

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_M\DATA\BM021418\  
 Data File : BM014246.D  
 Acq On : 14 Feb 2018 20:51  
 Operator : SJ/JU  
 Sample : J1553-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C02P2

Manual Integrations  
 APPROVED

Sohil  
 2/15/2018 11:09:21 AM

Quant Time: Feb 15 02:03:54 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 15 01:12:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.54  | 152  | 70762    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.30 | 136  | 306954   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.19 | 164  | 204485   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.95 | 188  | 483095   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.16 | 240  | 464611   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.33 | 264  | 420559   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.11  | 96   | 9768     | 5.91  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.73  | 99   | 32285    | 5.40  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.89  | 67   | 109968   | 30.38 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.07  | 132  | 110902   | 24.18 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.26  | 113  | 75409    | 14.41 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.70  | 128  | 75852    | 33.44 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.41  | 143  | 80497    | 34.29 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.95  | 165  | 128124m  | 26.35 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.30 | 131  | 252      | 0.05  | ng/ul | -0.16    |
| 43) Dimethylphthalate-d6       | 13.62 | 166  | 548926   | 32.51 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.88 | 160  | 702818   | 33.75 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.51 | 143  | 7027m    | 3.01  | ng/ul | 0.07     |
| 57) Fluorene-d10               | 15.20 | 176  | 493073   | 32.59 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200  | 71883    | 24.80 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.05 | 188  | 796218m  | 34.16 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.36 | 212  | 900954   | 37.60 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.20 | 264  | 703364m  | 34.36 | ng/ul | 0.00     |

| Target Compounds | R.T. | QIon | Response | Conc  | Units | Qvalue |
|------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane   | 3.15 | 88   | 7891m    | 4.296 | ng/uL |        |

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

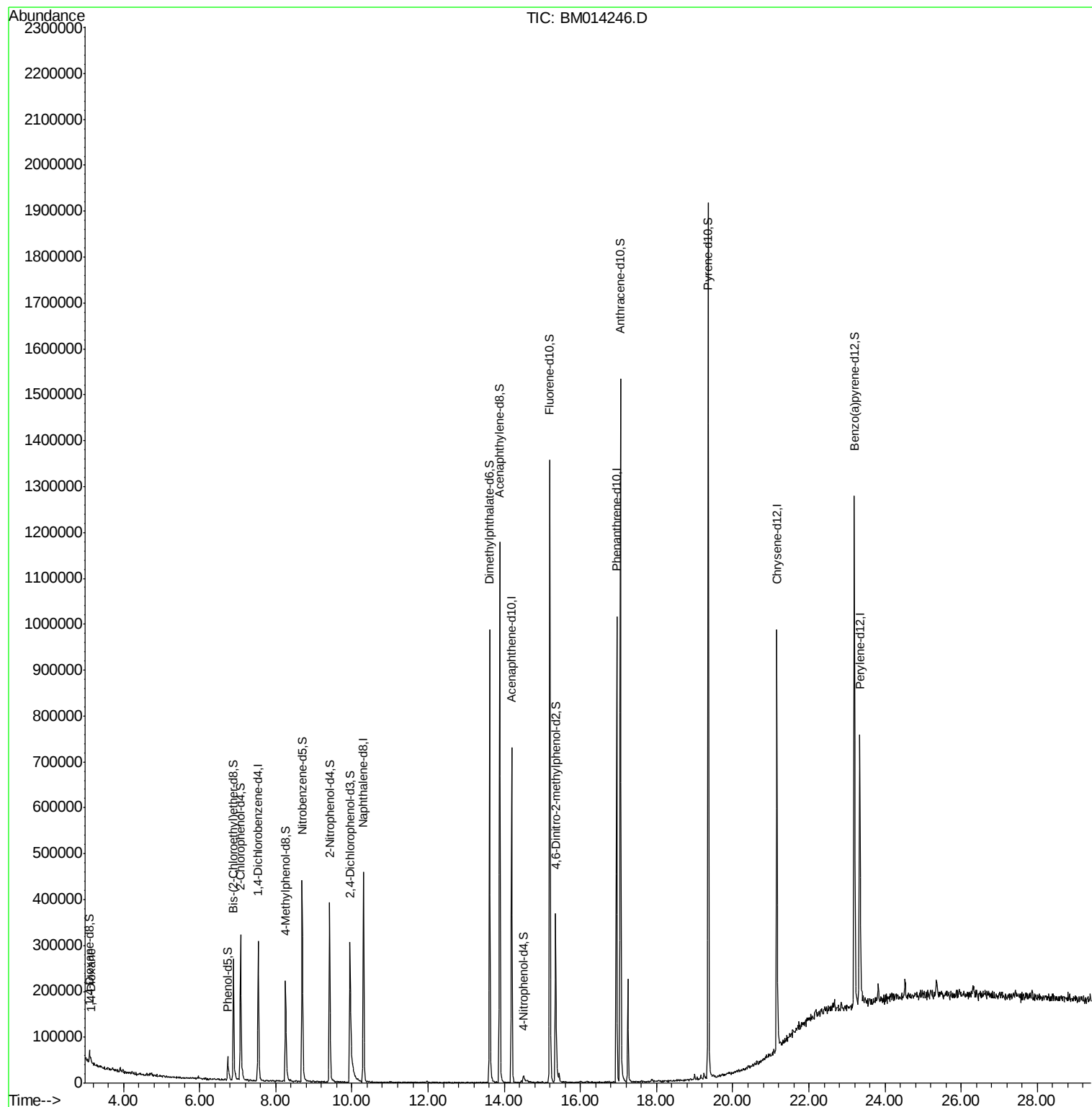
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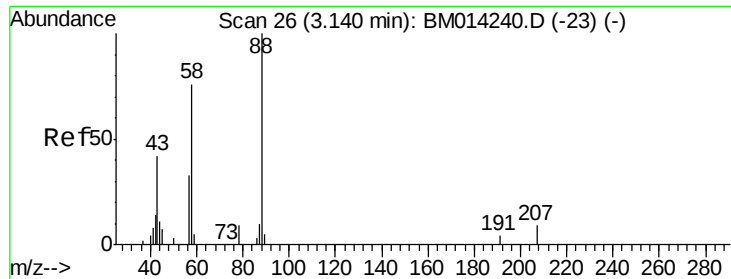
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#2  
 1,4-Dioxane  
 Concen: 4.296 ng/uL m  
 RT: 3.15 min Scan# 27  
 Delta R.T. 0.01 min  
 Lab File: BM014246.D  
 Acq: 14 Feb 2018 20:51

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C02P2

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 43      | 34.8  | 48.0  | 72.0#  |
| 58      | 47.9  | 80.0  | 120.0# |

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