

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN083118\  
 Data File : BN002557.D  
 Acq On : 31 Aug 2018 13:24  
 Operator : JU/SJ  
 Sample : J4665-16  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 31 16:12:45 2018  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 25 04:34:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 144819   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 680812   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 437234   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.05 | 188  | 1041026  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.25 | 240  | 1133848  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.46 | 264  | 1045843  | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| System Monitoring Compounds    |       |     |         |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 19806   | 6.46  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 97253   | 7.32  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 279878  | 33.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 280896  | 27.77 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 183148  | 17.25 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 175621  | 32.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 195916  | 34.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 323921  | 30.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 24489   | 2.16  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.71 | 166 | 1312543 | 36.21 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.99 | 160 | 1567132 | 35.24 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 32008   | 4.67  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.29 | 176 | 1134535 | 36.10 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 182189  | 27.49 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.15 | 188 | 1863365 | 37.47 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.45 | 212 | 2083206 | 38.40 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.32 | 264 | 2062312 | 37.71 | ng/ul | 0.00 |

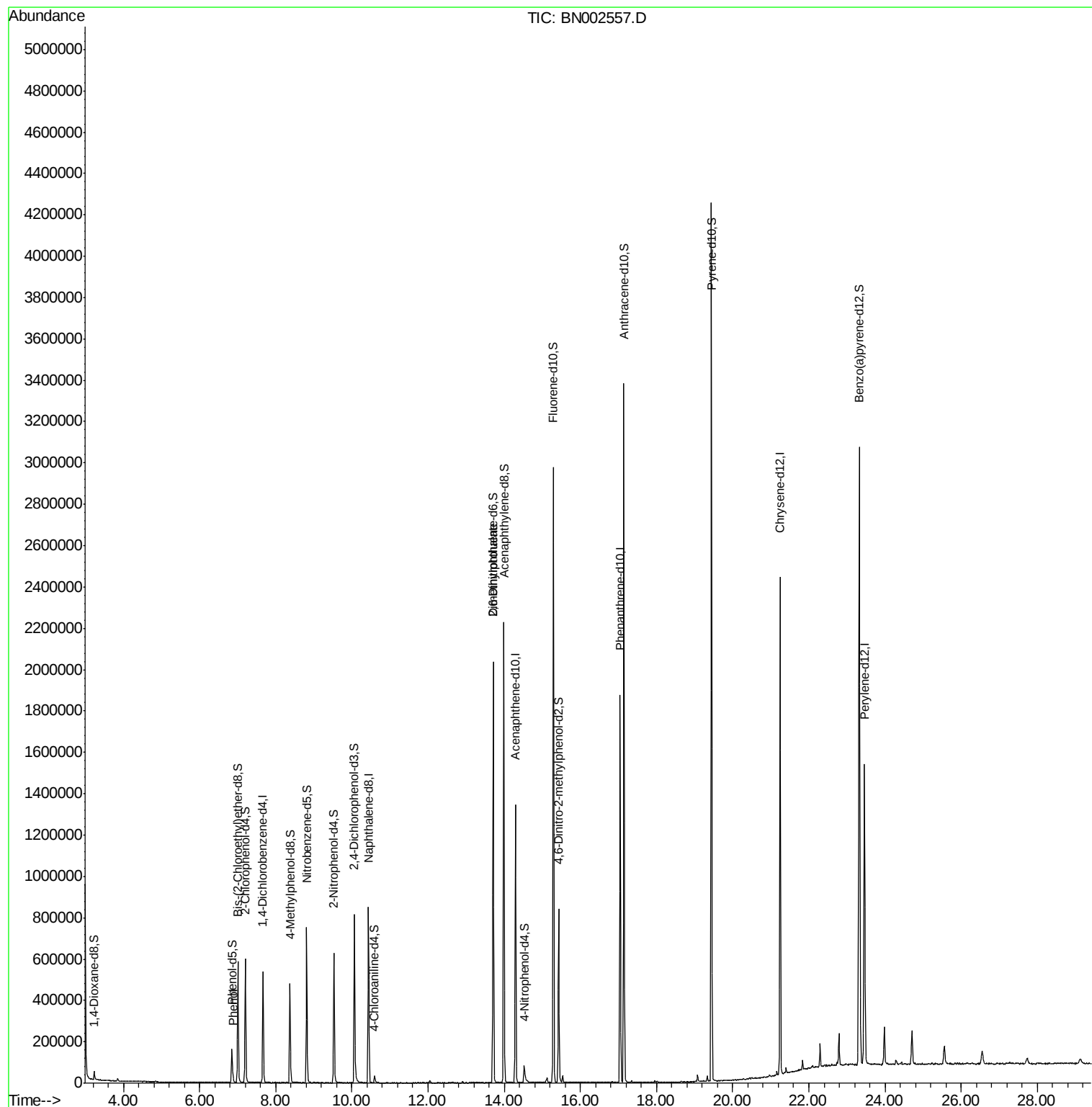
|                        |       |     |       |       |        |    |
|------------------------|-------|-----|-------|-------|--------|----|
| Target Compounds       |       |     |       |       | Ovalue |    |
| 6) Phenol              | 6.88  | 94  | 14216 | 1.051 | ng/ul  | 90 |
| 45) 2,6-Dinitrotoluene | 13.72 | 165 | 7909  | 1.101 | ng/ul# | 40 |

