Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021364.D
Acq On : 8 Mar 2016 13:14
Operator : UM/SJ
Sample : H1655-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-G70

Quant Time: Mar 09 00:15:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 00:13:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	10608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	50828	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	29530	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	68912	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	72773	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	68007	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1019	4.01	ng/uL	0.00
5) Phenol-d5	7.27	99	24830	22.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	17109	23.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	17834	22.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	19281	21.97	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	9667	23.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	9922	22.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	17657	22.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	25084	25.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	57208	23.43	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	72598	23.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	8338	17.34	ng/ul	0.00
58) Fluorene-d10	15.72	176	50931	23.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	7328	15.15	ng/ul	0.00
71) Anthracene-d10	17.57	188	78314	23.05	ng/ul	0.00
79) Pyrene-d10	19.84	212	82778	22.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	67126	18.55	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.18	163	13144	5.00	ng/ul	98
70) Phenanthrene	17.51	178	7208	1.76	ng/ul#	94
77) Fluoranthene	19.50	202	9882	2.05	ng/ul	100
80) Pyrene	19.87	202	7016	1.45	ng/ul#	93

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

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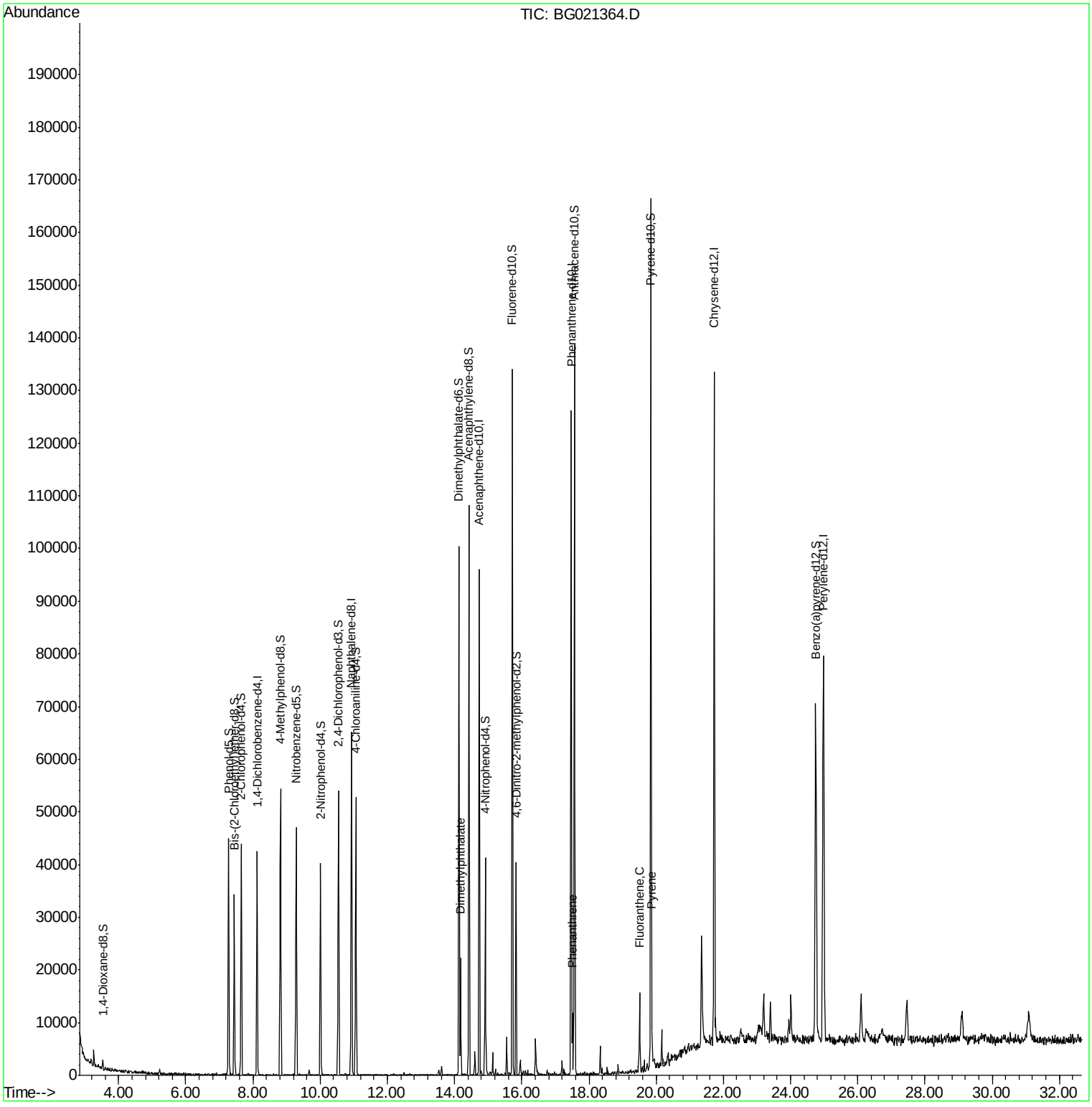
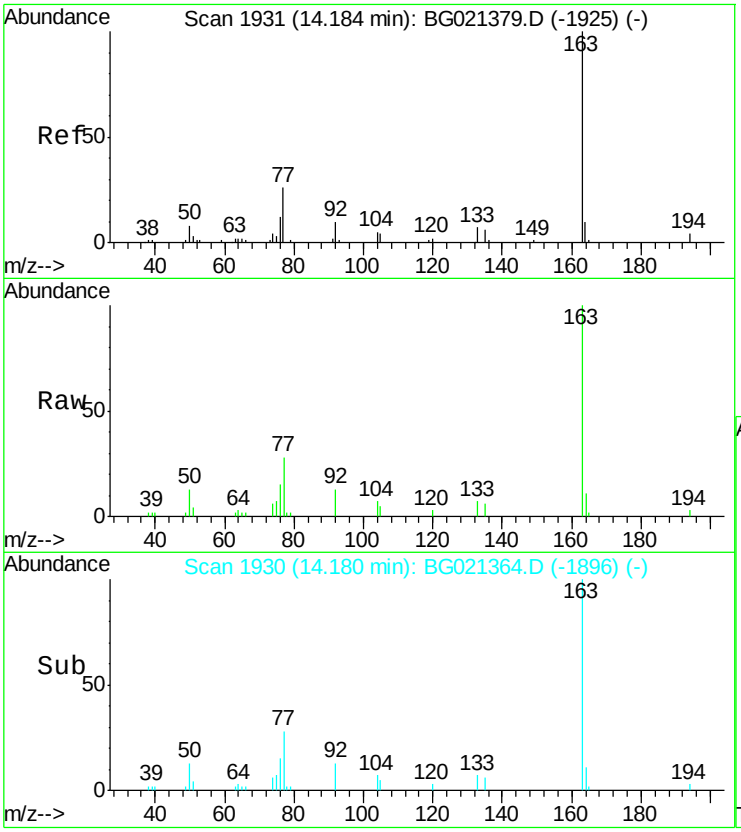


