

Data File : BN003574.D  
Acq On : 16 Nov 2018 21:18  
Operator : MJ/SJ  
Sample : J5928-20  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40S2

Quant Time: Nov 16 22:21:51 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN111418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Nov 16 22:18:27 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 100908   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.64 | 136  | 458462   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.47 | 164  | 281335   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.22 | 188  | 652167   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.40 | 240  | 727588   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.71 | 264  | 742169   | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| System Monitoring Compounds    |       |     |         |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 3015    | 1.41  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.99  | 99  | 61700   | 7.39  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.18  | 67  | 165031  | 35.02 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.37  | 132 | 196667  | 27.58 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 121049  | 17.28 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 123693  | 34.81 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.72  | 143 | 141540  | 35.79 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.25 | 165 | 233731  | 30.70 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.64 | 131 | 274     | 0.04  | ng/ul | -0.13 |
| 43) Dimethylphthalate-d6       | 13.88 | 166 | 834347  | 35.78 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.17 | 160 | 1024297 | 35.31 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.66 | 143 | 28884   | 6.18  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.47 | 176 | 735728  | 37.62 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 136399  | 29.77 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.32 | 188 | 1154416 | 36.03 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.61 | 212 | 1298182 | 35.94 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.56 | 264 | 1445869 | 35.99 | ng/ul | 0.00  |

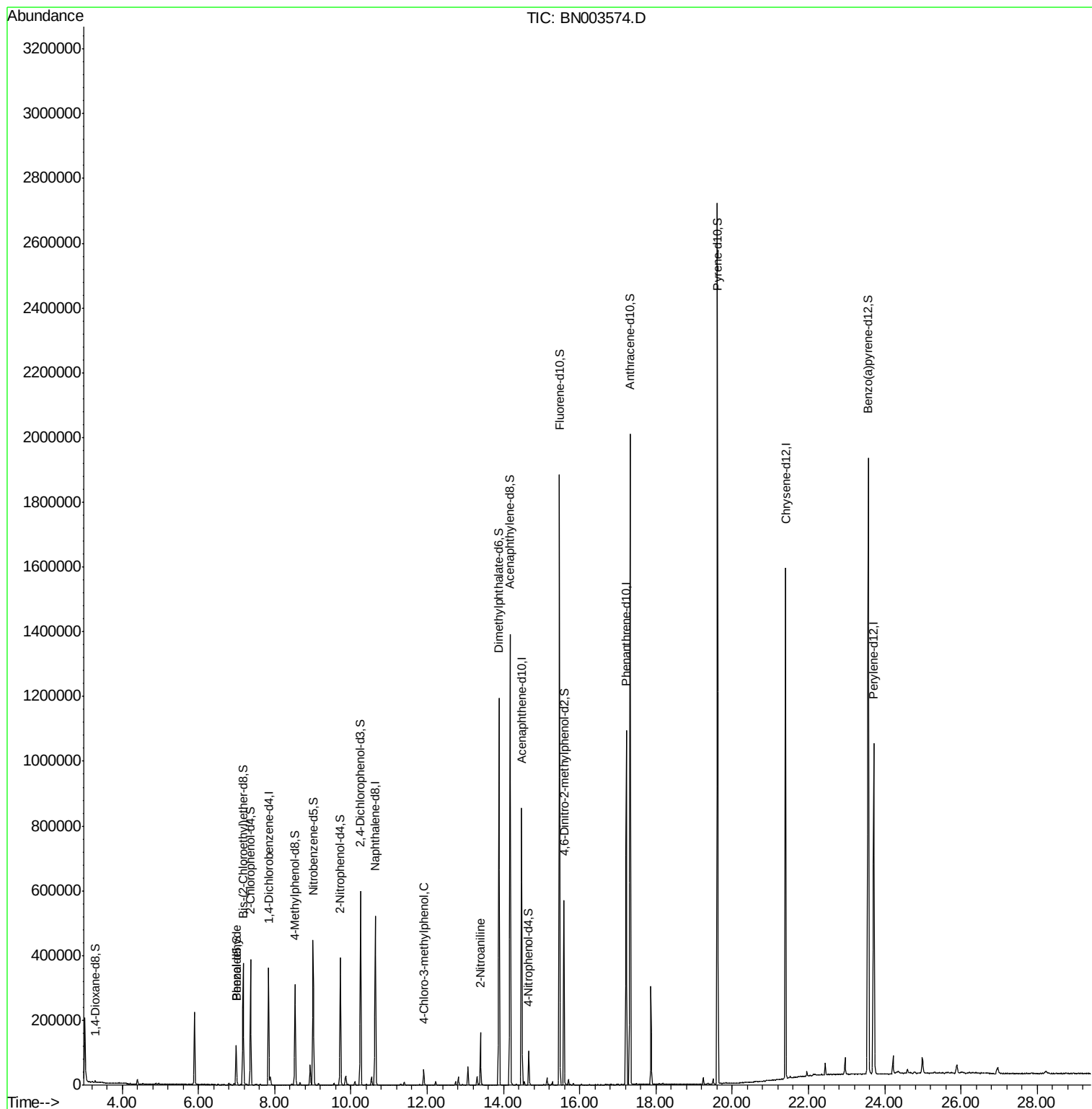
|                             |       |     |       |        |        |    |
|-----------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds            |       |     |       | Qvalue |        |    |
| 4) Benzaldehyde             | 6.99  | 77  | 8547  | 5.799  | ng/ul  | 98 |
| 33) 4-Chloro-3-methylphenol | 11.91 | 107 | 18628 | 2.609  | ng/ul  | 97 |
| 42) 2-Nitroaniline          | 13.40 | 65  | 4564  | 1.068  | ng/ul# | 7  |

