

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062319\  
 Data File : BM021126.D  
 Acq On : 23 Jun 2019 09:42  
 Operator : HP/JU  
 Sample : K3226-17  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFCP1

Quant Time: Jun 24 00:54:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 20 03:45:02 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 289252   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.56 | 136  | 1254302  | 20.00 | ng/ul | -0.02    |
| 35) Acenaphthene-d10      | 14.41 | 164  | 813408   | 20.00 | ng/ul | -0.02    |
| 61) Phenanthrene-d10      | 17.16 | 188  | 1788924  | 20.00 | ng/ul | -0.01    |
| 77) Chrysene-d12          | 21.34 | 240  | 1307056  | 20.00 | ng/ul | -0.02    |
| 85) Perylene-d12          | 23.61 | 264  | 1420944  | 20.00 | ng/ul | -0.02    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96   | 30464    | 5.00  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.94  | 99   | 140248   | 5.57  | ng/ul | -0.01    |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.11  | 67   | 357792   | 23.85 | ng/ul | -0.02    |
| 9) 2-Chlorophenol-d4           | 7.30  | 132  | 405231   | 19.81 | ng/ul | -0.02    |
| 13) 4-Methylphenol-d8          | 8.47  | 113  | 274732   | 13.07 | ng/ul | -0.02    |
| 19) Nitrobenzene-d5            | 8.93  | 128  | 264370   | 25.96 | ng/ul | -0.02    |
| 22) 2-Nitrophenol-d4           | 9.65  | 143  | 296070   | 26.19 | ng/ul | -0.02    |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165  | 545031   | 23.71 | ng/ul | -0.02    |
| 29) 4-Chloroaniline-d4         | 10.71 | 131  | 60905    | 2.54  | ng/ul | -0.01    |
| 43) Dimethylphthalate-d6       | 13.83 | 166  | 2086267  | 28.39 | ng/ul | -0.01    |
| 46) Acenaphthylene-d8          | 14.10 | 160  | 2452028  | 27.25 | ng/ul | -0.02    |
| 51) 4-Nitrophenol-d4           | 14.63 | 143  | 40027    | 3.35  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.41 | 176  | 1805518  | 28.24 | ng/ul | -0.01    |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200  | 245406   | 22.32 | ng/ul | -0.01    |
| 70) Anthracene-d10             | 17.26 | 188  | 2664721  | 28.66 | ng/ul | -0.02    |
| 78) Pyrene-d10                 | 19.55 | 212  | 2560407  | 32.64 | ng/ul | -0.02    |
| 89) Benzo(a)pyrene-d12         | 23.47 | 264  | 2431977  | 29.01 | ng/ul | -0.02    |

