

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018188.D
 Acq On : 31 Jul 2015 19:50
 Operator : TP/UM
 Sample : G3107-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 00:53:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	29218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	137934	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	98680	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	254242	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	298599	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	262423	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	689	1.78	ng/uL	0.00
5) Phenol-d5	6.67	99	18841	7.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	44238	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	49569	24.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	33177	15.51	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	35424	32.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	39965	32.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	63972	29.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	3171	1.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	264447	34.68	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	301562	34.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	9262	6.56	ng/ul	0.00
58) Fluorene-d10	15.15	176	238235	34.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	54305	30.59	ng/ul	0.00
71) Anthracene-d10	17.01	188	388105	35.11	ng/ul	0.00
79) Pyrene-d10	19.32	212	457400	31.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	472776	35.63	ng/ul	0.00

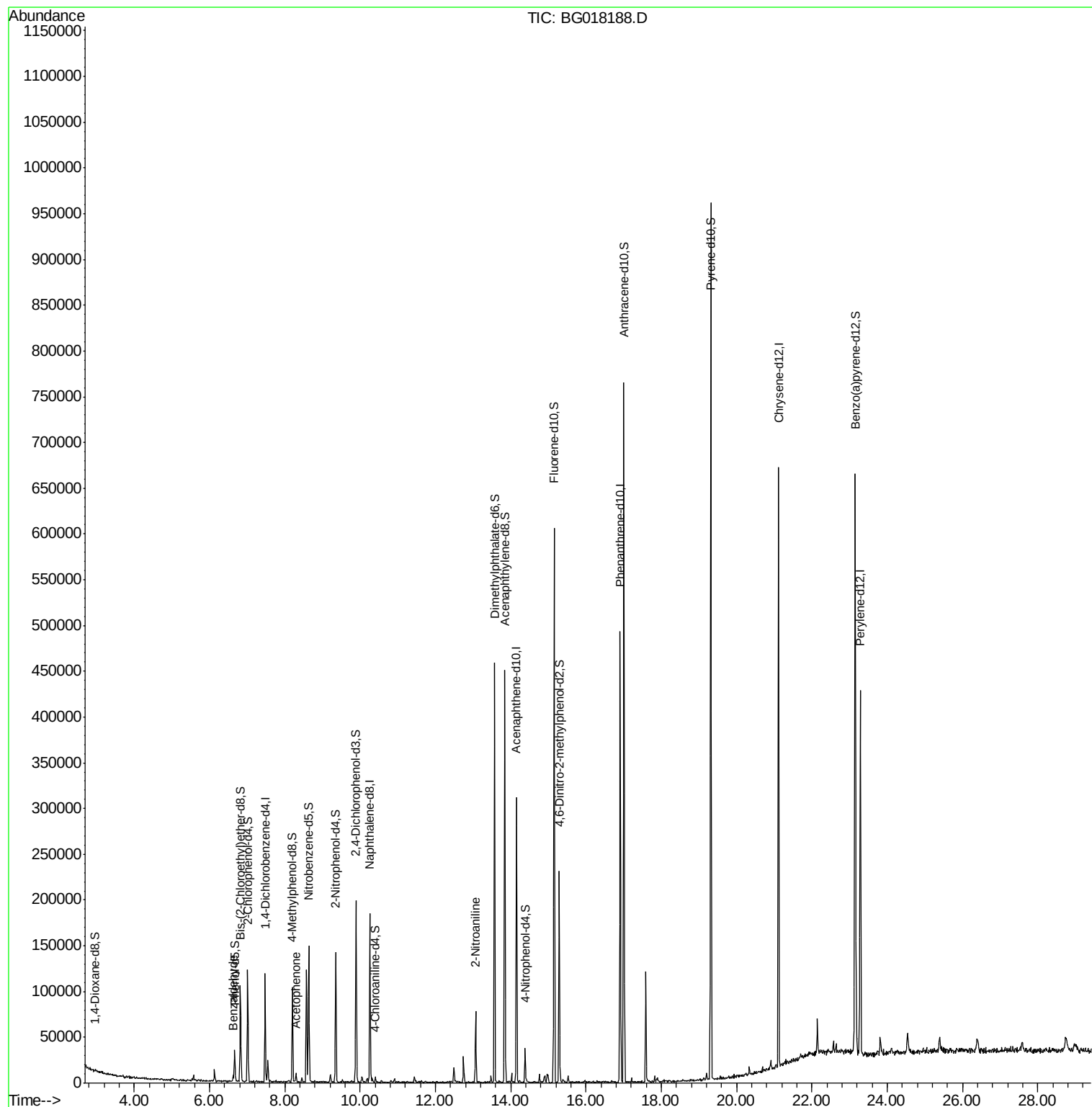
Target Compounds					Ovalue	
4) Benzaldehyde	6.63	77	2627	1.85	ng/ul#	56
14) Acetophenone	8.30	105	4495	1.35	ng/ul#	79
43) 2-Nitroaniline	13.07	65	2626	1.43	ng/ul#	1

