

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG110615\  
 Data File : BG019526.D  
 Acq On : 7 Nov 2015 00:00  
 Operator : UM/NP  
 Sample : G4291-06  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCY76

Quant Time: Nov 07 01:29:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 06 23:58:14 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 37466    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.01 | 136  | 154153   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.81 | 164  | 124089   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.55 | 188  | 352801   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.83 | 240  | 461945   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.18 | 264  | 436019   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.49  | 96   | 1040     | 1.33  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.32  | 99   | 25783    | 7.50  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67   | 79787    | 36.59 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.70  | 132  | 60208    | 28.04 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.88  | 113  | 45104    | 16.46 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.35  | 128  | 41458    | 36.59 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.08 | 143  | 47090    | 35.01 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.62 | 165  | 92147    | 31.58 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0        | 0.00  | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 14.20 | 166  | 354768   | 34.68 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.51 | 160  | 393907   | 34.76 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.99 | 143  | 11056    | 6.80  | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.79 | 176  | 321545   | 33.97 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 200  | 69906    | 30.61 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.65 | 188  | 552722   | 34.37 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.92 | 212  | 670890   | 33.19 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.95 | 264  | 759079   | 34.69 | ng/ul | 0.00     |

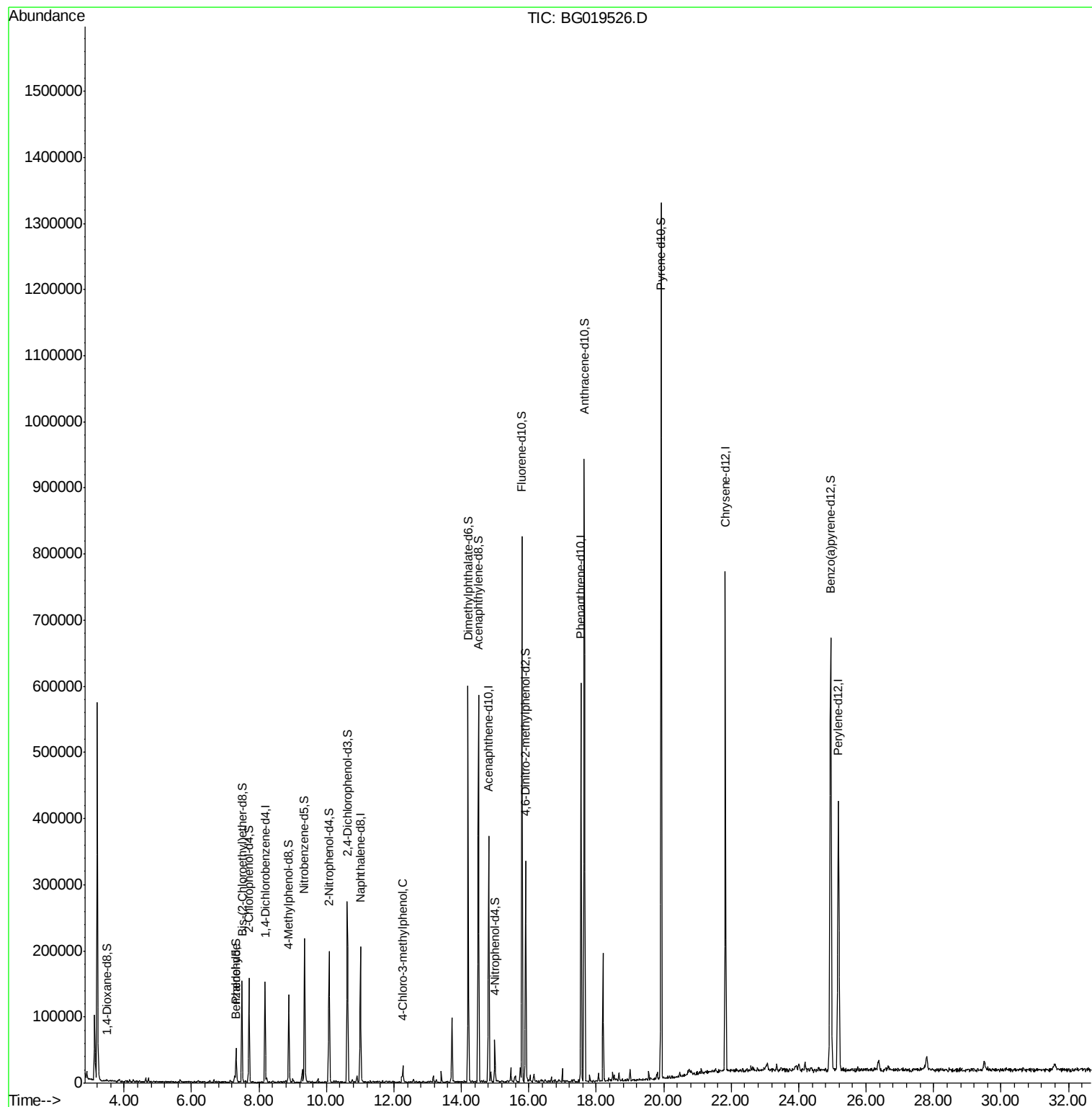
| Target Compounds            | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|-----------------------------|-------|------|----------|------|--------|--------|
| 4) Benzaldehyde             | 7.30  | 77   | 3754     | 1.68 | ng/ul  | 95     |
| 33) 4-Chloro-3-methylphenol | 12.27 | 107  | 8258     | 2.21 | ng/ul# | 66     |

