Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011663.D
Acq On : 21 Sep 2017 20:51
Operator : SJ/JU
Sample : I5283-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 22 03:53:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	257761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1202400	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	682312	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1487107	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1501622	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1226822	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	19388	3.38	ng/uL	0.00
5) Phenol-d5	7.11	99	384278	15.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	392078	23.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	365897	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	305526	15.81	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	331	0.04	ng/ul	0.11
22) 2-Nitrophenol-d4	9.85	143	187392	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	314032	16.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	987	0.05	ng/ul	-0.02
44) Dimethylphthalate-d6	13.99	166	1178190	20.43	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1535195	22.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	7889	0.73	ng/ul	0.02
58) Fluorene-d10	15.58	176	1094700	21.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	61873	7.15	ng/ul	0.00
71) Anthracene-d10	17.43	188	1608237	21.96	ng/ul	0.00
79) Pyrene-d10	19.72	212	1956051	27.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	1227153	20.99	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.11	77	15079	1.066	ng/ul	95
6) Phenol	7.14	94	30000	1.221	ng/ul	92
28) Naphthalene	10.82	128	132443	2.124	ng/ul	100
34) 2-Methylnaphthalene	12.42	142	62571	1.351	ng/ul	92
45) Dimethylphthalate	14.04	163	346174	6.268	ng/ul	98
50) Acenaphthene	14.65	153	65240	1.375	ng/ul	97
59) Fluorene	15.63	166	69304	1.246	ng/ul	99
70) Phenanthrene	17.37	178	1304796	15.741	ng/ul	100
72) Anthracene	17.46	178	250134	2.941	ng/ul	99
75) Carbazole	17.73	167	104554	1.441	ng/ul#	93
77) Fluoranthene	19.38	202	2274148	26.674	ng/ul#	90
80) Pyrene	19.74	202	1995406	22.776	ng/ul#	88
83) Benzo(a)anthracene	21.48	228	1032220	12.484	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.39	149	73287	1.184	ng/ul#	99
85) Chrysene	21.53	228	938065	12.515	ng/ul	99
88) Benzo(b)fluoranthene	23.15	252	1138090	15.420	ng/ul#	87
89) Benzo(k)fluoranthene	23.15	252	1138090	16.056	ng/ul#	87
91) Benzo(a)pyrene	23.76	252	661068	9.489	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.29	276	370619	4.836	ng/ul#	91
93) Dibenzo(a,h)anthracene	26.29	278	95384	1.468	ng/ul#	86
94) Benzo(g,h,i)perylene	27.04	276	347602	5.601	ng/ul#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011663.D
Acq On : 21 Sep 2017 20:51
Operator : SJ/JU
Sample : I5283-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 03:53:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

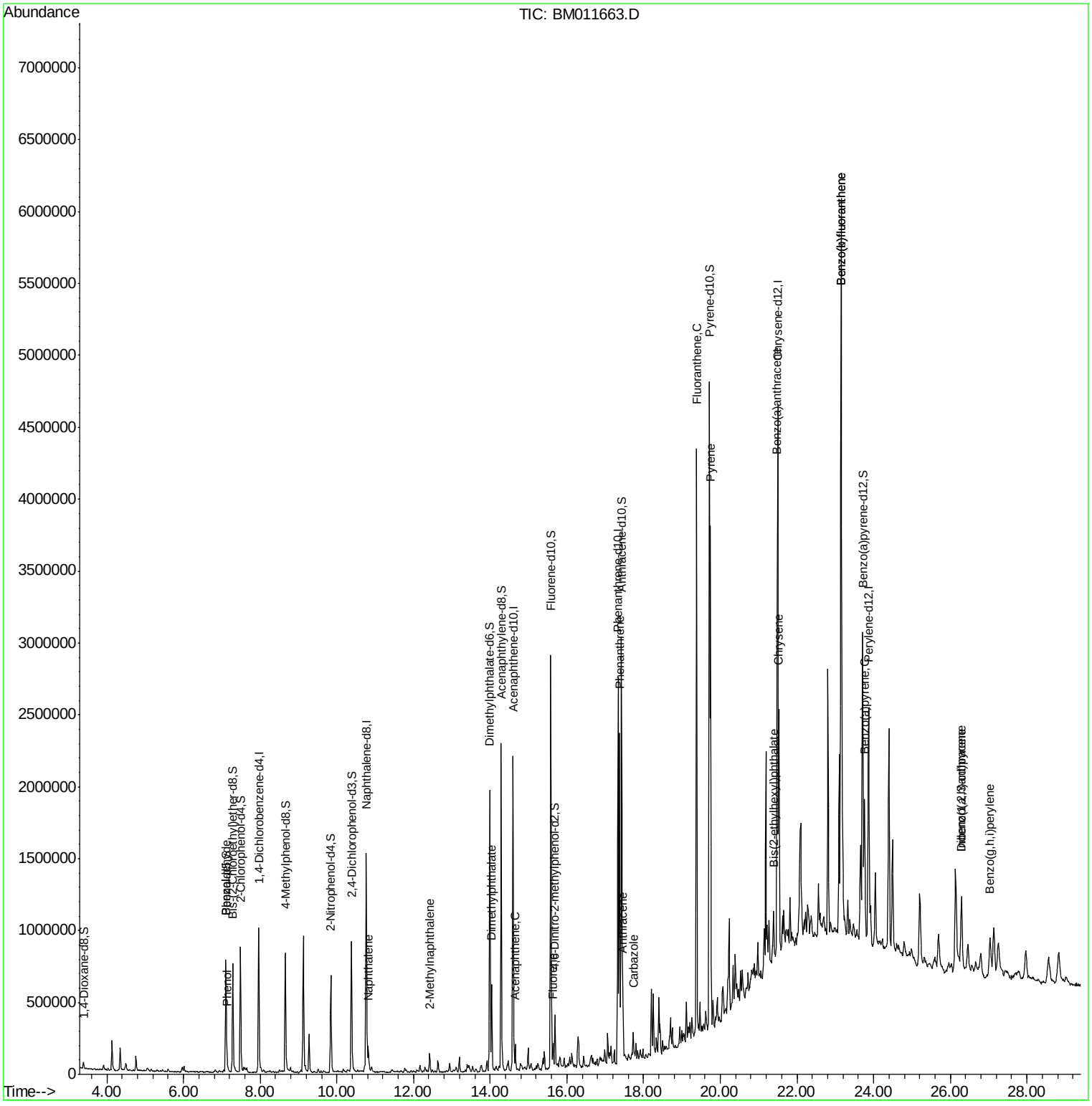
(#) = qualifier out of range (m) = manual integration (+) = signals summed

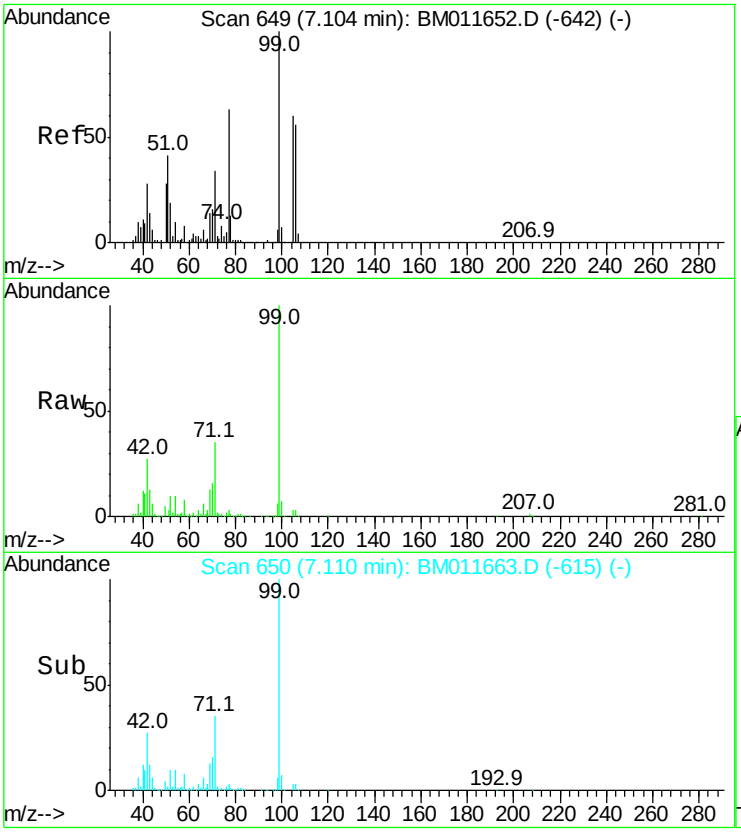
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011663.D
Acq On : 21 Sep 2017 20:51
Operator : SJ/JU
Sample : I5283-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 03:53:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration



