Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011696.D
Acq On : 22 Sep 2017 17:22
Operator : SJ/JU
Sample : I5283-22RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 22 23:55:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	339130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1444976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	700492	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1306331	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1267436	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1351021	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	4959	0.66	ng/uL	0.00
5) Phenol-d5	7.11	99	49462	1.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	78626	3.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	70431	2.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	25694	1.01	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	39403	3.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	37429	3.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	47808	2.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	17739	0.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	188718	3.19	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	254703	3.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	115	0.01	ng/ul	0.06
58) Fluorene-d10	15.58	176	169460	3.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	5024	0.66	ng/ul	0.00
71) Anthracene-d10	17.43	188	237642	3.69	ng/ul	0.00
79) Pyrene-d10	19.72	212	242602	4.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	227903	3.54	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.04	163	203063	3.581	ng/ul#	99
70) Phenanthrene	17.37	178	78453	1.077	ng/ul	100
72) Anthracene	17.37	178	78453	1.050	ng/ul	99
77) Fluoranthene	19.38	202	228095	3.046	ng/ul#	90
80) Pyrene	19.74	202	232090	3.139	ng/ul#	90
83) Benzo(a)anthracene	21.49	228	135807	1.946	ng/ul	94
85) Chrysene	21.53	228	149608	2.365	ng/ul	95
88) Benzo(b)fluoranthene	23.15	252	229935	2.829	ng/ul#	82
89) Benzo(k)fluoranthene	23.15	252	229935	2.946	ng/ul#	82
91) Benzo(a)pyrene	23.76	252	151607	1.976	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.30	276	125440	1.486	ng/ul#	94
94) Benzo(g,h,i)perylene	27.04	276	120968	1.770	ng/ul#	91

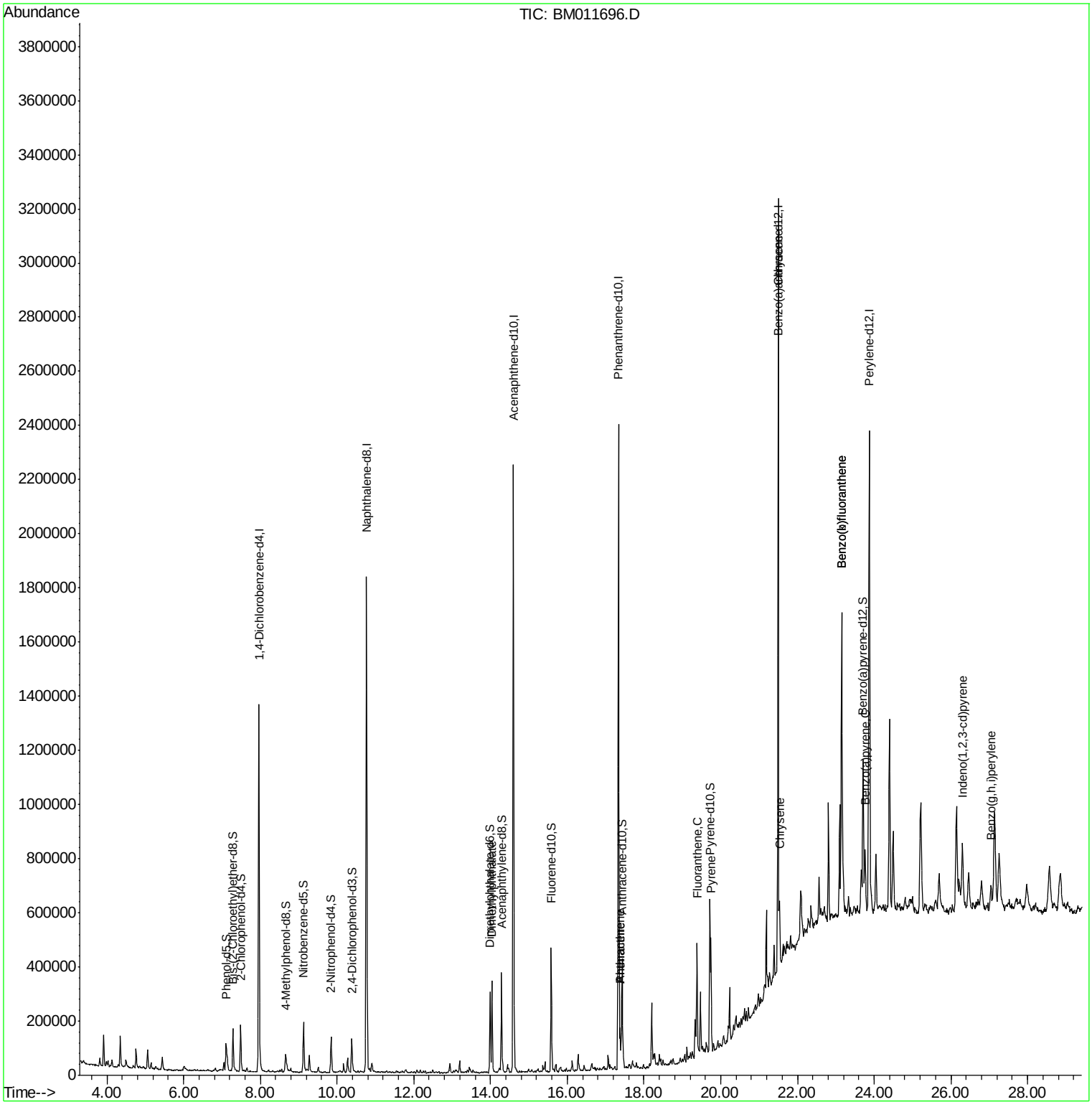
(#) = qualifier out of range (m) = manual integration (+) = signals summed

