

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM100118\  
 Data File : BM016946.D  
 Acq On : 02 Oct 2018 06:04  
 Operator : MJ/SJ  
 Sample : J5125-11  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B79

Quant Time: Oct 02 07:34:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 27 02:42:56 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 359598   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.49 | 136  | 1562132  | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.35 | 164  | 870483   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.10 | 188  | 1632177  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.29 | 240  | 1344048  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.52 | 264  | 1397673  | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96   | 578      | 0.07  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 0.00  | 99   | 0        | 0.00  | ng/ul |          |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00  | 67   | 0        | 0.00  | ng/ul |          |
| 9) 2-Chlorophenol-d4           | 0.00  | 132  | 0        | 0.00  | ng/ul |          |
| 13) 4-Methylphenol-d8          | 0.00  | 113  | 0        | 0.00  | ng/ul |          |
| 19) Nitrobenzene-d5            | 0.00  | 128  | 0        | 0.00  | ng/ul |          |
| 22) 2-Nitrophenol-d4           | 0.00  | 143  | 0        | 0.00  | ng/ul |          |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165  | 0        | 0.00  | ng/ul |          |
| 29) 4-Chloroaniline-d4         | 10.49 | 131  | 2209     | 0.08  | ng/ul | -0.14    |
| 44) Dimethylphthalate-d6       | 13.76 | 166  | 432      | 0.01  | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.04 | 160  | 503      | 0.01  | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.53 | 143  | 423      | 0.04  | ng/ul | -0.02    |
| 58) Fluorene-d10               | 15.35 | 176  | 4819     | 0.08  | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200  | 8551     | 1.28  | ng/ul | -0.02    |
| 71) Anthracene-d10             | 17.20 | 188  | 5199     | 0.07  | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.52 | 212  | 1657     | 0.03  | ng/ul | 0.01     |
| 90) Benzo(a)pyrene-d12         | 23.52 | 264  | 1388032  | 19.04 | ng/ul | 0.13     |

