Quantitation Report (LSC Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-01

Quant Time: Mar 10 13:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	13925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	65446	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	35689	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	77462	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	92164	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	83258	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	852	2.87	ng/uL	0.00
5) Phenol-d5	7.27	99	26037	16.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	18549	18.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	19379	18.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	17681	13.88	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	10635	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	11520	19.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	16114	15.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	10521	7.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	59363	19.22	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	74918	19.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	3979	6.81	ng/ul	0.00
58) Fluorene-d10	15.72	176	51385	18.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	2578	4.97	ng/ul	0.00
71) Anthracene-d10	17.57	188	73148	18.92	ng/ul	0.00
79) Pyrene-d10	19.84	212	78411	16.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.86	264	58554	13.15	ng/ul	0.09
Target Compounds						Qvalue
28) Naphthalene	10.98	128	228685	62.31	ng/ul	99
45) Dimethylphthalate	14.18	163	27972	8.48	ng/ul#	97
70) Phenanthrene	17.51	178	8813	1.91	ng/ul#	87
80) Pyrene	19.87	202	13813	2.24	ng/ul	98

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

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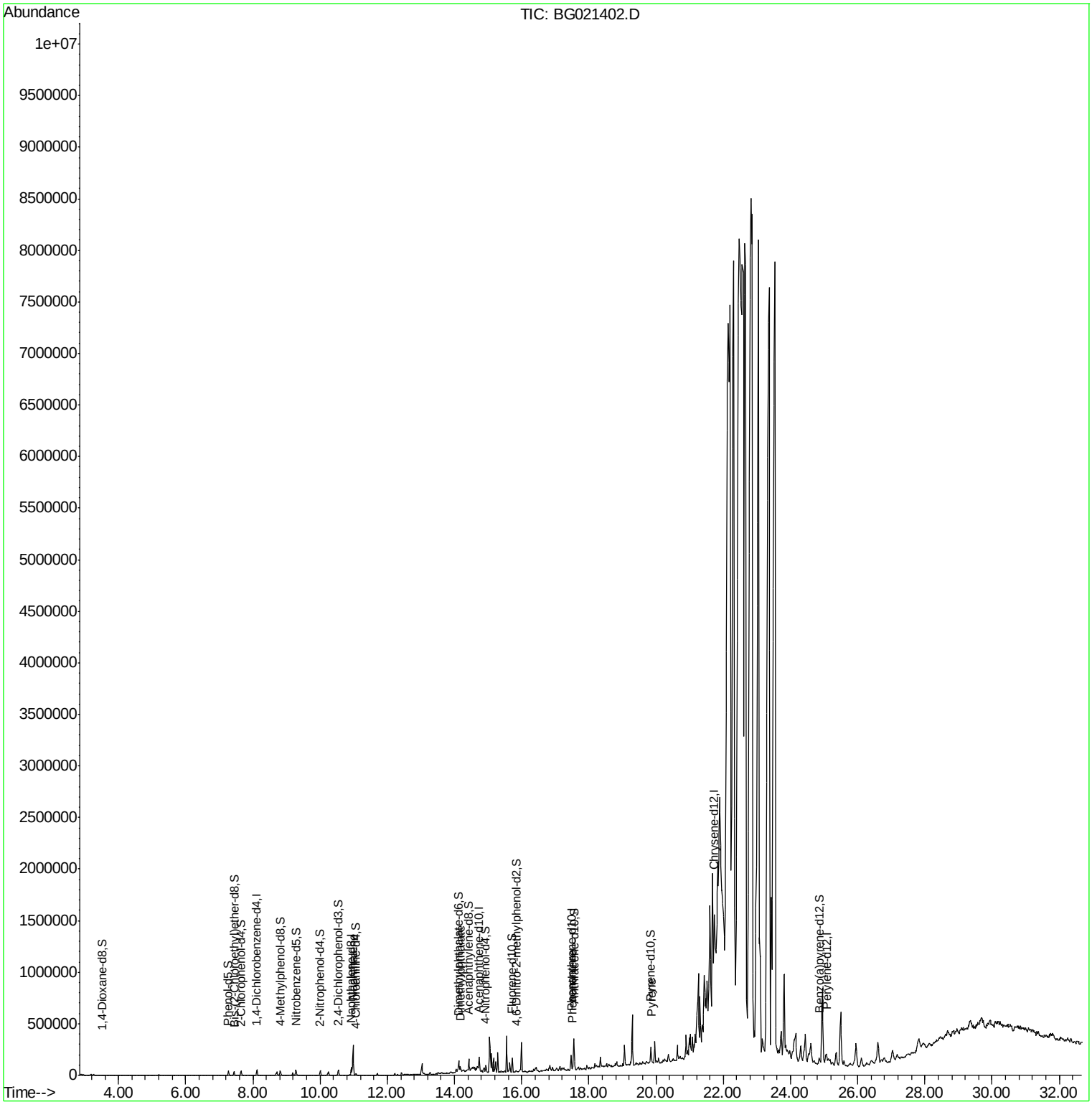
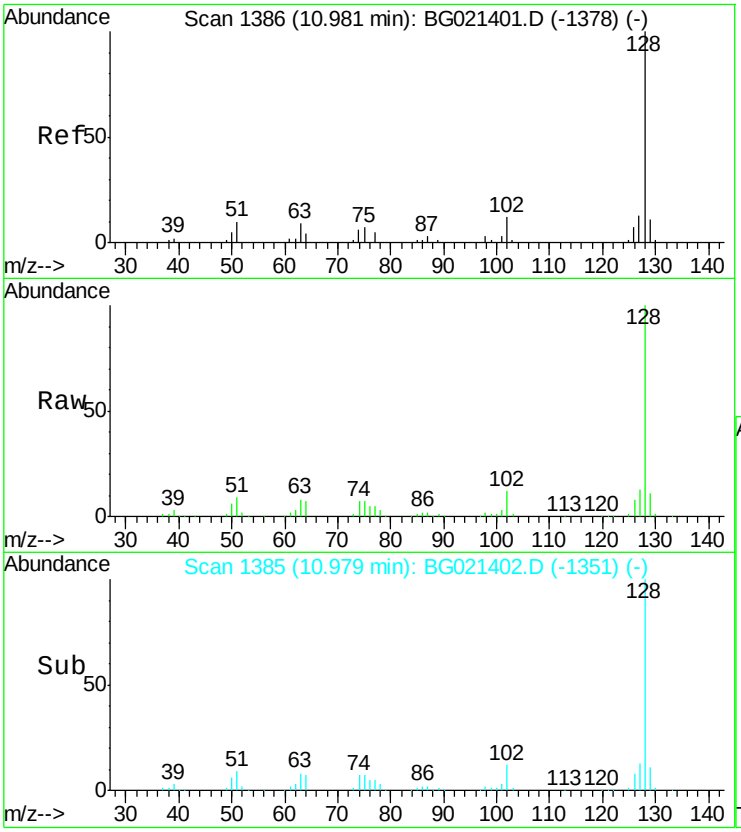