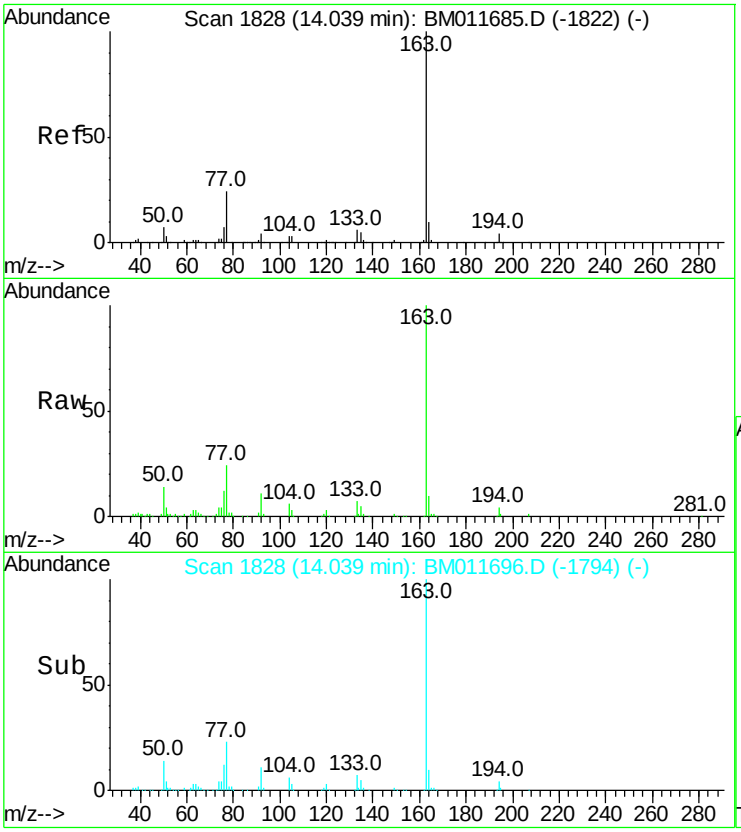
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011696.D
Acq On : 22 Sep 2017 17:22
Operator : SJ/JU
Sample : I5283-22RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 23:55:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



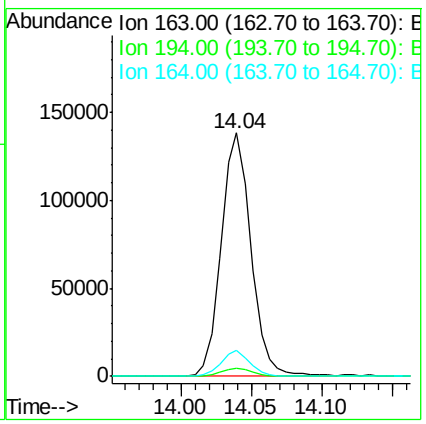


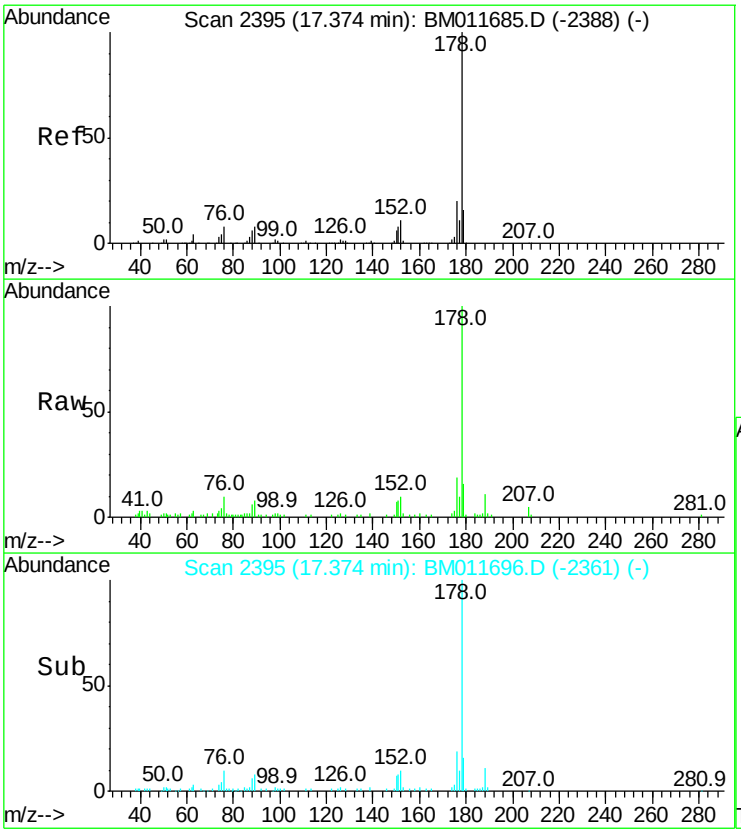
#45
Dimethylphthalate
Concen: 3.581 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 203063