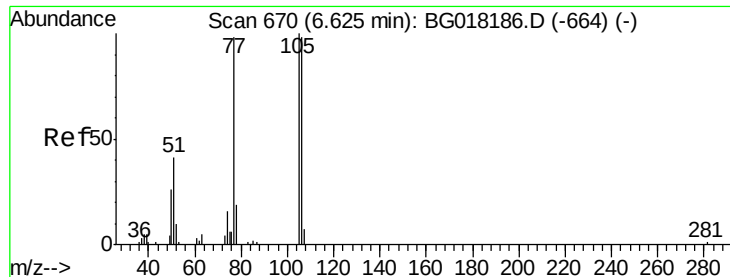
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.85 ng/ul

RT: 6.63 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG018188.D

Acq: 31 Jul 2015 19:50

Instrument :

BNA_G

ClientSampled :

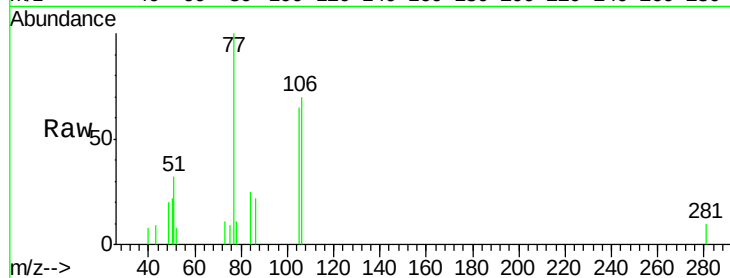
Tot Ion: 77 Resp: 2627

Ion Ratio Lower Upper

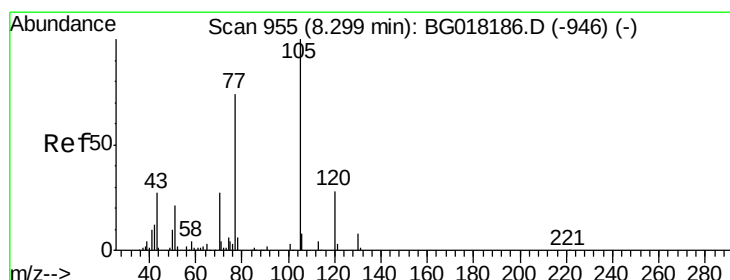
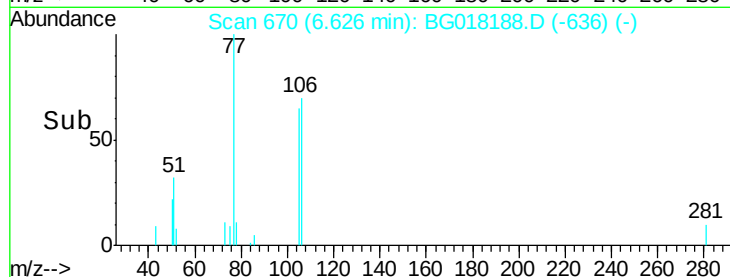
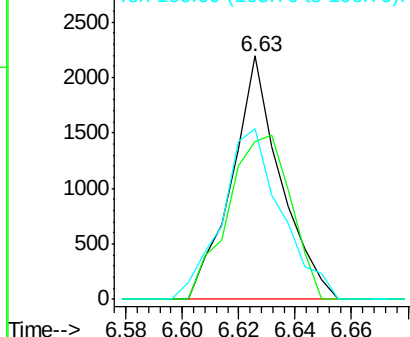
77 100