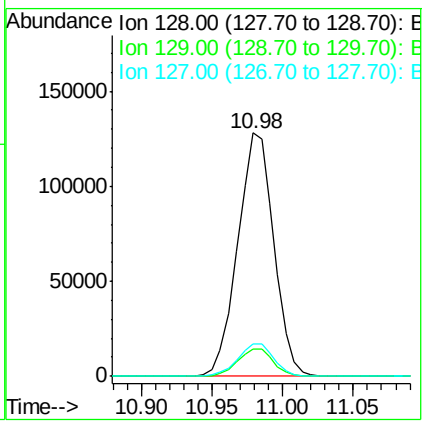


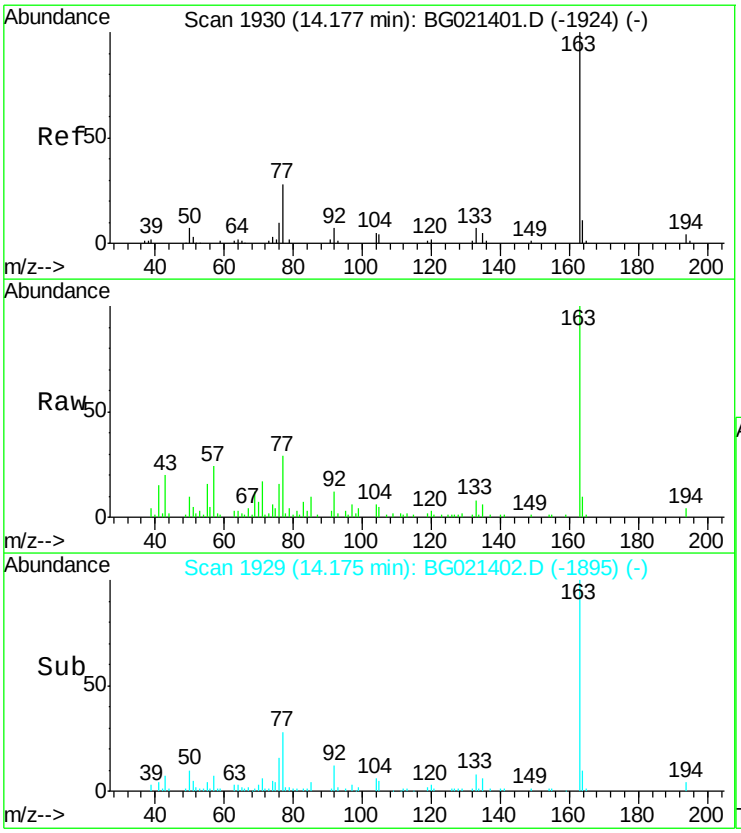
#28
Naphthalene
Concen: 62.31 ng/ul
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG021402.D
Acq: 10 Mar 2016 10:59

