

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082018\  
 Data File : BN002438.D  
 Acq On : 21 Aug 2018 00:17  
 Operator : JU/SJ  
 Sample : J4514-04  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 21 04:18:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 21 01:54:59 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 166754   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 797079   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 510961   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.05 | 188  | 1211578  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.25 | 240  | 1316443  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.47 | 264  | 1373700  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96   | 23296    | 6.59  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.85  | 99   | 121698   | 7.96  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67   | 309236   | 32.20 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.21  | 132  | 303530   | 26.06 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.38  | 113  | 211974   | 17.34 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.82  | 128  | 204563   | 32.24 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.53  | 143  | 216486   | 32.44 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165  | 347040   | 28.30 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.60 | 131  | 17984    | 1.36  | ng/ul | 0.02     |
| 43) Dimethylphthalate-d6       | 13.72 | 166  | 1416539  | 33.44 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.99 | 160  | 1729568  | 33.29 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.52 | 143  | 43529    | 5.44  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.30 | 176  | 1240299  | 33.77 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200  | 201032   | 26.06 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.15 | 188  | 1977261  | 34.16 | ng/ul | 0.00     |
| 78) Pyrene-d10                 | 19.45 | 212  | 2213065  | 35.13 | ng/ul | 0.00     |
| 89) Benzo(a)pyrene-d12         | 23.33 | 264  | 2450652  | 34.12 | ng/ul | 0.00     |

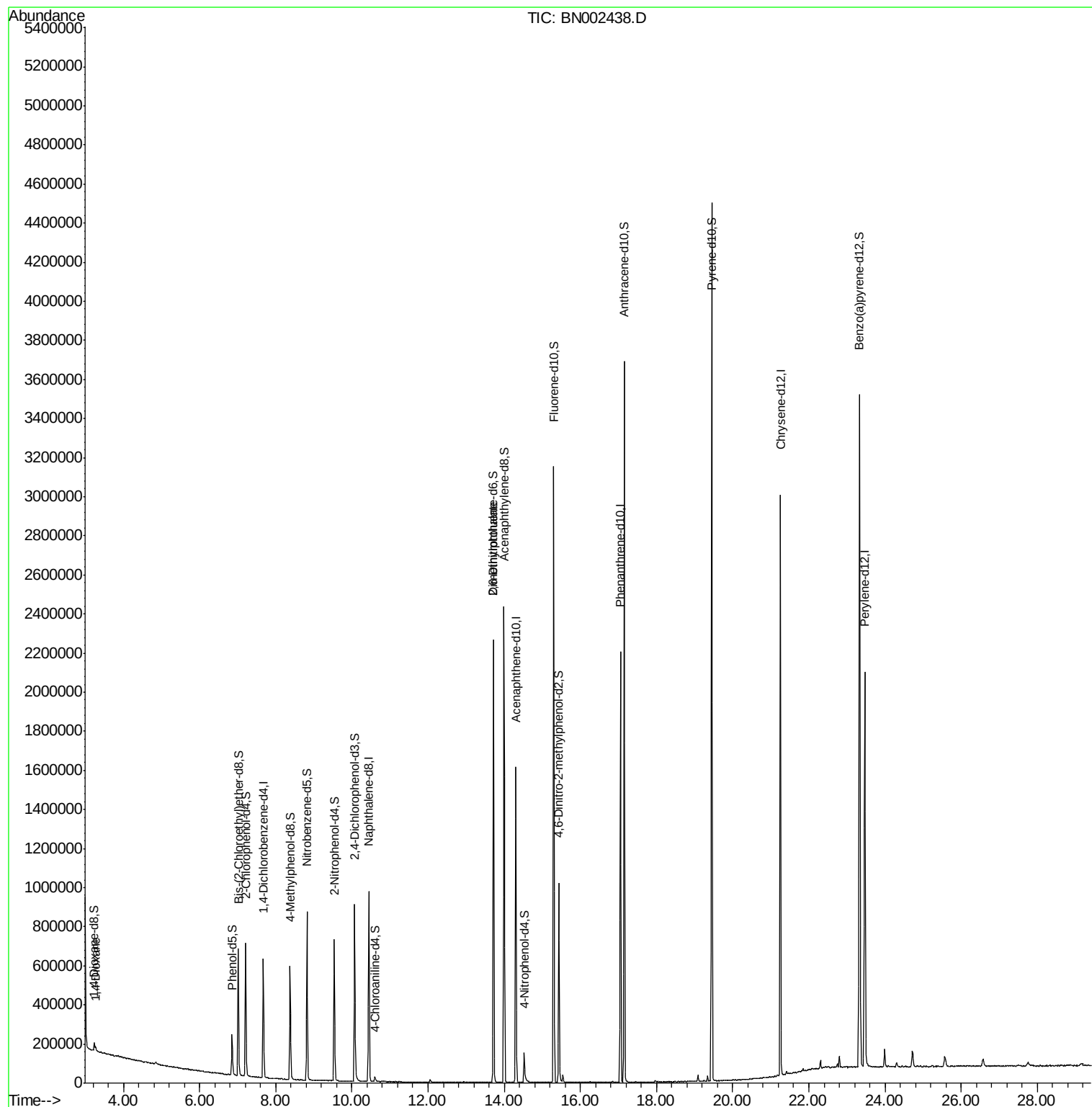
| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 2) 1,4-Dioxane         | 3.27  | 88   | 11365    | 3.007 | ng/uL  | 97     |
| 45) 2,6-Dinitrotoluene | 13.72 | 165  | 8953     | 1.067 | ng/ul# | 39     |