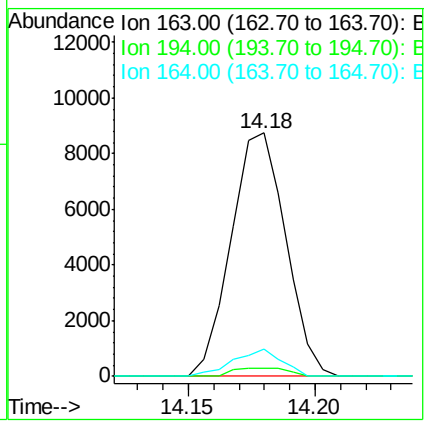


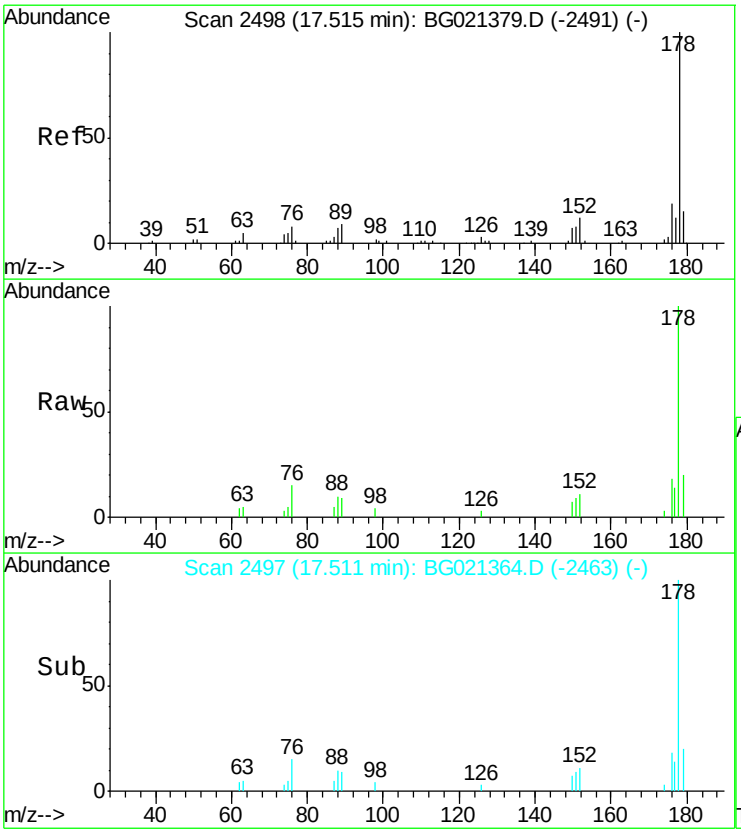
#45
Dimethylphthalate
Concen: 5.00 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021364.D
Acq: 8 Mar 2016 13:14