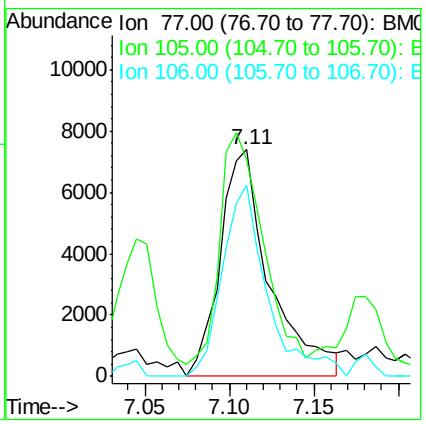


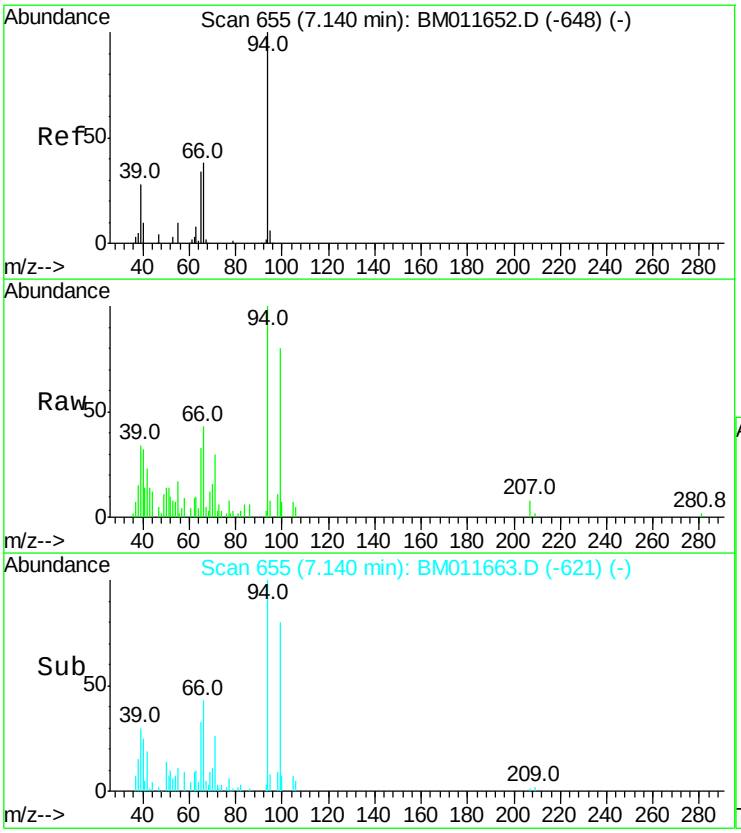
#4
Benzaldehyde
Concen: 1.066 ng/ul
RT: 7.11 min Scan# 650
Delta R.T. 0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 15079

Ion	Ratio	Lower	Upper
77	100		
105	95.4	71.0	106.6
106	84.5	69.5	104.3

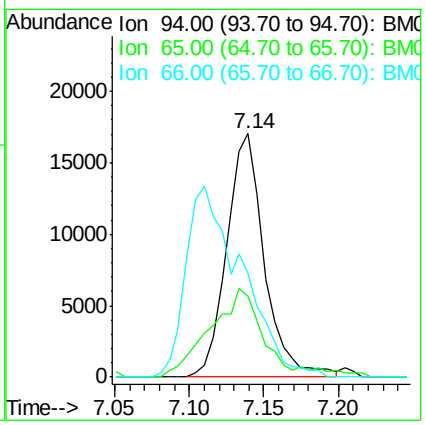


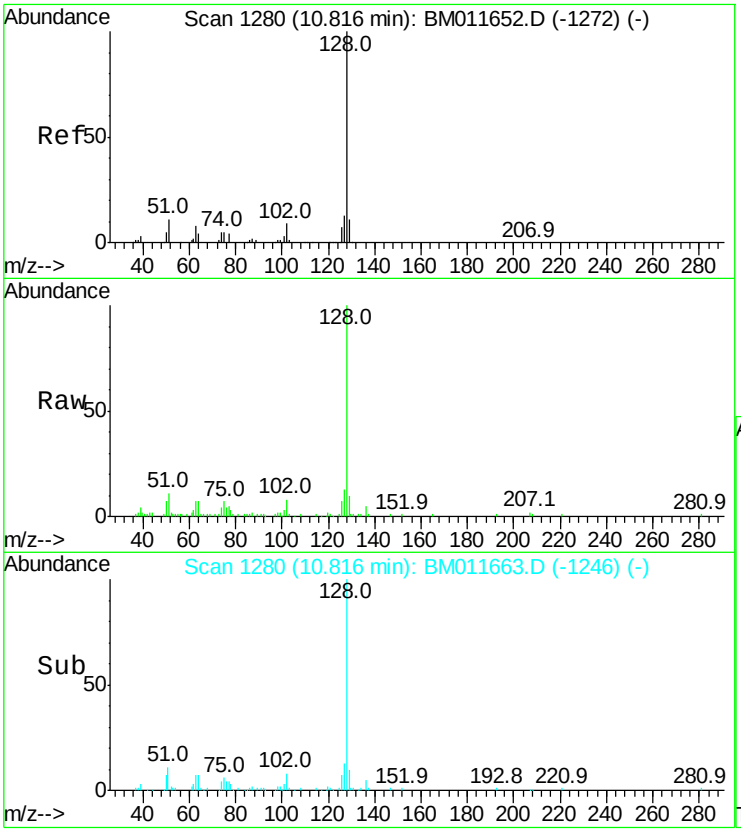


#6
Phenol
Concen: 1.221 ng/ul
RT: 7.14 min Scan# 655
Delta R.T. -0.00 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion: 94 Resp: 30000

Ion	Ratio	Lower	Upper
94	100		
65	33.1	23.0	34.6
66	42.8	30.4	45.6



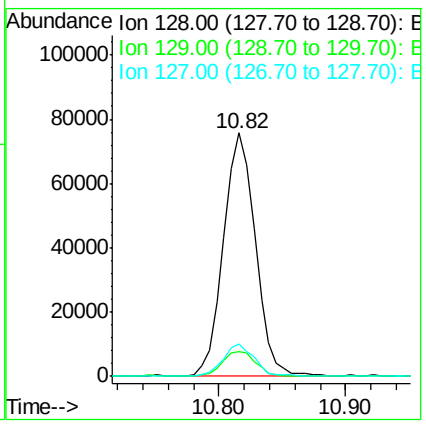


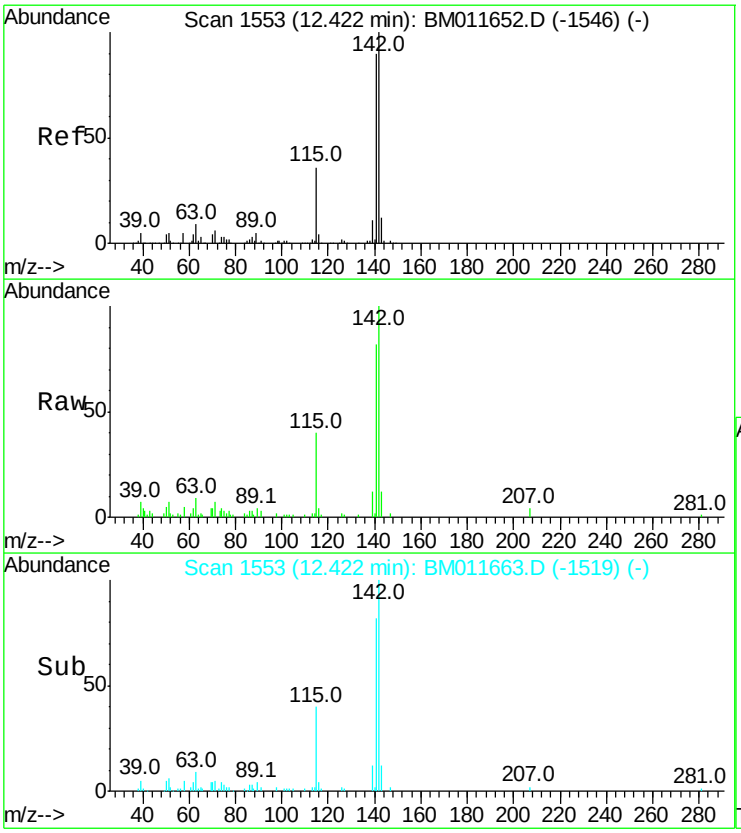
#28
Naphthalene
Concen: 2.124 ng/ul
RT: 10.82 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 132443