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

Tgt Ion:128 Resp: 228685

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	13.2	10.8	16.2

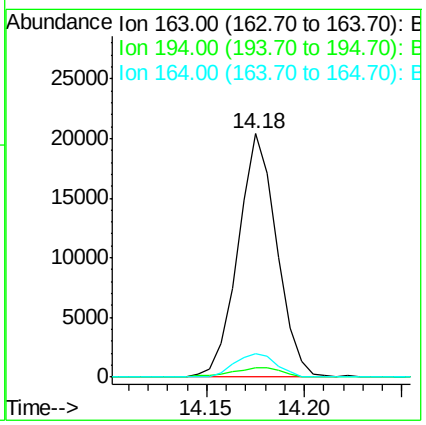


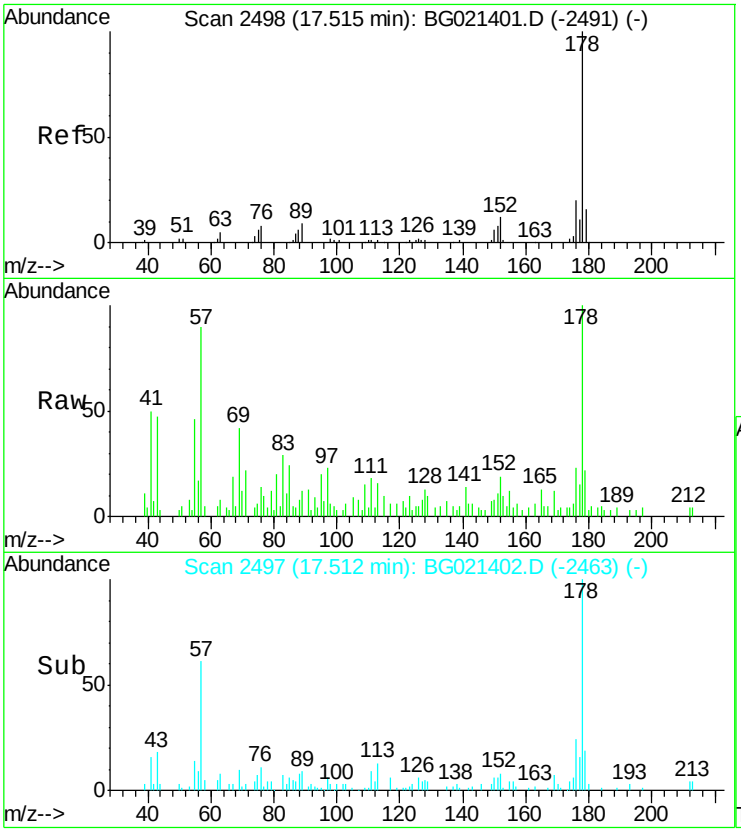


#45
Dimethylphthalate
Concen: 8.48 ng/ul
RT: 14.18 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG021402.D
Acq: 10 Mar 2016 10:59

Tgt Ion:163 Resp: 27972

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.9	5.9#
164	9.8	8.7	13.1



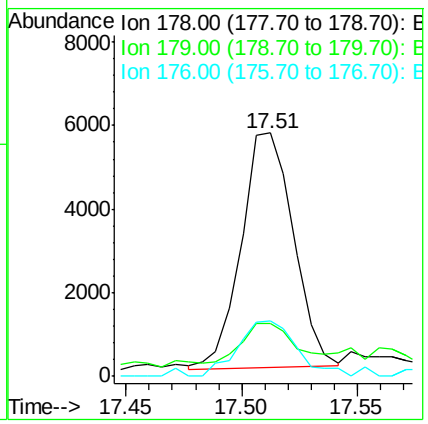


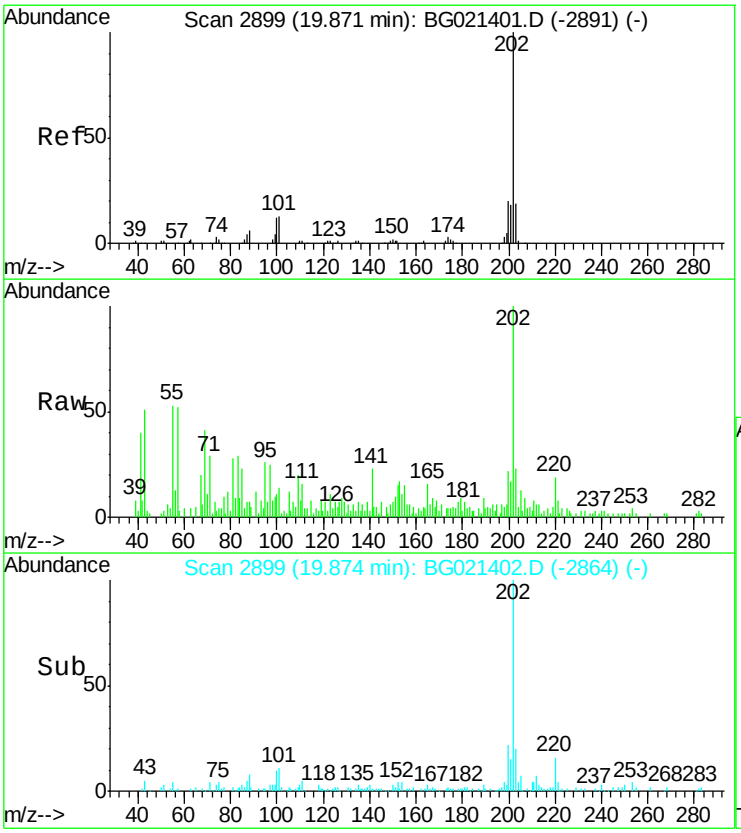
#70
Phenanthrene
Concen: 1.91 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021402.D
Acq: 10 Mar 2016 10:59

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

Tgt Ion:178 Resp: 8813

Ion	Ratio	Lower	Upper
178	100		
179	21.9	11.8	17.8#
176	22.6	14.8	22.2#





#80
Pyrene
Concen: 2.24 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021402.D
Acq: 10 Mar 2016 10:59

Tgt Ion:202 Resp: 13813

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.8
100	11.3	9.3	13.9