Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
Data File : BG018077.D
Acq On : 23 Jul 2015 22:38
Operator : TP/UM
Sample : G3035-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 24 01:34:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	45100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	216125	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	145704	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	334881	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	347723	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	348898	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	2200	3.05	ng/uL	0.00
5) Phenol-d5	6.70	99	51731	14.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	27753	16.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	48057	15.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	32278	10.46	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	26513	15.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	29915	16.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	46586	14.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	62986	17.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	166917	16.32	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	199876	15.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	30098	13.99	ng/ul	0.00
58) Fluorene-d10	15.18	176	150357	15.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	22147	10.34	ng/ul	0.00
71) Anthracene-d10	17.03	188	220628	15.21	ng/ul	0.00
79) Pyrene-d10	19.34	212	235695	14.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	208451	12.52	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.33	105	11910	2.74	ng/ul	91
45) Dimethylphthalate	13.65	163	39830	3.87	ng/ul	99
70) Phenanthrene	16.97	178	72250	4.29	ng/ul	98
77) Fluoranthene	19.00	202	127721	7.13	ng/ul	98
80) Pyrene	19.37	202	123714	6.21	ng/ul	98
83) Benzo(a)anthracene	21.12	228	67621	3.68	ng/ul	98
85) Chrysene	21.17	228	67534	3.90	ng/ul	96
88) Benzo(b)fluoranthene	22.66	252	83197	4.35	ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	83197	4.50	ng/ul	97
91) Benzo(a)pyrene	23.22	252	59837	3.23	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.52	276	36407	1.70	ng/ul	94
94) Benzo(g,h,i)perylene	26.20	276	24595	1.39	ng/ul	94

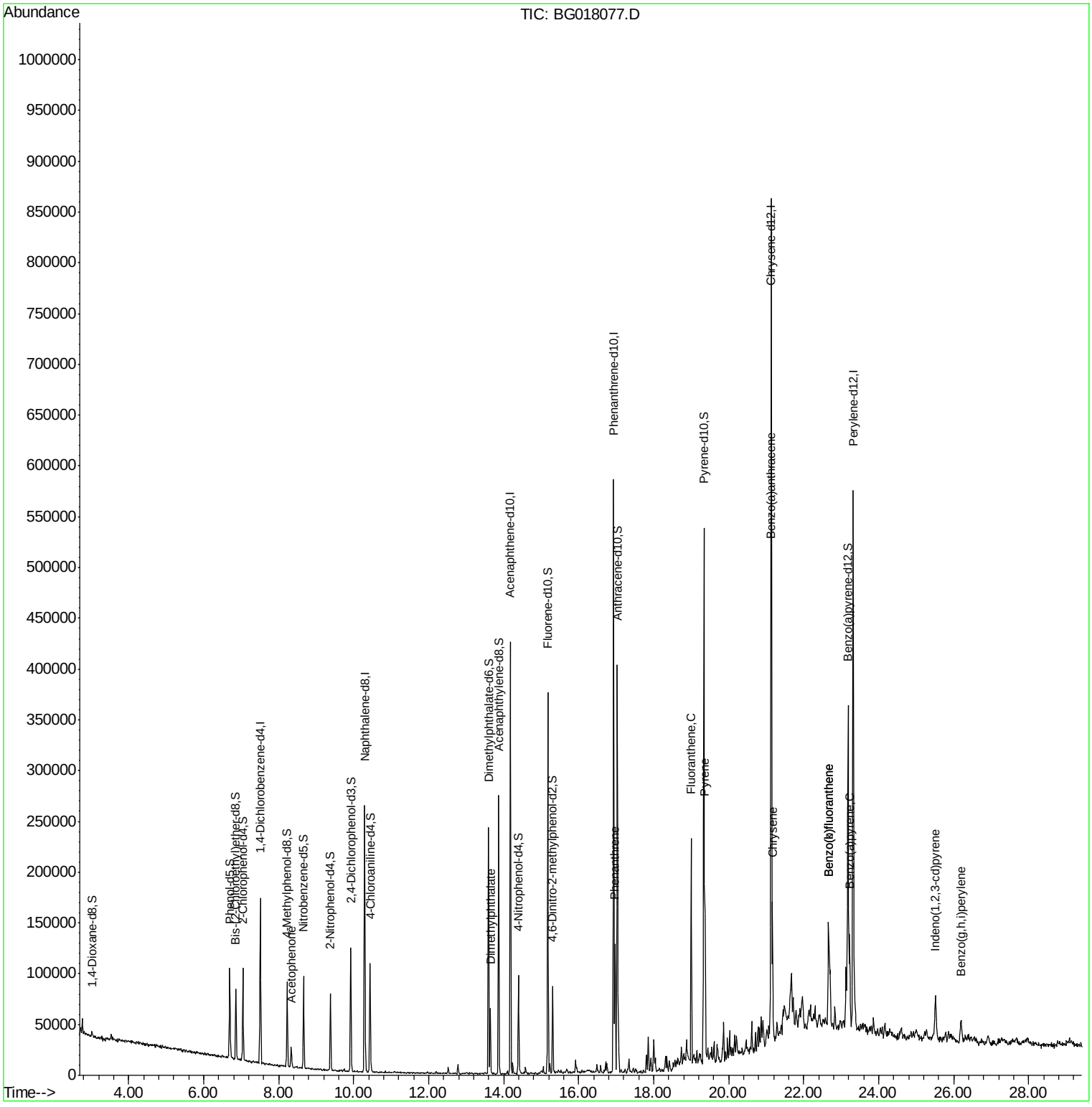
(#) = qualifier out of range (m) = manual integration (+) = signals summed

