

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\  
 Data File : BM014313.D  
 Acq On : 20 Feb 2018 03:07  
 Operator : SJ/JU  
 Sample : J1570-19  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C02T9

Manual Integrations  
 APPROVED

Sohil  
 2/20/2018 3:14:12 PM

Quant Time: Feb 20 04:04:28 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 20 03:49:19 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 75817    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.30 | 136  | 330755   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.18 | 164  | 219058   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.94 | 188  | 521896   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.15 | 240  | 540617   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.32 | 264  | 505232   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 9736m   | 5.50  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.73  | 99  | 34041m  | 5.31  | ng/ul | 0.01  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.88  | 67  | 119111  | 30.71 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.07  | 132 | 115564  | 23.52 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 73702   | 13.14 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.69  | 128 | 79353   | 32.47 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.40  | 143 | 78643   | 31.09 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.94  | 165 | 138918m | 26.51 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.30 | 131 | 509     | 0.10  | ng/ul | -0.15 |
| 43) Dimethylphthalate-d6       | 13.61 | 166 | 604577  | 33.42 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.87 | 160 | 748374  | 33.55 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 3145m   | 1.26  | ng/ul | 0.07  |
| 57) Fluorene-d10               | 15.19 | 176 | 535514  | 33.04 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 80893   | 25.84 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.04 | 188 | 864282  | 34.32 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.34 | 212 | 1003402 | 35.99 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.18 | 264 | 827170  | 33.64 | ng/ul | 0.00  |

| Target Compounds |      |    |      | Ovalue       |
|------------------|------|----|------|--------------|
| 2) 1,4-Dioxane   | 3.14 | 88 | 5361 | 2.724 ng/uL# |

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

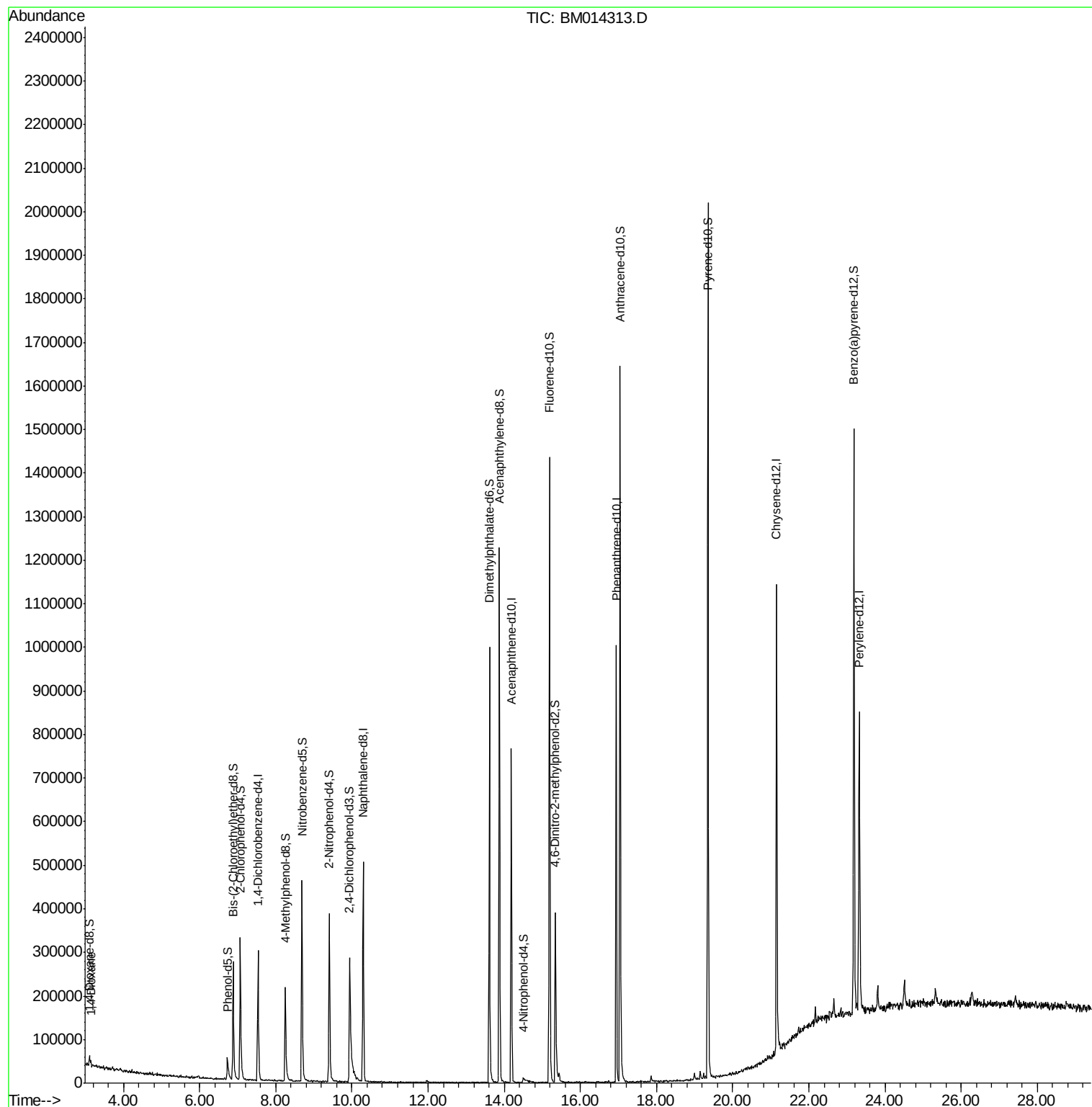
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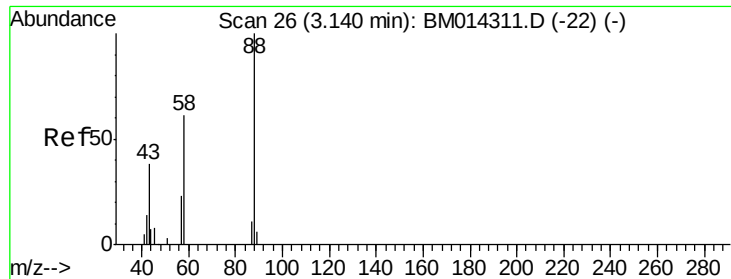
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#2  
 1,4-Dioxane  
 Concen: 2.724 ng/uL  
 RT: 3.14 min Scan# 26  
 Delta R.T. 0.00 min  
 Lab File: BM014313.D  
 Acq: 20 Feb 2018 03:07

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C02T9

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 43      | 37.9  | 48.0  | 72.0#  |
| 58      | 51.8  | 80.0  | 120.0# |

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