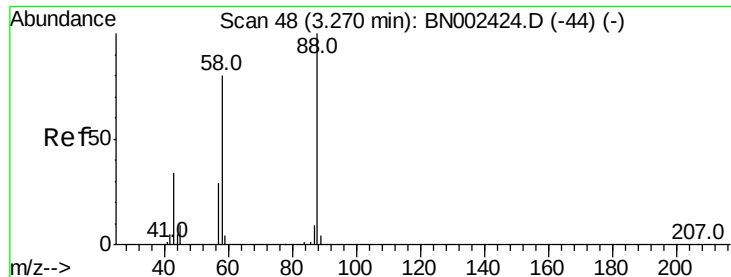
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.007 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. 0.00 min

Lab File: BN002438.D

Acq: 21 Aug 2018 00:17

Instrument :

BNA\_N

ClientSampled :

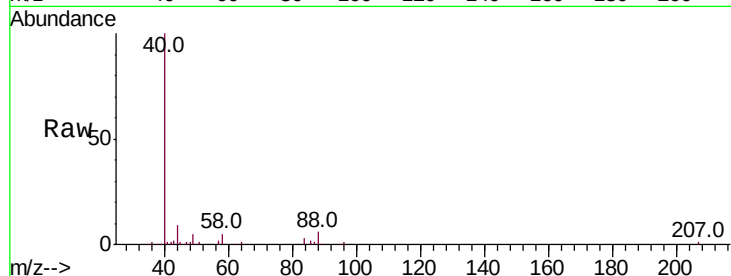
Tot Ion: 88 Resp: 11365

Ion Ratio Lower Upper

88 100

43 40.6 32.0 48.0

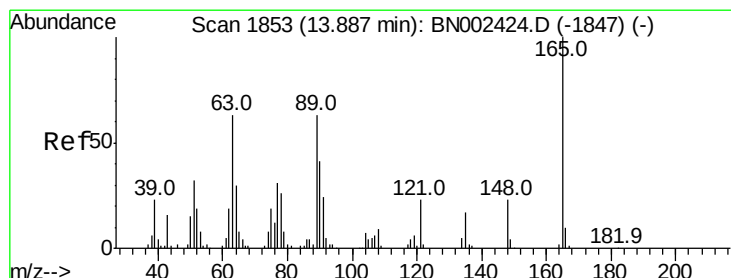
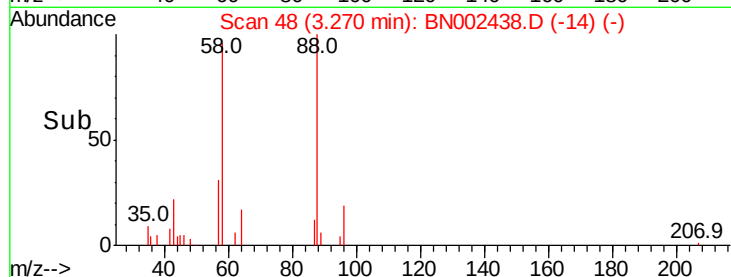
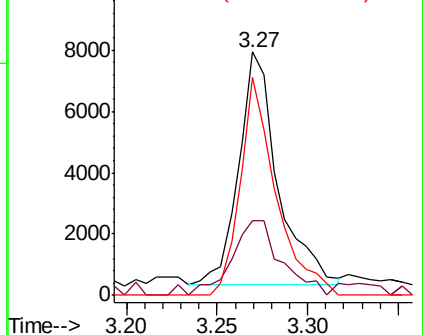
58 85.9 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BN002424.D (-44) (-)

Ion 43.00 (42.70 to 43.70): BN002424.D (-44) (-)

Ion 58.00 (57.70 to 58.70): BN002424.D (-44) (-)



#45

2,6-Dinitrotoluene

Concen: 1.067 ng/uL

RT: 13.72 min Scan# 1825

Delta R.T. -0.16 min

Lab File: BN002438.D

Acq: 21 Aug 2018 00:17

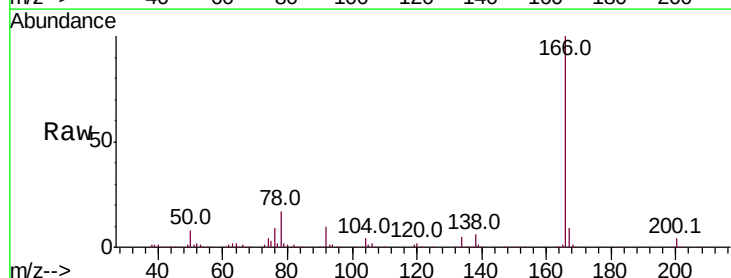
Tgt Ion: 165 Resp: 8953

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

121 32.9 16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): BN002424.D (-1847) (-)

Ion 89.00 (88.70 to 89.70): BN002424.D (-1847) (-)

Ion 121.00 (120.70 to 121.70): BN002424.D (-1847) (-)