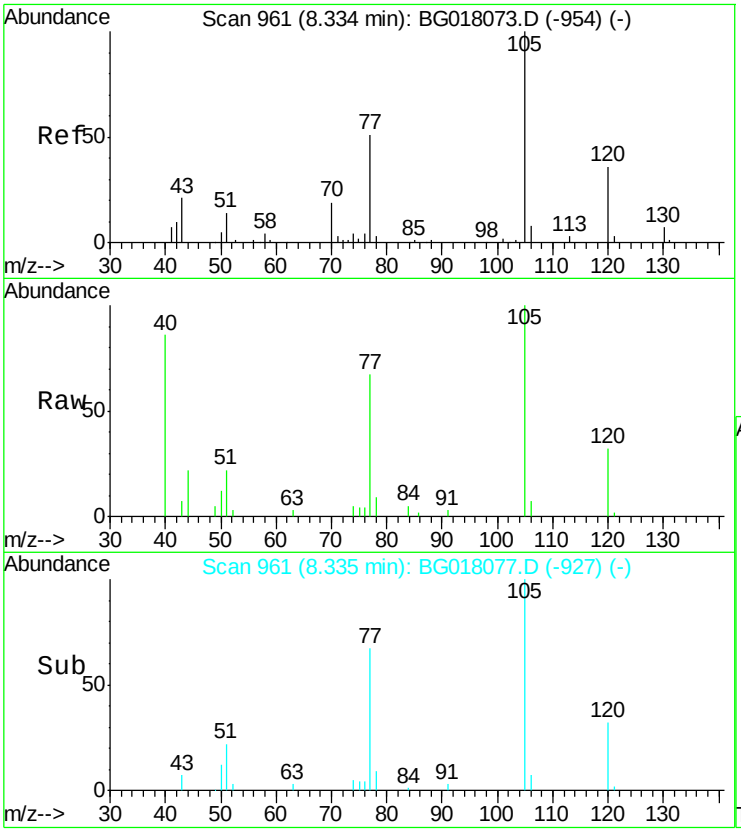
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
Data File : BG018077.D
Acq On : 23 Jul 2015 22:38
Operator : TP/UM
Sample : G3035-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 24 01:34:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration



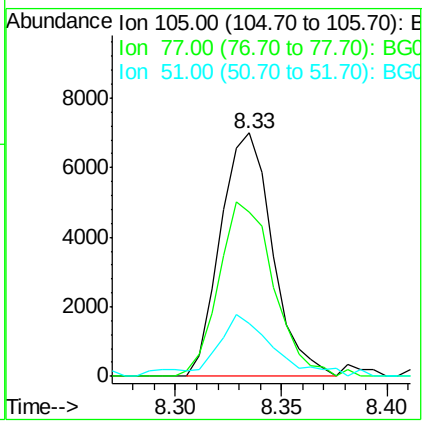


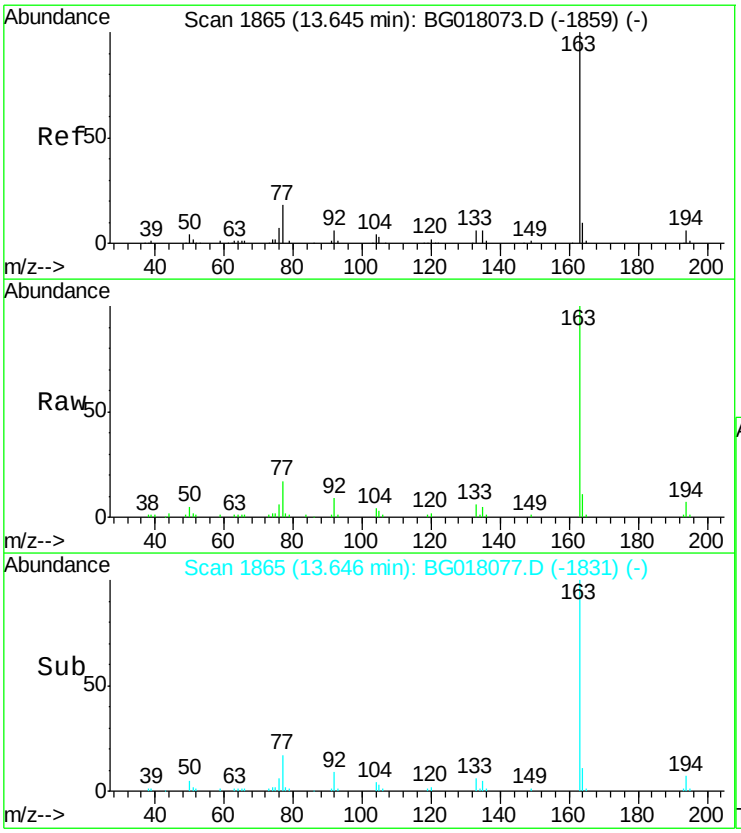
#14
Acetophenone
Concen: 2.74 ng/ul
RT: 8.33 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 11910

