Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011661.D
Acq On : 21 Sep 2017 19:38
Operator : SJ/JU
Sample : I5283-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 22 03:53:01 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	320997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1530836	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	871482	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1932117	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2053952	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1897320	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	994	0.14	ng/uL	0.01
5) Phenol-d5	7.13	99	3613	0.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.29	67	36645	1.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	5232	0.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	2234	0.09	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	150	0.01	ng/ul	0.11
22) 2-Nitrophenol-d4	9.87	143	242	0.02	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.41	165	109	0.00	ng/ul	0.03
29) 4-Chloroaniline-d4	10.78	131	703	0.03	ng/ul	-0.12
44) Dimethylphthalate-d6	13.99	166	16850	0.23	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	176166	1.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	235	0.02	ng/ul	-0.13
58) Fluorene-d10	15.58	176	153307	2.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	256985	2.70	ng/ul	0.00
79) Pyrene-d10	19.72	212	301786	3.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	217858	2.41	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.37	178	331778	3.081	ng/ul	99
77) Fluoranthene	19.38	202	637210	5.753	ng/ul#	91
80) Pyrene	19.74	202	577581	4.820	ng/ul#	87
83) Benzo(a)anthracene	21.48	228	334555	2.958	ng/ul	99
85) Chrysene	21.53	228	321348	3.134	ng/ul	98
88) Benzo(b)fluoranthene	23.14	252	419139	3.672	ng/ul#	88
89) Benzo(k)fluoranthene	23.14	252	419139	3.824	ng/ul#	88
91) Benzo(a)pyrene	23.76	252	247544	2.298	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.29	276	145633	1.229	ng/ul#	91
94) Benzo(g,h,i)perylene	27.04	276	141109	1.470	ng/ul#	93

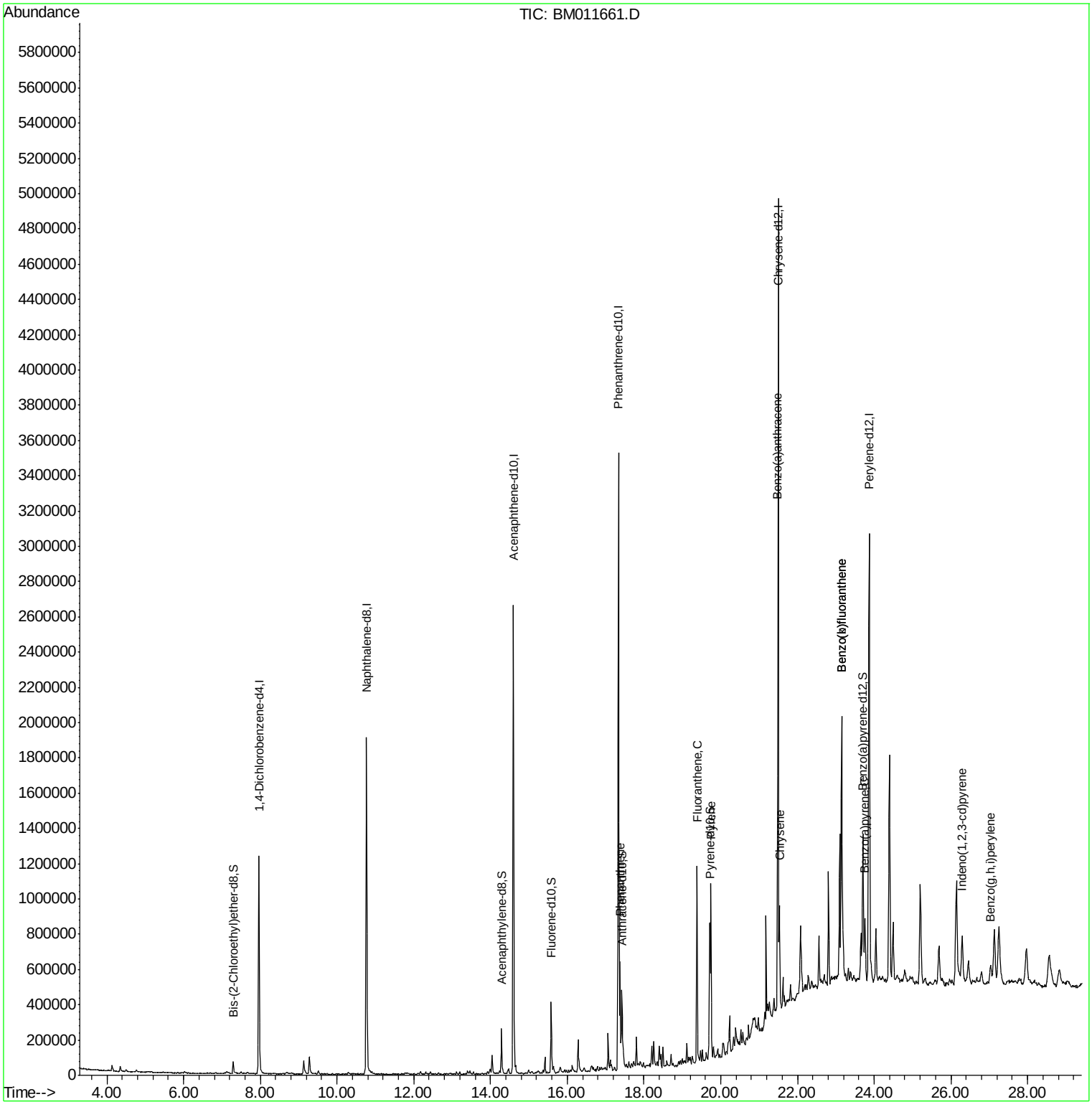
(#) = qualifier out of range (m) = manual integration (+) = signals summed