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.3	12.5
127	13.4	10.8	16.2

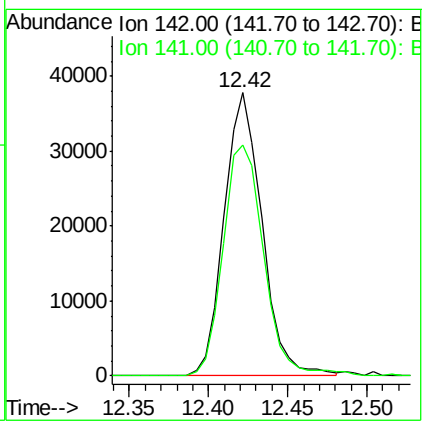


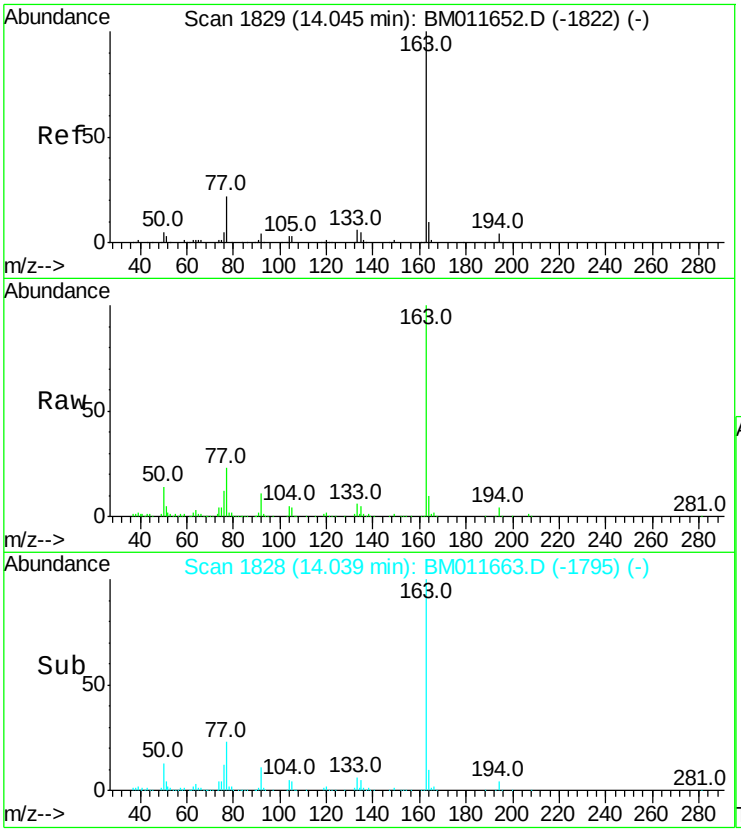


#34
2-Methylnaphthalene
Concen: 1.351 ng/ul
RT: 12.42 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion:142 Resp: 62571

Ion	Ratio	Lower	Upper
142	100		
141	81.7	71.4	107.2



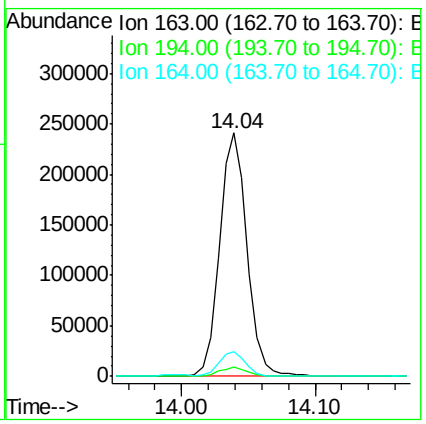


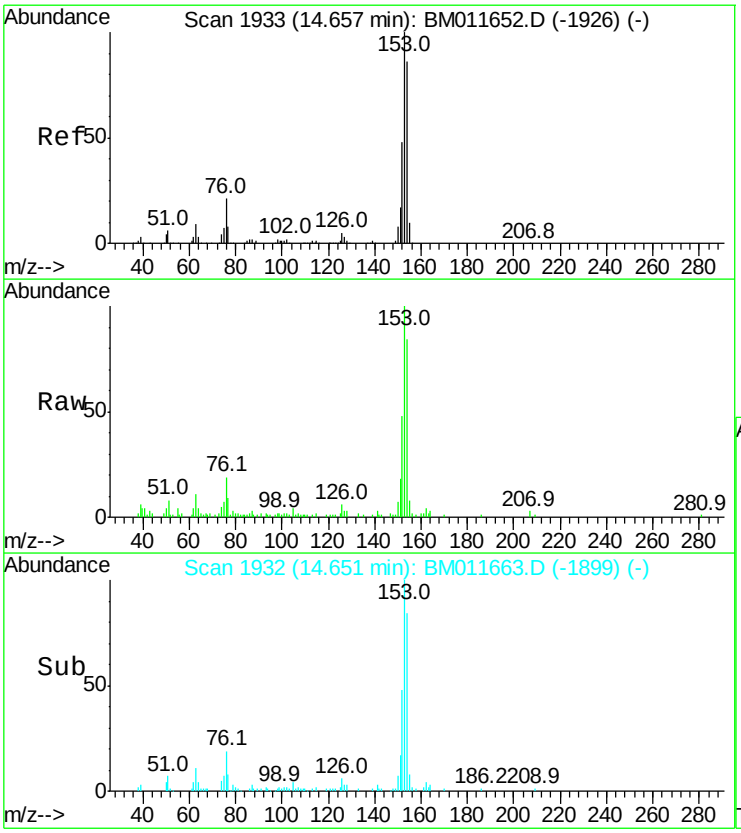
#45
Dimethylphthalate
Concen: 6.268 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 346174

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.0	6.0
164	10.0	8.4	12.6

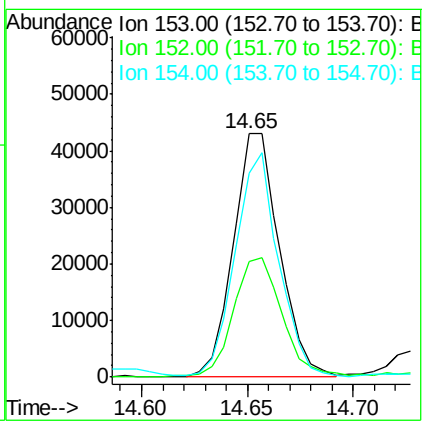


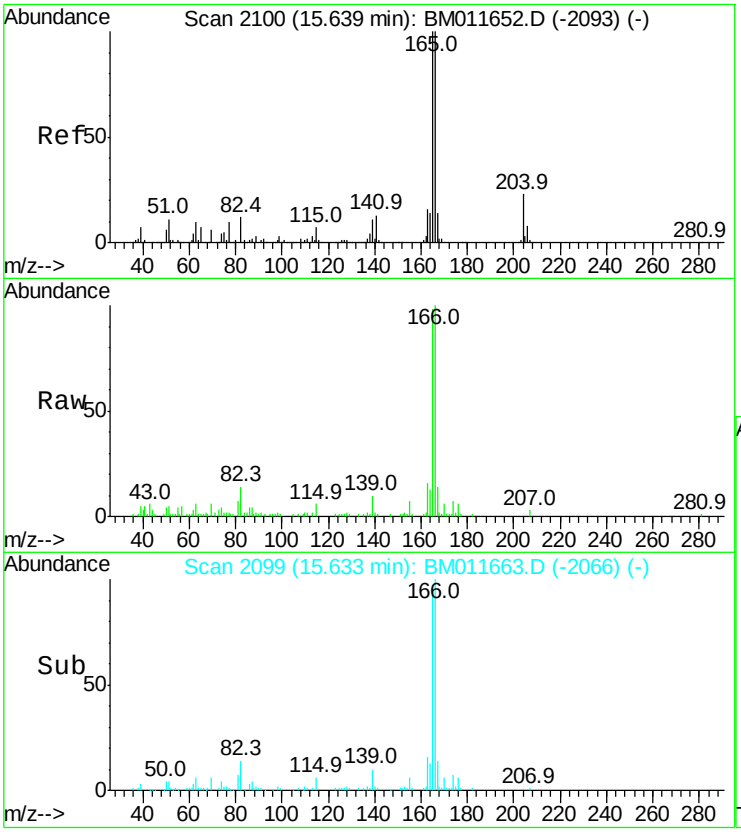


#50
Acenaphthene
Concen: 1.375 ng/ul
RT: 14.65 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion:153 Resp: 65240