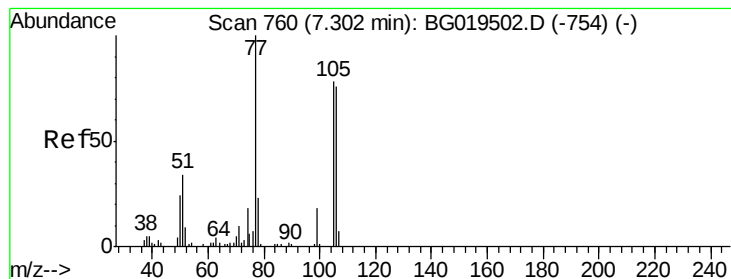
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.68 ng/ul

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

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Instrument :

BNA\_G

ClientSampleId :

BCY76

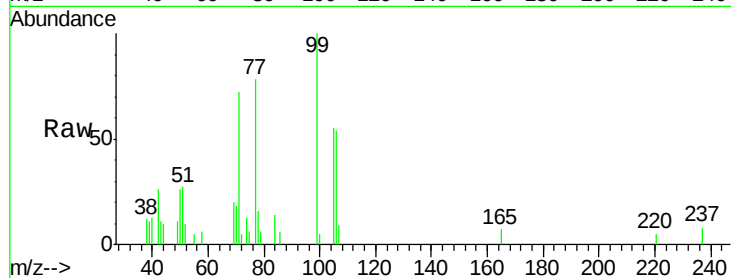
Tgt Ion: 77 Resp: 3754

Ion Ratio Lower Upper

77 100

105 70.6 61.6 92.4

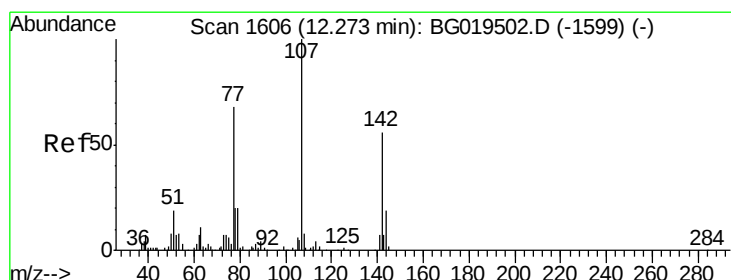
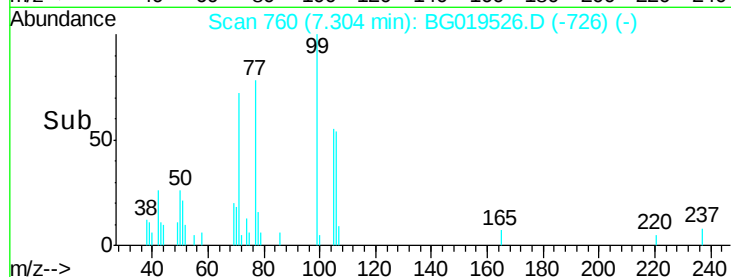
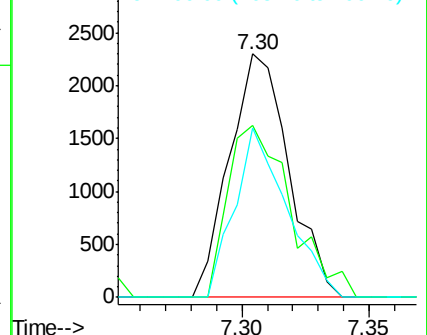
106 69.3 56.4 84.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 2.21 ng/ul

RT: 12.27 min Scan# 1605

Delta R.T. -0.00 min

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Acq: 7 Nov 2015 00:00

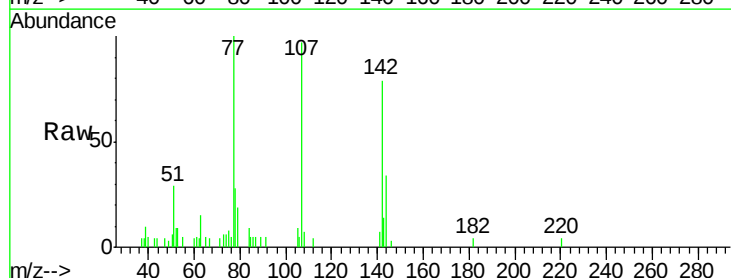
Tgt Ion: 107 Resp: 8258

Ion Ratio Lower Upper

107 100

144 34.9 13.0 19.6#

142 81.8 47.0 70.6#



Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC