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.0	6.0#
164	10.5	8.4	12.6

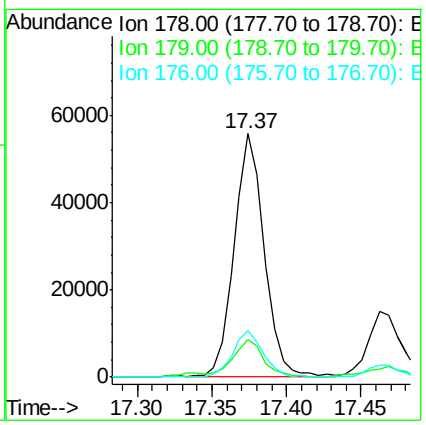


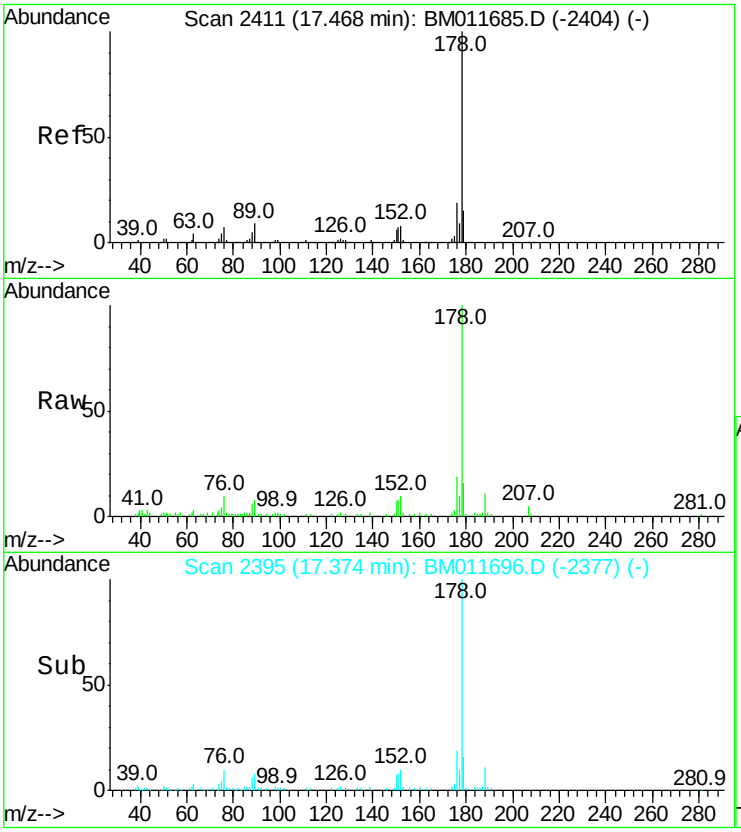


#70
Phenanthrene
Concen: 1.077 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Tgt Ion:178 Resp: 78453