Ion	Ratio	Lower	Upper
105	100		
77	67.2	61.7	92.5
51	21.6	18.1	27.1

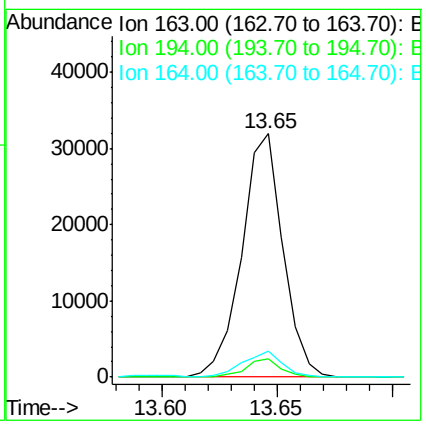


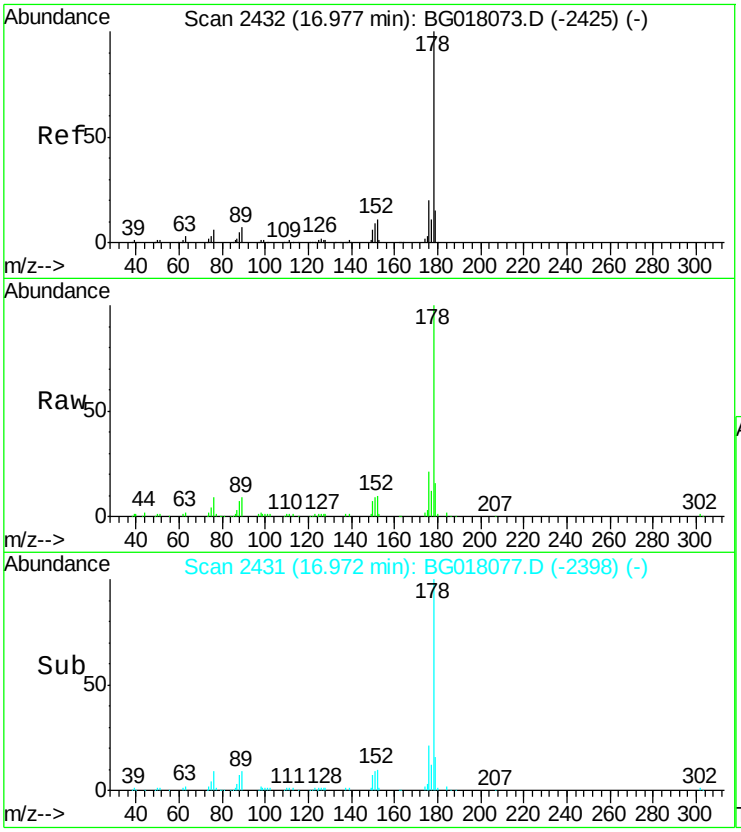


#45
Dimethylphthalate
Concen: 3.87 ng/ul
RT: 13.65 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Tgt Ion:163 Resp: 39830

