

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
 Data File : BG018681.D
 Acq On : 15 Sep 2015 13:59
 Operator : UM/IZ
 Sample : G3641-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AL9

Manual Integrations
 APPROVED

MMDadoda
 9/16/2015 1:25:43 PM

Quant Time: Sep 15 14:37:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 15 13:56:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	76442	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	336531	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	224905	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	571962	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	591888	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	593705	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2168	1.36	ng/uL	0.00
5) Phenol-d5	7.17	99	45171	7.20	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.32	67	108760	29.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	122027	25.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	88474	17.37	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	77565	30.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	83961	32.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	165184	30.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	4580	0.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	541209	29.90	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	676951	31.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	18561	5.34	ng/ul	0.00
58) Fluorene-d10	15.62	176	513153	32.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	74633m	27.57	ng/ul	0.00
71) Anthracene-d10	17.47	188	810945	32.21	ng/ul	0.00
79) Pyrene-d10	19.76	212	855825	31.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	919759	31.83	ng/ul	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	42031	24.44	ng/uL#	70
8) Bis(2-Chloroethyl)ether	7.43	93	1973842	407.02	ng/ul#	95

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

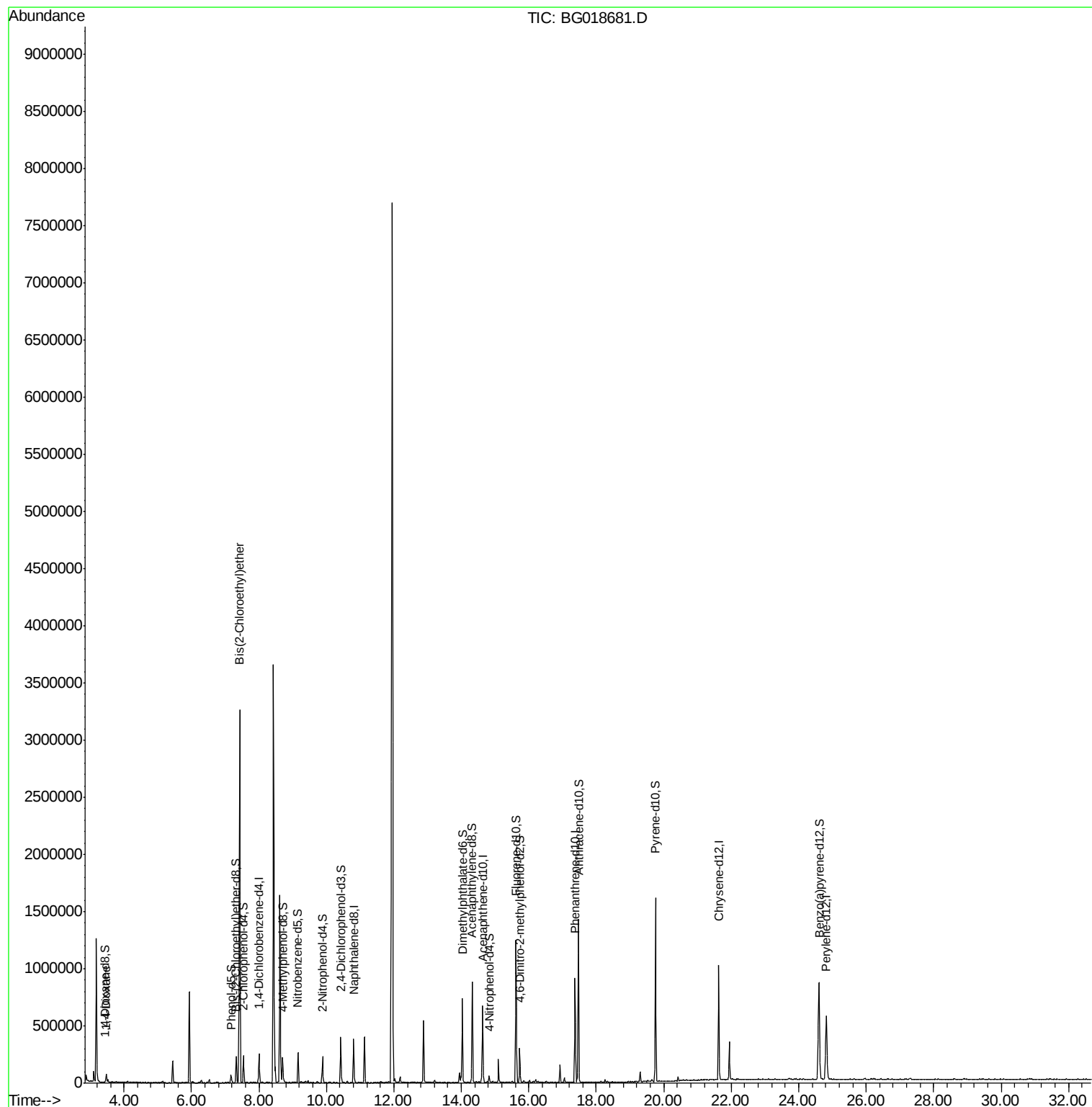
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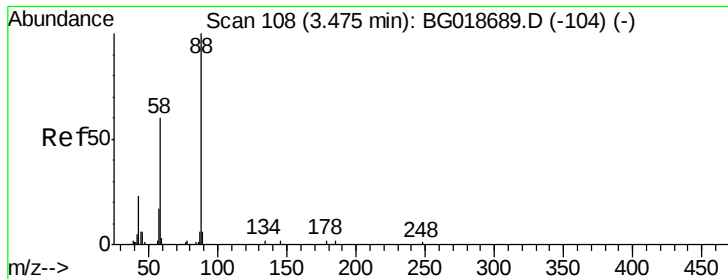
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#2

