

Data File : BN009871.D  
Acq On : 24 Feb 2020 19:51  
Operator : CG/JU  
Sample : L1582-11  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBDK3

Quant Time: Feb 25 02:42:09 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Feb 25 02:39:29 2020  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 93939    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.13 | 136  | 399715   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.03 | 164  | 256541   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.79 | 188  | 545926   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.01 | 240  | 472333   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 523170   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.03  | 96  | 13394   | 5.86  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.59  | 99  | 50434   | 6.31  | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.75  | 67  | 181080  | 32.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.93  | 132 | 156862  | 26.08 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.10  | 113 | 101569  | 15.98 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.53  | 128 | 99454   | 34.01 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.25  | 143 | 109060  | 34.09 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.77  | 165 | 179377  | 29.17 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.33 | 131 | 4571    | 0.66  | ng/ul | 0.05 |
| 44) Dimethylphthalate-d6       | 13.46 | 166 | 735259  | 38.37 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.72 | 160 | 825897  | 36.60 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.29 | 143 | 8670    | 2.48  | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.03 | 176 | 639887  | 38.68 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 96181   | 28.36 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.89 | 188 | 996668  | 39.83 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.19 | 212 | 1088791 | 44.10 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.98 | 264 | 1073688 | 41.10 | ng/ul | 0.00 |

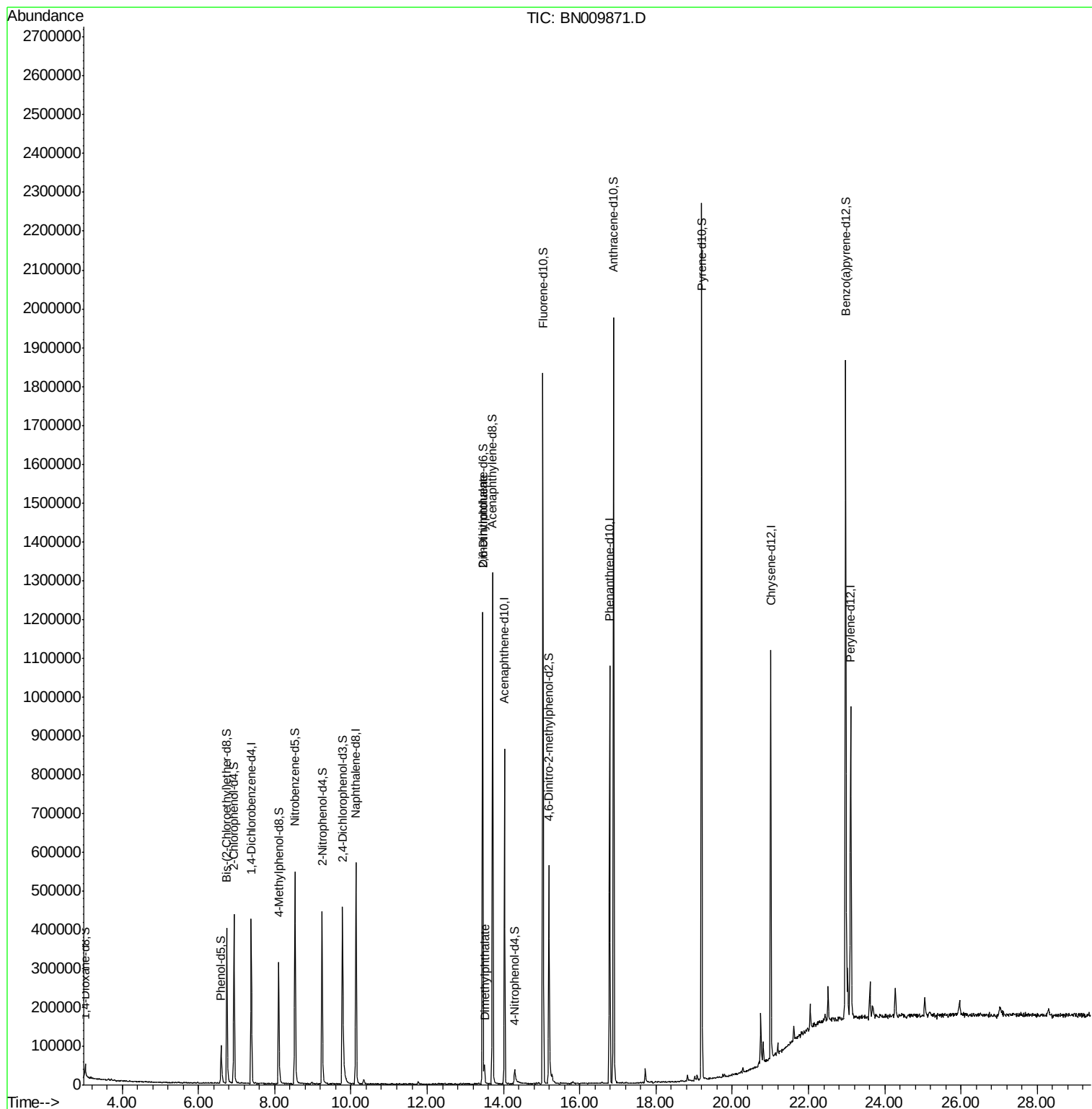
| Target Compounds       |       |     |       |              | Qvalue |
|------------------------|-------|-----|-------|--------------|--------|
| 45) Dimethylphthalate  | 13.50 | 163 | 24421 | 1.221 ng/ul# | 97     |
| 46) 2,6-Dinitrotoluene | 13.46 | 165 | 4814  | 1.230 ng/ul# | 30     |