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.2	15.4	23.0



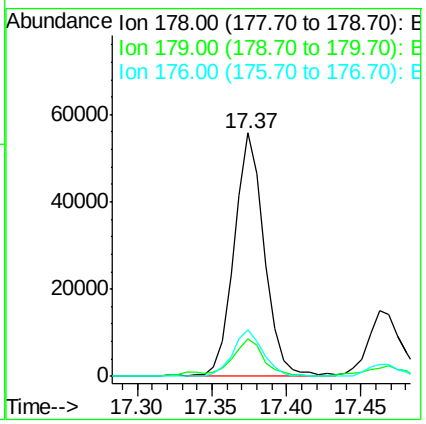


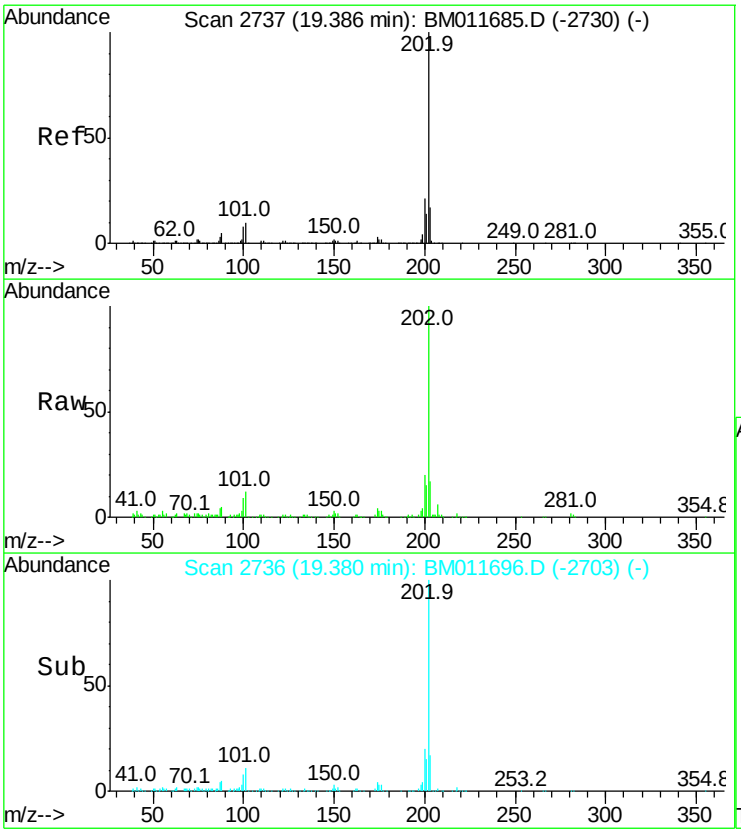
#72
Anthracene
Concen: 1.050 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. -0.09 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 78453

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.2	15.4	23.0

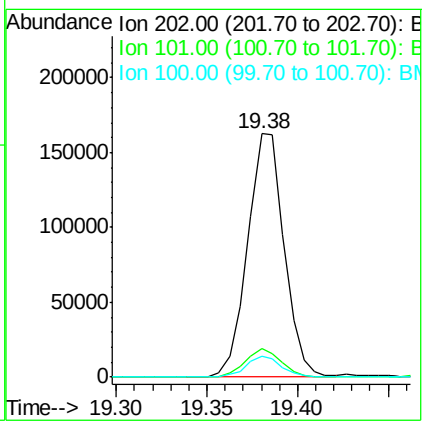


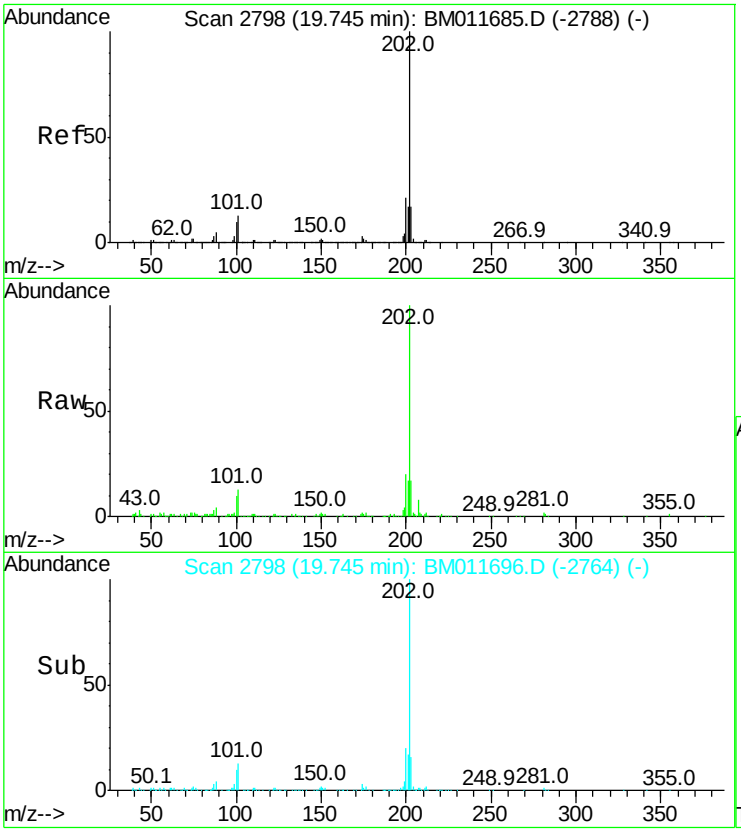


#77
Fluoranthene
Concen: 3.046 ng/ul
RT: 19.38 min Scan# 2736
Delta R.T. -0.01 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Tgt Ion:202 Resp: 228095

