

Data File : BG041978.D  
Acq On : 5 Aug 2019 23:14  
Operator : HP/JU  
Sample : AR1242-50PPM  
Misc : GCMS CONFIRMATION  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
AR1242-50PPM

Quant Time: Aug 06 07:00:35 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 06 06:57:43 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 73124    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.86 | 136  | 271707   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.69 | 164  | 180715   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.44 | 188  | 400671   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.73 | 240  | 460083   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 25.00 | 264  | 525623   | 20.00 | ng/ul | 0.00     |

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| System Monitoring Compounds    |       |     |        |       |       |       |
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0      | 0.00  | ng/uL |       |
| 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         | 10.86 | 131 | 367    | 0.07  | ng/ul | -0.12 |
| 43) Dimethylphthalate-d6       | 0.00  | 166 | 0      | 0.00  | ng/ul |       |
| 46) Acenaphthylene-d8          | 14.69 | 160 | 80068  | 5.00  | ng/ul | 0.31  |
| 51) 4-Nitrophenol-d4           | 0.00  | 143 | 0      | 0.00  | ng/ul |       |
| 57) Fluorene-d10               | 15.70 | 176 | 289    | 0.02  | ng/ul | 0.02  |
| 62) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0      | 0.00  | ng/ul |       |
| 70) Anthracene-d10             | 17.44 | 188 | 400671 | 20.84 | ng/ul | -0.11 |
| 78) Pyrene-d10                 | 0.00  | 212 | 0      | 0.00  | ng/ul |       |
| 89) Benzo(a)pyrene-d12         | 25.00 | 264 | 525623 | 19.14 | ng/ul | 0.22  |

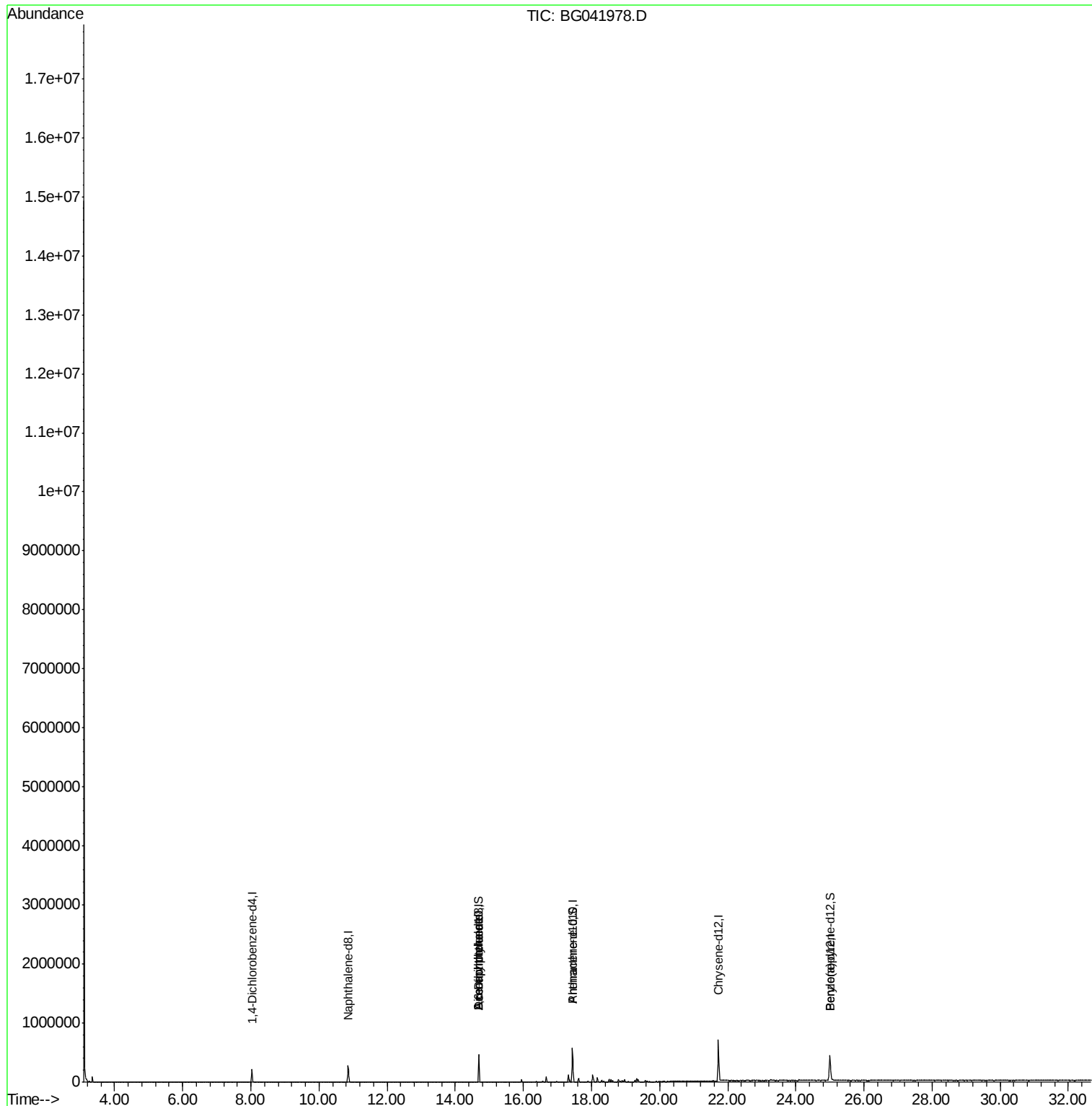
|                        |       |     |       |        |        |    |
|------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds       |       |     |       | Qvalue |        |    |
| 44) Dimethylphthalate  | 14.69 | 163 | 39279 | 2.823  | ng/ul# | 1  |
| 45) 2,6-Dinitrotoluene | 14.69 | 165 | 23008 | 7.601  | ng/ul# | 40 |