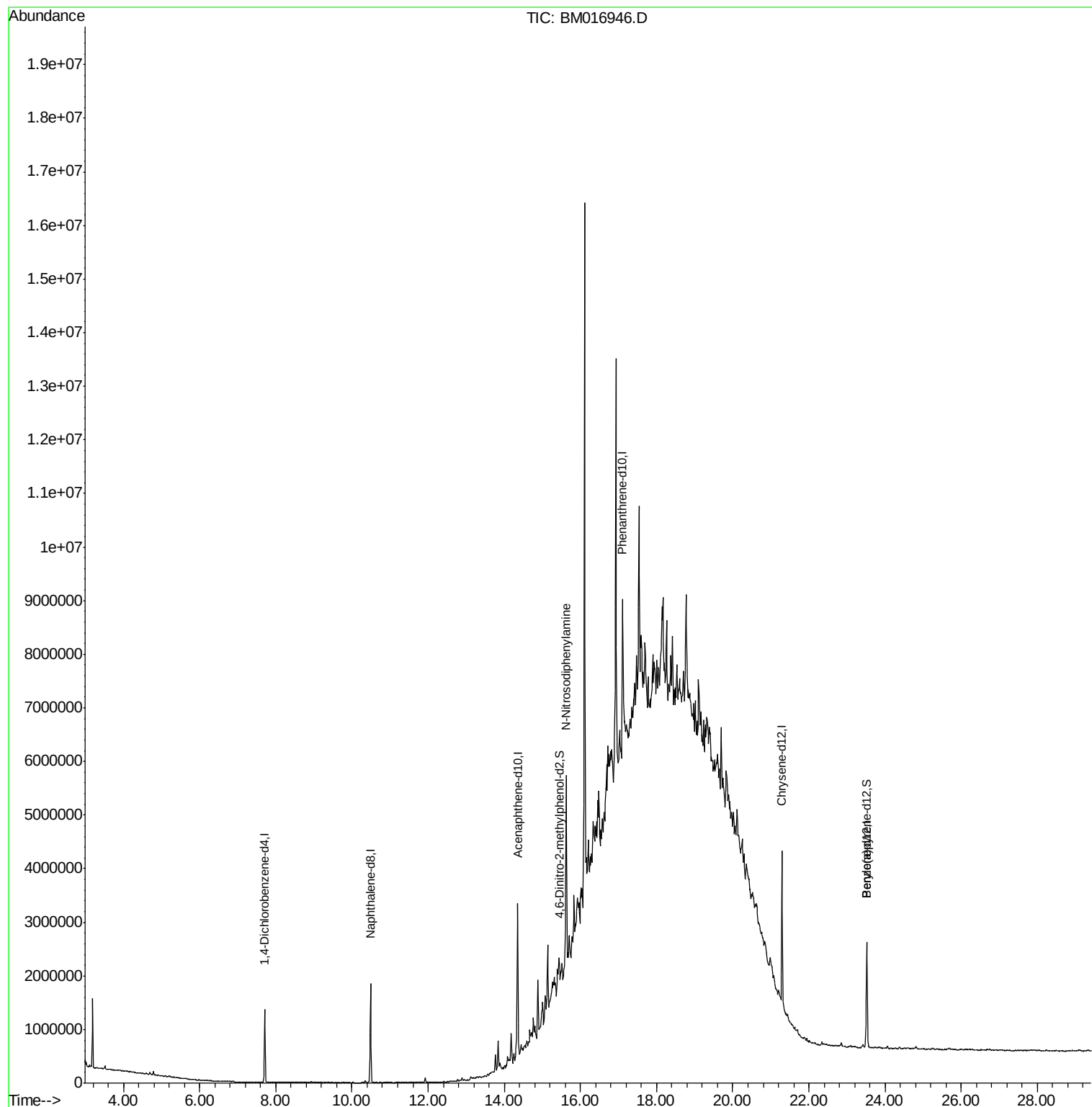
| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 65) N-Nitrosodiphenylamine | 15.63 | 169  | 64434    | 1.276 | ng/ul# | 47     |

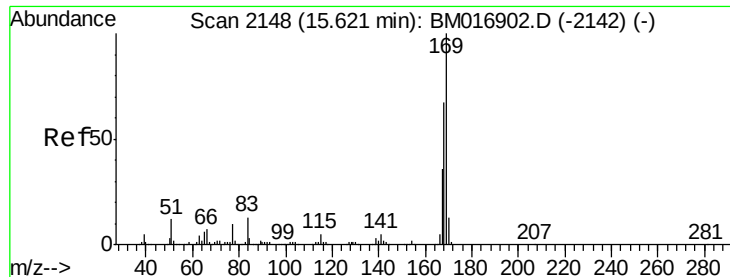
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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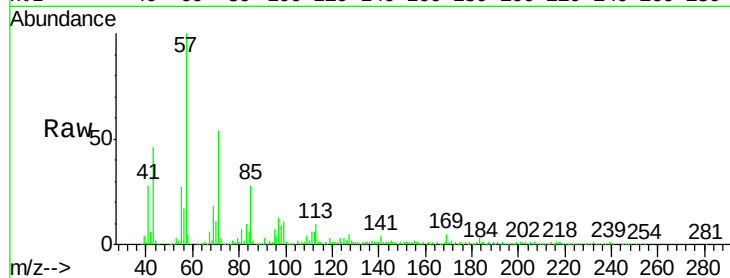




#65  
 N-Nitrosodiphenylamine  
 Concen: 1.276 ng/ul  
 RT: 15.63 min Scan# 2149  
 Delta R.T. 0.01 min  
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 Acq: 02 Oct 2018 06:04

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 21.6  | 53.8  | 80.8# |
| 167     | 9.7   | 29.5  | 44.3# |



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