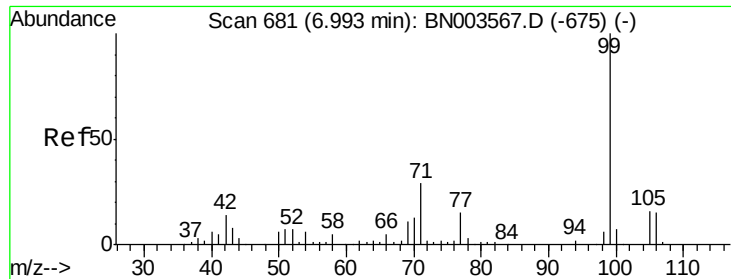
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 5.799 ng/ul

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

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BNA\_N

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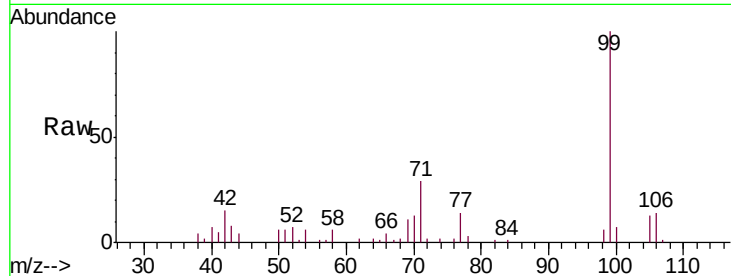
Tgt Ion: 77 Resp: 8547

Ion Ratio Lower Upper

77 100

105 96.7 80.7 121.1

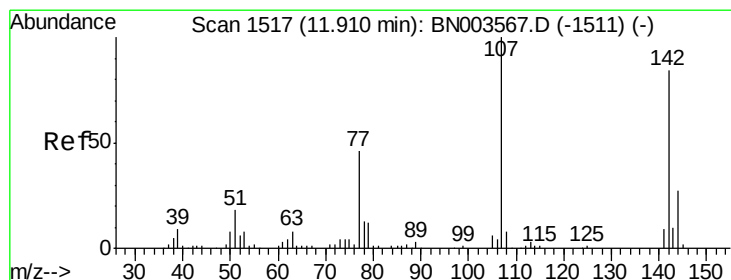
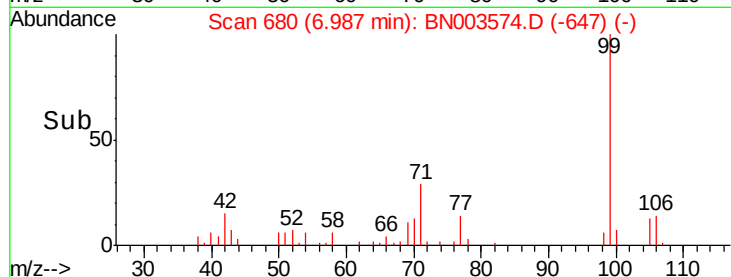
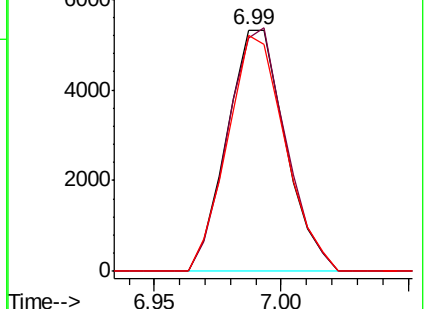
106 97.7 78.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#33

