

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG101716\  
 Data File : BG024398.D  
 Acq On : 18 Oct 2016 00:46  
 Operator : UM/SJ  
 Sample : H5241-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDNC3

Quant Time: Oct 18 01:58:15 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG0100716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 15 05:09:35 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.29  | 152  | 159569   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.11 | 136  | 749141   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.90 | 164  | 628943   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.64 | 188  | 1338722  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.93 | 240  | 1506278  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.38 | 264  | 1532040  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.66  | 96  | 8719    | 2.59  | ng/uL | 0.02 |
| 5) Phenol-d5                   | 7.41  | 99  | 181439  | 12.19 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.60  | 67  | 141653  | 14.07 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.81  | 132 | 140621  | 13.72 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.97  | 113 | 133648  | 11.10 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.46  | 128 | 77057   | 14.49 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.18 | 143 | 94919   | 15.96 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.71 | 165 | 169026  | 13.05 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.24 | 131 | 204359  | 15.01 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.29 | 166 | 633290  | 14.42 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.60 | 160 | 740087  | 14.71 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 90955   | 11.68 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.88 | 176 | 602163  | 14.50 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 98319   | 12.22 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.74 | 188 | 901896  | 14.91 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.01 | 212 | 1050432 | 14.94 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.14 | 264 | 1044055 | 15.15 | ng/ul | 0.00 |

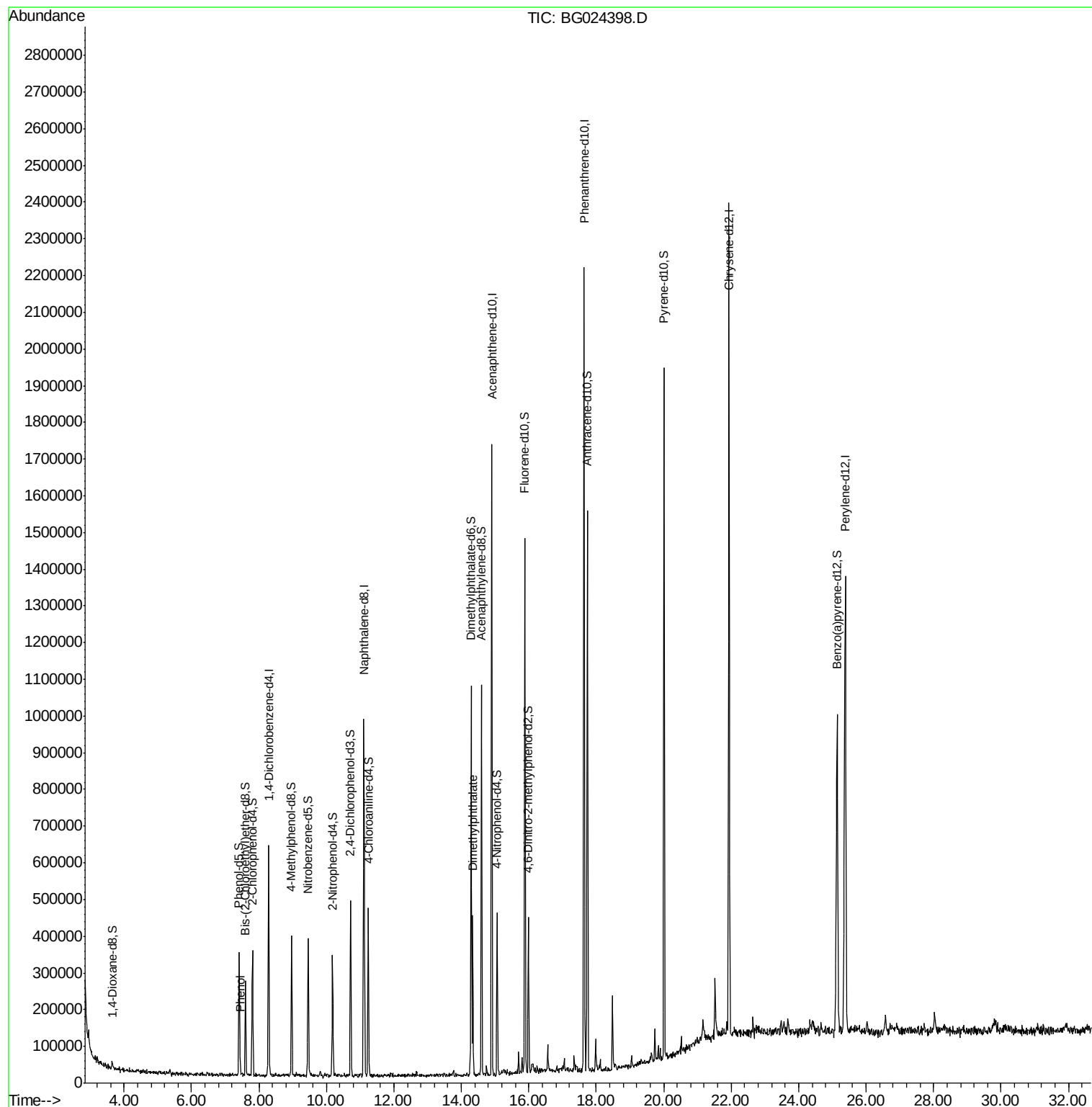
| Target Compounds      |       |     |        |      |        | Qvalue |
|-----------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol             | 7.45  | 94  | 16976  | 1.12 | ng/ul# | 89     |
| 44) Dimethylphthalate | 14.34 | 163 | 264730 | 6.15 | ng/ul# | 98     |