Ion	Ratio	Lower	Upper
163	100		
194	7.3	5.4	8.2
164	10.8	8.7	13.1



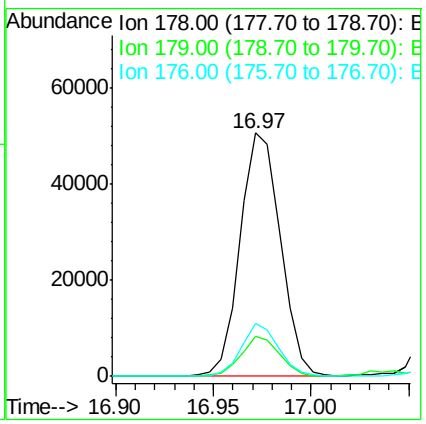


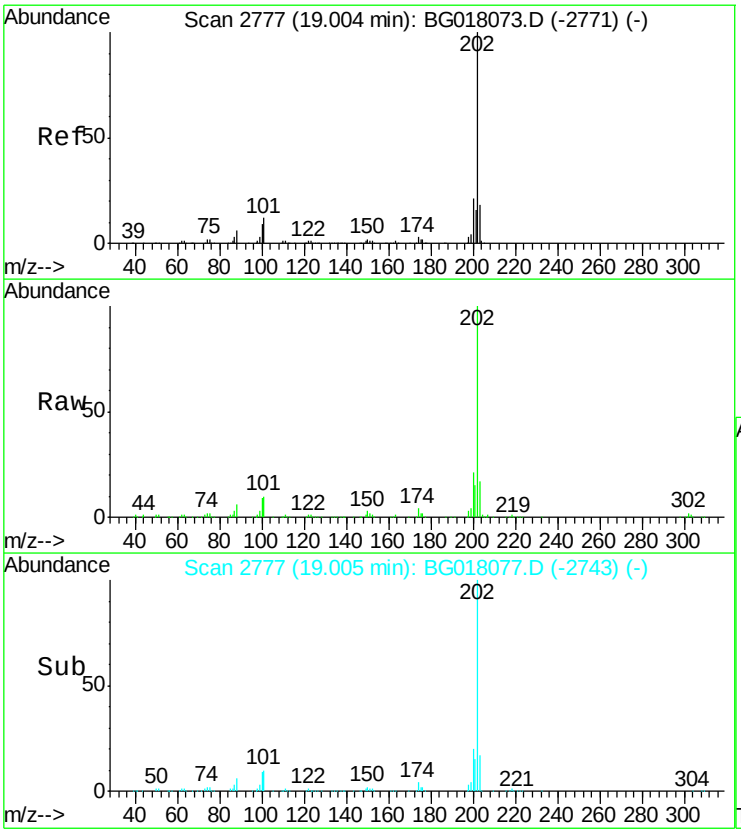
#70
Phenanthrene
Concen: 4.29 ng/ul
RT: 16.97 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 72250

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	21.5	15.8	23.8

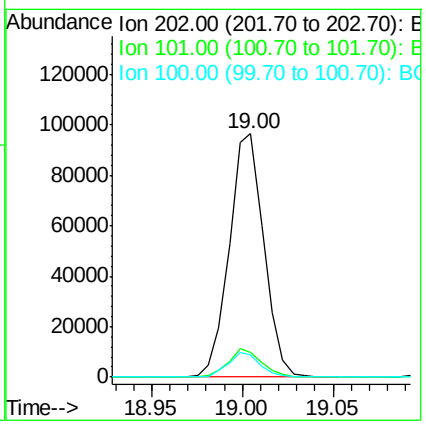


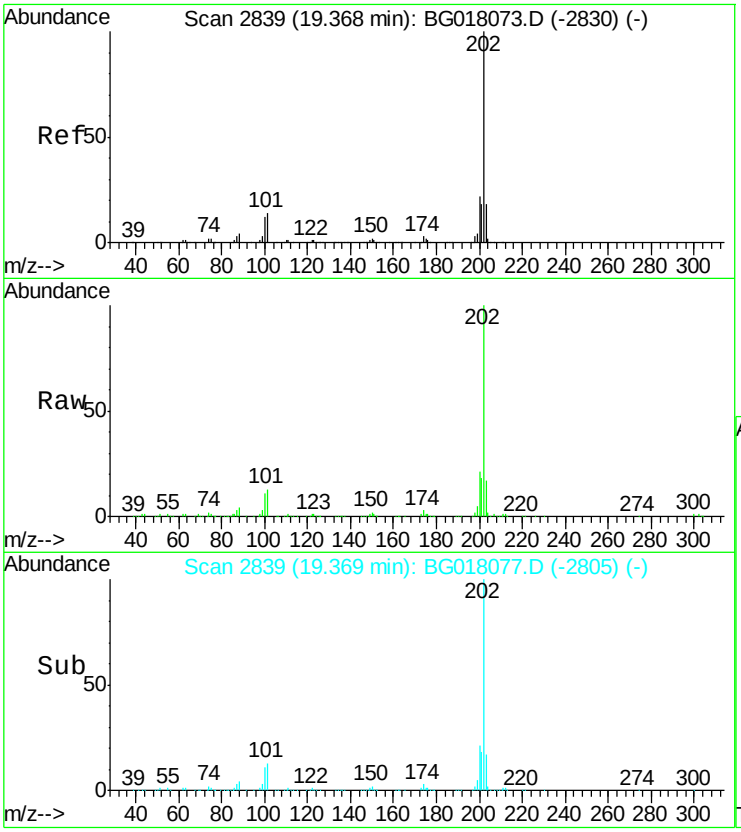


#77
Fluoranthene
Concen: 7.13 ng/ul
RT: 19.00 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Tgt Ion:202 Resp: 127721

