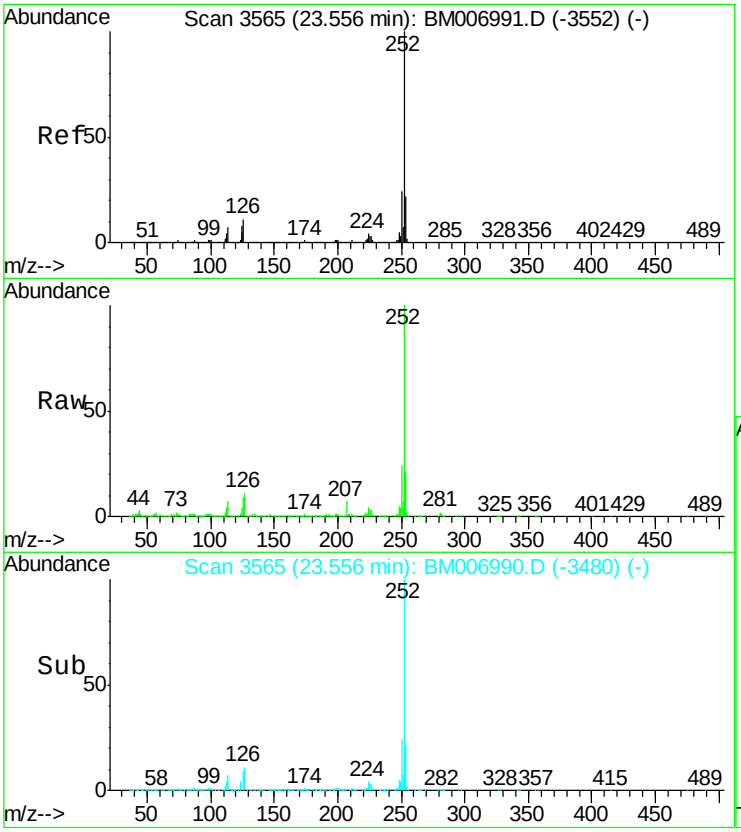


#36
Benzo(k)fluoranthene
Concen: 9.22 ng/ul
RT: 23.02 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Tgt Ion:252 Resp: 1750973

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.6	6.2	9.4



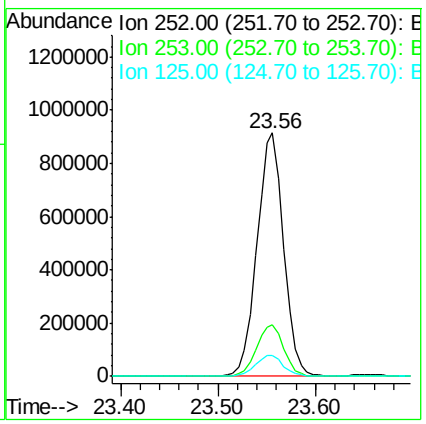


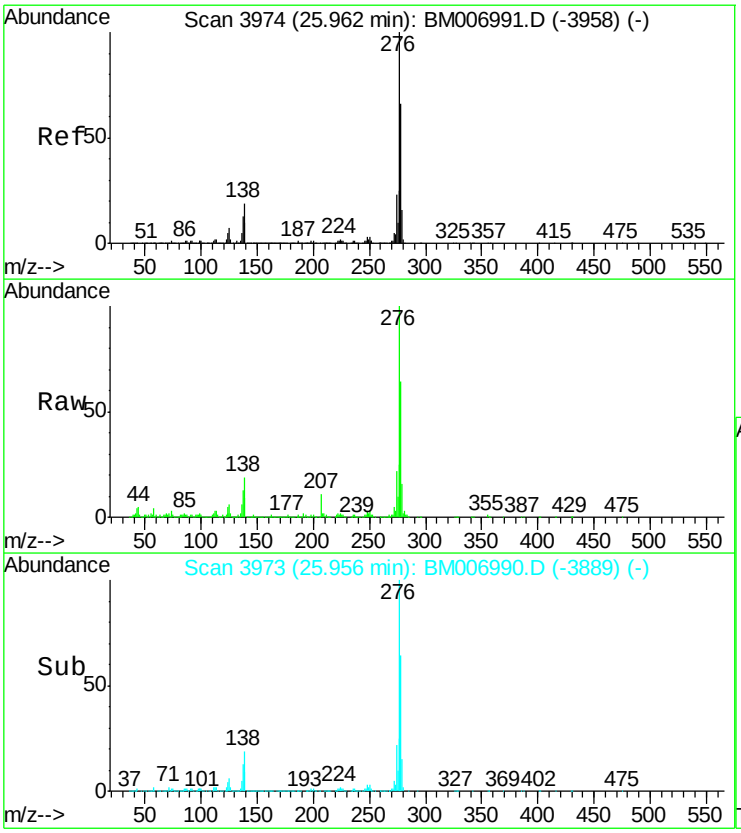
#38
Benzo(a)pyrene
Concen: 9.76 ng/ul
RT: 23.56 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:252 Resp: 1748480