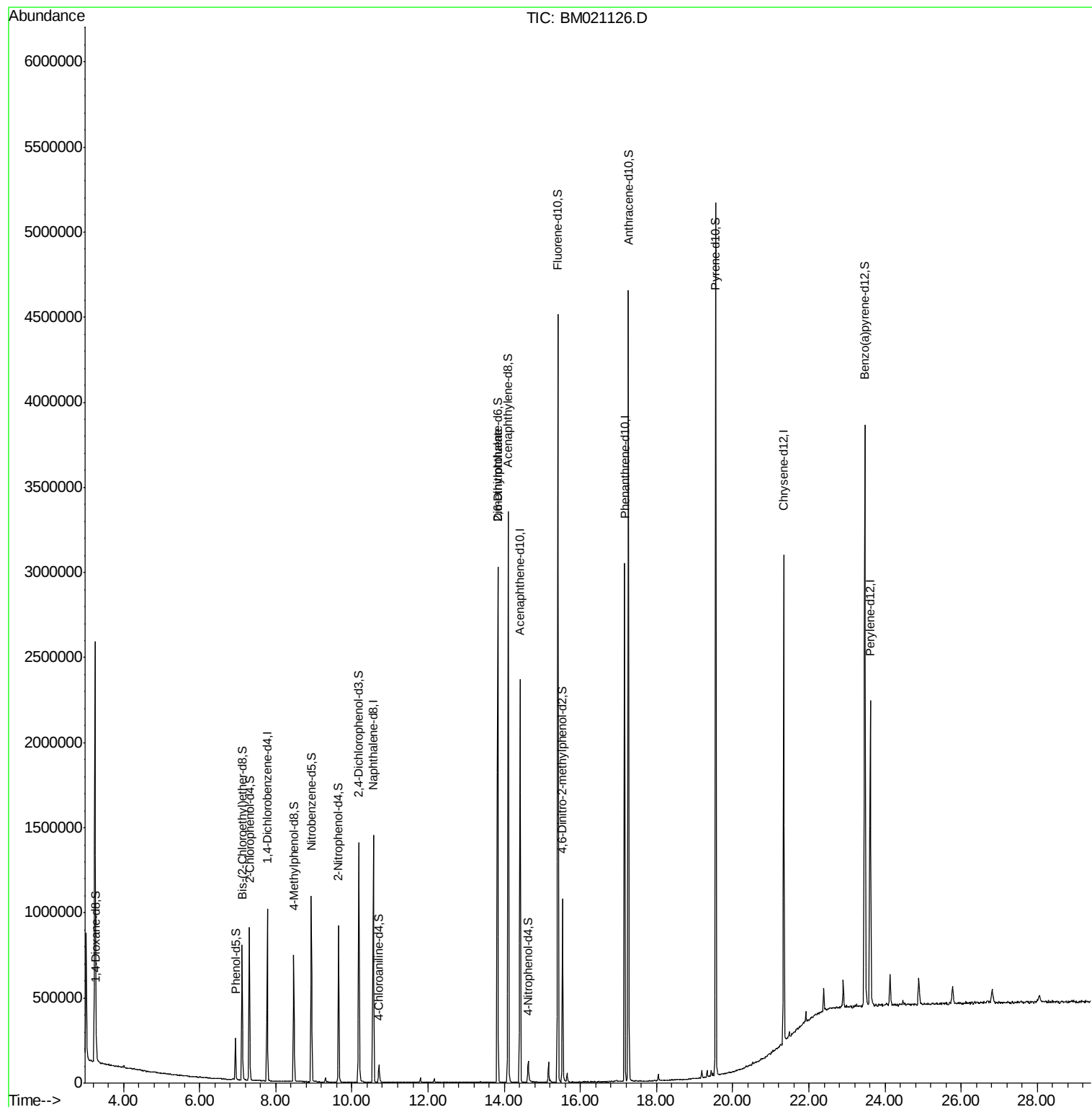
| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 45) 2,6-Dinitrotoluene | 13.83 | 165  | 14812    | 1.160 | ng/ul# | 43     |

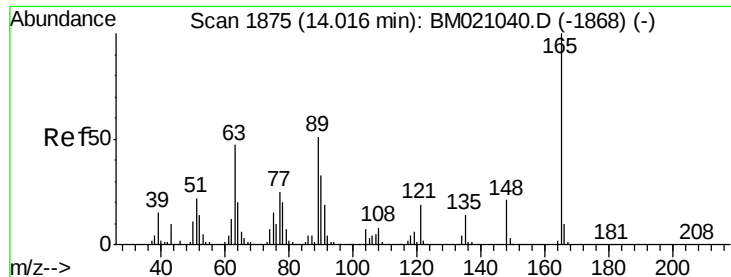
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45  
 2,6-Dinitrotoluene  
 Concen: 1.160 ng/ul  
 RT: 13.83 min Scan# 1843  
 Delta R.T. -0.19 min  
 Lab File: BM021126.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 0.0   | 43.6  | 65.4# |
| 121     | 24.8  | 16.5  | 24.7# |