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.9	56.9
154	83.7	69.8	104.6



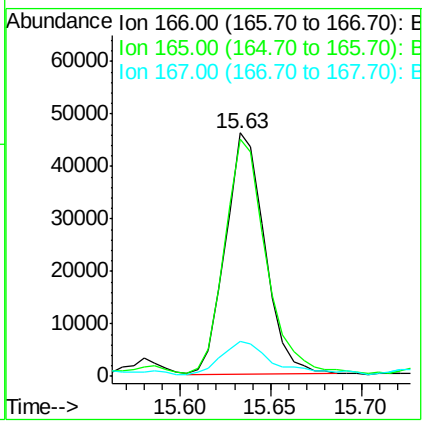


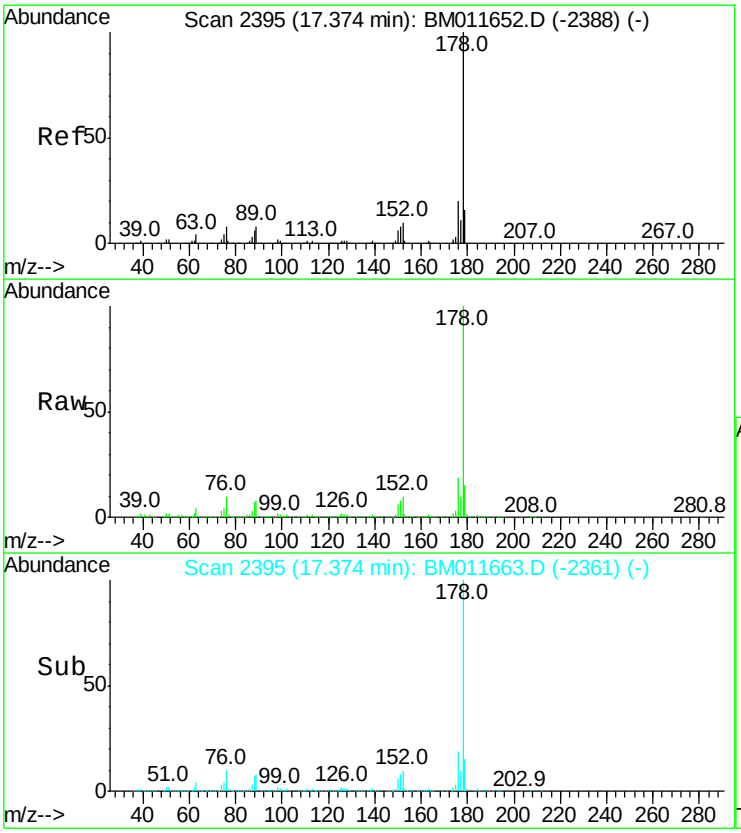
#59
Fluorene
Concen: 1.246 ng/ul
RT: 15.63 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 69304

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	14.4	11.1	16.7

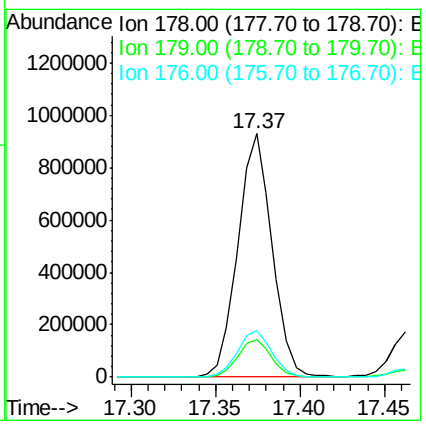


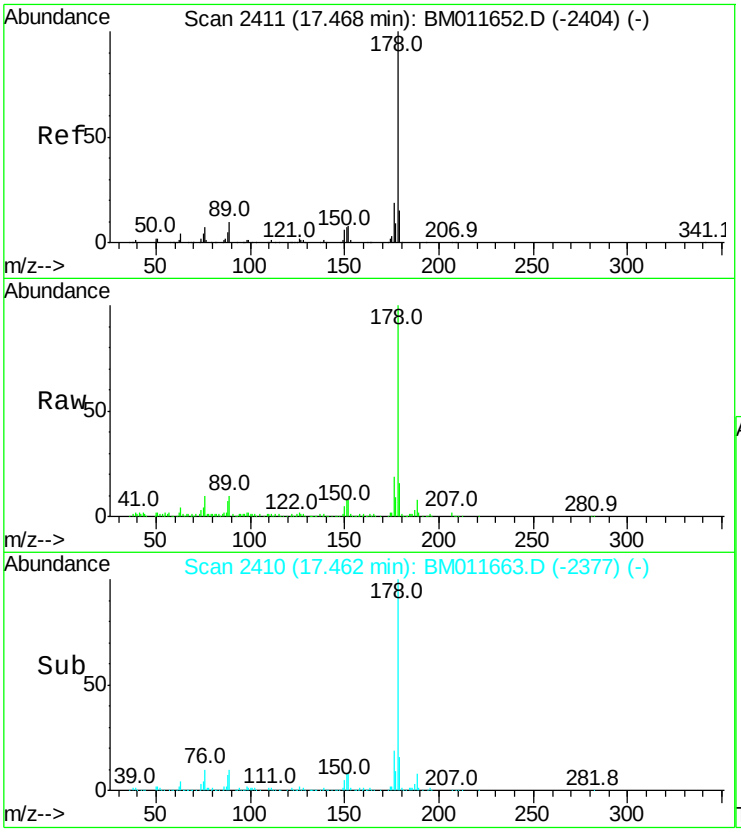


#70
Phenanthrene
Concen: 15.741 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion:178 Resp: 1304796

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.0	15.4	23.0



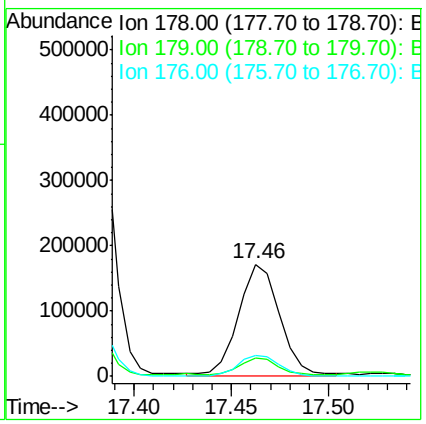


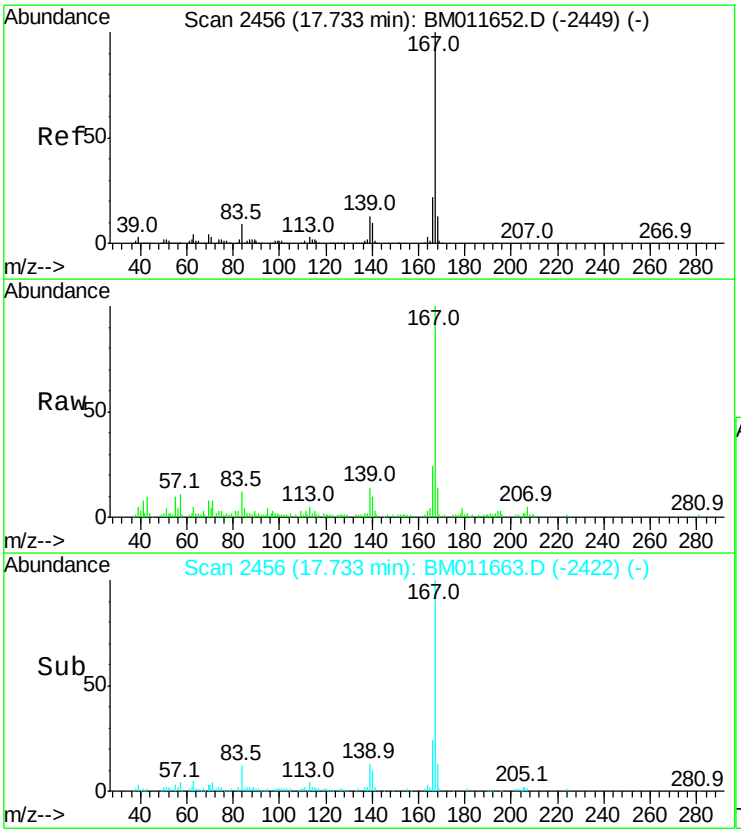
#72
Anthracene
Concen: 2.941 ng/ul
RT: 17.46 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 250134