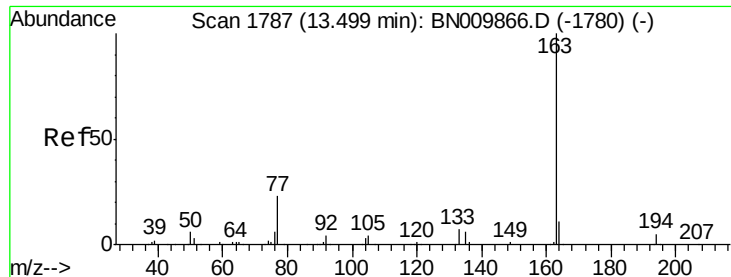
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.221 ng/ul

RT: 13.50 min Scan# 1788

Delta R.T. 0.01 min

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Instrument :

BNA\_N

ClientSampleId :

DBDK3

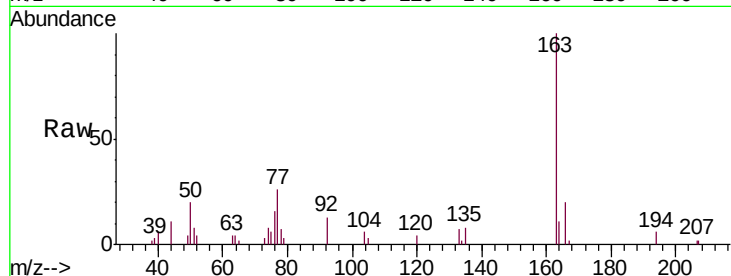
Tgt Ion:163 Resp: 24421

Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.0#

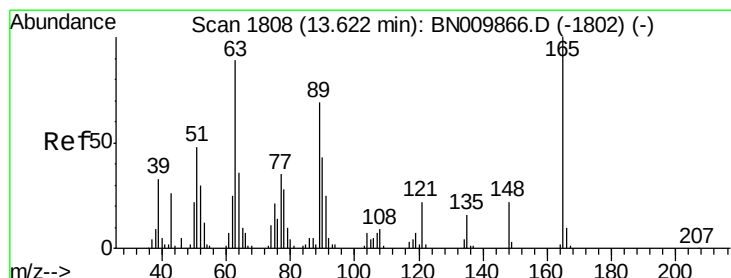
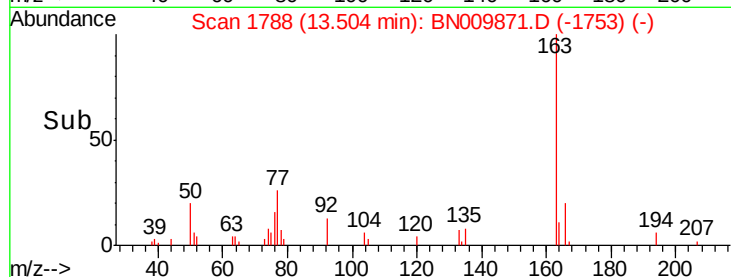
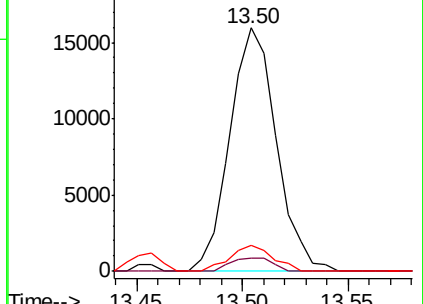
164 10.8 8.0 12.0



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



#46

2,6-Dinitrotoluene

Concen: 1.230 ng/ul

RT: 13.46 min Scan# 1780

Delta R.T. -0.17 min

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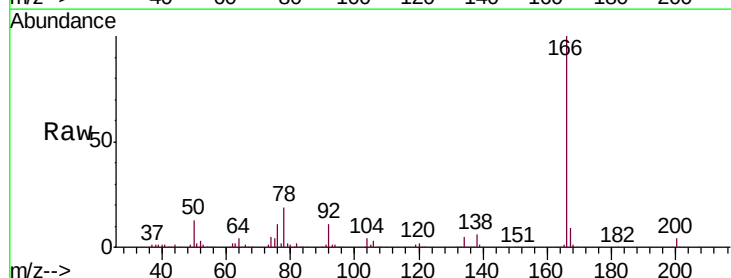
Tgt Ion:165 Resp: 4814

Ion Ratio Lower Upper

165 100

89 0.0 54.1 81.1#

121 36.0 18.1 27.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E