Ion	Ratio	Lower	Upper
202	100		
101	11.5	6.1	9.1#
100	8.6	4.6	7.0#



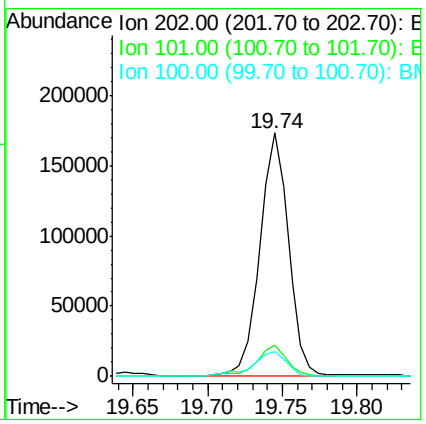


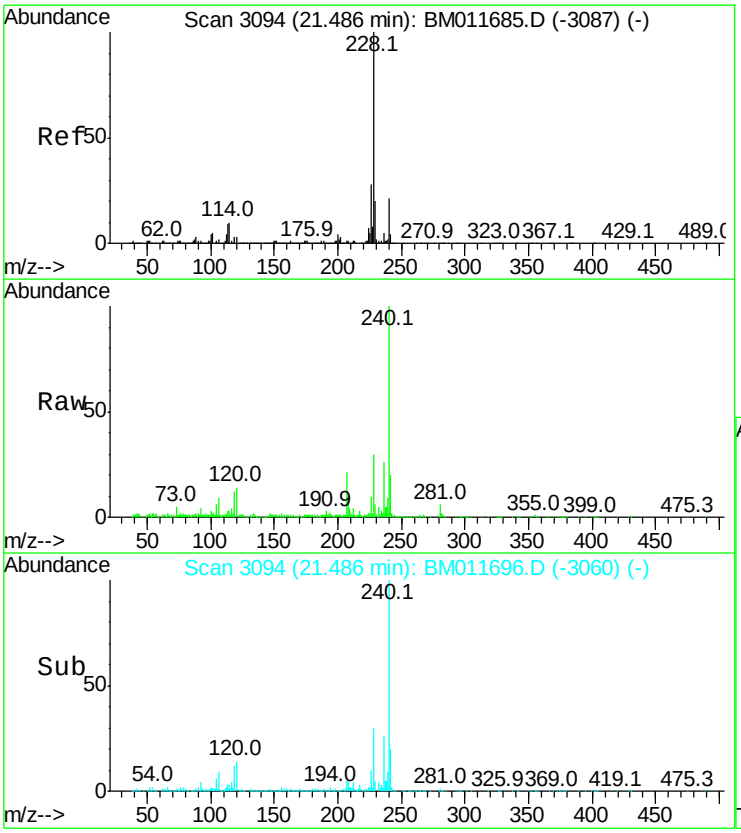
#80
Pyrene
Concen: 3.139 ng/ul
RT: 19.74 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 232090

Ion	Ratio	Lower	Upper
202	100		
101	12.8	6.9	10.3#
100	9.9	5.6	8.4#

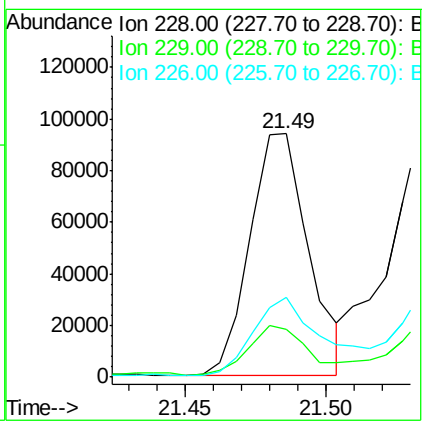


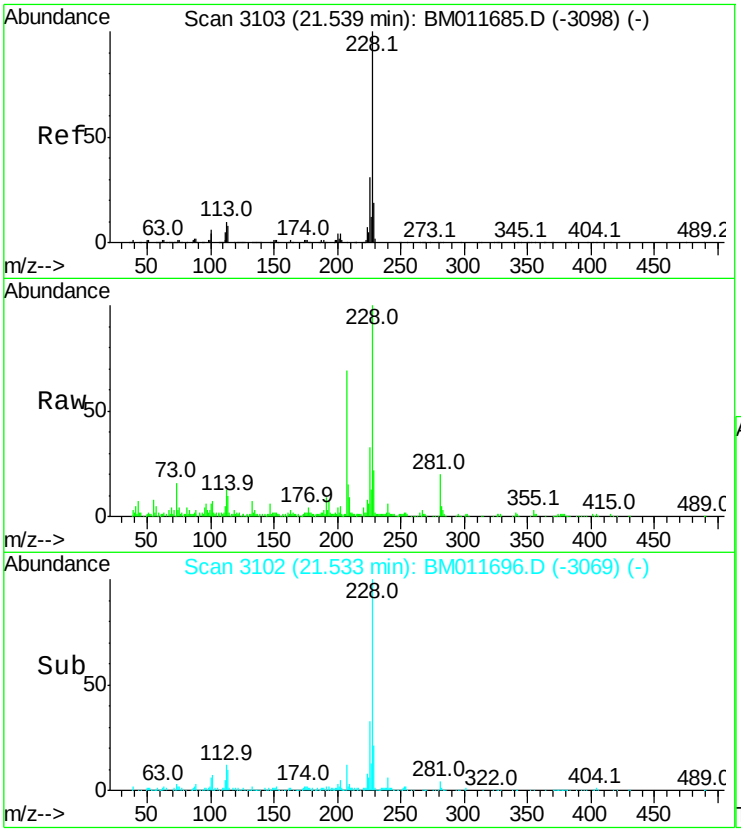


#83
Benzo(a)anthracene
Concen: 1.946 ng/ul
RT: 21.49 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Tgt Ion:228 Resp: 135807