1,4-Dioxane

Concen: 24.44 ng/uL

RT: 3.47 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG018681.D

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Instrument :

BNA_G

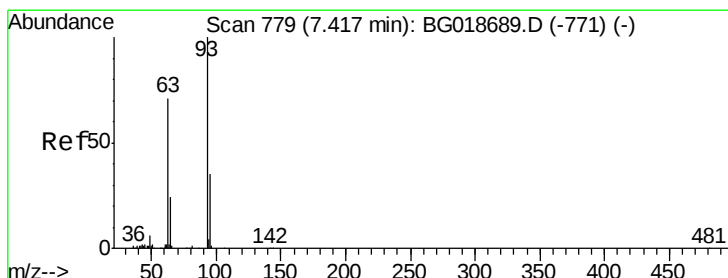
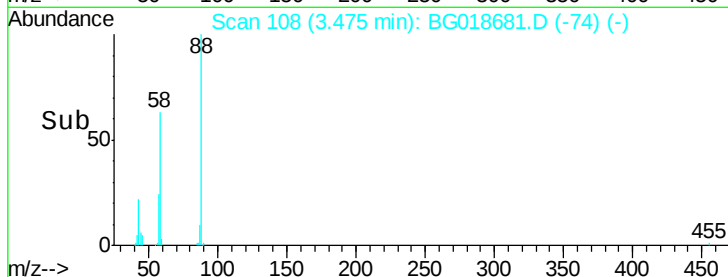
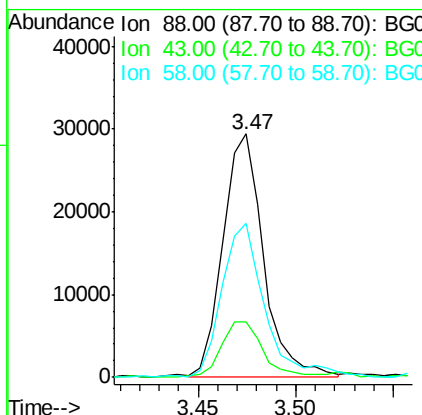
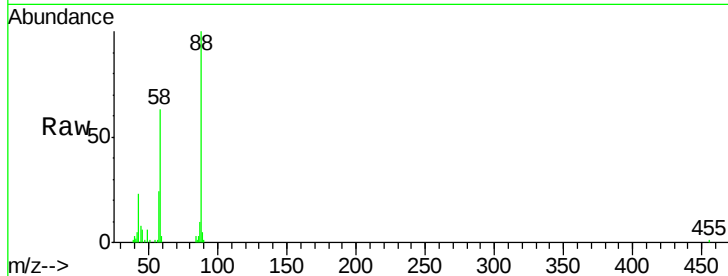
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Tgt Ion	Ratio	Lower	Upper
88	100		
43	23.0	33.0	49.4#
58	63.2	73.4	110.0#



#8

Bis(2-Chloroethyl)ether

Concen: 407.02 ng/uL

RT: 7.43 min Scan# 781

Delta R.T. 0.01 min

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Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.8	61.4	92.2
95	39.4	25.9	38.9#

