

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN082018\  
 Data File : BN002444.D  
 Acq On : 21 Aug 2018 03:49  
 Operator : JU/SJ  
 Sample : J4514-13  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleID :  
 C0342

Manual Integrations  
 APPROVED

Sohil  
 8/21/2018 4:47:47 PM

Quant Time: Aug 21 06:56:43 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 21 04:38:31 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 163464   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 773598   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 487854   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.05 | 188  | 1156315  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.25 | 240  | 1300356  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.47 | 264  | 1318924  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 21966   | 6.34  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 119337  | 7.96  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 342619  | 36.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 328367  | 28.76 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 218394  | 18.23 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 229201  | 37.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 238707  | 36.86 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 383743  | 32.25 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 2406m   | 0.19  | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 1540222 | 38.08 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.99 | 160 | 1860967 | 37.51 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 41782m  | 5.47  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.30 | 176 | 1323996 | 37.76 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 220912  | 30.01 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.15 | 188 | 2140431 | 38.75 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.45 | 212 | 2395263 | 38.50 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.33 | 264 | 2704855 | 39.22 | ng/ul | 0.00 |

| Target Compounds |      |    |       |       | Qvalue    |
|------------------|------|----|-------|-------|-----------|
| 2) 1,4-Dioxane   | 3.27 | 88 | 15748 | 4.250 | ng/uL# 89 |

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

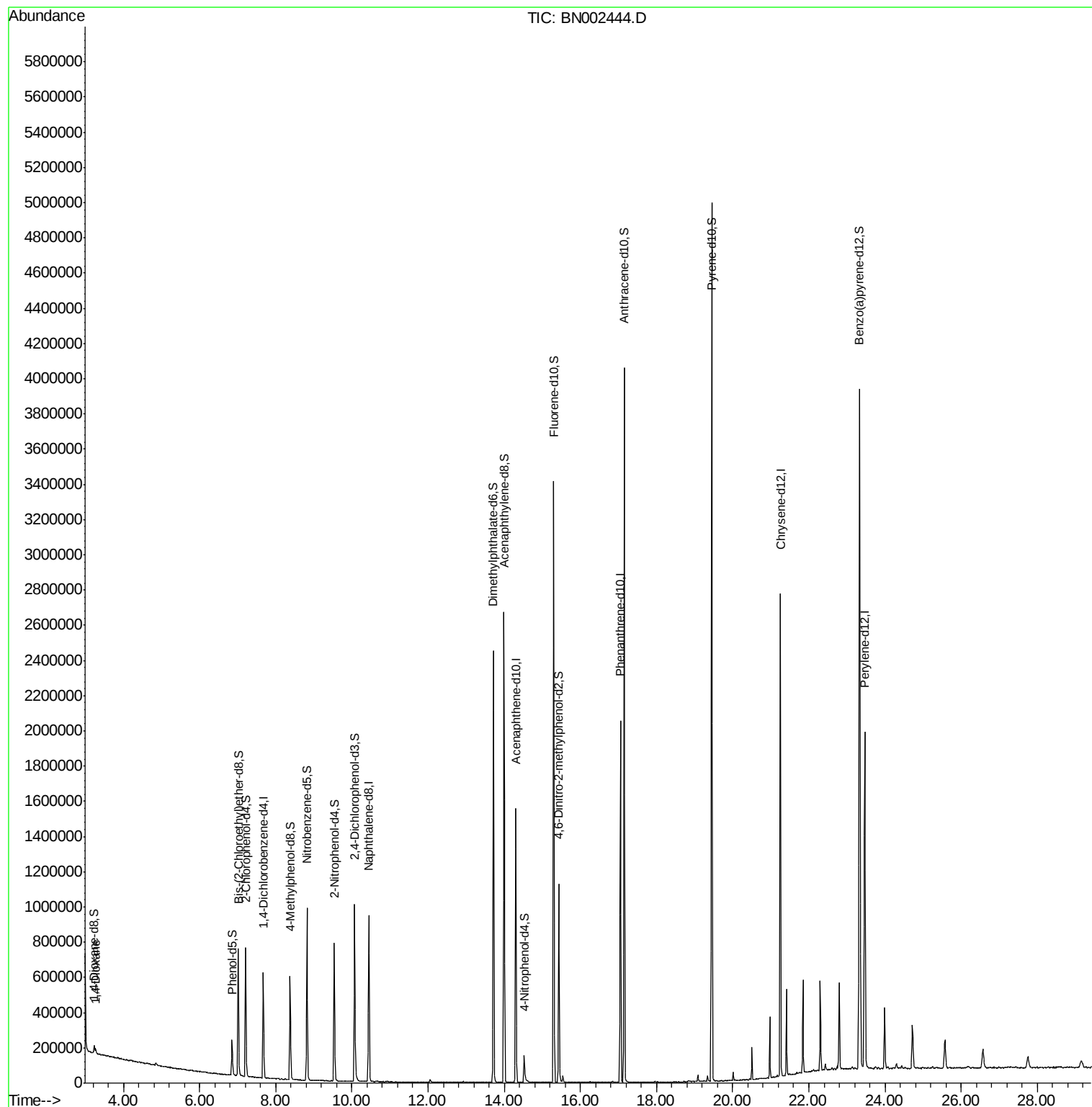
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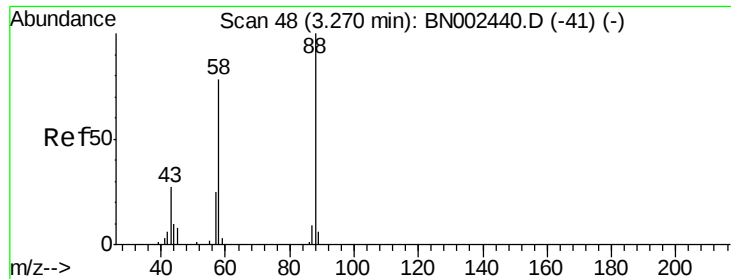
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#2

1,4-Dioxane

Concen: 4.250 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. 0.00 min

Lab File: BN002444.D

Acq: 21 Aug 2018 03:49

Instrument :

BNA\_N

ClientSampleId :

C0342

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 28.6  | 32.0  | 48.0# |
| 58      | 82.2  | 72.0  | 108.0 |

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