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.0	24.0
226	32.8	21.8	32.8



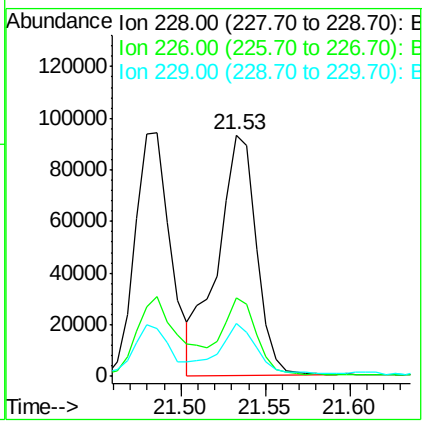


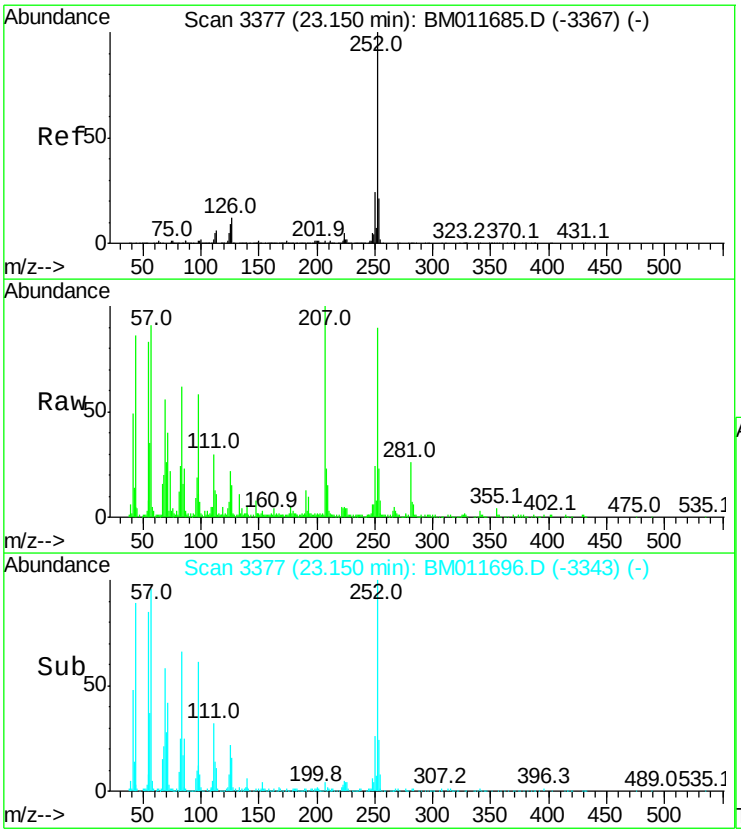
#85
Chrysene
Concen: 2.365 ng/ul
RT: 21.53 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 149608