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.1	13.7
100	9.2	7.5	11.3



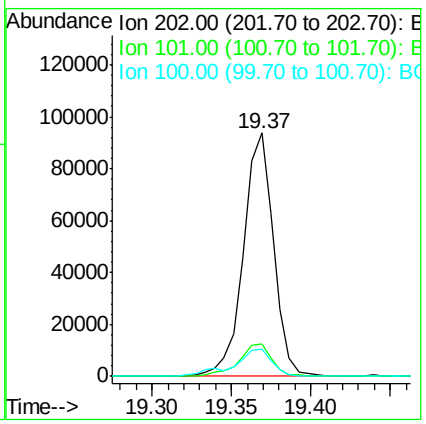


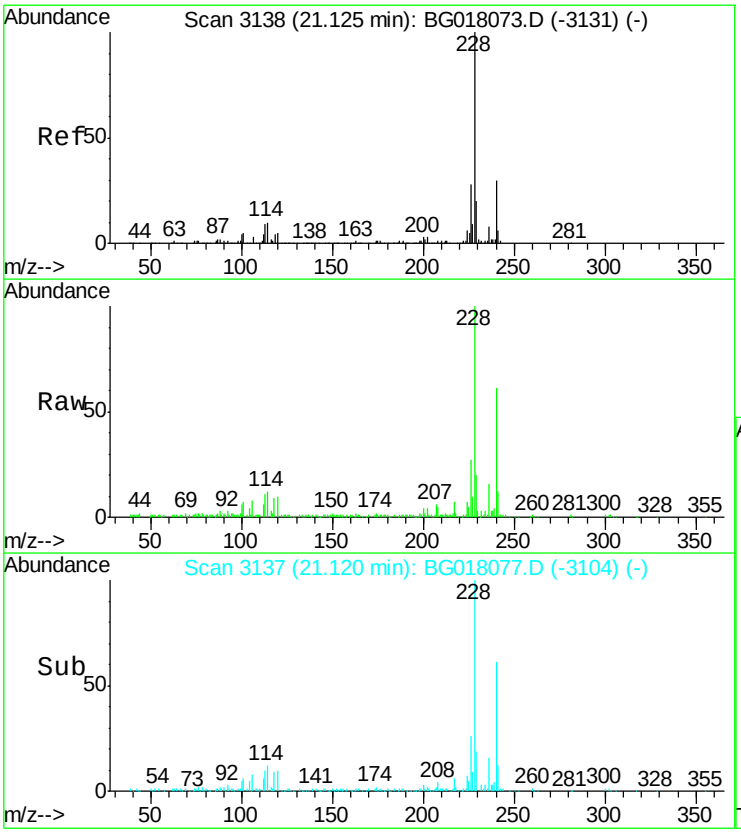
#80
Pyrene
Concen: 6.21 ng/ul
RT: 19.37 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 123714

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.9	16.3
100	11.5	8.5	12.7

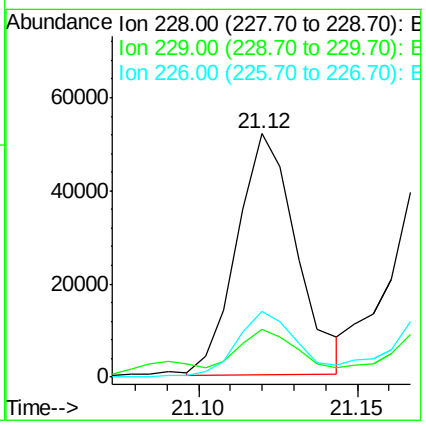


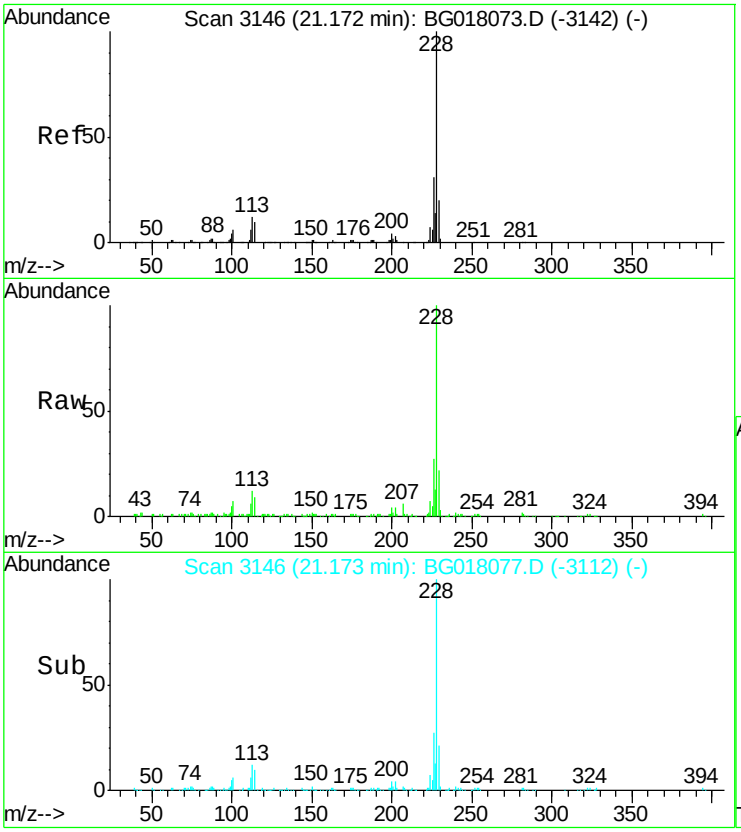


#83
Benzo(a)anthracene
Concen: 3.68 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Tgt Ion:228 Resp: 67621

