

Data File : BG026897.D  
Acq On : 8 May 2017 21:12  
Operator : SJ/MA  
Sample : I2988-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0AC3

Quant Time: May 09 01:05:15 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 09 01:04:53 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 201221   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 987230   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.61 | 164  | 523290   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.35 | 188  | 950732   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.60 | 240  | 880735   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.76 | 264  | 1010006  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 23289   | 5.21  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.18  | 99  | 109950  | 6.12  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67  | 314303  | 29.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.54  | 132 | 359298  | 23.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 227447  | 15.26 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.16  | 128 | 237458  | 28.77 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.88  | 143 | 262109  | 29.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 389353  | 27.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.97 | 131 | 9823    | 0.51  | ng/ul | 0.03 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 1252302 | 29.73 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.31 | 160 | 1627789 | 30.77 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.87 | 143 | 16100   | 2.12  | ng/ul | 0.03 |
| 57) Fluorene-d10               | 15.60 | 176 | 1046278 | 28.46 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 109144  | 18.91 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.45 | 188 | 1425498 | 30.90 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.73 | 212 | 1390262 | 29.91 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.54 | 264 | 1496232 | 31.33 | ng/ul | 0.00 |

| Target Compounds |      |    |      |             | Qvalue |
|------------------|------|----|------|-------------|--------|
| 2) 1,4-Dioxane   | 3.46 | 88 | 9773 | 1.92 ng/uL# | 87     |

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

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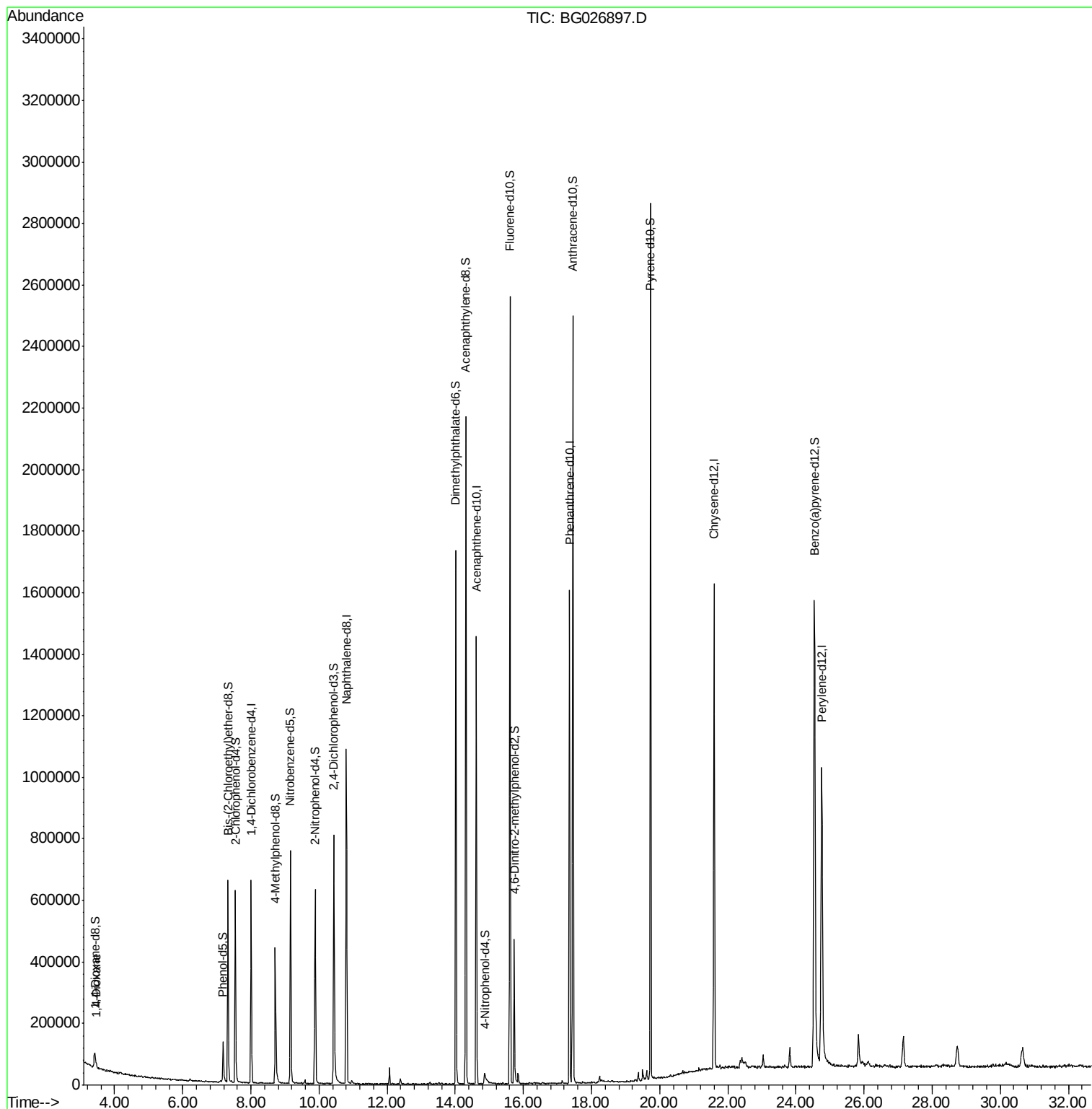
Quant Time: May 09 01:05:15 2017

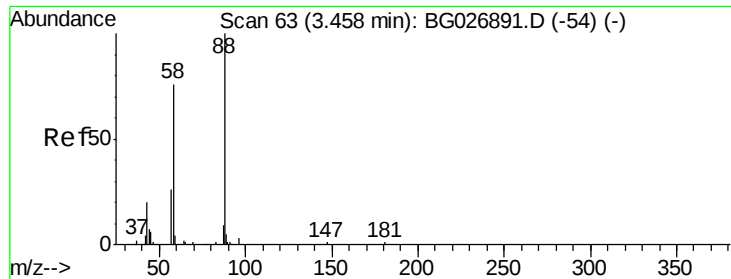
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#2

1,4-Dioxane

Concen: 1.92 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. -0.00 min

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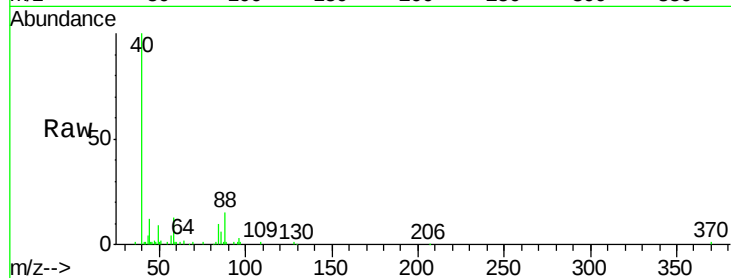
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 9773  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 28.1  | 39.2  | 58.8# |
| 58       | 90.0  | 69.4  | 104.0 |

