

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080717\  
 Data File : BG028161.D  
 Acq On : 7 Aug 2017 18:23  
 Operator : SJ/JU  
 Sample : I4578-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02S7

Quant Time: Aug 08 02:21:21 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 08 02:19:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 39333    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.18 | 136  | 165020   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 120181   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.71 | 188  | 324034   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.04 | 240  | 336925   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.55 | 264  | 321365   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.85  | 96  | 3635   | 4.30  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 18212  | 4.22  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.68  | 67  | 45584  | 16.66 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.89  | 132 | 40998  | 15.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 30863  | 8.55  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.53  | 128 | 25100  | 19.45 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.25 | 143 | 29400  | 20.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165 | 47221  | 16.13 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.42 | 131 | 64     | 0.02  | ng/ul | 0.11 |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 237621 | 22.23 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 234328 | 19.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.17 | 143 | 6878   | 4.05  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.95 | 176 | 192699 | 20.09 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 40959  | 19.46 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.81 | 188 | 343602 | 22.11 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.09 | 212 | 398433 | 23.06 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.31 | 264 | 322026 | 21.40 | ng/ul | 0.00 |

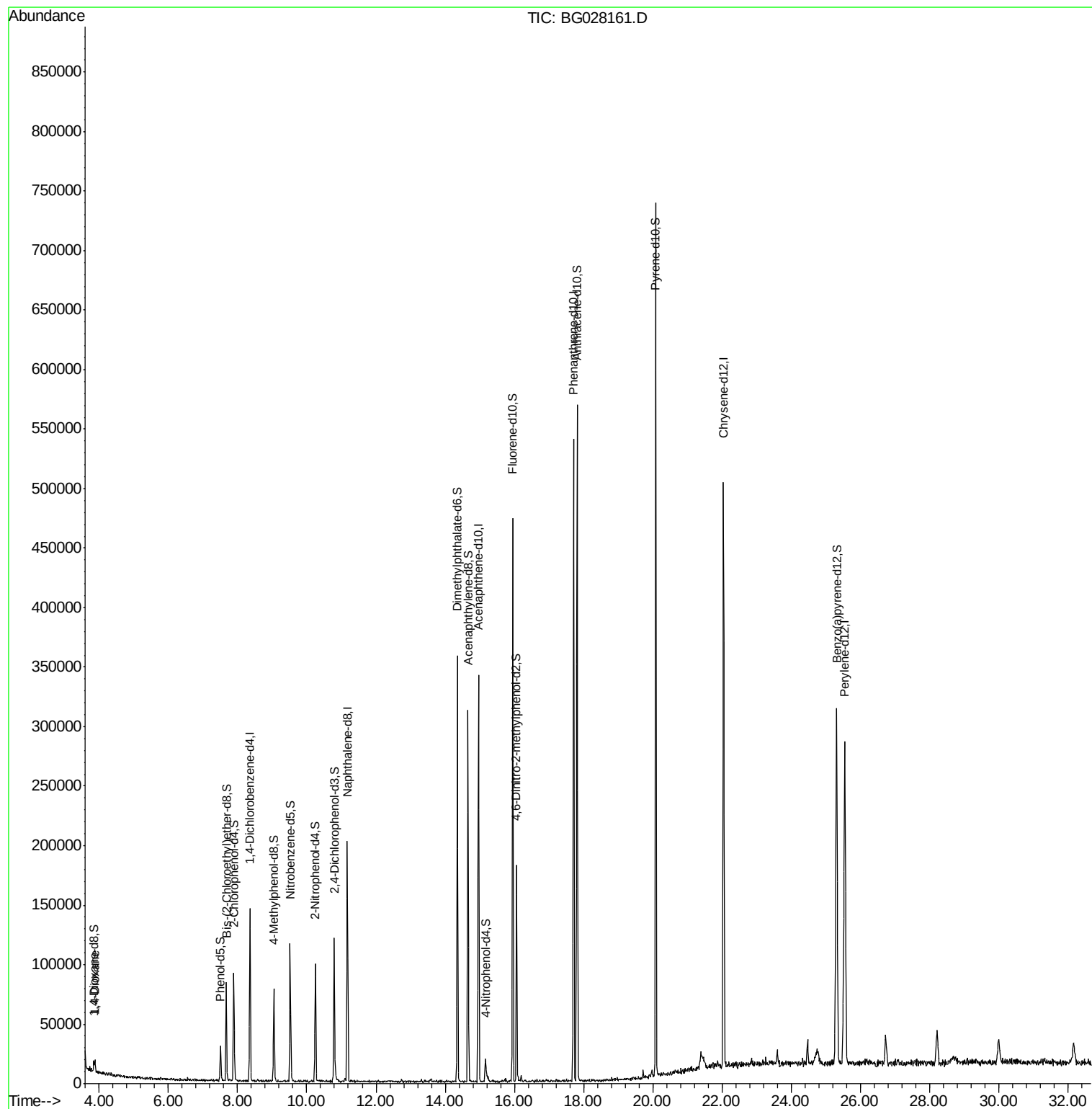
| Target Compounds |      |    |      | Ovalue |           |
|------------------|------|----|------|--------|-----------|
| 2) 1,4-Dioxane   | 3.88 | 88 | 5390 | 6.076  | ng/uL# 74 |

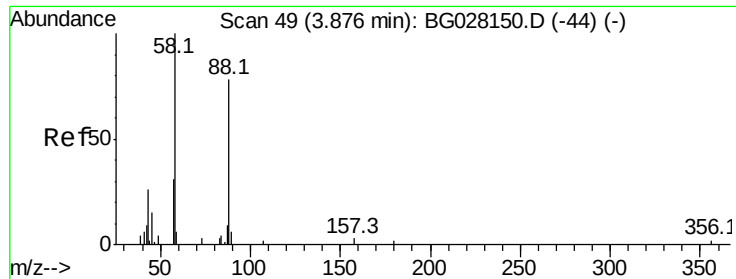
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 6.076 ng/uL

RT: 3.88 min Scan# 49

Delta R.T. -0.00 min

Lab File: BG028161.D

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Instrument :

BNA\_G

ClientSampleId :

C02S7

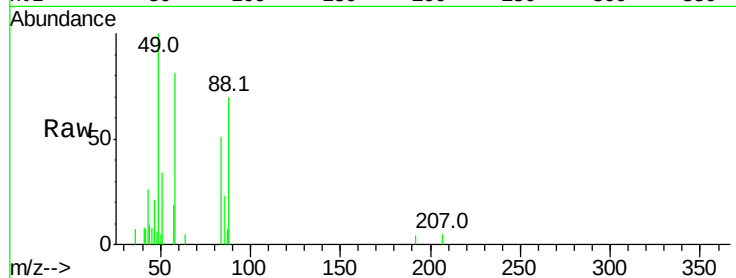
Tot Ion: 88 Resp: 5390

Ion Ratio Lower Upper

88 100

43 36.8 39.2 58.8#

58 115.3 69.4 104.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