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.1	36.1
229	22.0	16.0	24.0

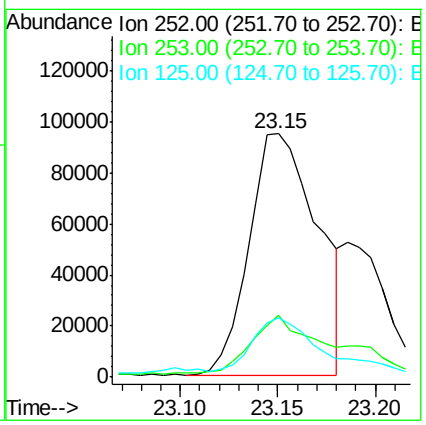


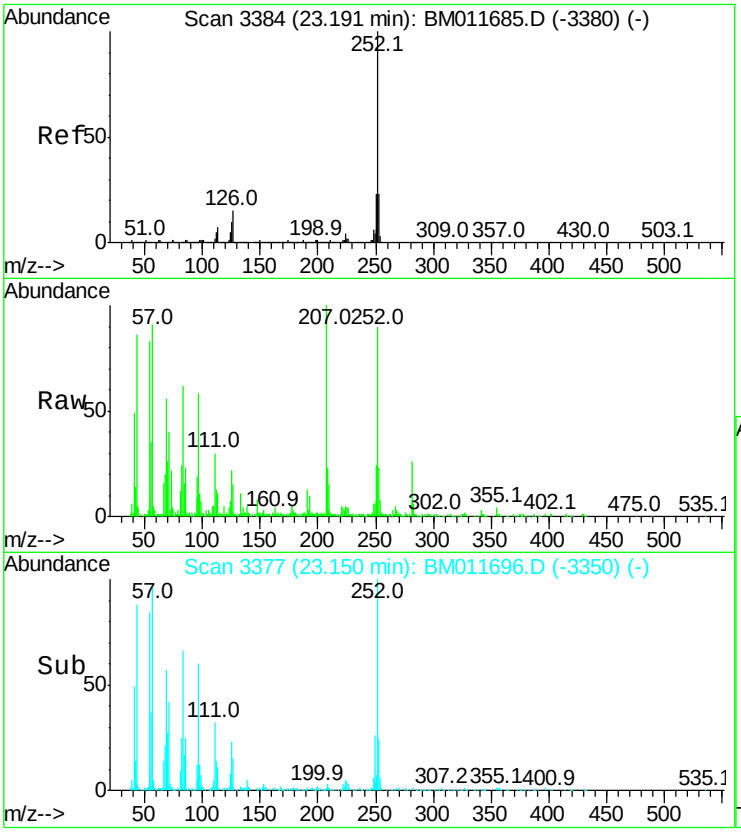


#88
Benzo(b)fluoranthene
Concen: 2.829 ng/ul
RT: 23.15 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Tgt Ion:252 Resp: 229935

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	24.2	4.9	7.3#



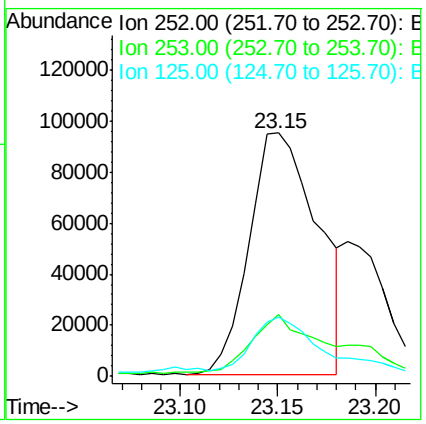


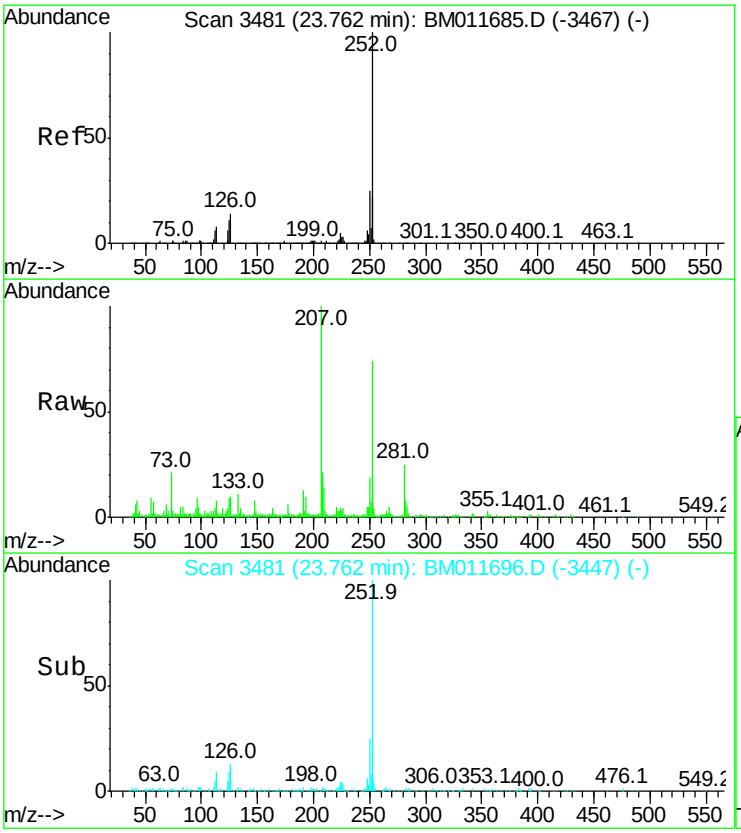
#89
Benzo(k)fluoranthene
Concen: 2.946 ng/ul
RT: 23.15 min Scan# 3377
Delta R.T. -0.04 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 229935