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.6	24.8
226	27.2	21.1	31.7



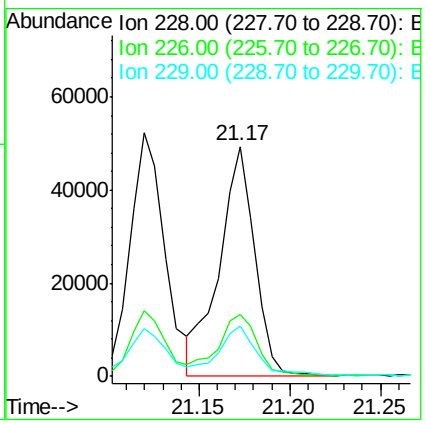


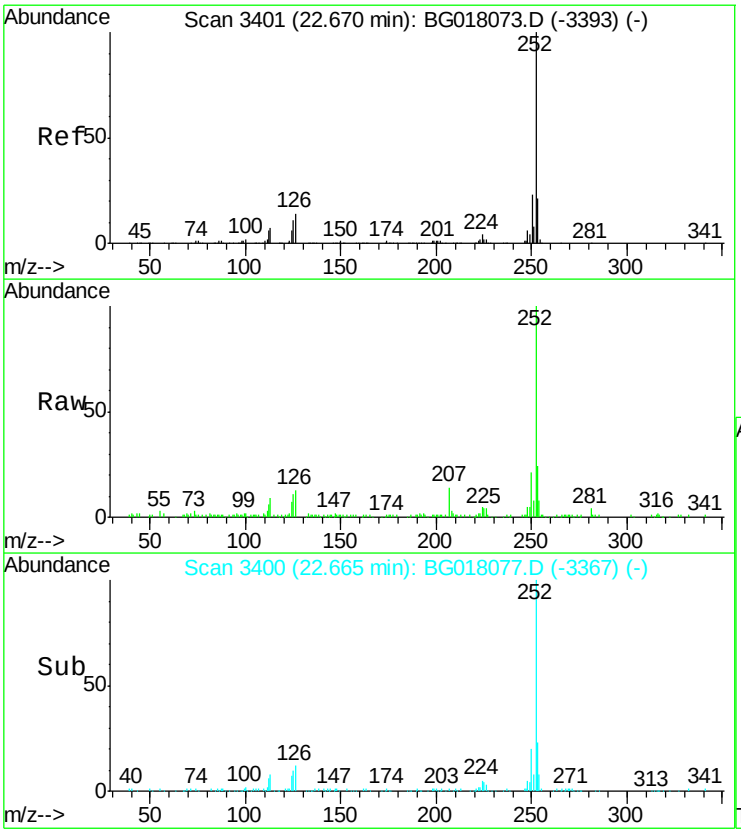
#85
Chrysene
Concen: 3.90 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 67534

