

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\  
 Data File : BG028187.D  
 Acq On : 8 Aug 2017 13:08  
 Operator : SJ/JU  
 Sample : I4600-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 09 01:11:35 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 09 01:09:22 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.35  | 152  | 29890    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.17 | 136  | 131582   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 104451   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.81 | 188  | 552263   | 20.00 | ng/ul | 0.10     |
| 75) Chrysene-d12          | 22.04 | 240  | 320119   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.54 | 264  | 308601   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.83  | 96  | 3515   | 5.48  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.50  | 99  | 26480  | 8.07  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 69217  | 33.29 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.89  | 132 | 60963  | 29.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 46734  | 17.03 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.52  | 128 | 37026  | 35.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.25 | 143 | 44057  | 39.05 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165 | 75927  | 32.53 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.35 | 131 | 55     | 0.02  | ng/ul | 0.05 |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 358139 | 38.55 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 364841 | 34.83 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.15 | 143 | 12430  | 8.41  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.95 | 176 | 298828 | 35.85 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 63863  | 17.80 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.81 | 188 | 552263 | 20.85 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.09 | 212 | 661027 | 40.27 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.31 | 264 | 552520 | 38.24 | ng/ul | 0.00 |

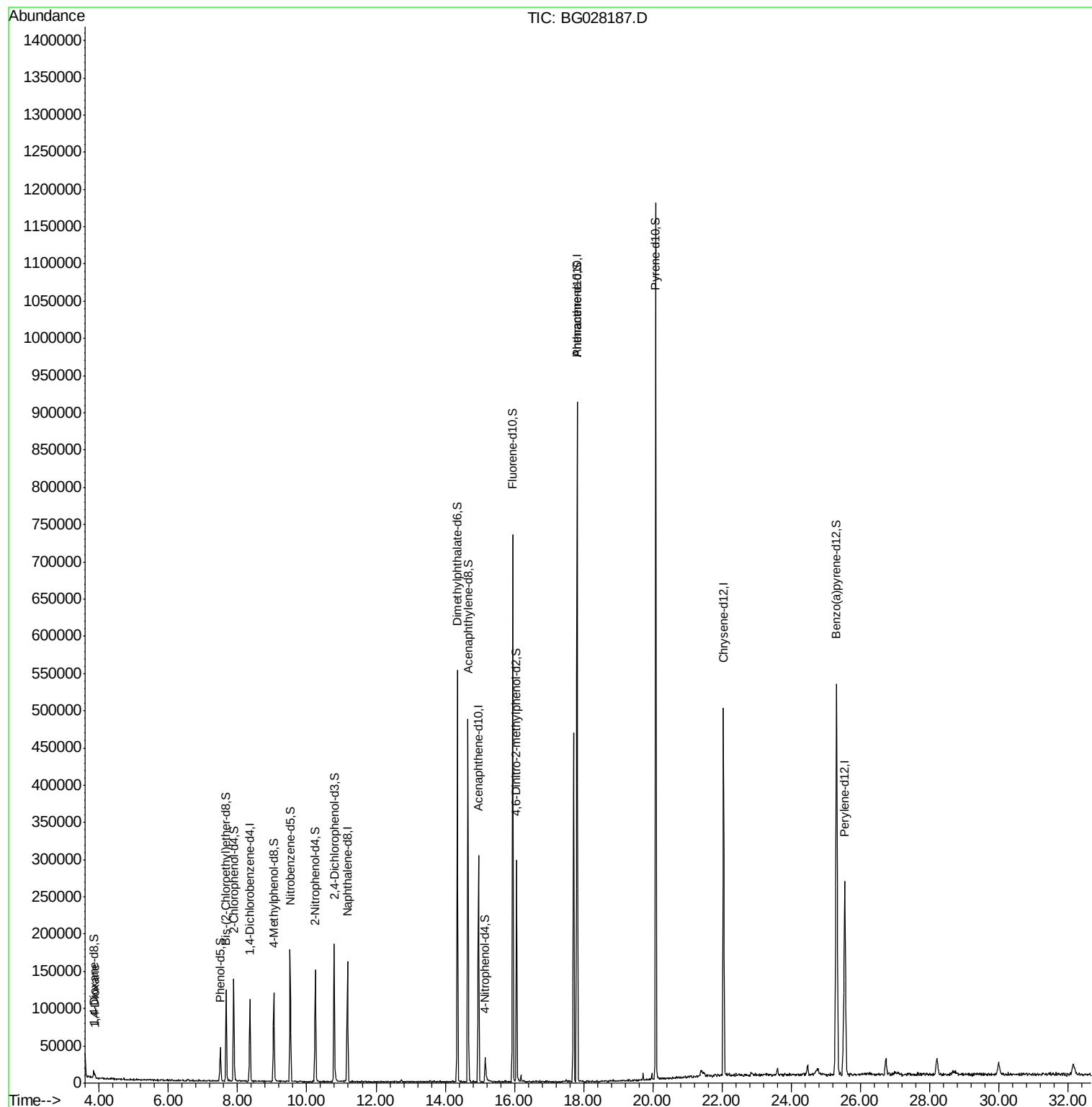
| Target Compounds |      |    |      | Ovalue |           |
|------------------|------|----|------|--------|-----------|
| 2) 1,4-Dioxane   | 3.88 | 88 | 4254 | 6.310  | ng/uL# 84 |

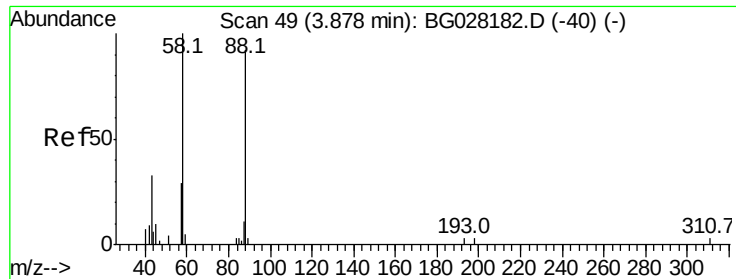
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 6.310 ng/uL

RT: 3.88 min Scan# 49

Delta R.T. -0.00 min

Lab File: BG028187.D

Acq: 8 Aug 2017 13:08

Instrument :

BNA\_G

ClientSampleId :

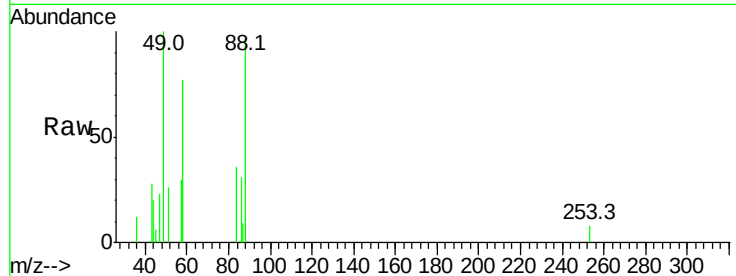
Tot Ion: 88 Resp: 4254

Ion Ratio Lower Upper

88 100

43 29.2 39.2 58.8#

58 79.4 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

