

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN082018\  
 Data File : BN002438.D  
 Acq On : 21 Aug 2018 00:17  
 Operator : JU/SJ  
 Sample : J4514-04  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0326

Manual Integrations  
 APPROVED

Sohil  
 8/21/2018 4:47:34 PM

Quant Time: Aug 21 04:21:15 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 21 01:54:59 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 166754   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 797079   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 510961   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.05 | 188  | 1211578  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.25 | 240  | 1316443  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.47 | 264  | 1373700  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 23296   | 6.59  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 121698  | 7.96  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 309236  | 32.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 303530  | 26.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 211974  | 17.34 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 204563  | 32.24 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 216486  | 32.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 347040  | 28.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 17984   | 1.36  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 1416539 | 33.44 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.99 | 160 | 1729568 | 33.29 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 44985m  | 5.62  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.30 | 176 | 1240299 | 33.77 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 201032  | 26.06 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.15 | 188 | 1977261 | 34.16 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.45 | 212 | 2213065 | 35.13 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.33 | 264 | 2450652 | 34.12 | ng/ul | 0.00 |

| Target Compounds |      |    |       |       | Qvalue |    |
|------------------|------|----|-------|-------|--------|----|
| 2) 1,4-Dioxane   | 3.27 | 88 | 11365 | 3.007 | ng/uL  | 97 |

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

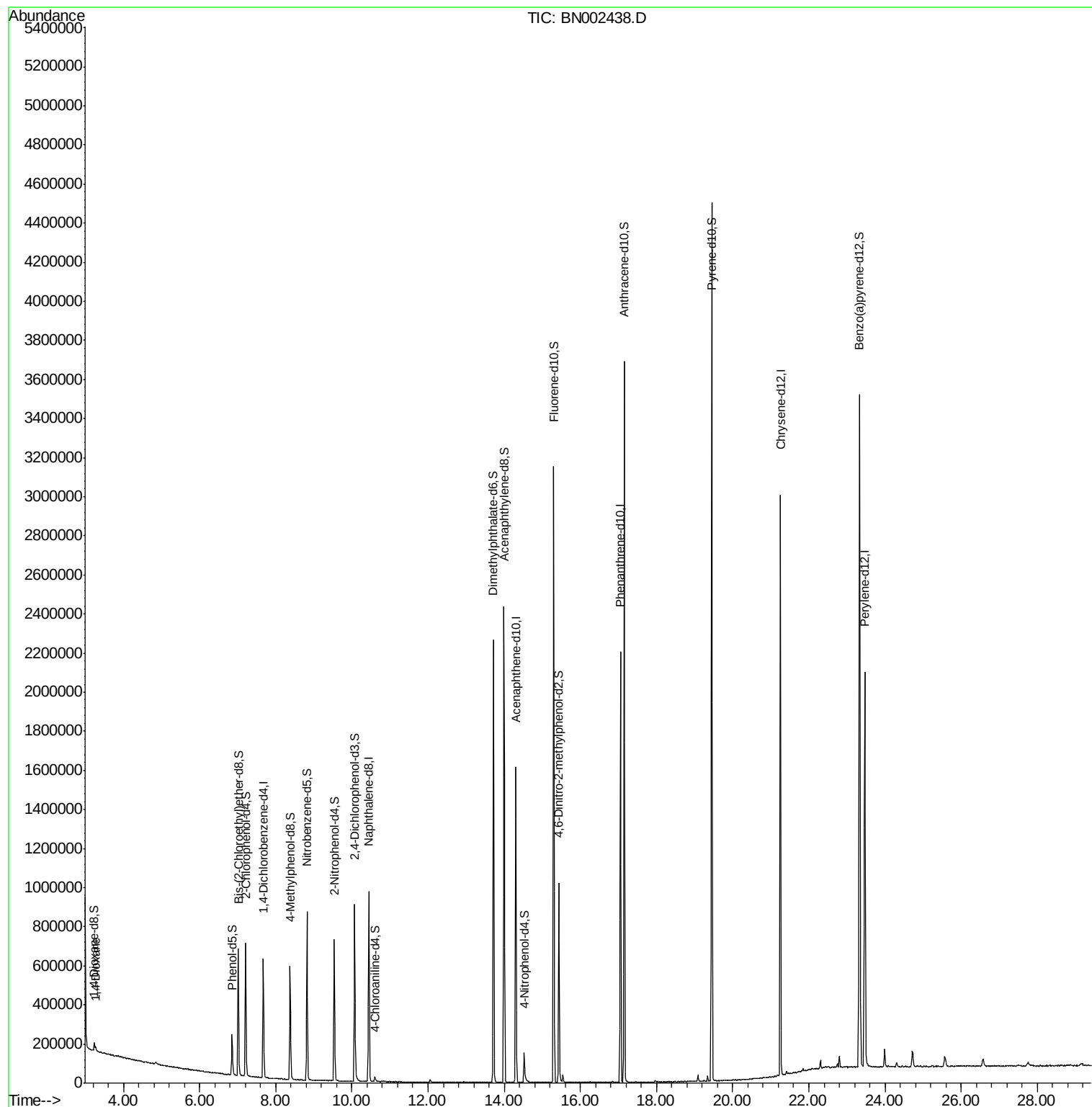
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN082018\  
Data File : BN002438.D  
Acq On : 21 Aug 2018 00:17  
Operator : JU/SJ  
Sample : J4514-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

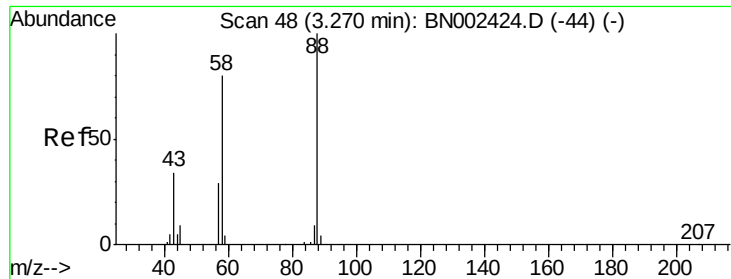
Instrument :  
BNA\_N  
ClientSampleId :  
C0326

Quant Time: Aug 21 04:21:15 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 21 01:54:59 2018  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Sohil  
8/21/2018 4:47:34 PM





#2  
 1,4-Dioxane  
 Concen: 3.007 ng/uL  
 RT: 3.27 min Scan# 48  
 Delta R.T. 0.00 min  
 Lab File: BN002438.D  
 Acq: 21 Aug 2018 00:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0326

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 40.6  | 32.0  | 48.0  |
| 58      | 85.9  | 72.0  | 108.0 |

Manual Integrations  
 APPROVED

Sohil  
 8/21/2018 4:47:34 PM