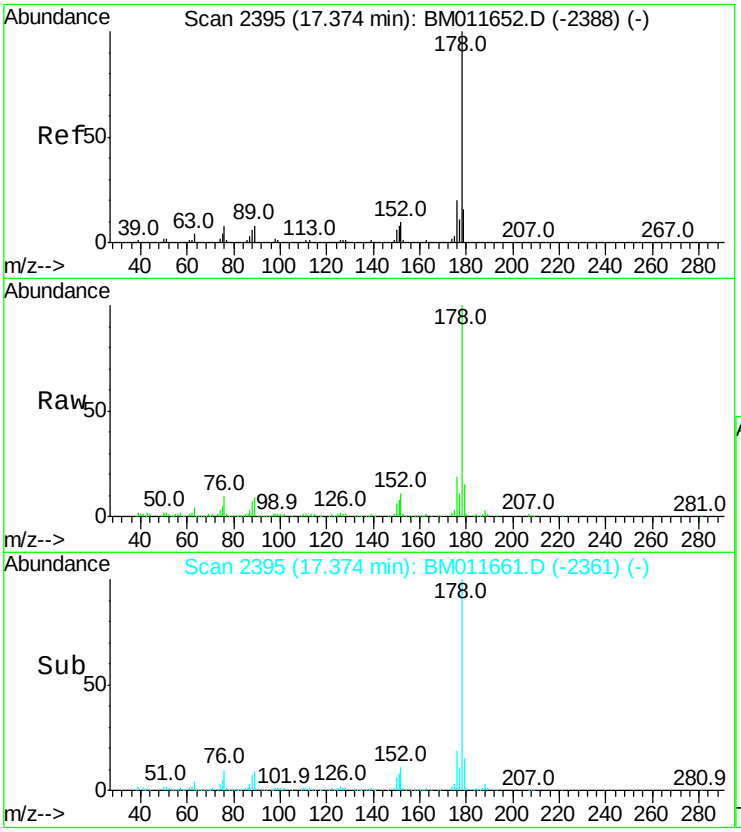
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011661.D
Acq On : 21 Sep 2017 19:38
Operator : SJ/JU
Sample : I5283-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 03:53:01 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



