

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN051819\  
 Data File : BN005781.D  
 Acq On : 19 May 2019 08:01  
 Operator : JU/SJ  
 Sample : K2741-03  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFHJ0

Quant Time: May 20 04:07:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN051819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 20 03:44:27 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 103987   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 459058   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.21 | 164  | 314665   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 798752   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.20 | 240  | 924103   | 20.00 | ng/ul | -0.02    |
| 85) Perylene-d12          | 23.40 | 264  | 1081598  | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 11452   | 6.17  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.77  | 99  | 69666   | 8.67  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 144352  | 34.43 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 189952  | 29.39 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 130549  | 19.00 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 120067  | 36.02 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 137460  | 35.72 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 252382  | 34.36 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.34 | 131 | 139     | 0.02  | ng/ul | -0.15 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 925874  | 38.24 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 1132114 | 38.48 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.49 | 143 | 22028   | 6.46  | ng/ul | 0.03  |
| 57) Fluorene-d10               | 15.21 | 176 | 810147  | 38.96 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 138984  | 28.95 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.07 | 188 | 1397723 | 40.51 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.38 | 212 | 1774469 | 38.97 | ng/ul | -0.01 |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264 | 2055207 | 42.36 | ng/ul | -0.02 |

## Target Compounds

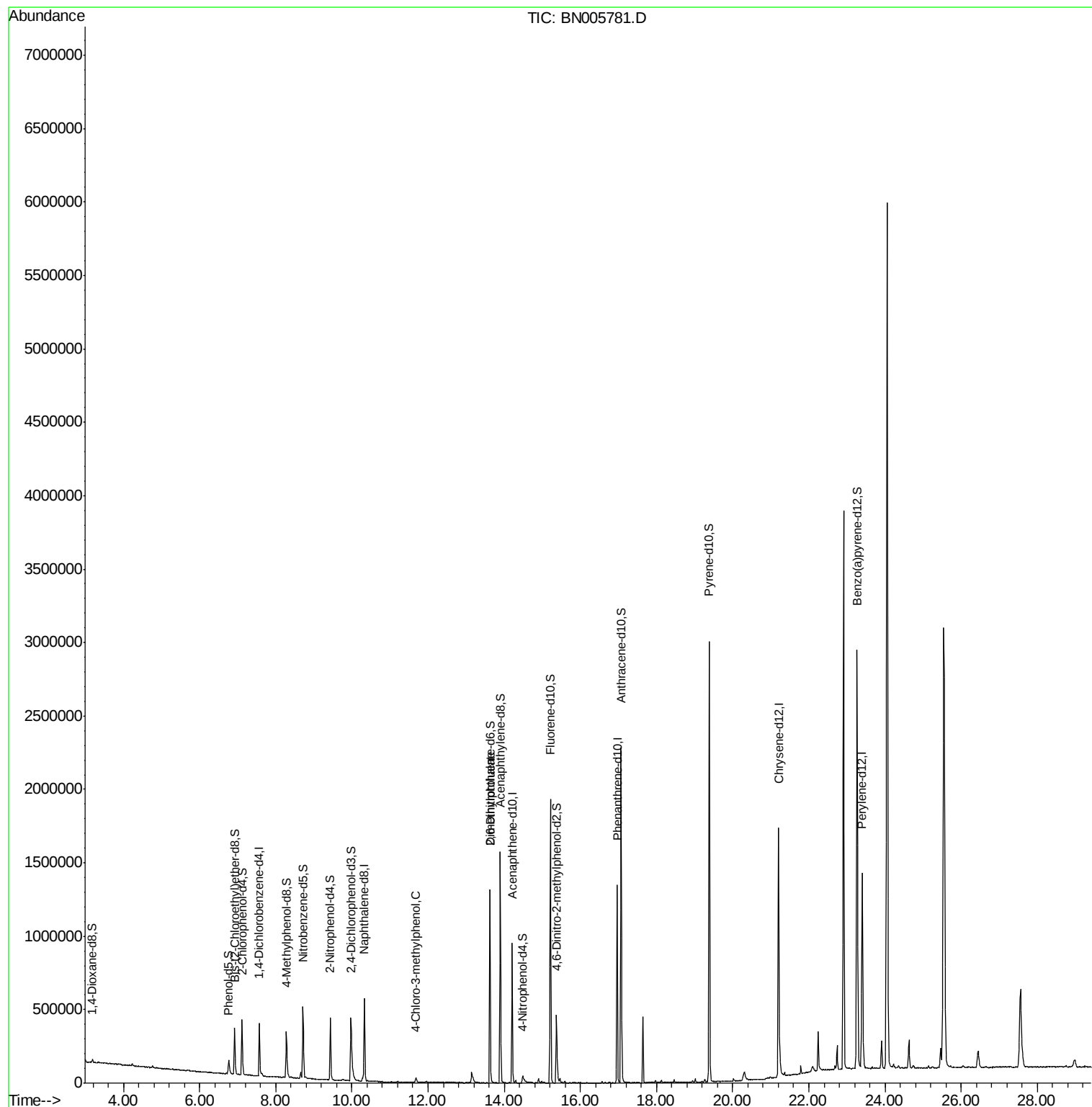
|                             |       |     |       |              | Qvalue |
|-----------------------------|-------|-----|-------|--------------|--------|
| 33) 4-Chloro-3-methylphenol | 11.68 | 107 | 18878 | 2.362 ng/ul# | 80     |
| 45) 2,6-Dinitrotoluene      | 13.63 | 165 | 5640  | 1.121 ng/ul# | 40     |

