

Data File : BM021043.D  
Acq On : 19 Jun 2019 19:52  
Operator : HP/JU  
Sample : K3213-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB8H8

Quant Time: Jun 20 03:48:25 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 | 7.79  | 152  | 226136   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 996535   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.42 | 164  | 633101   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.17 | 188  | 1413876  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.35 | 240  | 1245342  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.63 | 264  | 1353398  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 7052    | 1.48  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.95  | 99  | 118998  | 6.05  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 325118  | 27.72 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 373918  | 23.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 239100  | 14.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.95  | 128 | 241613  | 29.86 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.66  | 143 | 269502  | 30.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.19 | 165 | 488868  | 26.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.74 | 131 | 272     | 0.01  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.84 | 166 | 1792178 | 31.33 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.12 | 160 | 2015682 | 28.78 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 40313   | 4.33  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.42 | 176 | 1537805 | 30.91 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 233993  | 26.92 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.27 | 188 | 2540863 | 34.58 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.56 | 212 | 2712473 | 36.30 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.48 | 264 | 2631550 | 32.96 | ng/ul | 0.00 |

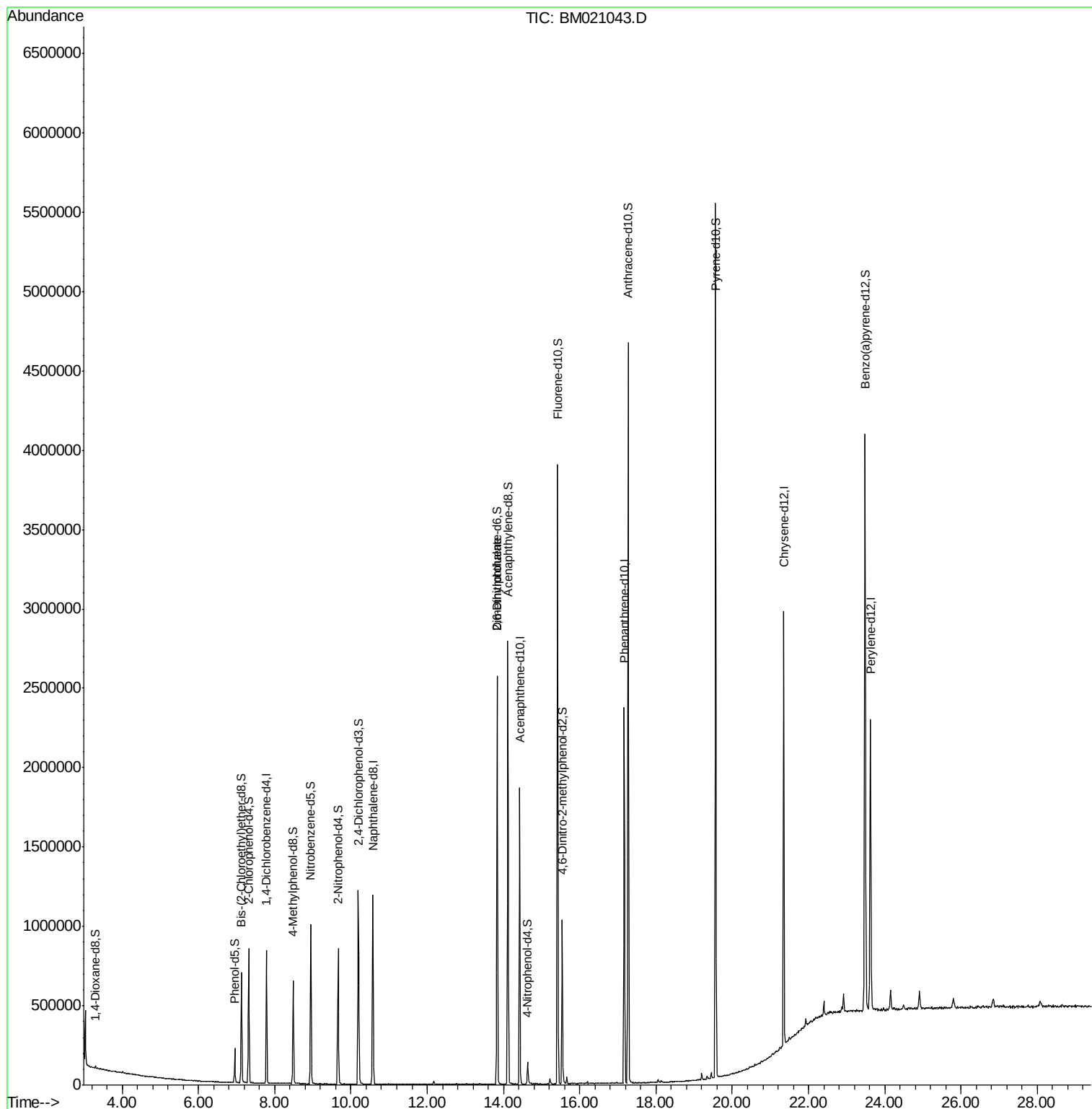
| Target Compounds       |       |     |       |       | Qvalue |    |
|------------------------|-------|-----|-------|-------|--------|----|
| 45) 2,6-Dinitrotoluene | 13.84 | 165 | 13160 | 1.324 | ng/ul# | 42 |

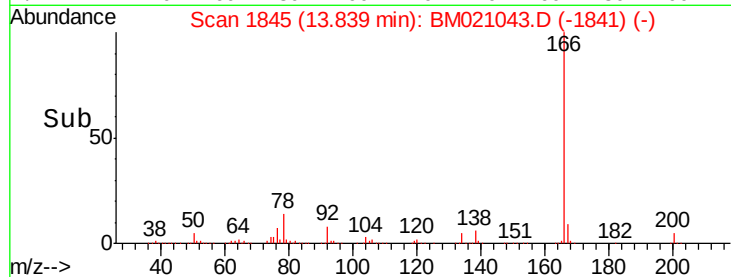
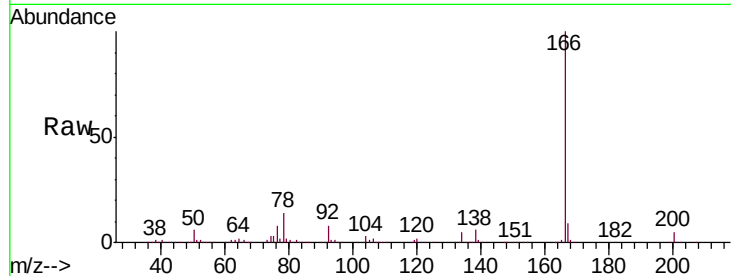
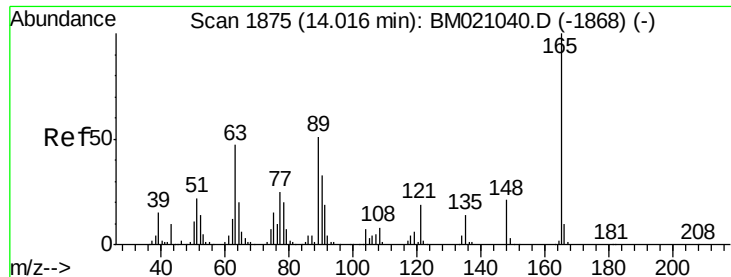
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45  
 2,6-Dinitrotoluene  
 Concen: 1.324 ng/ul  
 RT: 13.84 min Scan# 1845  
 Delta R.T. -0.18 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 0.0   | 43.6  | 65.4# |
| 121     | 26.2  | 16.5  | 24.7# |