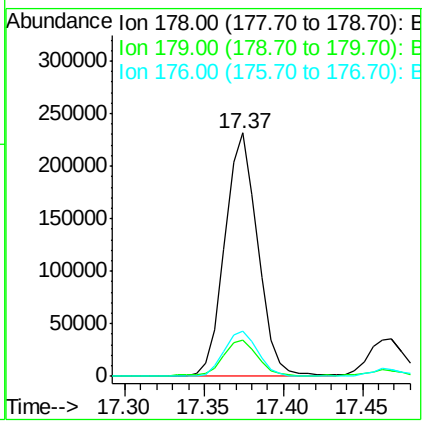


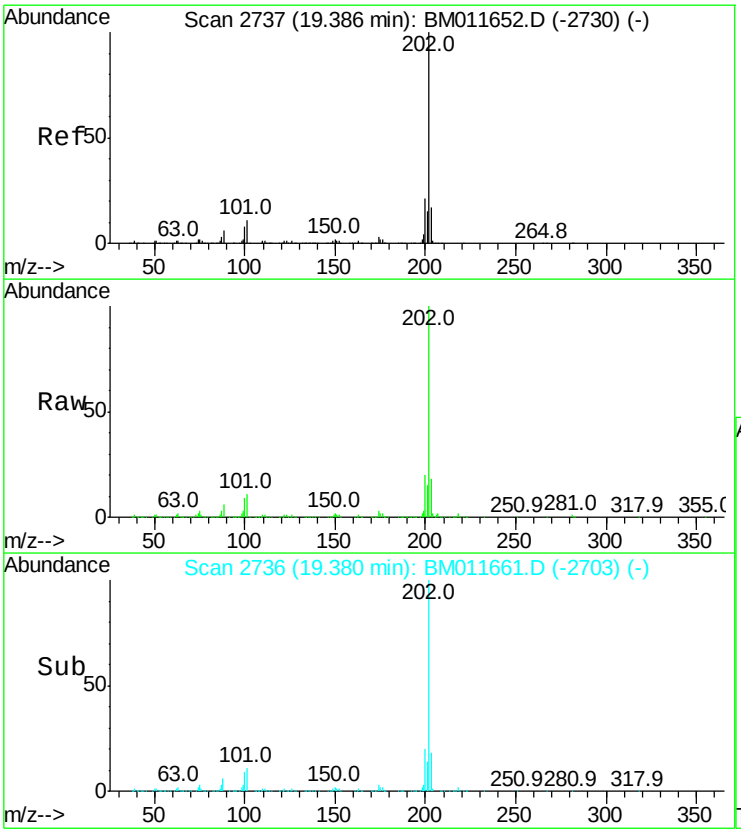
#70
Phenanthrene
Concen: 3.081 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 331778