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.2
176	19.1	15.4	23.0

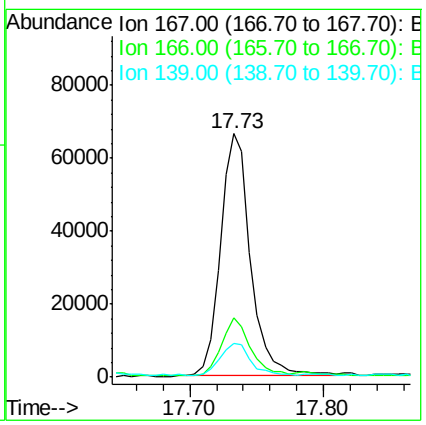


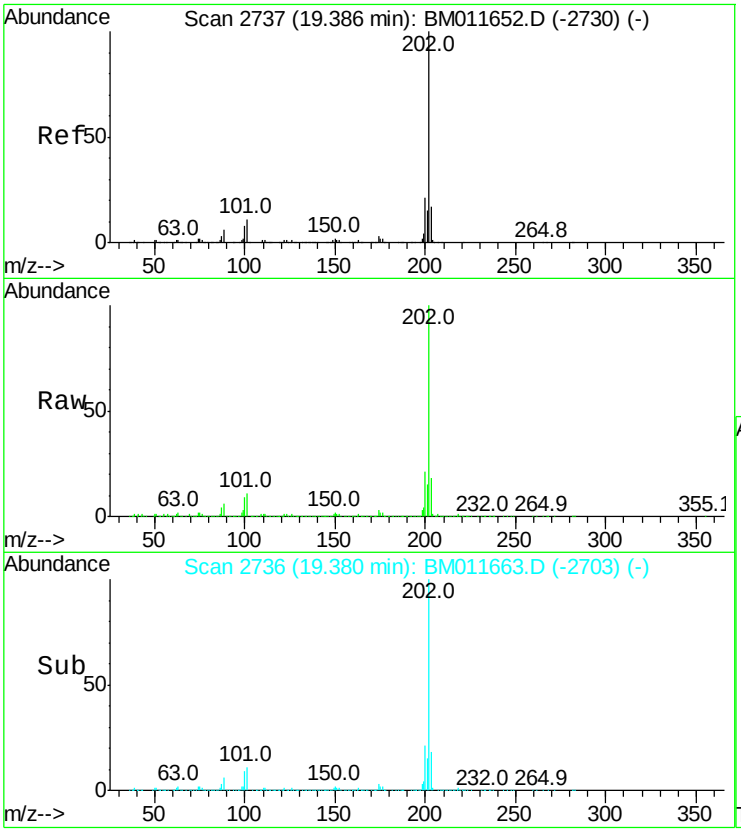


#75
Carbazole
Concen: 1.441 ng/ul
RT: 17.73 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion:167 Resp: 104554

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.0	25.4
139	13.7	9.1	13.7#



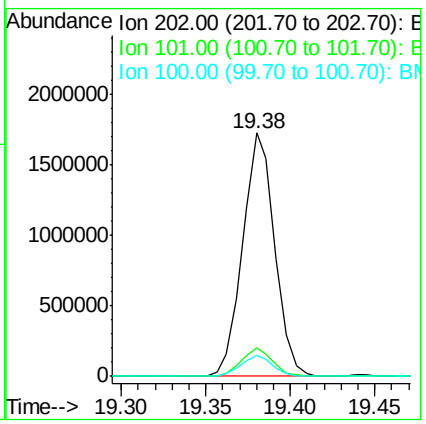


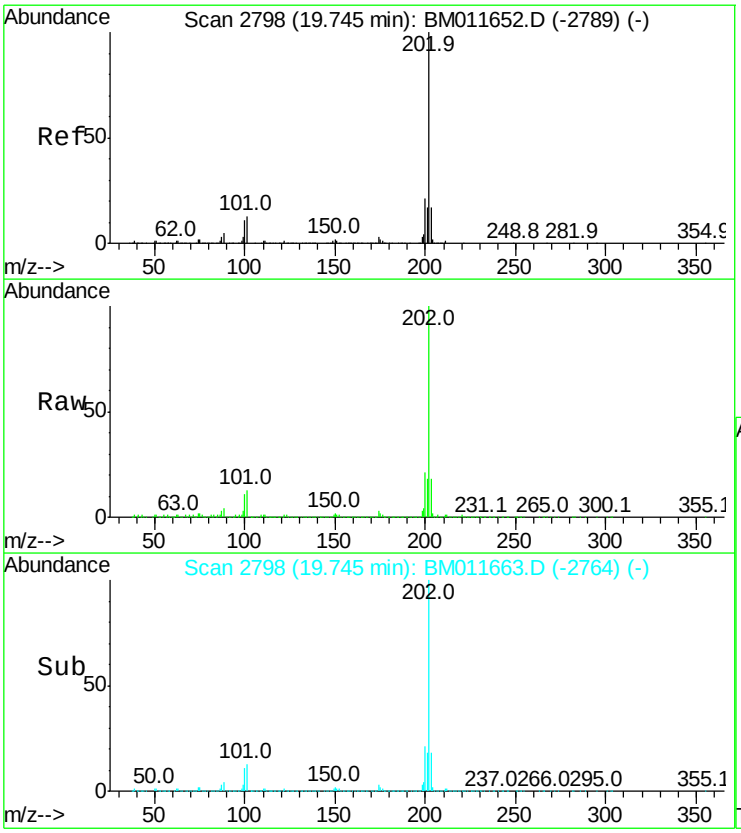
#77
Fluoranthene
Concen: 26.674 ng/ul
RT: 19.38 min Scan# 2736
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2274148

