

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN082018\  
 Data File : BN002421.D  
 Acq On : 20 Aug 2018 14:18  
 Operator : JU/SJ  
 Sample : J4491-14  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0360

Manual Integrations  
 APPROVED

Sohil  
 8/21/2018 4:46:52 PM

Quant Time: Aug 21 01:43:38 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 18 04:58:06 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 135692   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 635848   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 396864   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.05 | 188  | 953077   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.25 | 240  | 1107254  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.47 | 264  | 1178170  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96  | 20063   | 6.98  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 111254  | 8.94  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 302618  | 38.72 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 297219  | 31.36 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 209051  | 21.02 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 197853  | 39.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 208117  | 39.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 331914  | 33.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 13342m  | 1.26  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 1329700 | 40.42 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.99 | 160 | 1655850 | 41.03 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 41640m  | 6.70  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.30 | 176 | 1162610 | 40.76 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 197649  | 32.57 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.15 | 188 | 1905251 | 41.84 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.45 | 212 | 2182921 | 41.20 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.33 | 264 | 2440549 | 39.62 | ng/ul | 0.00 |

| Target Compounds |      |    |       |       | Qvalue |    |
|------------------|------|----|-------|-------|--------|----|
| 2) 1,4-Dioxane   | 3.27 | 88 | 15773 | 5.128 | ng/uL  | 92 |

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

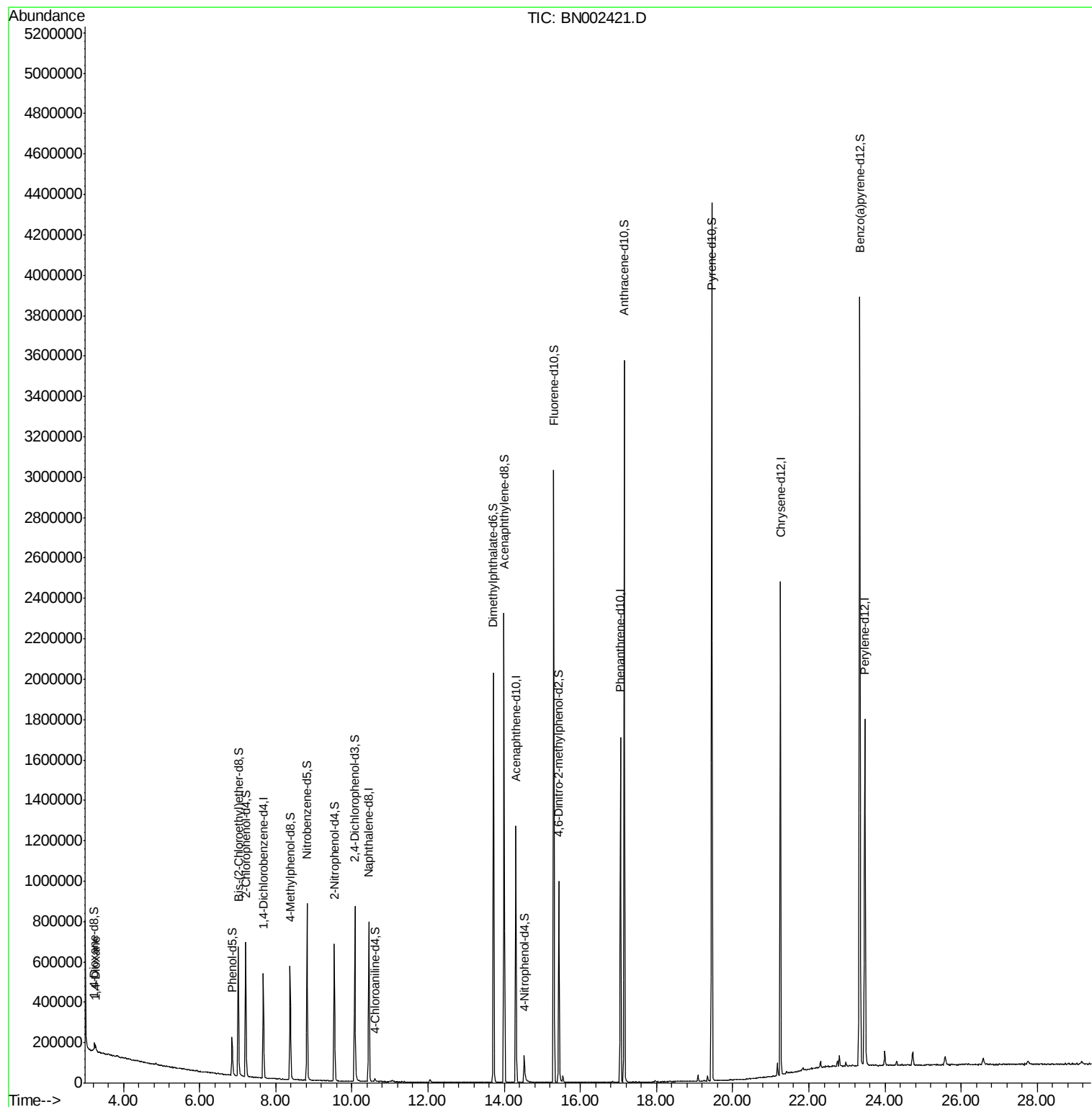
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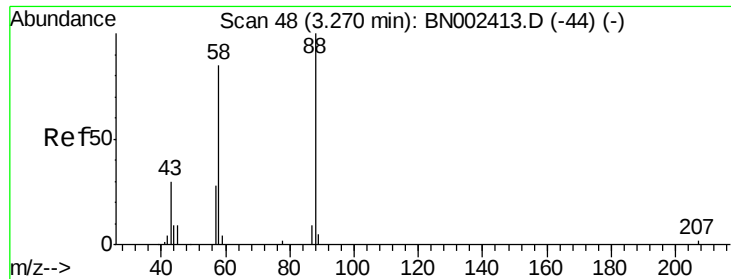
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#2

1,4-Dioxane

Concen: 5.128 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. -0.00 min

Lab File: BN002421.D

Acq: 20 Aug 2018 14:18

Instrument :

BNA\_N

ClientSampleId :

C0360

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 15773 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 36.8  | 32.0  | 48.0  |
| 58       | 81.6  | 72.0  | 108.0 |

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