

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\  
 Data File : BM014301.D  
 Acq On : 19 Feb 2018 19:52  
 Operator : SJ/JU  
 Sample : J1570-07  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C02S8

Manual Integrations  
 APPROVED

Sohil  
 2/20/2018 3:12:37 PM

Quant Time: Feb 20 02:06:00 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 20 01:37:12 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 63592    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.30 | 136  | 280105   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.19 | 164  | 186048   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.94 | 188  | 451908   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.16 | 240  | 488230   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.32 | 264  | 471104   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 8307    | 5.59  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.73  | 99  | 26439   | 4.92  | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.88  | 67  | 102941  | 31.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.07  | 132 | 99111   | 24.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 55466   | 11.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.69  | 128 | 67763   | 32.74 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.41  | 143 | 69484   | 32.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.95  | 165 | 115184m | 25.96 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0       | 0.00  | ng/ul |      |
| 43) Dimethylphthalate-d6       | 13.61 | 166 | 524243  | 34.12 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.87 | 160 | 619022  | 32.67 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 1831    | 0.86  | ng/ul | 0.08 |
| 57) Fluorene-d10               | 15.19 | 176 | 469412  | 34.10 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 71910   | 26.53 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.04 | 188 | 763824  | 35.03 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.35 | 212 | 882246  | 35.04 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.19 | 264 | 760387  | 33.16 | ng/ul | 0.00 |

| Target Compounds |      |    |       | Ovalue      |
|------------------|------|----|-------|-------------|
| 2) 1,4-Dioxane   | 3.14 | 88 | 5237m | 3.173 ng/uL |

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

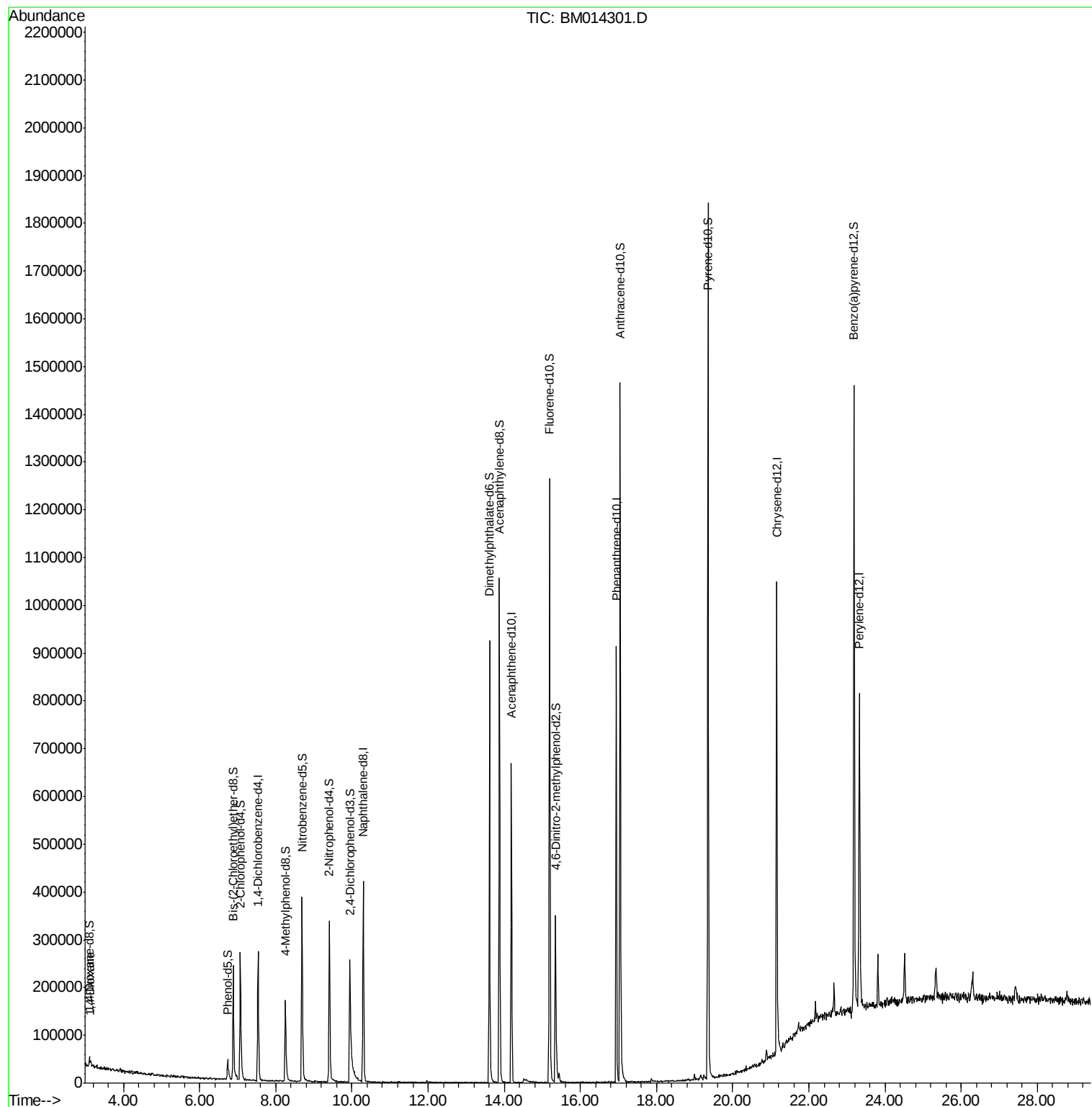
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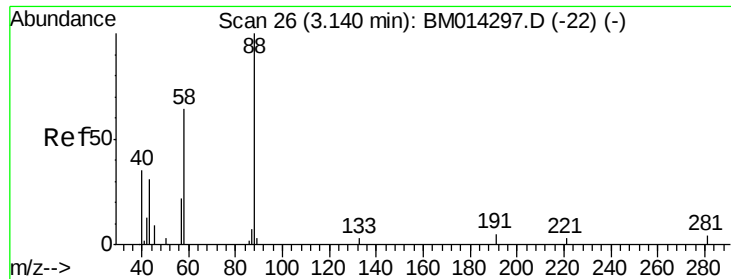
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#2  
 1,4-Dioxane  
 Concen: 3.173 ng/uL m  
 RT: 3.14 min Scan# 26  
 Delta R.T. 0.00 min  
 Lab File: BM014301.D  
 Acq: 19 Feb 2018 19:52

Instrument :  
 BNA\_M  
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| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 43      | 47.5  | 48.0  | 72.0#  |
| 58      | 59.0  | 80.0  | 120.0# |

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