105 64.8 89.8 134.6#

106 70.3 94.2 141.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#14

Acetophenone

Concen: 1.35 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG018188.D

Acq: 31 Jul 2015 19:50

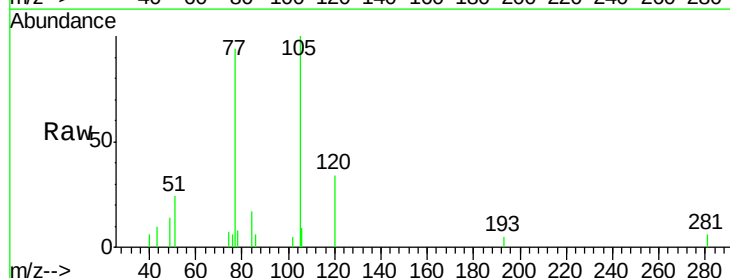
Tgt Ion: 105 Resp: 4495

Ion Ratio Lower Upper

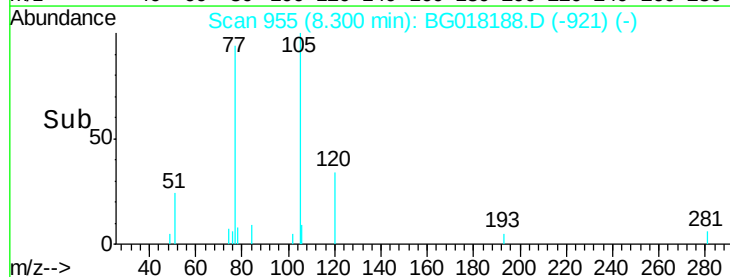
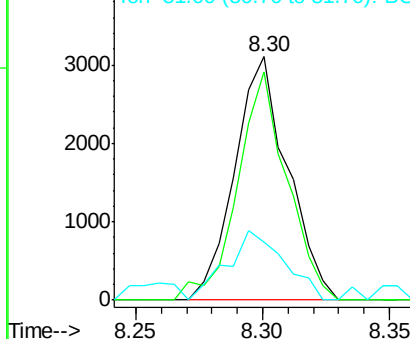
105 100

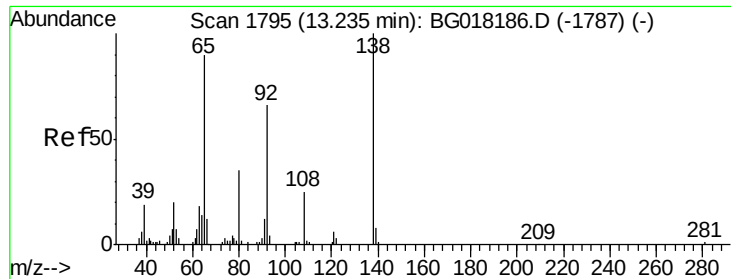
77 93.7 58.4 87.6#

51 23.8 16.5 24.7



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#43

2-Nitroaniline

Concen: 1.43 ng/ul

RT: 13.07 min Scan# 1767

Delta R.T. -0.16 min

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Acq: 31 Jul 2015 19:50

Instrument :

BNA_G

ClientSampleId :

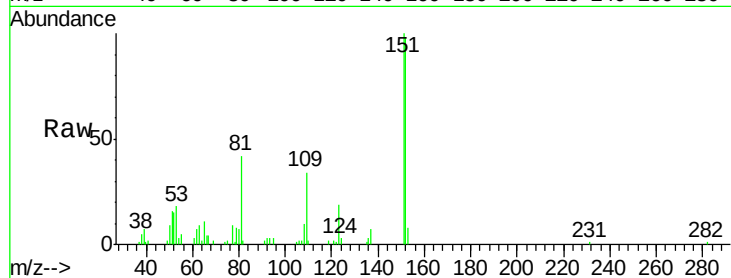
Tot Ion: 65 Resp: 2626

Ion Ratio Lower Upper

65 100

92 24.9 67.1 100.7#

138 0.0 134.6 201.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

