

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081518\  
 Data File : BN002346.D  
 Acq On : 15 Aug 2018 21:50  
 Operator : JU/SJ  
 Sample : J4490-10  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C02Z8

Manual Integrations  
 APPROVED

Sohil  
 8/16/2018 5:48:22 PM

Quant Time: Aug 16 02:34:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 16 01:50:44 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 161649   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 759524   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 472686   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 1111102  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.26 | 240  | 1219318  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.47 | 264  | 1320068  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96  | 20126   | 5.88  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.86  | 99  | 117913  | 7.96  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 334705  | 35.95 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 326645  | 28.93 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 222114  | 18.74 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 219973  | 36.38 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 234906  | 36.95 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 371903  | 31.83 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d      | 0.00  | ng/ul |       |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 1495718 | 38.17 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.00 | 160 | 1698444 | 35.33 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.53 | 143 | 46984m  | 6.34  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.30 | 176 | 1278776 | 37.64 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 218635  | 30.91 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.16 | 188 | 1977558 | 37.26 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.46 | 212 | 2241980 | 38.43 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.34 | 264 | 2333721 | 33.81 | ng/ul | -0.01 |

| Target Compounds |      |    |       | Ovalue         |
|------------------|------|----|-------|----------------|
| 2) 1,4-Dioxane   | 3.27 | 88 | 16866 | 4.603 ng/uL 95 |

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

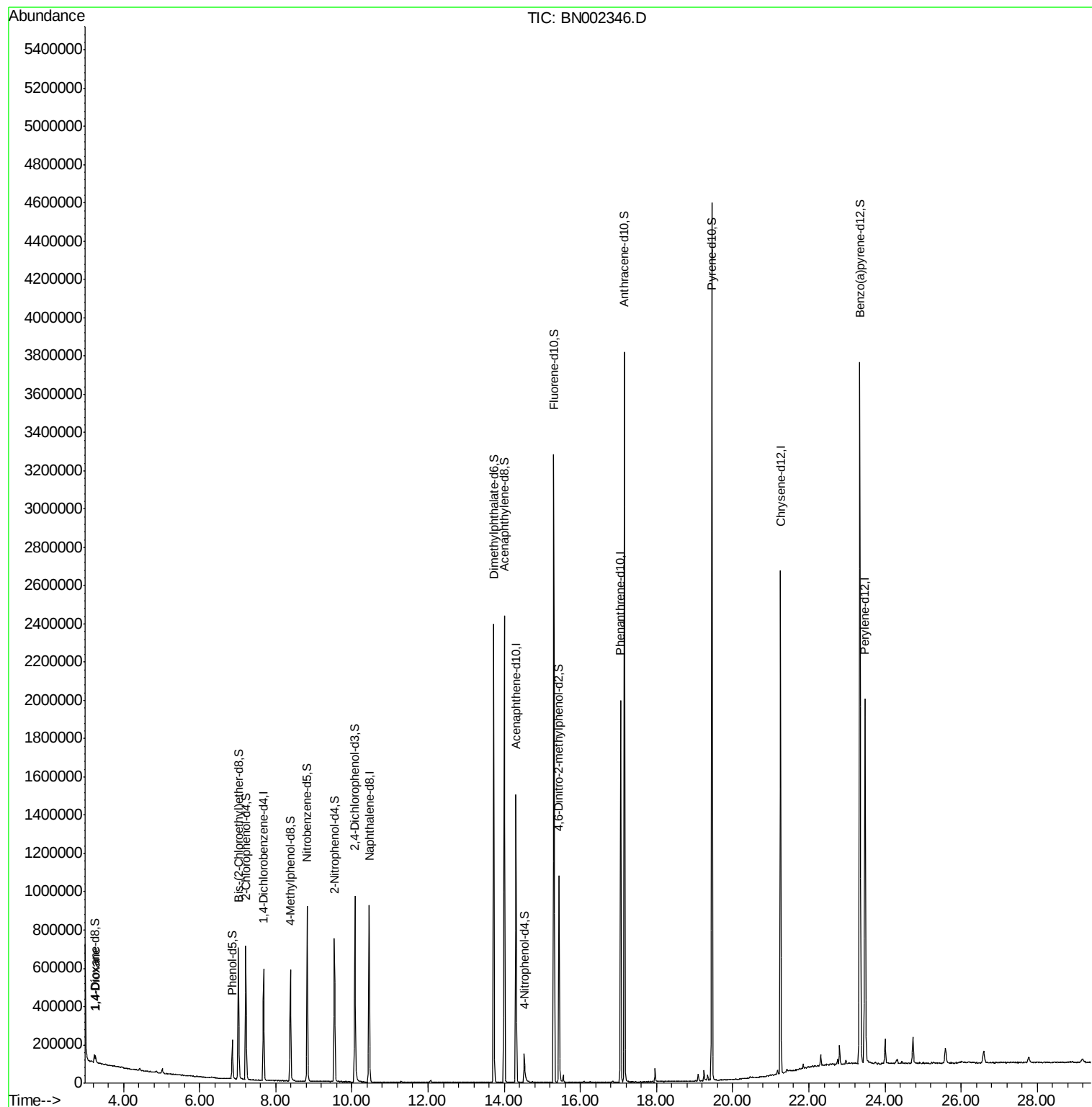
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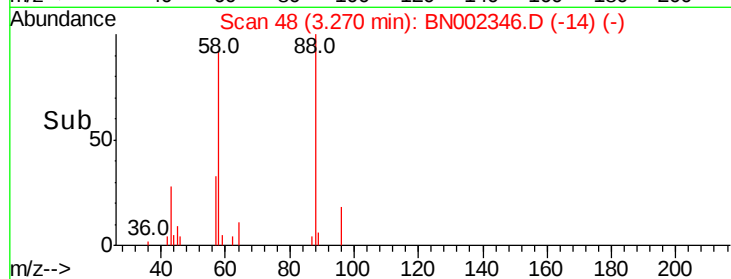
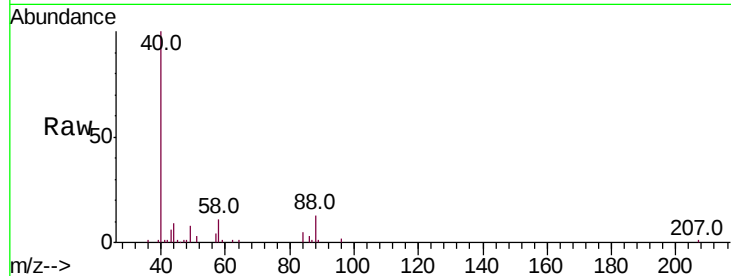
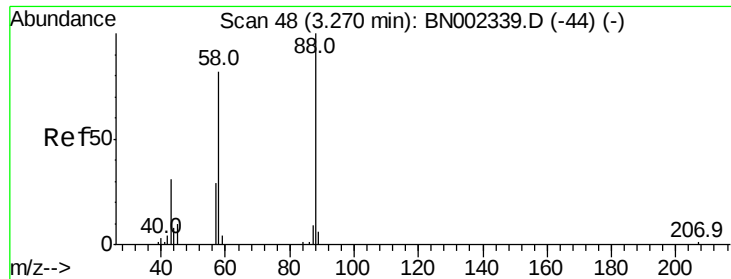
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#2

1,4-Dioxane

Concen: 4.603 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. 0.00 min

Lab File: BN002346.D

Acq: 15 Aug 2018 21:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 16866 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 33.1  | 32.0  | 48.0  |
| 58        | 88.1  | 72.0  | 108.0 |

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BNA\_N

ClientSampleId :

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