

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM111319\  
 Data File : BM023697.D  
 Acq On : 13 Nov 2019 15:19  
 Operator : JU  
 Sample : K5579-12  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEJQ1

Quant Time: Nov 13 15:52:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11119MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 13 13:51:42 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.54  | 152  | 364952   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 1718229  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.20 | 164  | 1267338  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.95 | 188  | 2877348  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.14 | 240  | 2456244  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.31 | 264  | 2203507  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 52023   | 5.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.73  | 99  | 221338  | 6.65  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.89  | 67  | 539230  | 28.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.08  | 132 | 592403  | 24.58 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.26  | 113 | 433536  | 16.34 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.69  | 128 | 385553  | 31.35 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.41  | 143 | 435162  | 33.66 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.95  | 165 | 838130  | 28.44 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.46 | 131 | 58235   | 1.80  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.62 | 166 | 3132933 | 31.70 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.89 | 160 | 3457530 | 30.66 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 99530   | 5.90  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.20 | 176 | 2865744 | 32.84 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 489555  | 29.41 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.05 | 188 | 5307830 | 38.89 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.35 | 212 | 5816485 | 45.42 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.17 | 264 | 4724259 | 40.74 | ng/ul | 0.00 |

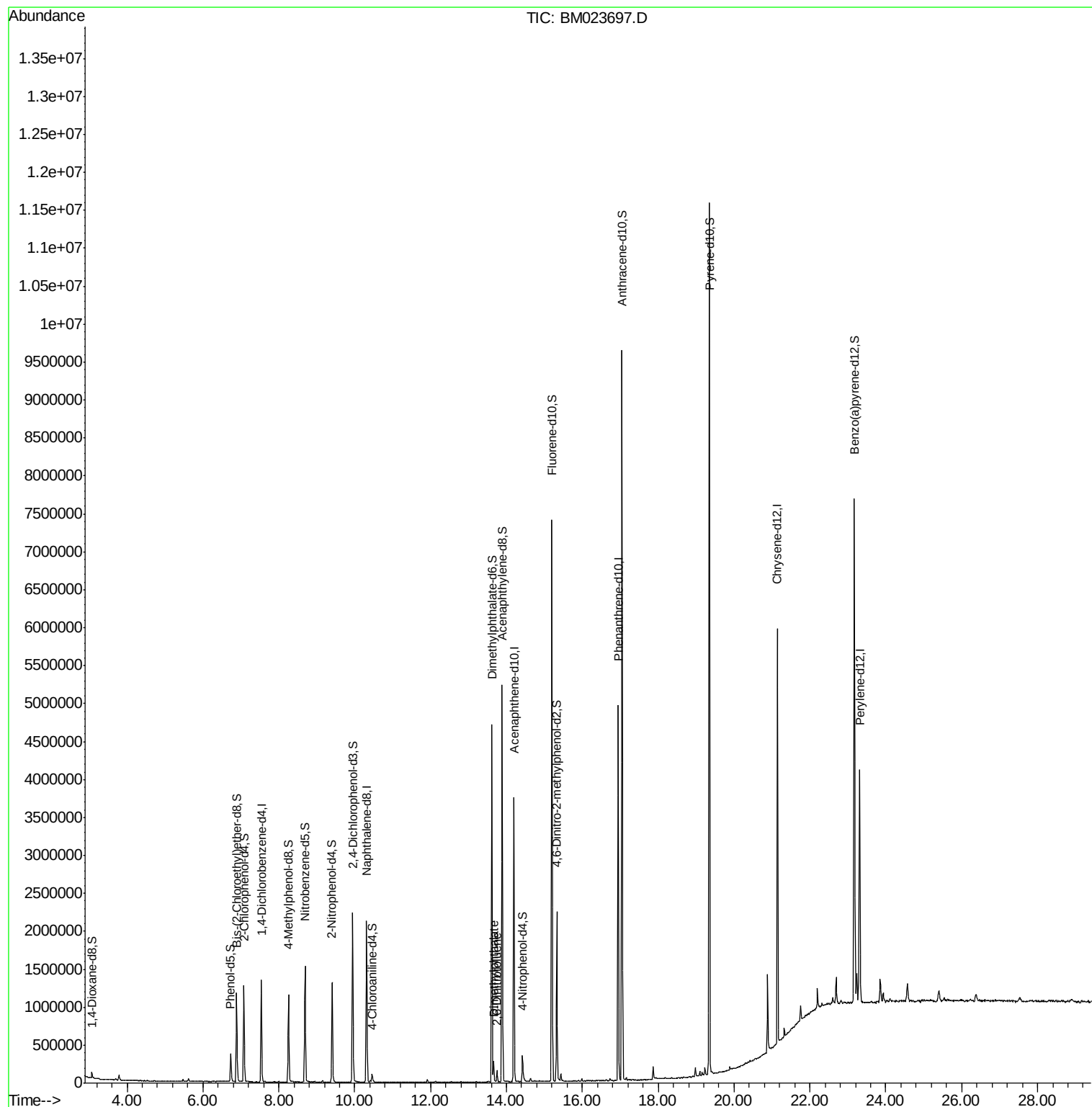
| Target Compounds       |       |     |        |              | Qvalue |
|------------------------|-------|-----|--------|--------------|--------|
| 45) Dimethylphthalate  | 13.66 | 163 | 165646 | 1.710 ng/ul  | 99     |
| 46) 2,6-Dinitrotoluene | 13.75 | 165 | 23553  | 1.335 ng/ul# | 43     |