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.7	15.4	23.0

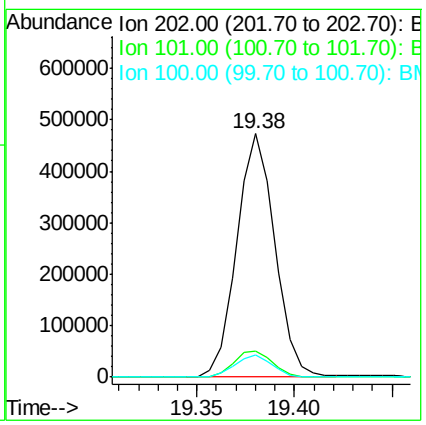


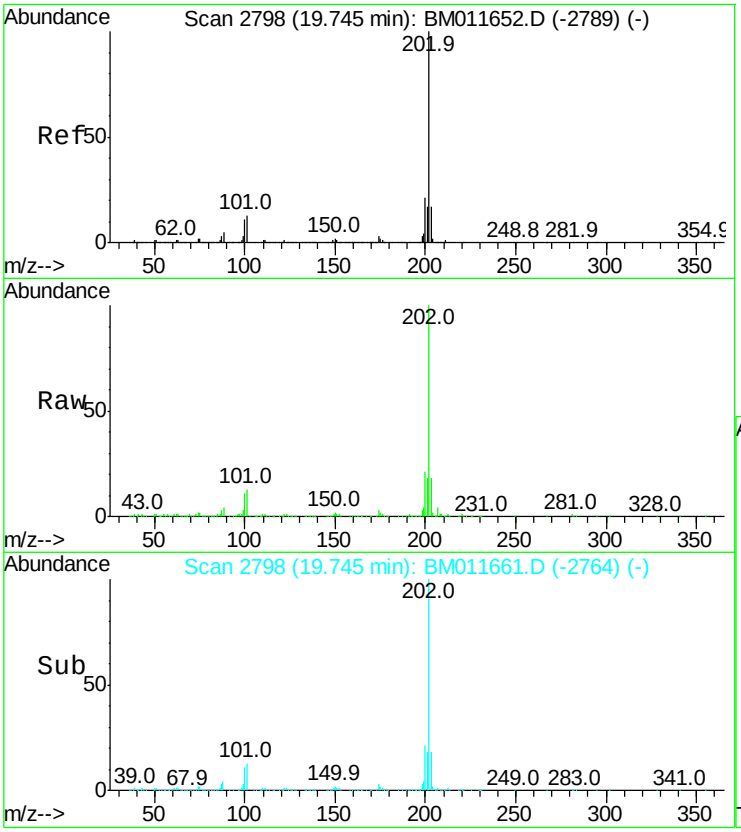


#77
Fluoranthene
Concen: 5.753 ng/ul
RT: 19.38 min Scan# 2736
Delta R.T. -0.01 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Tgt Ion:202 Resp: 637210

Ion	Ratio	Lower	Upper
202	100		
101	10.8	6.1	9.1#
100	9.0	4.6	7.0#



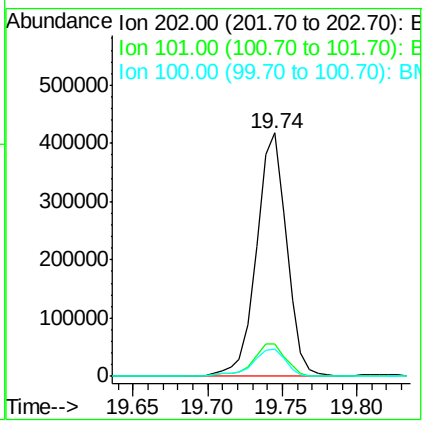


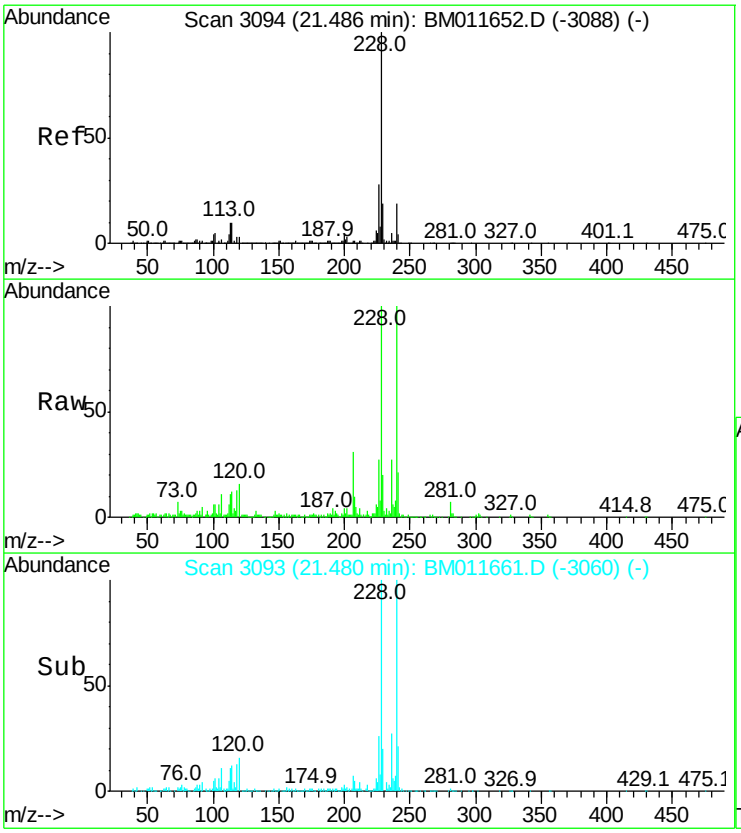
#80
Pyrene
Concen: 4.820 ng/ul
RT: 19.74 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 577581

Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.9	10.3#
100	11.3	5.6	8.4#

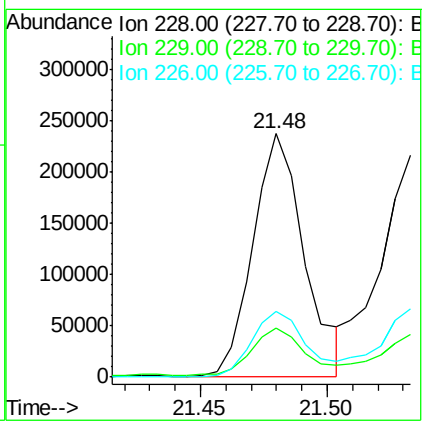


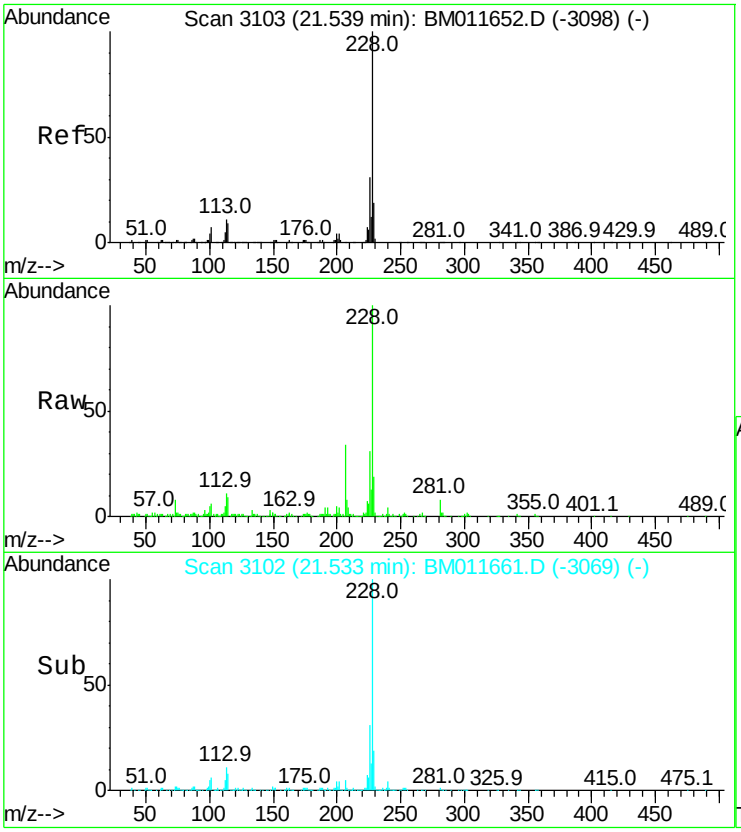


#83
Benzo(a)anthracene
Concen: 2.958 ng/ul
RT: 21.48 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Tgt Ion:228 Resp: 334555

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.0	24.0
226	26.8	21.8	32.8



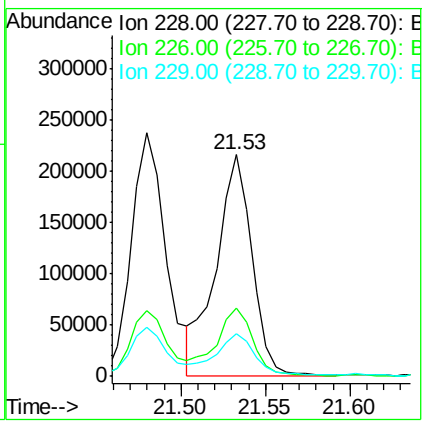


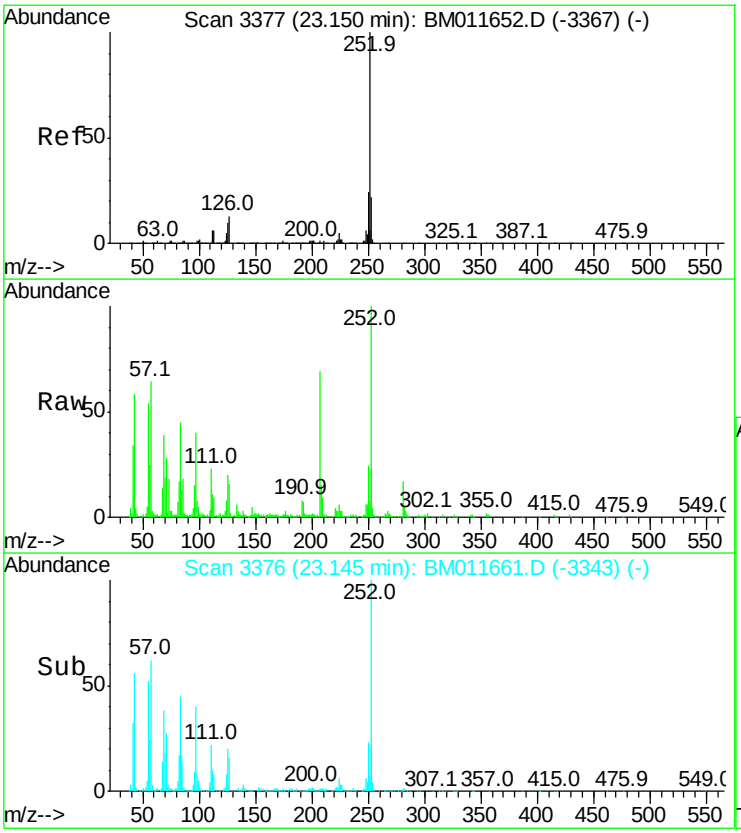
#85
Chrysene
Concen: 3.134 ng/ul
RT: 21.53 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 321348