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	8.7	6.8	10.2

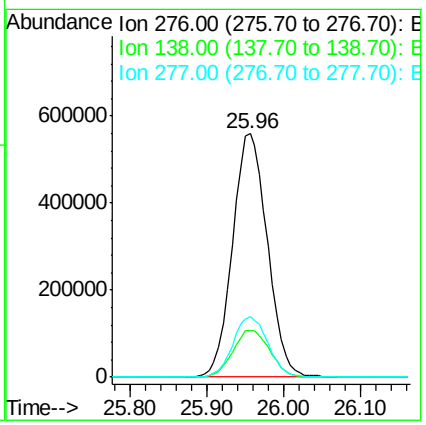


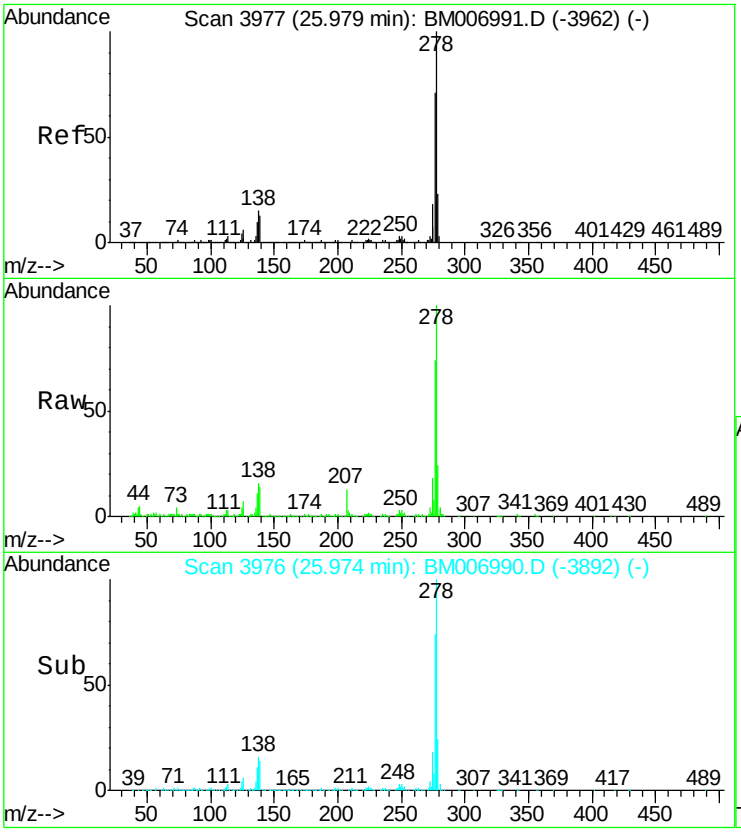


#39
Indeno(1,2,3-cd)pyrene
Concen: 9.81 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Tgt Ion:276 Resp: 1769586

Ion	Ratio	Lower	Upper
276	100		
138	19.3	14.9	22.3
277	24.7	19.8	29.6



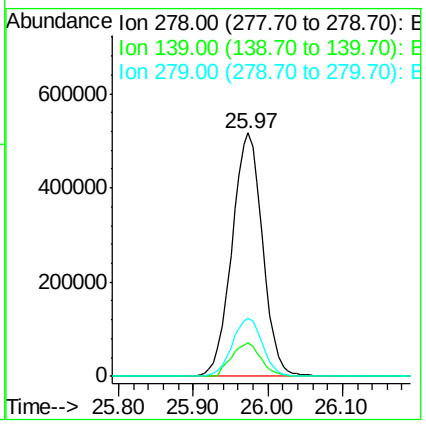


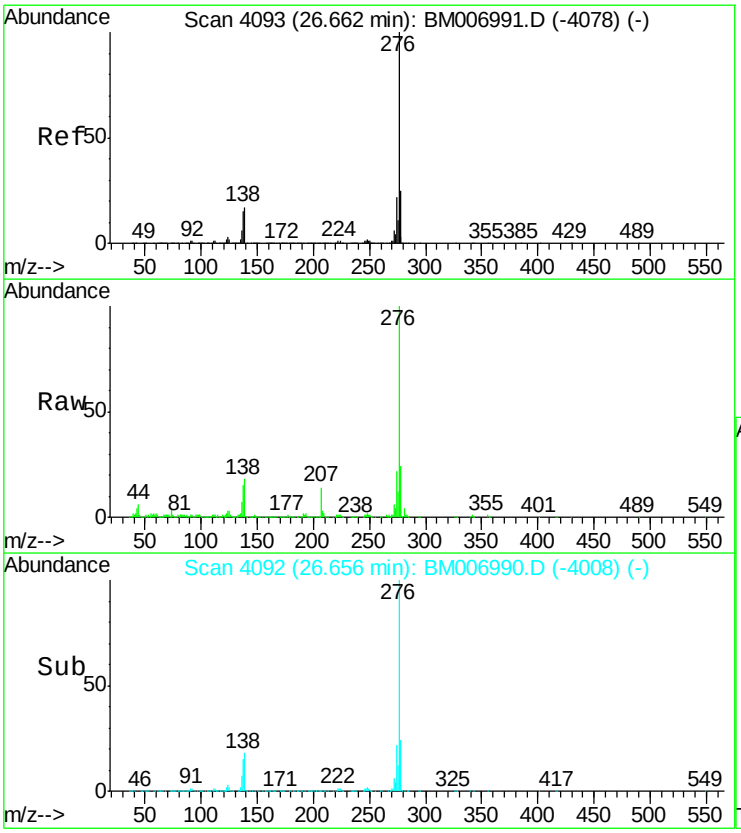
#40
Dibenzo(a,h)anthracene
Concen: 9.68 ng/ul
RT: 25.97 min Scan# 3976
Delta R.T. -0.01 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Instrument :
BNA_M
ClientSampleId :
SSTD01035

Tgt Ion:278 Resp: 1466760

Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.3	15.5
279	24.0	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 10.06 ng/ul
RT: 26.66 min Scan# 4092
Delta R.T. -0.01 min
Lab File: BM006990.D
Acq: 09 Aug 2016 20:08

Tgt Ion:276 Resp: 1443062

Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.0	21.0
277	24.1	19.6	29.4