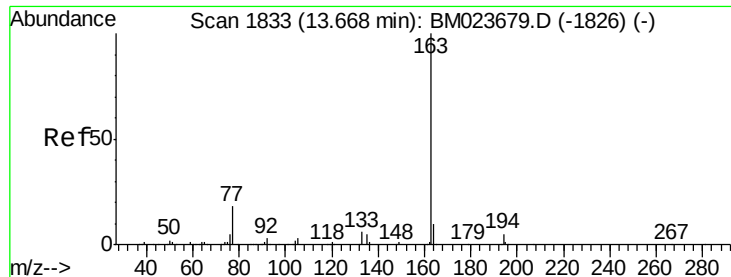
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.710 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

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Instrument :

BNA\_M

ClientSampleId :

BEJQ1

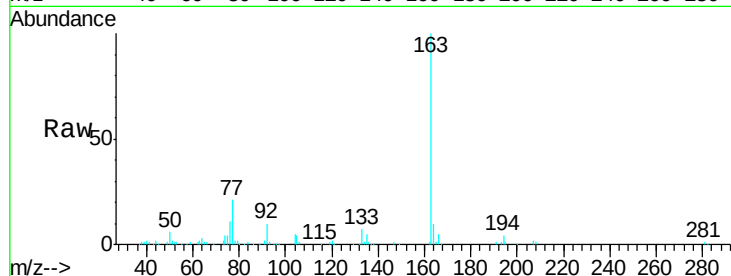
Tgt Ion:163 Resp: 165646

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

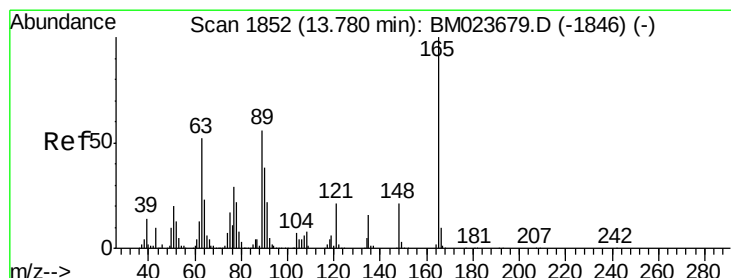
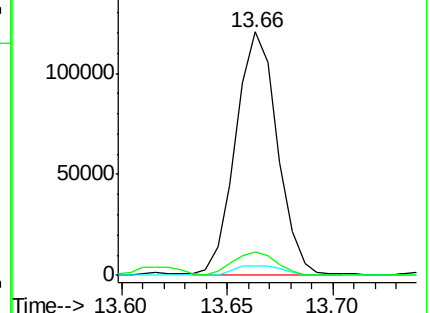
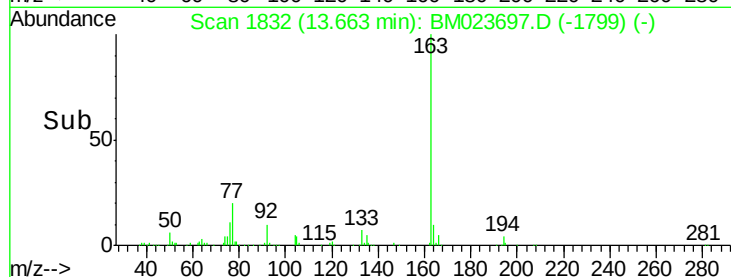
164 9.6 8.0 12.0



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: 1.335 ng/ul

RT: 13.75 min Scan# 1846

Delta R.T. -0.03 min

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Acq: 13 Nov 2019 15:19

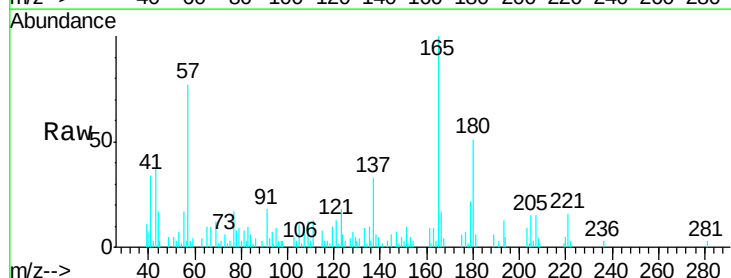
Tgt Ion:165 Resp: 23553

Ion Ratio Lower Upper

165 100

89 2.9 43.8 65.8#

121 13.0 17.0 25.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