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	19.2	16.0	24.0

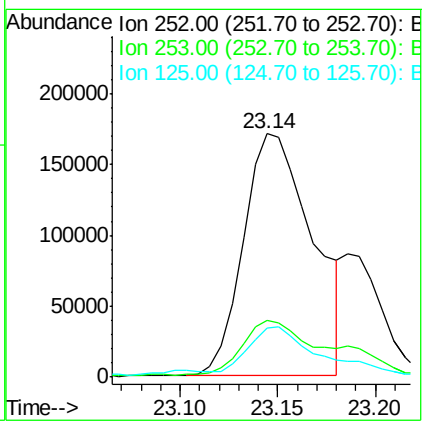


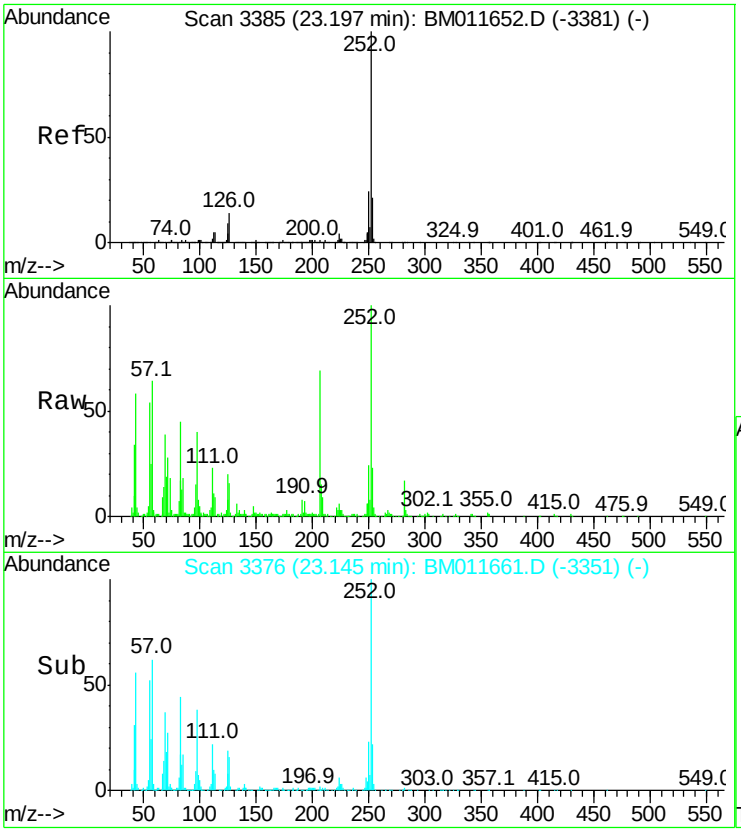


#88
Benzo(b)fluoranthene
Concen: 3.672 ng/ul
RT: 23.14 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Tgt Ion:252 Resp: 419139