Ion	Ratio	Lower	Upper
202	100		
101	11.5	6.1	9.1#
100	8.7	4.6	7.0#

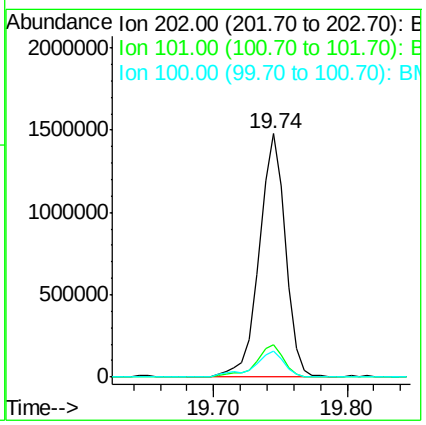


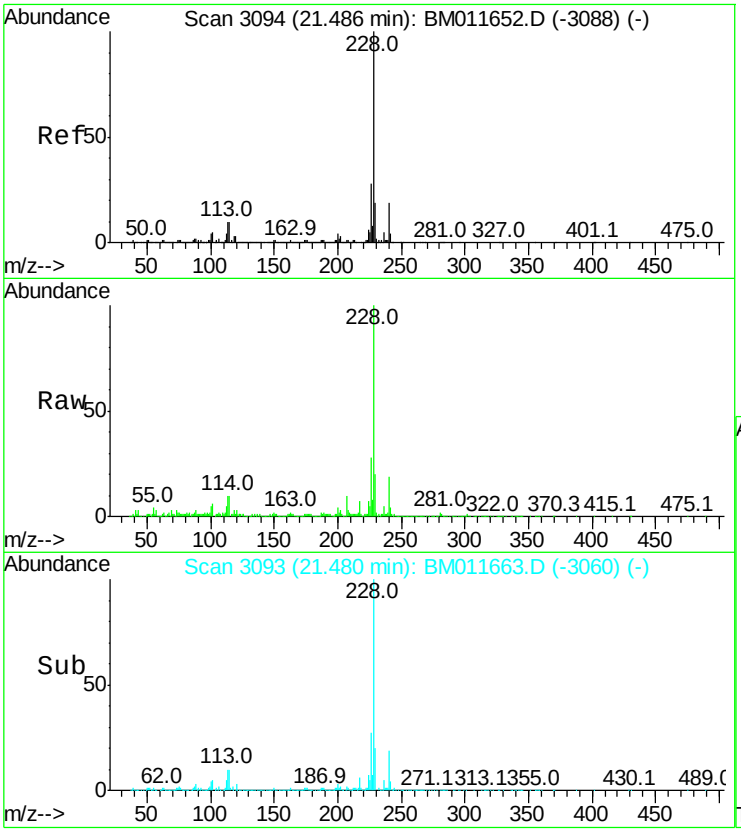


#80
Pyrene
Concen: 22.776 ng/ul
RT: 19.74 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion:202 Resp: 1995406

Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.9	10.3#
100	10.6	5.6	8.4#



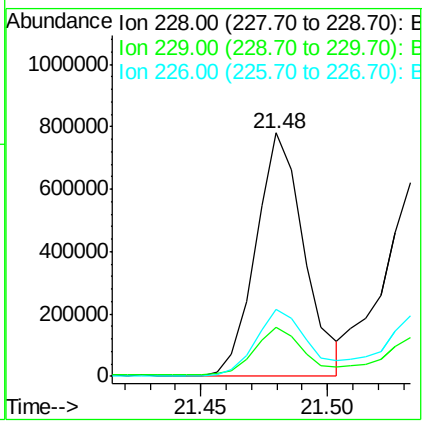


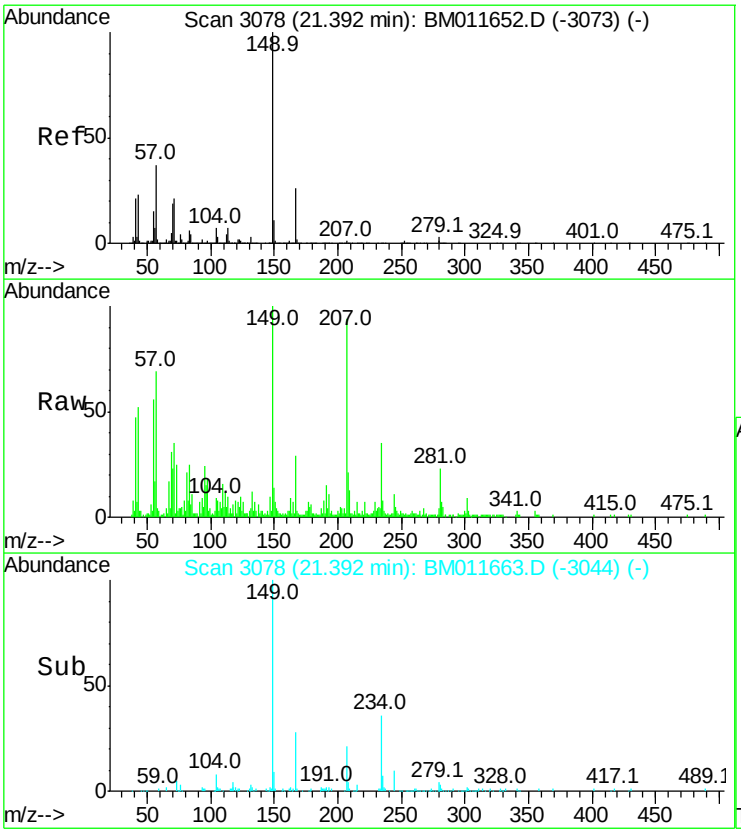
#83
Benzo(a)anthracene
Concen: 12.484 ng/ul
RT: 21.48 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1032220

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.0	24.0
226	27.5	21.8	32.8

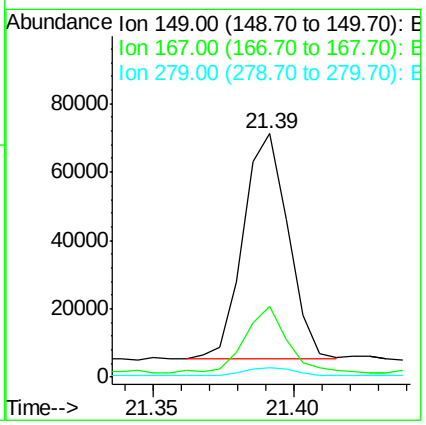


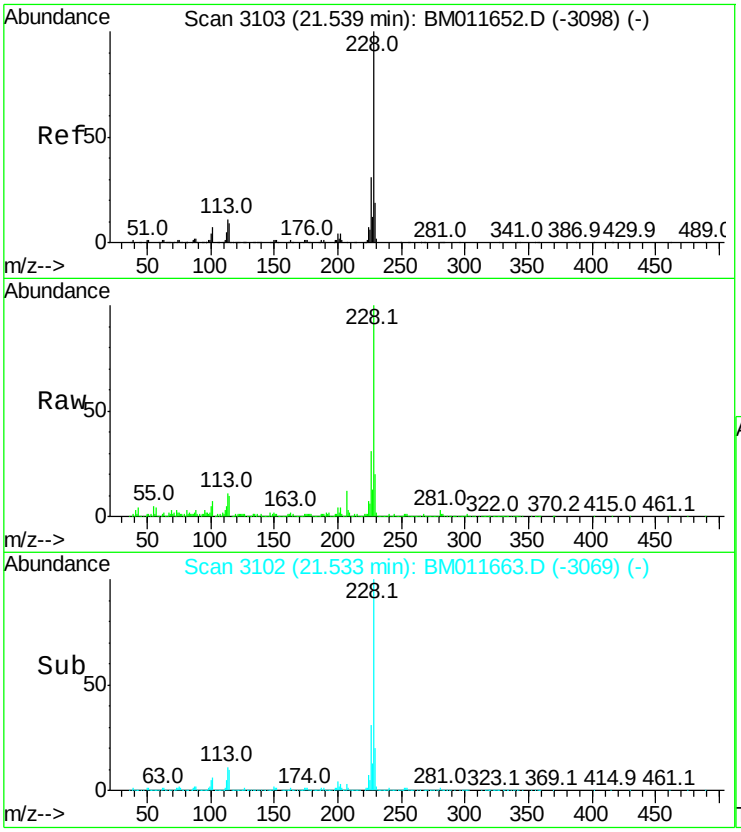


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.184 ng/ul
RT: 21.39 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion:149 Resp: 73287