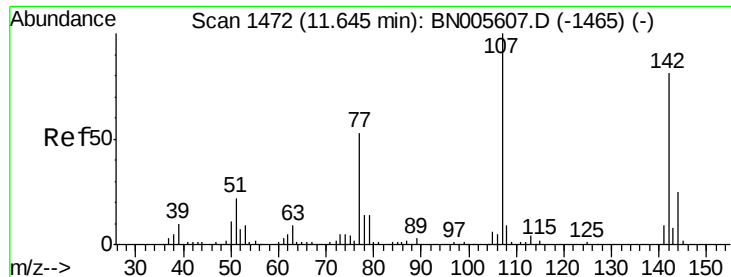
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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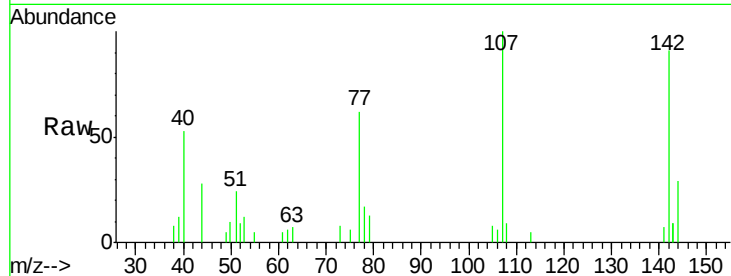




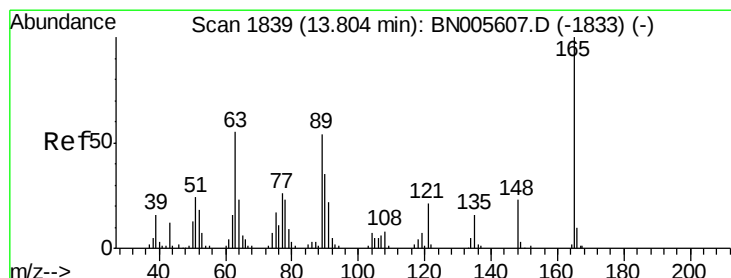
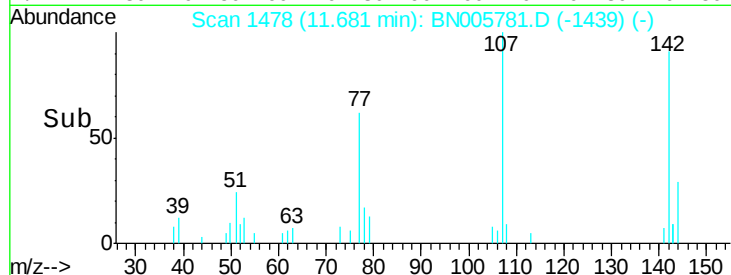
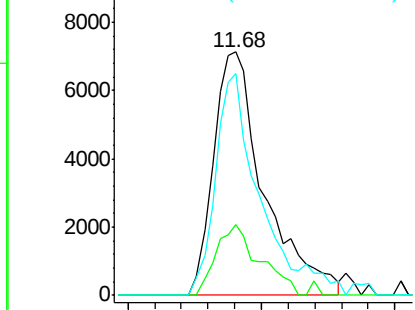
#33  
 4-Chloro-3-methylphenol  
 Concen: 2.362 ng/ul  
 RT: 11.68 min Scan# 1478  
 Delta R.T. 0.03 min  
 Lab File: BN005781.D  
 Acq: 19 May 2019 08:01

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Tgt Ion:107 Resp: 18878  
 Ion Ratio Lower Upper  
 107 100  
 144 29.3 19.4 29.0#  
 142 91.1 57.7 86.5#

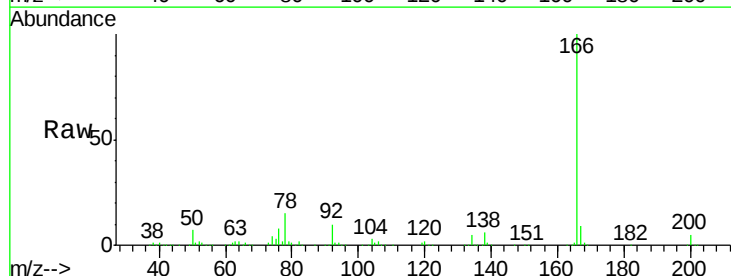


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E



#45  
 2,6-Dinitrotoluene  
 Concen: 1.121 ng/ul  
 RT: 13.63 min Scan# 1809  
 Delta R.T. -0.18 min  
 Lab File: BN005781.D  
 Acq: 19 May 2019 08:01

Tgt Ion:165 Resp: 5640  
 Ion Ratio Lower Upper  
 165 100  
 89 0.0 50.2 75.2#  
 121 21.5 19.4 29.2



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