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.9	34.3
229	22.2	15.6	23.4

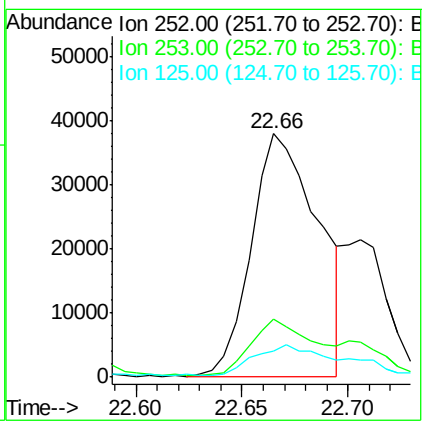


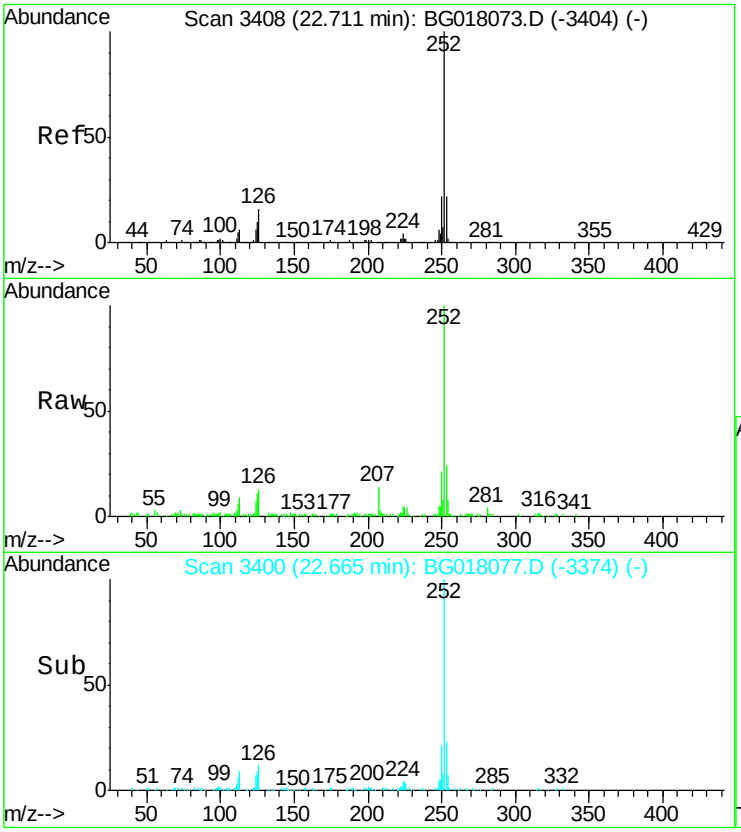


#88
Benzo(b)fluoranthene
Concen: 4.35 ng/ul
RT: 22.66 min Scan# 3400
Delta R.T. -0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Tgt Ion:252 Resp: 83197

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	10.8	9.1	13.7



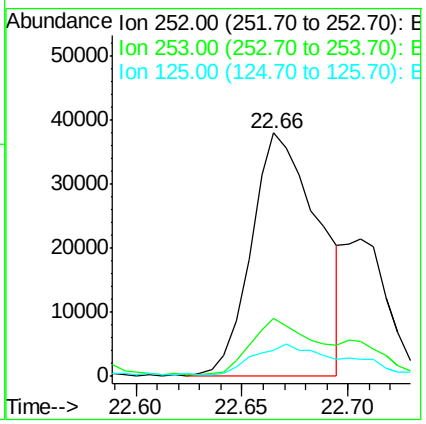


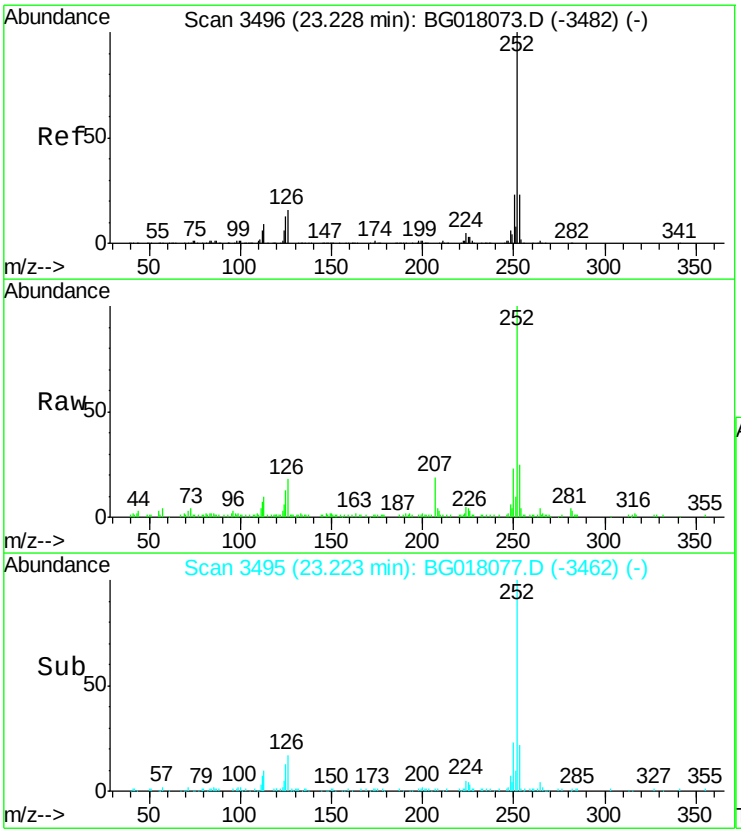
#89
Benzo(k)fluoranthene
Concen: 4.50 ng/ul
RT: 22.66 min Scan# 3400
Delta R.T. -0.05 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 83197

