

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN081518\  
 Data File : BN002352.D  
 Acq On : 16 Aug 2018 01:23  
 Operator : JU/SJ  
 Sample : J4490-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 16 03:35:47 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  | 189825   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 888808   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 542816   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 1255907  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.26 | 240  | 1380652  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.47 | 264  | 1459175  | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96   | 22115    | 5.50  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.86  | 99   | 112231   | 6.45  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67   | 348412   | 31.87 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.22  | 132  | 337745   | 25.48 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.38  | 113  | 223239   | 16.04 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.83  | 128  | 232734   | 32.89 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.54  | 143  | 249015   | 33.47 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165  | 392408   | 28.70 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.64 | 131  | 1315     | 0.09  | ng/ul | 0.05     |
| 43) Dimethylphthalate-d6       | 13.72 | 166  | 1572061  | 34.94 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.00 | 160  | 1882596  | 34.10 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.53 | 143  | 35404    | 4.16  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.30 | 176  | 1334514  | 34.21 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200  | 227779   | 28.49 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.16 | 188  | 2097234  | 34.95 | ng/ul | 0.00     |
| 78) Pyrene-d10                 | 19.46 | 212  | 2337067  | 35.38 | ng/ul | 0.00     |
| 89) Benzo(a)pyrene-d12         | 23.34 | 264  | 2548205  | 33.40 | ng/ul | -0.01    |

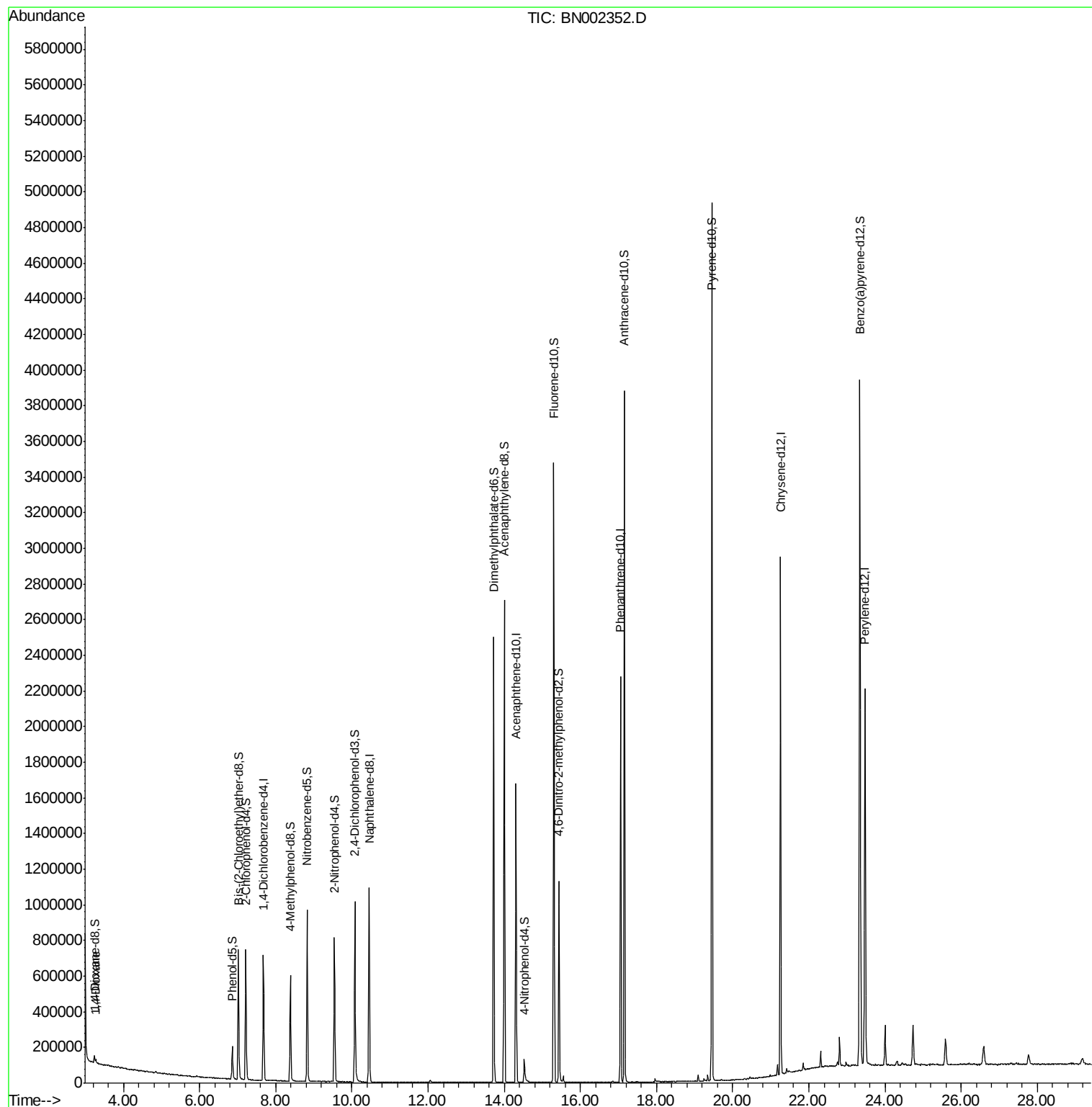
| Target Compounds | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane   | 3.28 | 88   | 8596     | 1.998 | ng/uL | 95     |

