

Data File : BM021053.D  
Acq On : 20 Jun 2019 01:54  
Operator : HP/JU  
Sample : K3213-17  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB8K8

Quant Time: Jun 20 03:49:37 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  | 268499   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 1151011  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.42 | 164  | 706565   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.17 | 188  | 1588939  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.35 | 240  | 1503279  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.63 | 264  | 1685212  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 8686    | 1.54  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.95  | 99  | 175249  | 7.50  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 389843  | 28.00 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 471424  | 24.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 336468  | 17.25 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.95  | 128 | 287350  | 30.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.66  | 143 | 329933  | 31.80 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.19 | 165 | 632372  | 29.98 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.73 | 131 | 2069    | 0.09  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.84 | 166 | 2193452 | 34.36 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.12 | 160 | 2611807 | 33.42 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 66189   | 6.37  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.42 | 176 | 1848422 | 33.29 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 307396  | 31.47 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.27 | 188 | 2884590 | 34.93 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.56 | 212 | 3235512 | 35.87 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.48 | 264 | 3325057 | 33.44 | ng/ul | 0.00 |

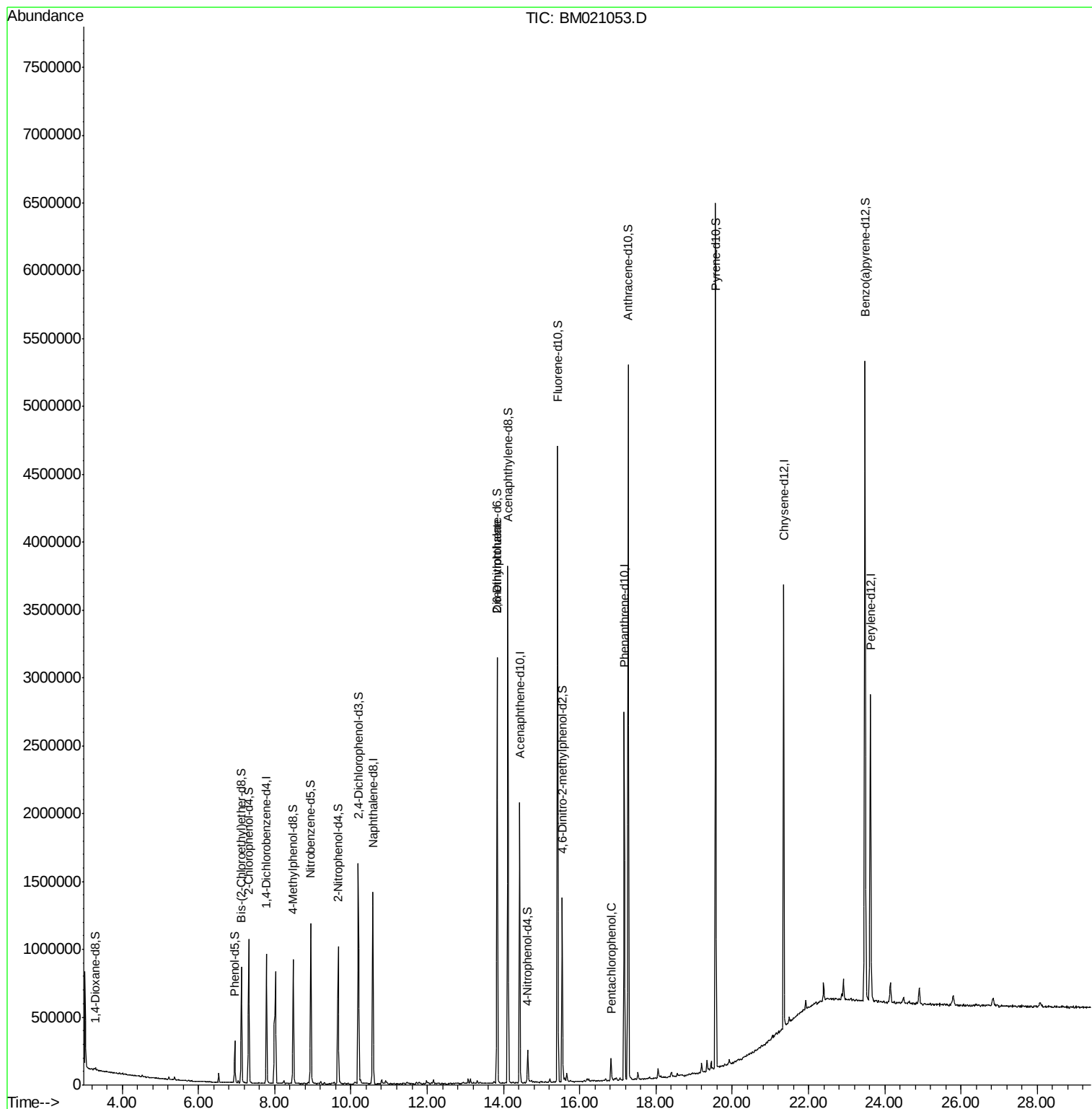
| Target Compounds       |       |     |       |              | Qvalue |
|------------------------|-------|-----|-------|--------------|--------|
| 45) 2,6-Dinitrotoluene | 13.84 | 165 | 15594 | 1.406 ng/ul# | 41     |
| 68) Pentachlorophenol  | 16.82 | 266 | 30396 | 2.715 ng/ul  | 97     |