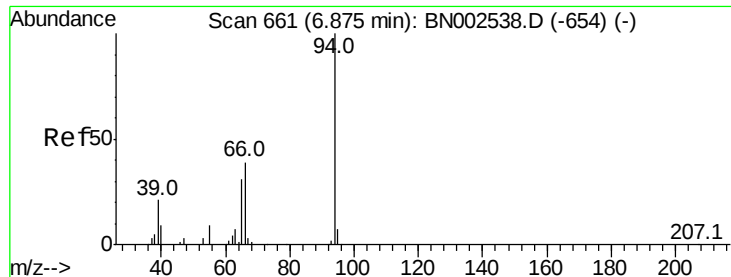
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.051 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002557.D

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Instrument :

BNA\_N

ClientSampleId :

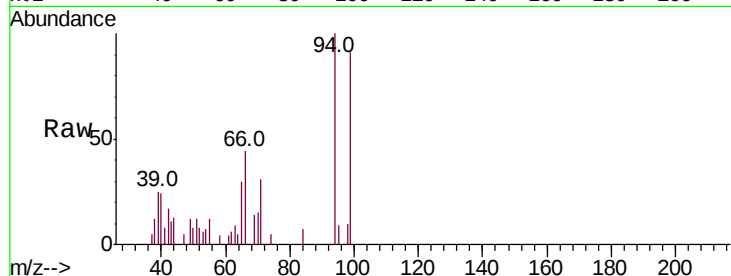
Tot Ion: 94 Resp: 14216

Ion Ratio Lower Upper

94 100

65 30.1 21.0 31.6

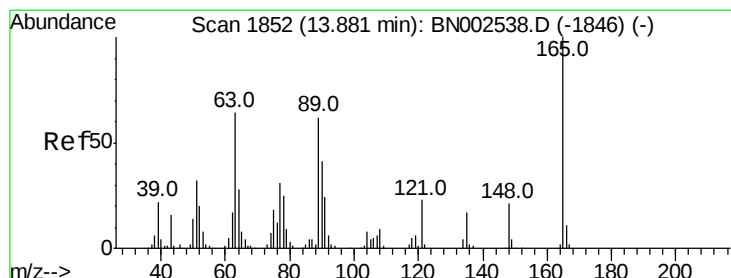
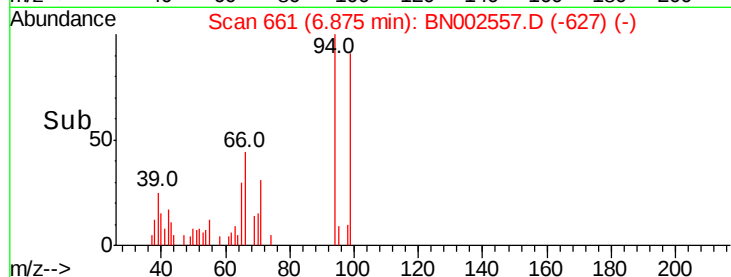
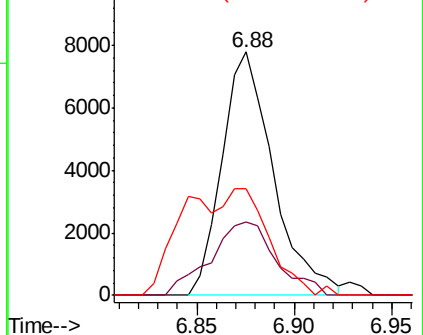
66 43.9 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN002538.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BN002538.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BN002538.D (-654) (-)



#45

2,6-Dinitrotoluene

Concen: 1.101 ng/ul

RT: 13.72 min Scan# 1824

Delta R.T. -0.17 min

Lab File: BN002557.D

Acq: 31 Aug 2018 13:24

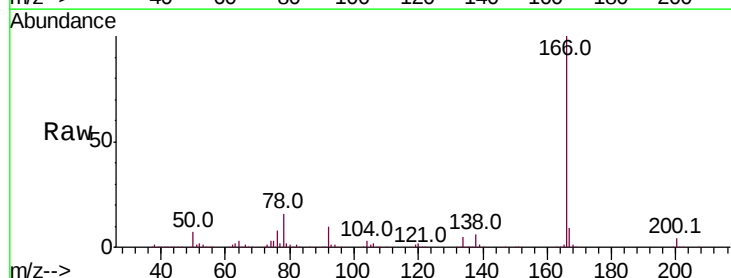
Tgt Ion:165 Resp: 7909

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

121 30.6 16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): BN002538.D (-1846) (-)

Ion 89.00 (88.70 to 89.70): BN002538.D (-1846) (-)

Ion 121.00 (120.70 to 121.70): BN002538.D (-1846) (-)