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	24.2	5.4	8.0#

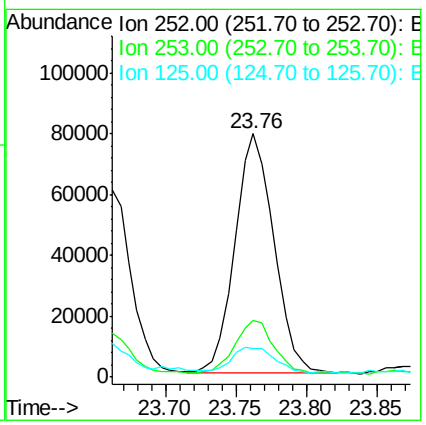


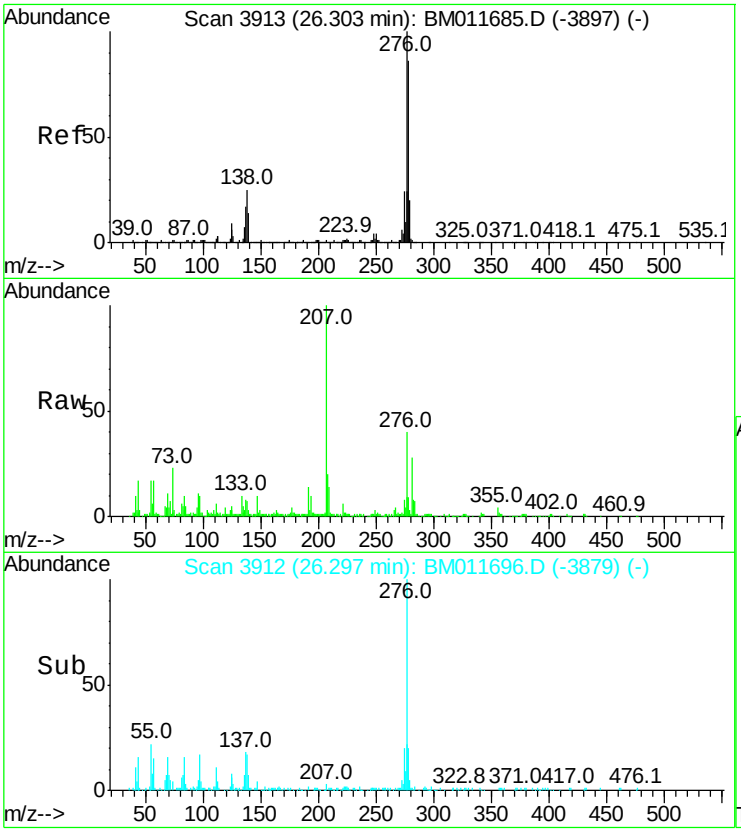


#91
Benzo(a)pyrene
Concen: 1.976 ng/ul
RT: 23.76 min Scan# 3481
Delta R.T. 0.00 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Tgt Ion:252 Resp: 151607

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	11.8	5.8	8.6#



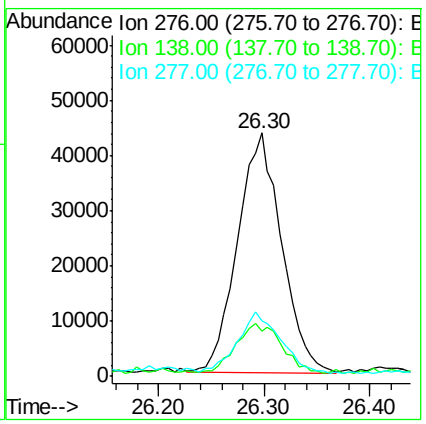


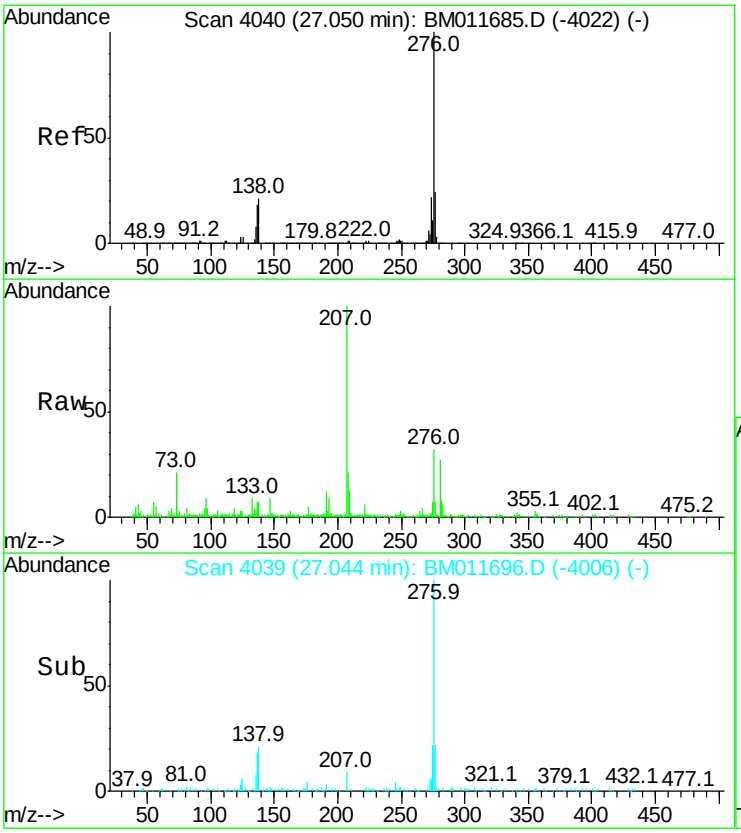
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.486 ng/ul
RT: 26.30 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 125440

Ion	Ratio	Lower	Upper
276	100		
138	18.4	10.9	16.3#
277	22.7	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 1.770 ng/ul
RT: 27.04 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BM011696.D
Acq: 22 Sep 2017 17:22

Tgt Ion:276 Resp: 120968

Ion	Ratio	Lower	Upper
276	100		
138	22.6	11.2	16.8#
277	23.0	19.0	28.6