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	20.2	4.9	7.3#



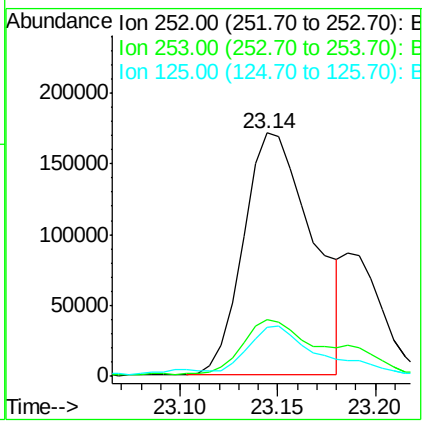


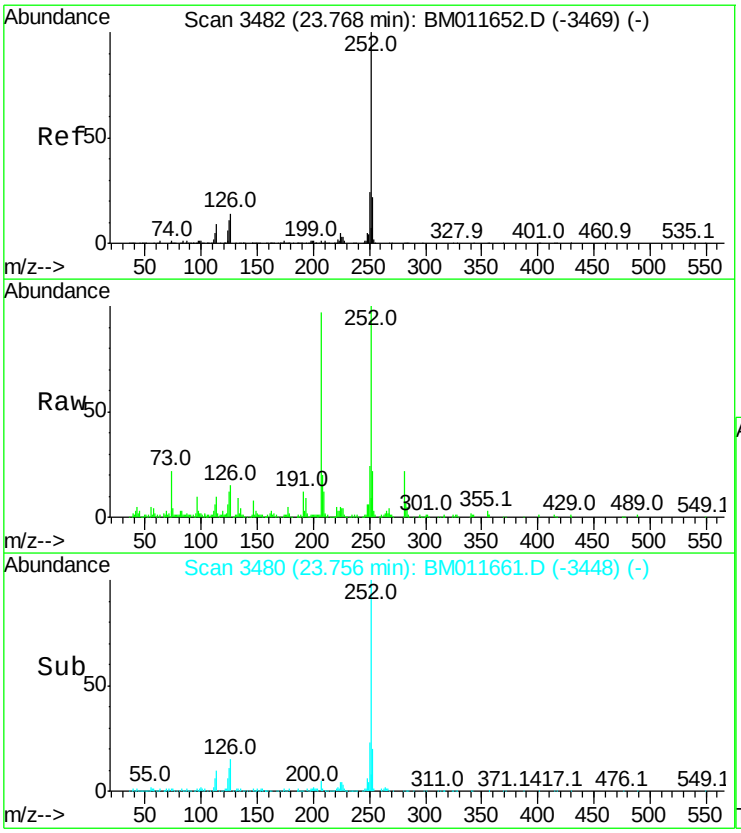
#89
Benzo(k)fluoranthene
Concen: 3.824 ng/ul
RT: 23.14 min Scan# 3376
Delta R.T. -0.05 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 419139