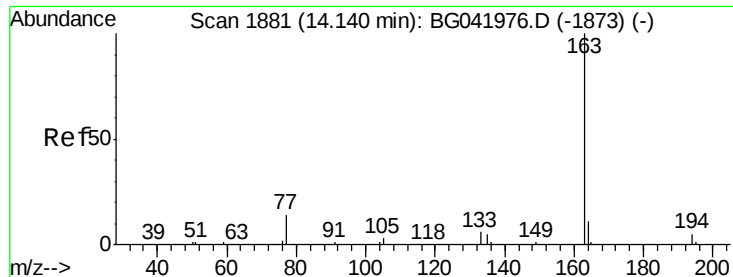
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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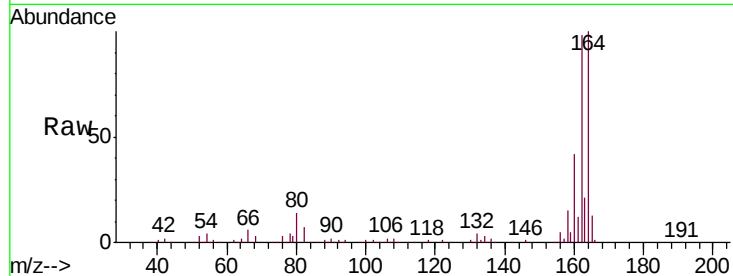




#44  
Dimethylphthalate  
Concen: 2.823 ng/ul  
RT: 14.69 min Scan# 1975  
Delta R.T. 0.55 min  
Lab File: BG041978.D  
Acq: 5 Aug 2019 23:14

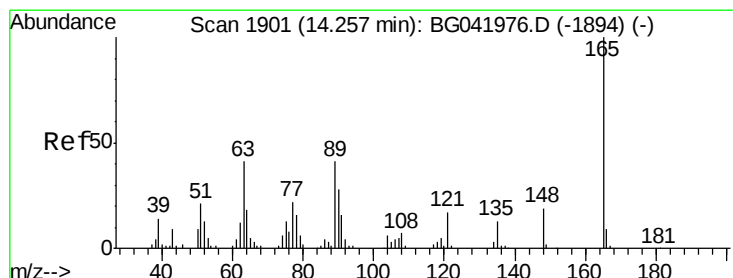
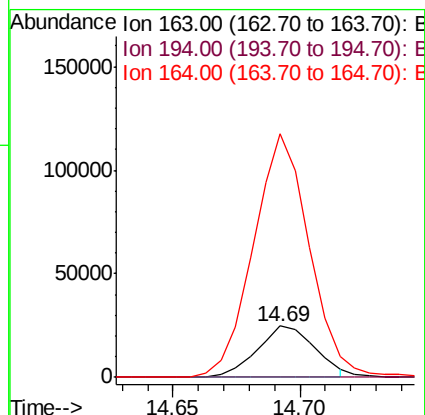
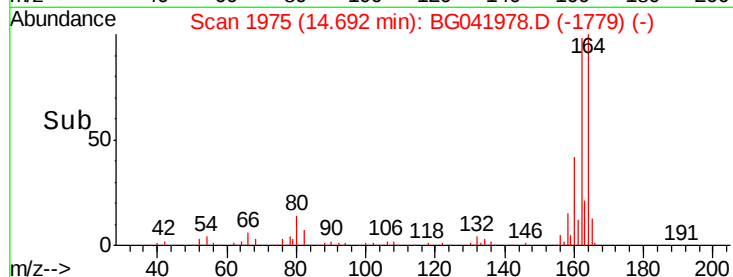
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 0.0   | 4.2   | 6.2#  |
| 164     | 476.6 | 7.8   | 11.8# |



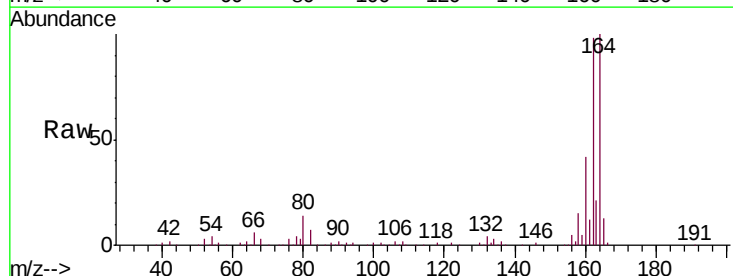
Abundance

Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



#45  
2,6-Dinitrotoluene  
Concen: 7.601 ng/ul  
RT: 14.69 min Scan# 1975  
Delta R.T. 0.43 min  
Lab File: BG041978.D  
Acq: 5 Aug 2019 23:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 1.3   | 36.8  | 55.2# |
| 121     | 0.0   | 15.6  | 23.4# |



Abundance

Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BG  
Ion 121.00 (120.70 to 121.70): E

