

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
 Data File : BG018117.D  
 Acq On : 27 Jul 2015 17:15  
 Operator : TP/UM  
 Sample : G2938-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0204

Quant Time: Jul 28 01:59:53 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 28 01:54:27 2015  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	38826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	179856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	117875	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	267648	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	280902	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	284142	20.00	ng/ul	0.00

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1070	1.72	ng/uL	0.00
5) Phenol-d5	6.69	99	21944	7.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	48731	32.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	73216	27.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	44358	16.70	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	49331	34.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	51669	34.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	83150	31.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	467	0.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	302893	36.60	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	383290	37.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	9220	5.30	ng/ul	0.00
58) Fluorene-d10	15.18	176	285609	37.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	47998	28.05	ng/ul	0.00
71) Anthracene-d10	17.03	188	433854	37.43	ng/ul	0.00
79) Pyrene-d10	19.34	212	481872	37.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	472603	34.85	ng/ul	0.00

## Target Compounds

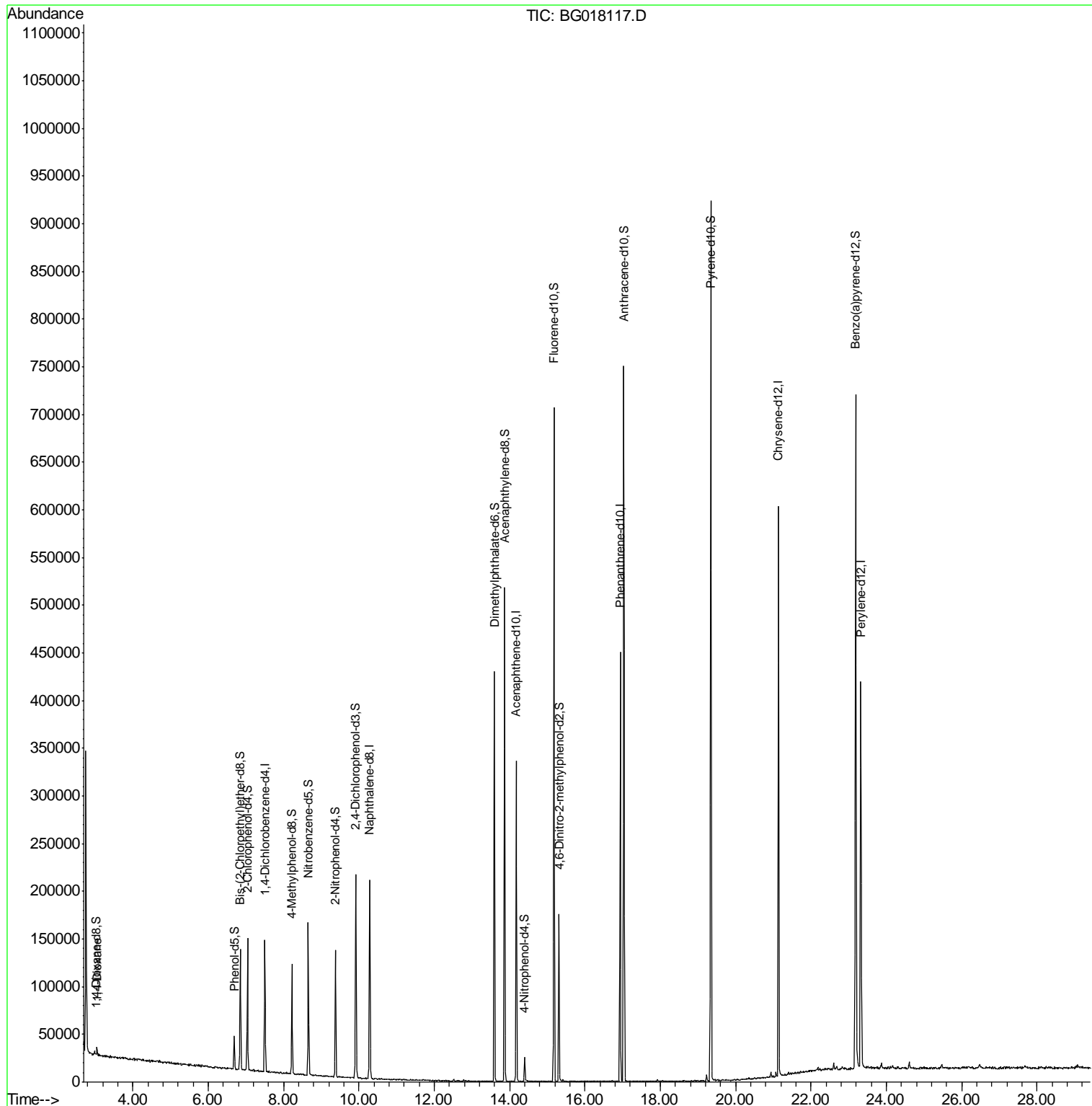
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.05	88	4560	6.84	ng/uL	95

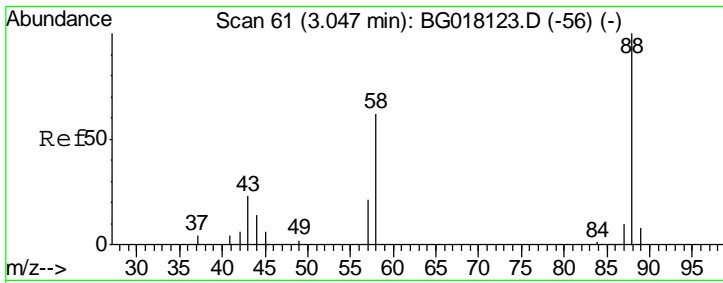
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2  
 1,4-Dioxane  
 Concen: 6.84 ng/uL  
 RT: 3.05 min Scan# 61  
 Delta R.T. 0.01 min  
 Lab File: BG018117.D  
 Acq: 27 Jul 2015 17:15

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 C0204

Tgt Ion: 88 Resp: 4560

Ion	Ratio	Lower	Upper
88	100		
43	26.3	22.6	33.8
58	55.9	48.6	73.0