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	20.2	5.4	8.0#

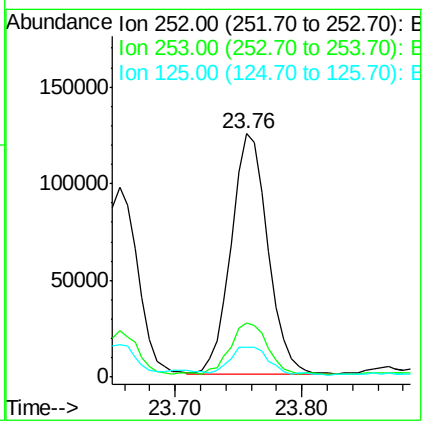


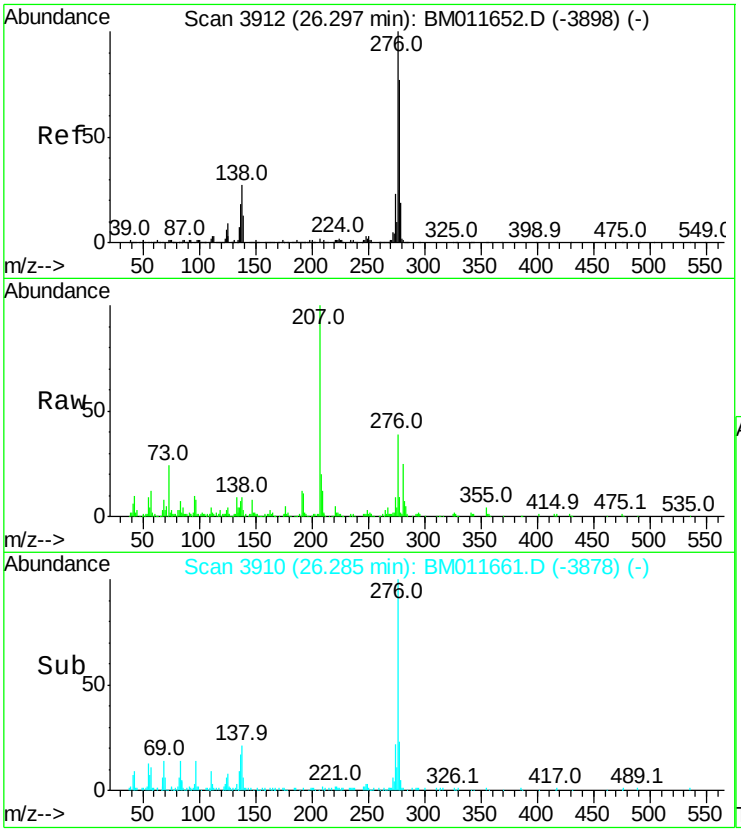


#91
Benzo(a)pyrene
Concen: 2.298 ng/ul
RT: 23.76 min Scan# 3480
Delta R.T. -0.01 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Tgt Ion:252 Resp: 247544

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.2	5.8	8.6#



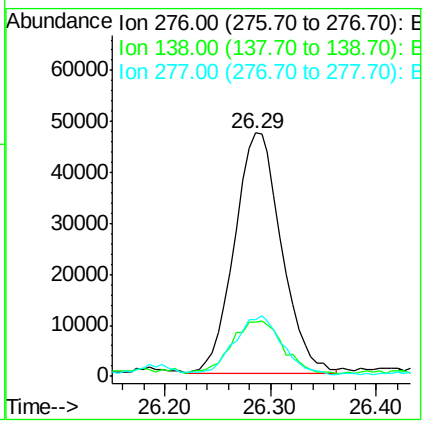


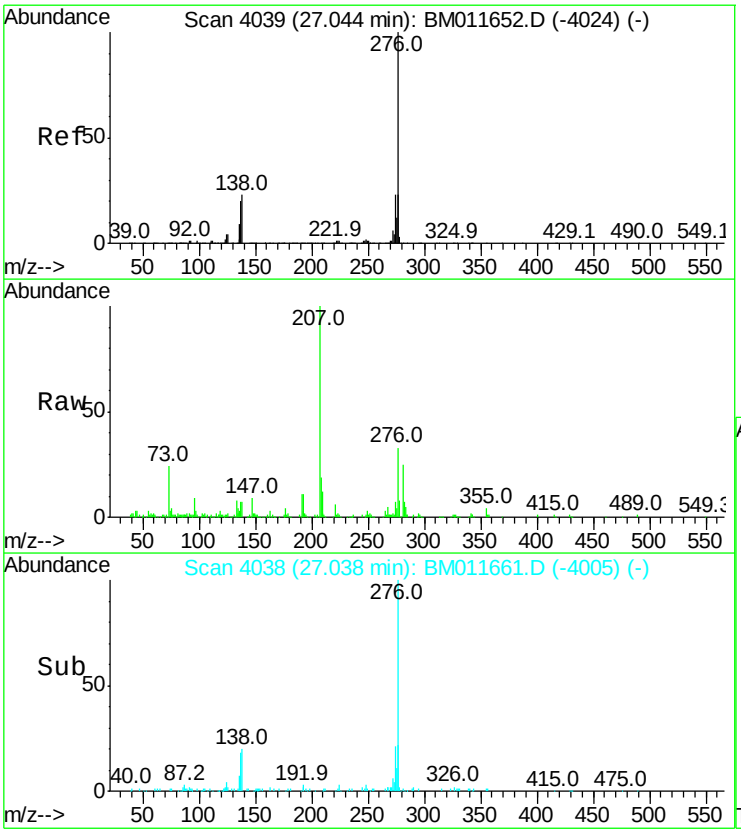
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.229 ng/ul
RT: 26.29 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 145633

Ion	Ratio	Lower	Upper
276	100		
138	22.2	10.9	16.3#
277	23.0	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 1.470 ng/ul
RT: 27.04 min Scan# 4038
Delta R.T. -0.01 min
Lab File: BM011661.D
Acq: 21 Sep 2017 19:38

Tgt Ion:276 Resp: 141109

Ion	Ratio	Lower	Upper
276	100		
138	21.3	11.2	16.8#
277	23.3	19.0	28.6