4-Chloro-3-methylphenol

Concen: 2.609 ng/ul

RT: 11.91 min Scan# 1517

Delta R.T. 0.00 min

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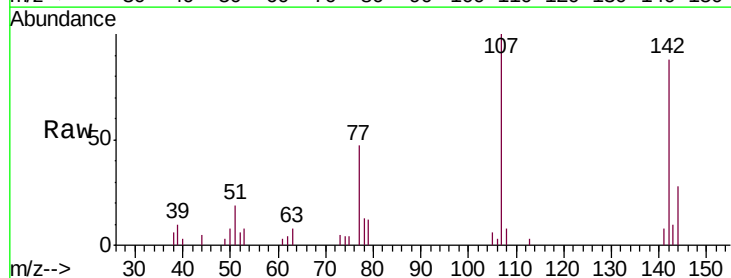
Tgt Ion: 107 Resp: 18628

Ion Ratio Lower Upper

107 100

144 27.9 22.2 33.4

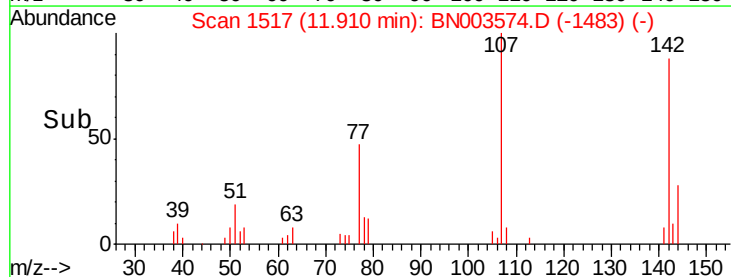
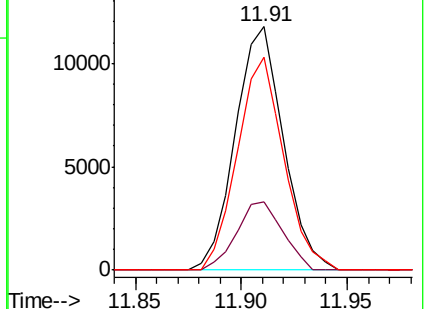
142 87.5 67.3 100.9

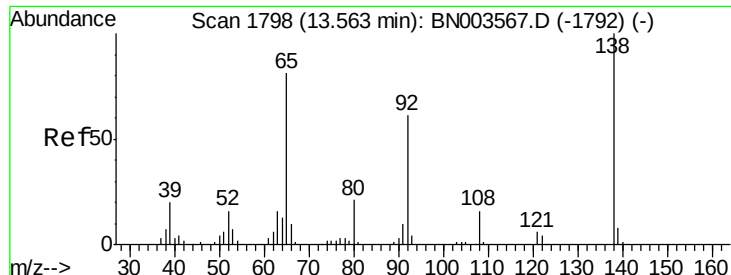


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#42  
 2-Nitroaniline  
 Concen: 1.068 ng/ul  
 RT: 13.40 min Scan# 1770  
 Delta R.T. -0.16 min  
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Tgt Ion: 65 Resp: 4564  
 Ion Ratio Lower Upper  
 65 100  
 92 20.3 58.2 87.4#  
 138 0.0 101.1 151.7#

