

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\  
 Data File : BG028229.D  
 Acq On : 9 Aug 2017 17:10  
 Operator : SJ/JU  
 Sample : I4603-13  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0396

Quant Time: Aug 10 02:09:06 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 10 01:59:02 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.35  | 152  | 32294    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.17 | 136  | 145983   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 115464   | 20.00 | ng/ul | -0.01    |
| 61) Phenanthrene-d10      | 17.71 | 188  | 339006   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.04 | 240  | 371219   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.54 | 264  | 359964   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.84  | 96  | 3069   | 4.43  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.50  | 99  | 10204  | 2.88  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 26396  | 11.75 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.89  | 132 | 24399  | 10.90 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 17668  | 5.96  | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.52  | 128 | 15423  | 13.51 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.25 | 143 | 17199  | 13.74 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165 | 30636  | 11.83 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 11.33 | 131 | 2093   | 0.73  | ng/ul | 0.02  |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 161428 | 15.72 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 160023 | 13.82 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 15.16 | 143 | 4479   | 2.74  | ng/ul | 0.01  |
| 57) Fluorene-d10               | 15.94 | 176 | 137898 | 14.97 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 29103  | 13.22 | ng/ul | -0.01 |
| 70) Anthracene-d10             | 17.81 | 188 | 272277 | 16.75 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 20.08 | 212 | 316186 | 16.61 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 25.29 | 264 | 268803 | 15.95 | ng/ul | -0.01 |

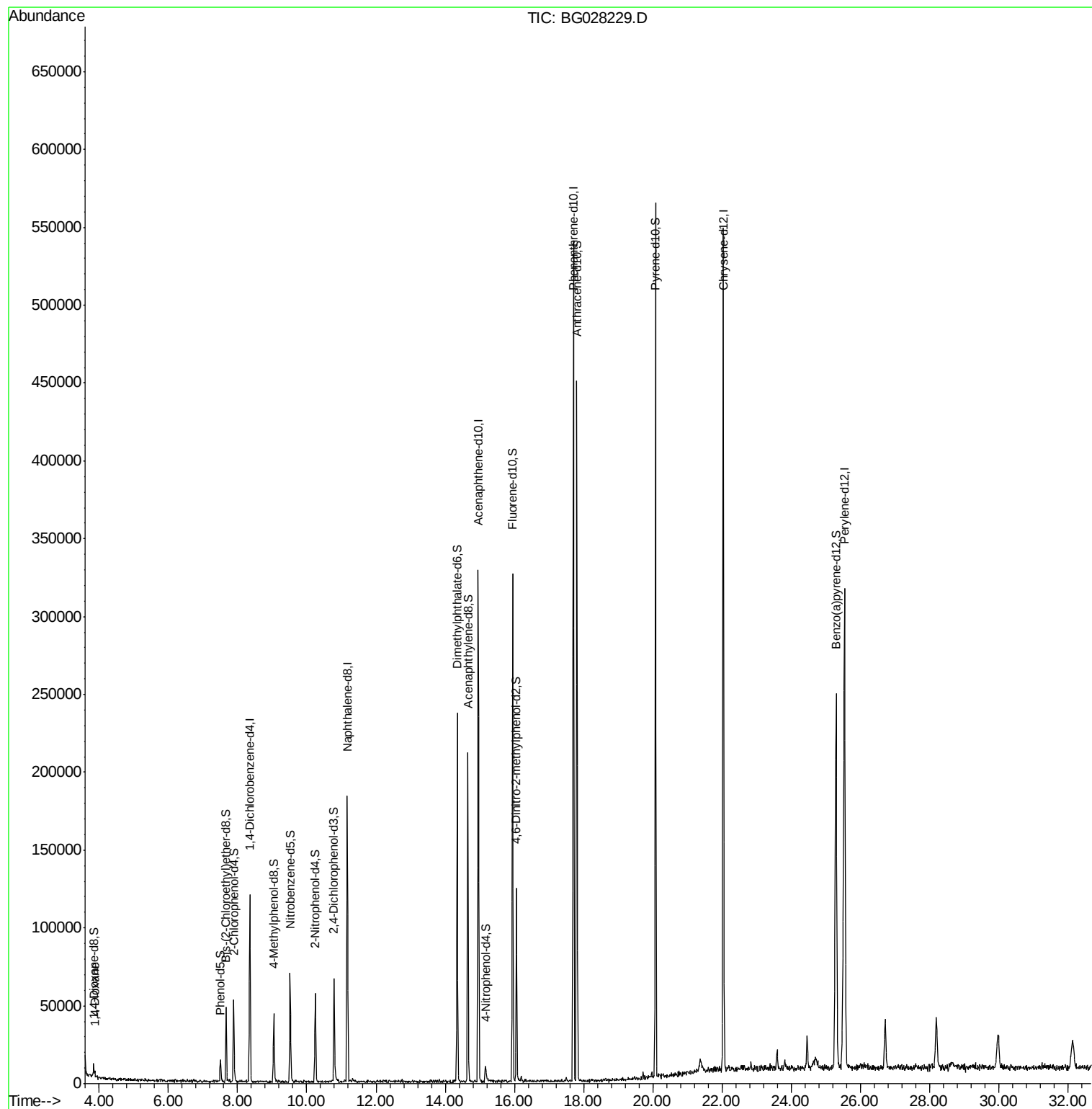
| Target Compounds |      |    |      | Ovalue |          |
|------------------|------|----|------|--------|----------|
| 2) 1,4-Dioxane   | 3.87 | 88 | 1665 | 2.286  | ng/uL 89 |