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.6
279	4.1	4.3	6.5#



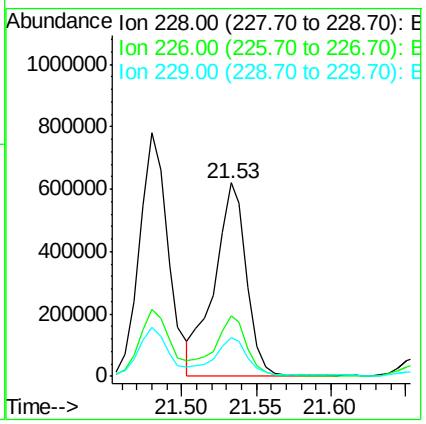


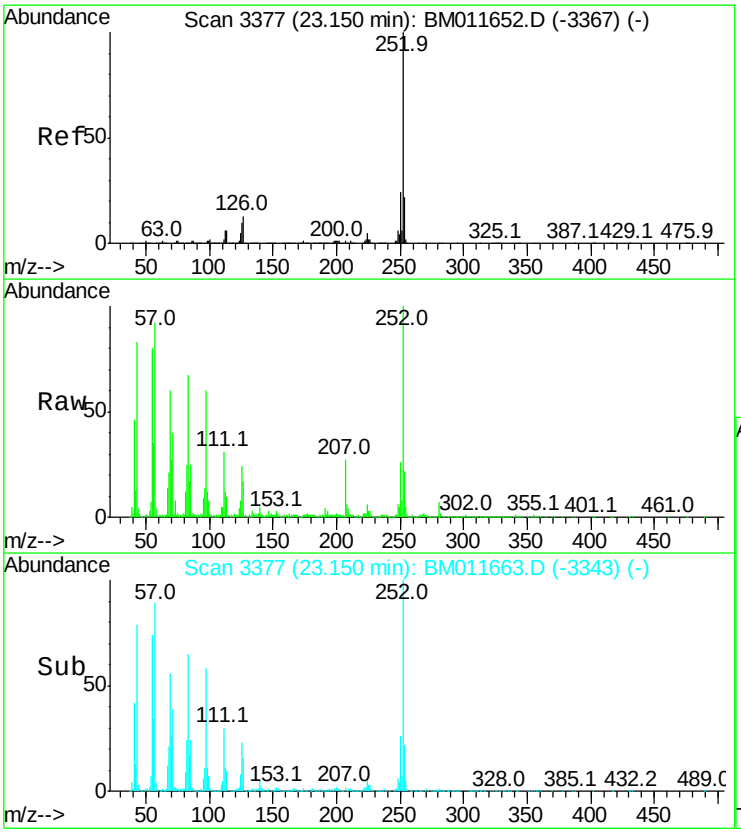
#85
Chrysene
Concen: 12.515 ng/ul
RT: 21.53 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 938065

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.1	36.1
229	20.0	16.0	24.0

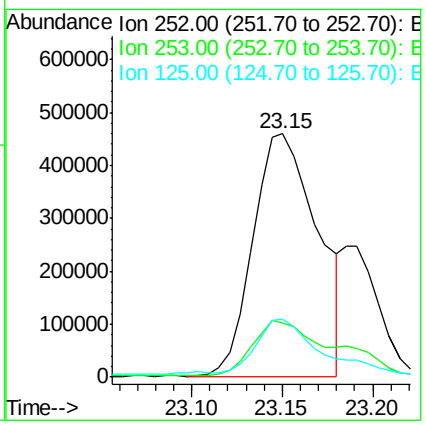


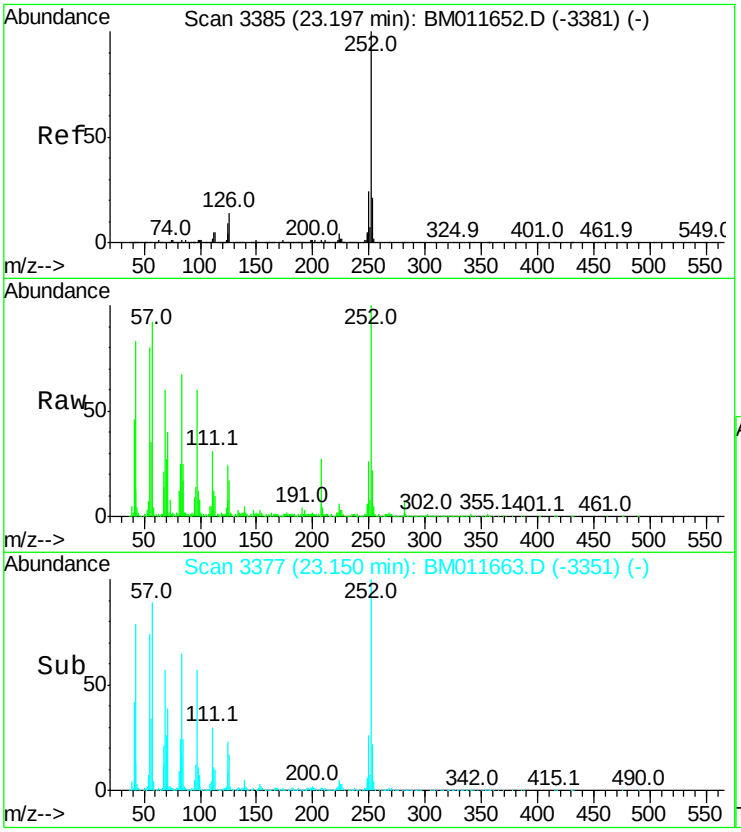


#88
Benzo(b)fluoranthene
Concen: 15.420 ng/ul
RT: 23.15 min Scan# 3377
Delta R.T. -0.00 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion:252 Resp: 1138090

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	23.7	4.9	7.3#



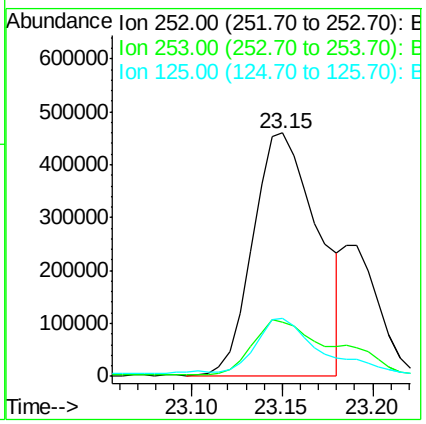


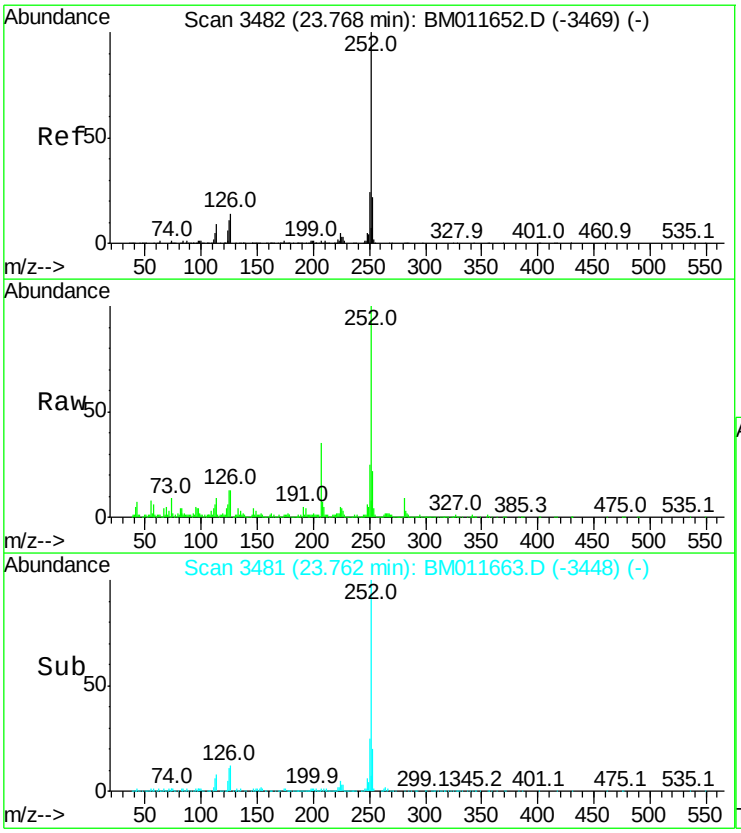
#89
Benzo(k)fluoranthene
Concen: 16.056 ng/ul
RT: 23.15 min Scan# 3377
Delta R.T. -0.05 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1138090