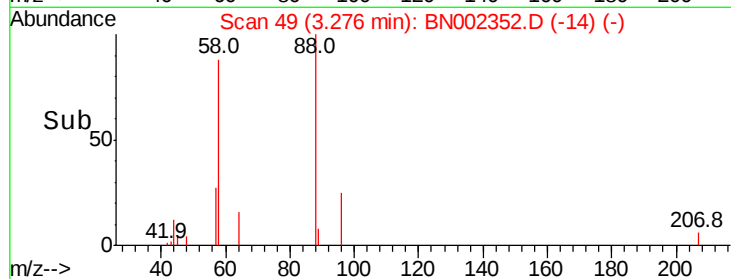
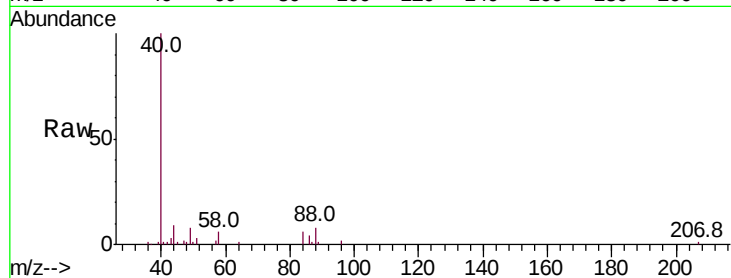
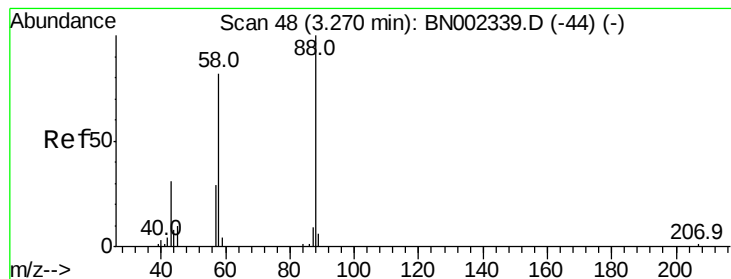
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.998 ng/uL

RT: 3.28 min Scan# 49

Delta R.T. 0.01 min

Lab File: BN002352.D

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Instrument :

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ClientSampleId :

Tot Ion: 88 Resp: 8596

Ion Ratio Lower Upper

88 100

43 34.0 32.0 48.0

58 92.4 72.0 108.0