Instrument :
BNA_G
ClientSampleId :
MS-SS-G70

Tgt Ion:163 Resp: 13144

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	11.2	8.2	12.2

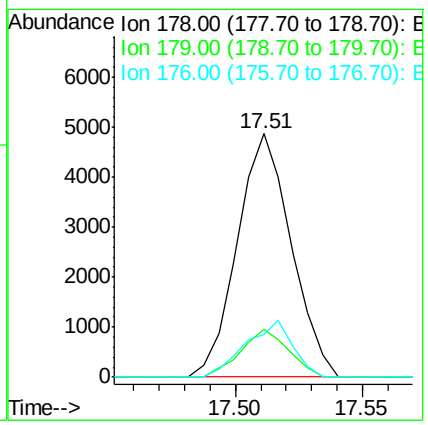


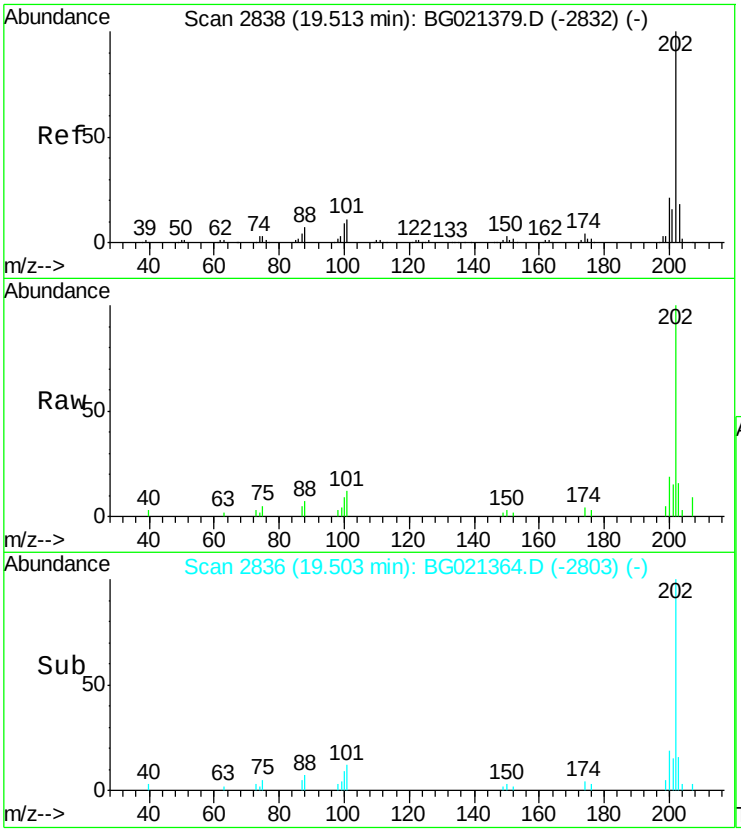


#70
Phenanthrene
Concen: 1.76 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021364.D
Acq: 8 Mar 2016 13:14

Tgt Ion:178 Resp: 7208

Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.3	18.5#
176	17.6	15.1	22.7



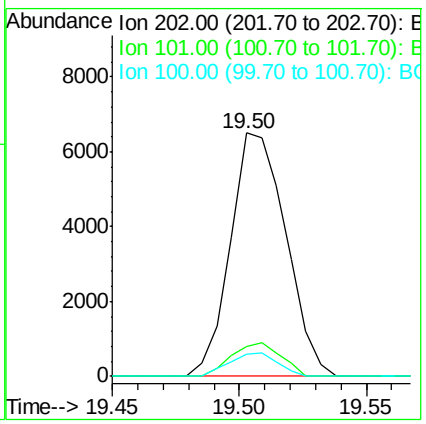


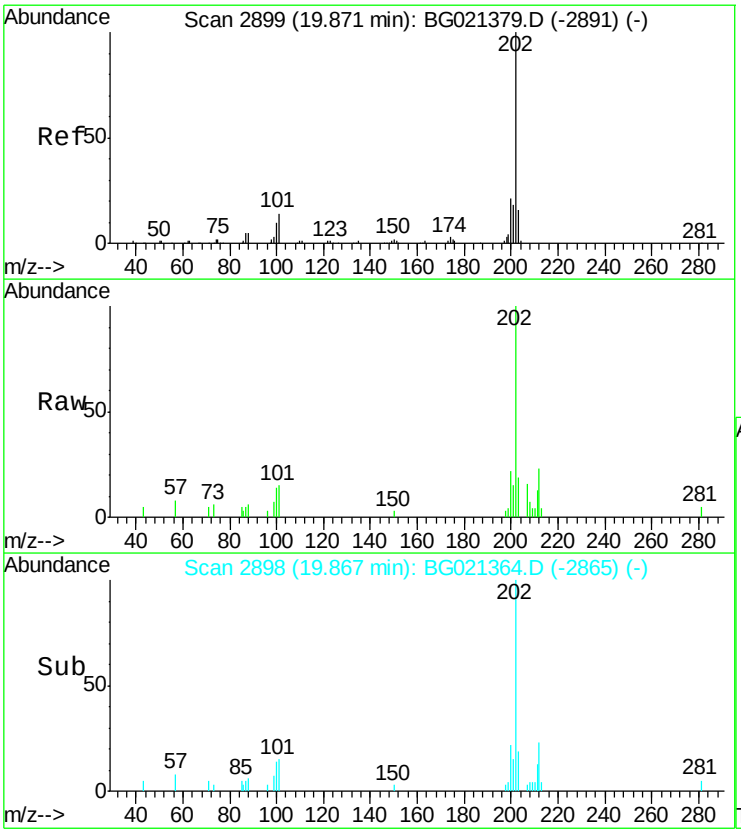
#77
Fluoranthene
Concen: 2.05 ng/ul
RT: 19.50 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BG021364.D
Acq: 8 Mar 2016 13:14

Instrument :
BNA_G
ClientSampleId :
MS-SS-G70

Tgt Ion:202 Resp: 9882

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.9	14.9
100	9.4	7.4	11.0





#80
Pyrene
Concen: 1.45 ng/ul
RT: 19.87 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG021364.D
Acq: 8 Mar 2016 13:14

Tgt Ion:202 Resp: 7016

Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.0	16.4
100	14.1	8.1	12.1#