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	23.7	5.4	8.0#

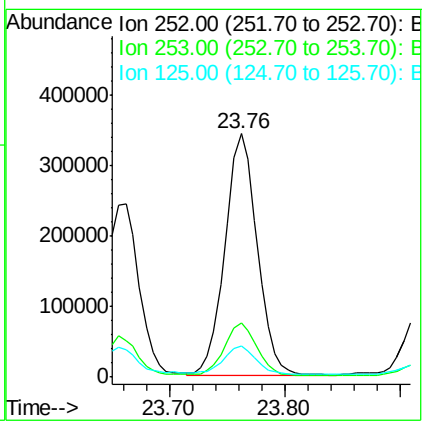


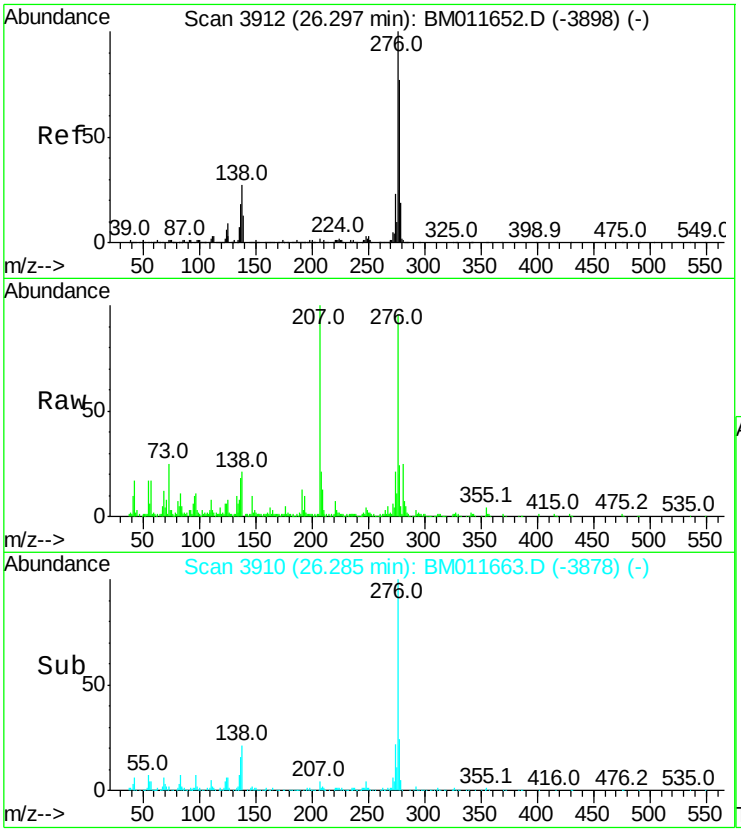


#91
Benzo(a)pyrene
Concen: 9.489 ng/ul
RT: 23.76 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion:252 Resp: 661068

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	12.7	5.8	8.6#



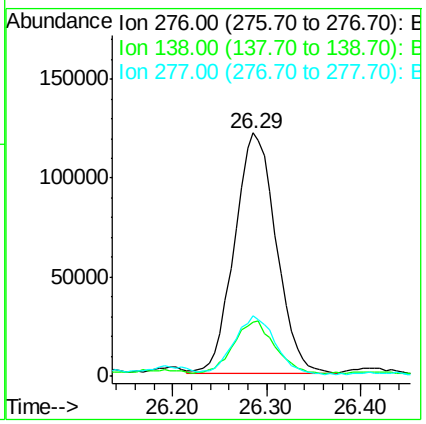


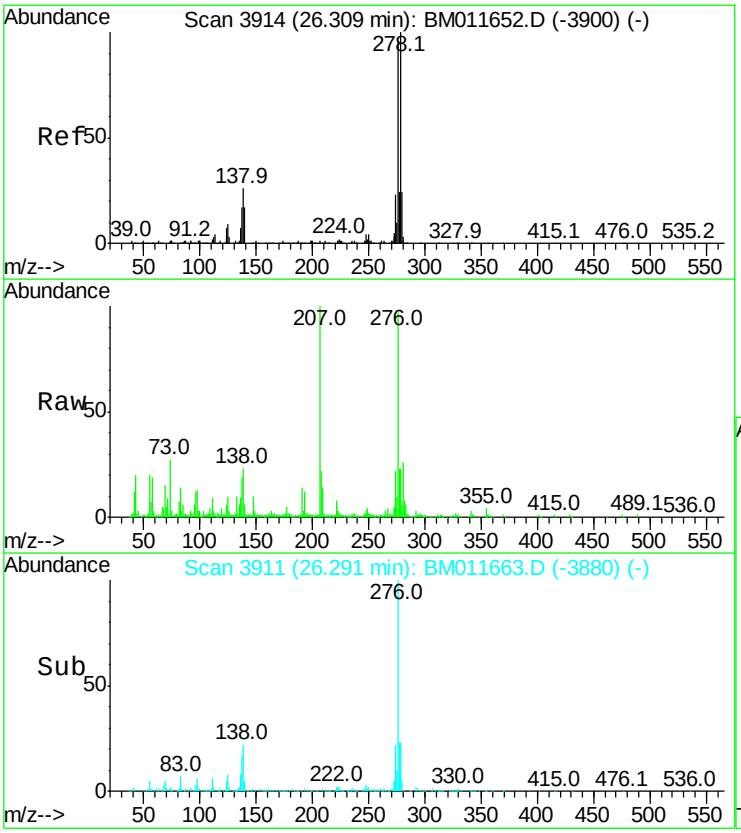
#92
Indeno(1,2,3-cd)pyrene
Concen: 4.836 ng/ul
RT: 26.29 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 370619

Ion	Ratio	Lower	Upper
276	100		
138	22.2	10.9	16.3#
277	24.8	18.9	28.3

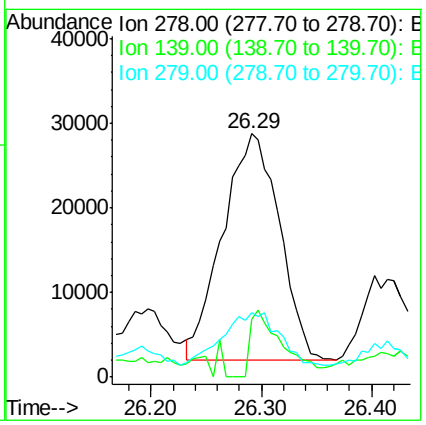


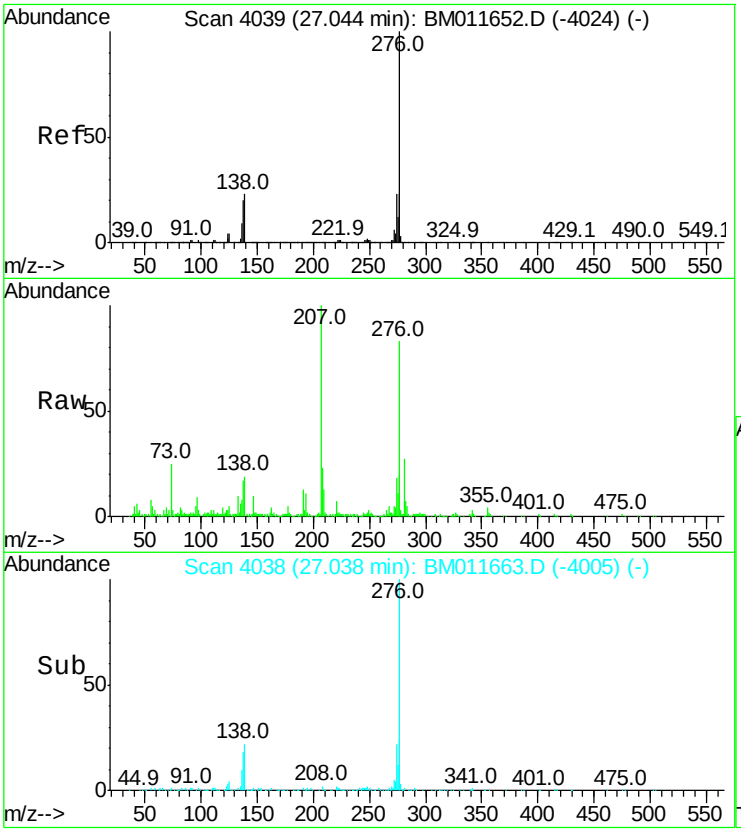


#93
Dibenzo(a,h)anthracene
Concen: 1.468 ng/ul
RT: 26.29 min Scan# 3911
Delta R.T. -0.02 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Tgt Ion:278 Resp: 95384

Ion	Ratio	Lower	Upper
278	100		
139	24.1	9.0	13.4#
279	26.3	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 5.601 ng/ul
RT: 27.04 min Scan# 4038
Delta R.T. -0.01 min
Lab File: BM011663.D
Acq: 21 Sep 2017 20:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 347602

Ion	Ratio	Lower	Upper
276	100		
138	23.0	11.2	16.8#
277	24.1	19.0	28.6