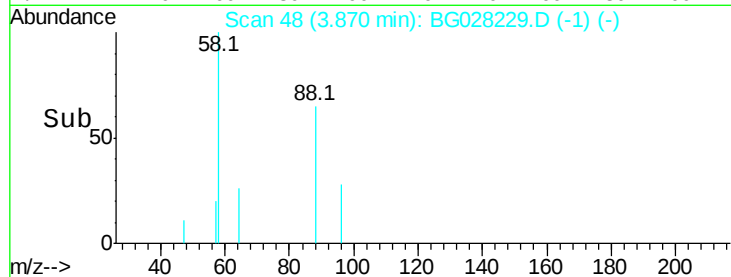
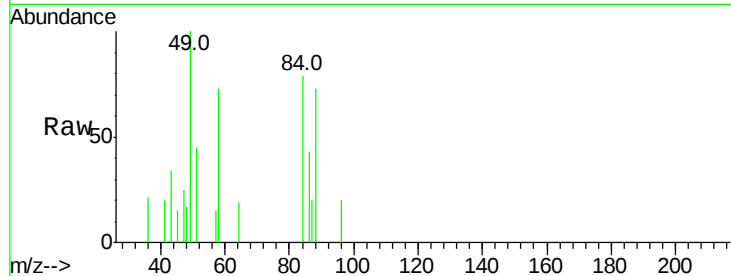
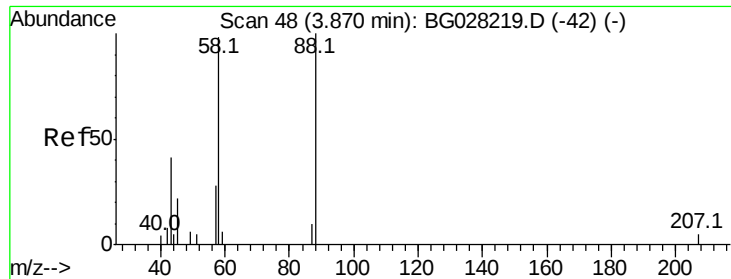
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.286 ng/uL

RT: 3.87 min Scan# 48

Delta R.T. -0.00 min

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Tot Ion: 88 Resp: 1665

Ion Ratio Lower Upper

88 100

43 46.5 39.2 58.8

58 100.7 69.4 104.0