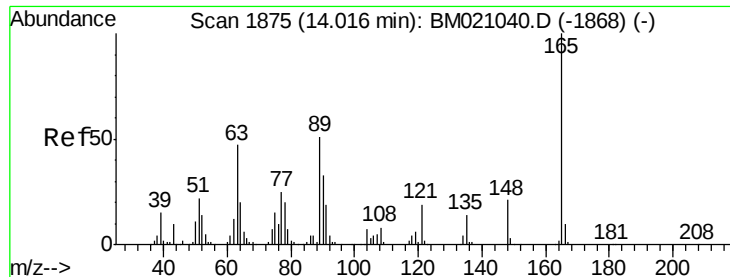
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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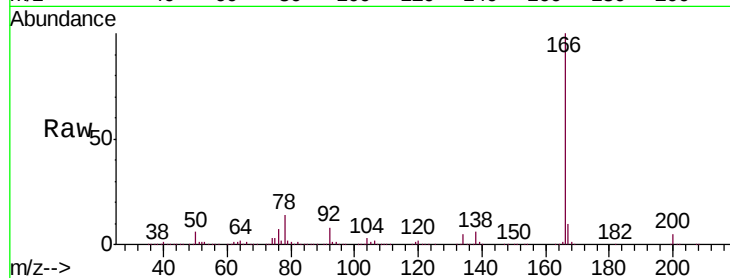




#45  
 2,6-Dinitrotoluene  
 Concen: 1.406 ng/ul  
 RT: 13.84 min Scan# 1845  
 Delta R.T. -0.18 min  
 Lab File: BM021053.D  
 Acq: 20 Jun 2019 01:54

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DB8K8

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 0.0   | 43.6  | 65.4# |
| 121     | 28.2  | 16.5  | 24.7# |

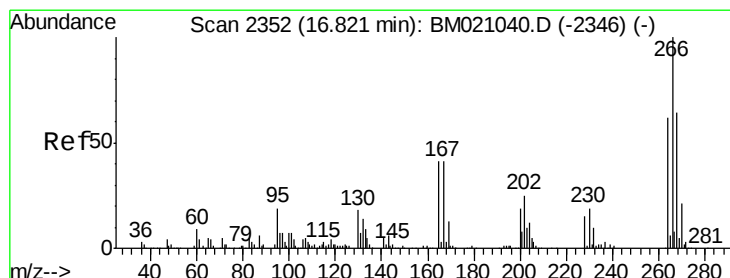
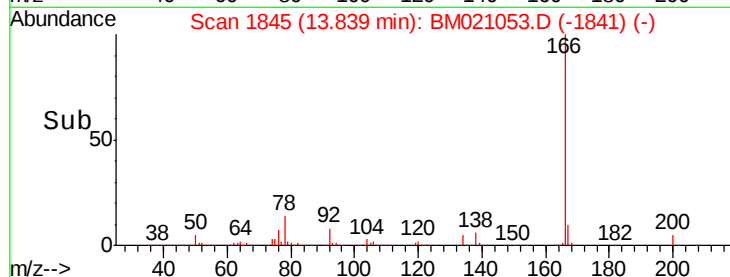
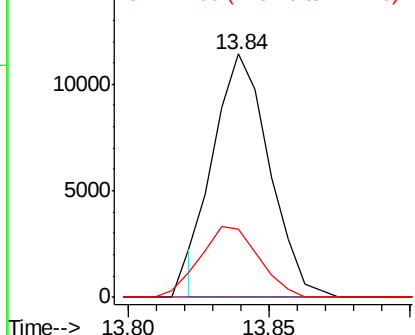


Abundance

Ion 165.00 (164.70 to 165.70): E

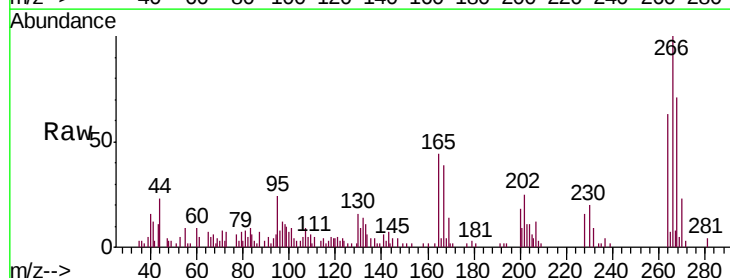
Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E



#68  
 Pentachlorophenol  
 Concen: 2.715 ng/ul  
 RT: 16.82 min Scan# 2352  
 Delta R.T. -0.00 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.1  | 49.9  | 74.9  |
| 268     | 71.3  | 53.4  | 80.0  |



Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