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	10.8	9.3	13.9

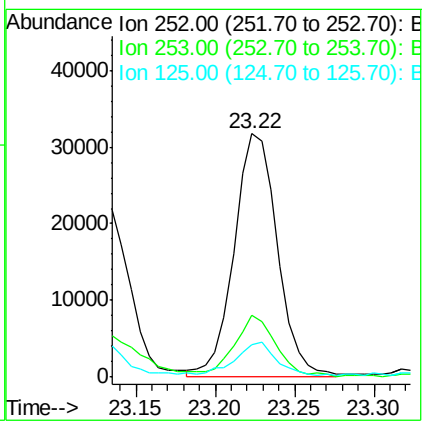


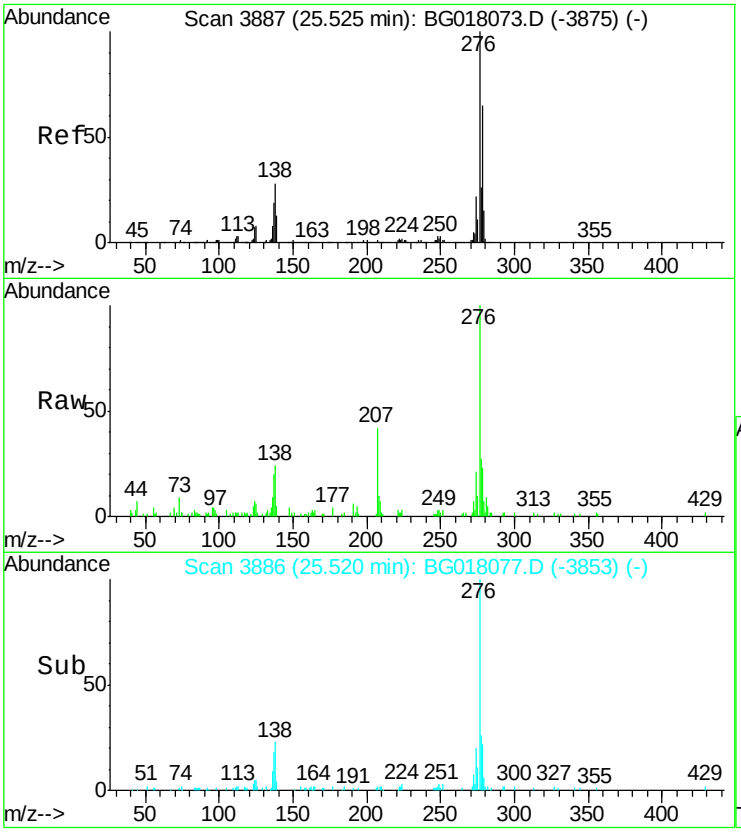


#91
Benzo(a)pyrene
Concen: 3.23 ng/ul
RT: 23.22 min Scan# 3495
Delta R.T. -0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Tgt Ion:252 Resp: 59837

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	13.5	10.2	15.2



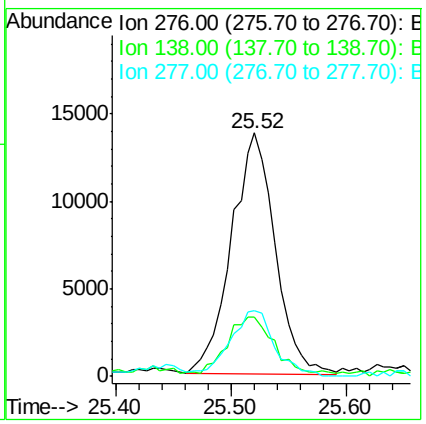


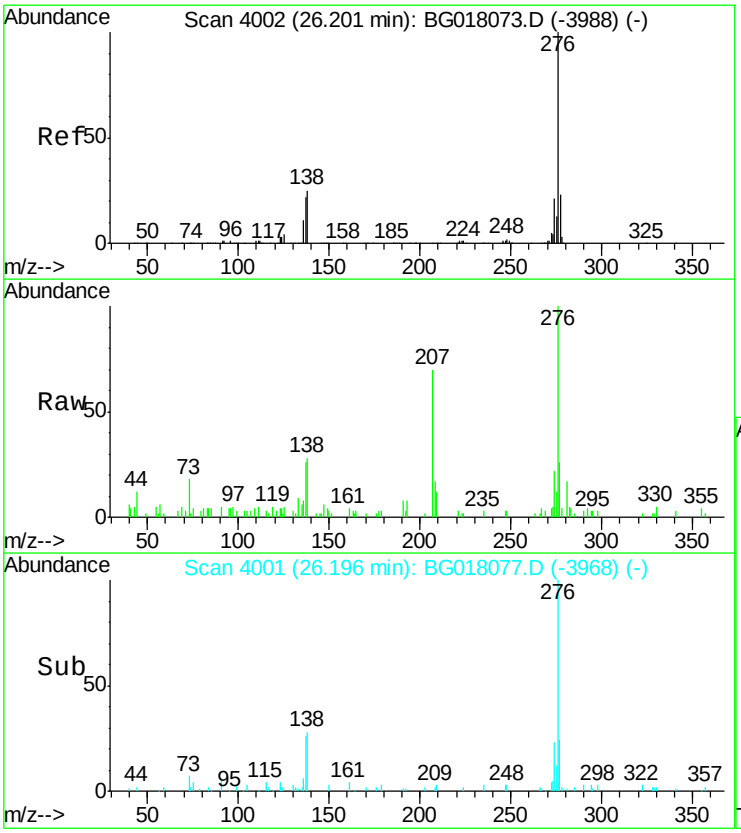
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.70 ng/ul
RT: 25.52 min Scan# 3886
Delta R.T. -0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 36407

Ion	Ratio	Lower	Upper
276	100		
138	24.1	22.6	33.8
277	26.8	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 1.39 ng/ul
RT: 26.20 min Scan# 4001
Delta R.T. -0.00 min
Lab File: BG018077.D
Acq: 23 Jul 2015 22:38

Tgt Ion:276 Resp: 24595

Ion	Ratio	Lower	Upper
276	100		
138	27.7	18.8	28.2
277	26.2	19.3	28.9