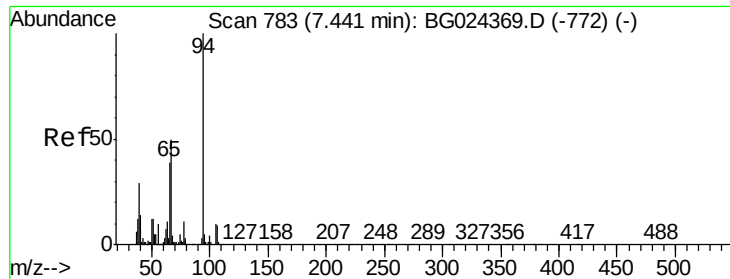
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.12 ng/ul

RT: 7.45 min Scan# 784

Delta R.T. 0.00 min

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Acq: 18 Oct 2016 00:46

Instrument :

BNA\_G

ClientSampled :

BDNC3

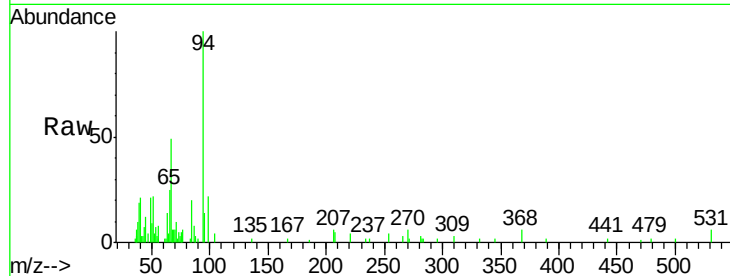
Tgt Ion: 94 Resp: 16976

Ion Ratio Lower Upper

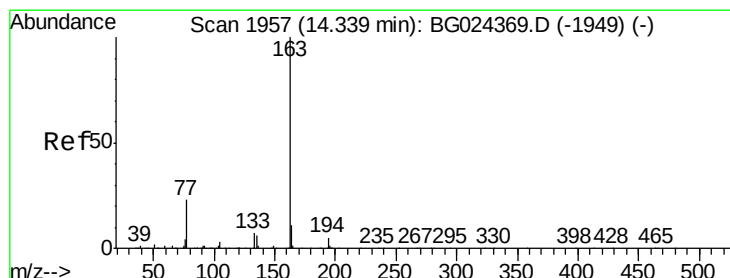
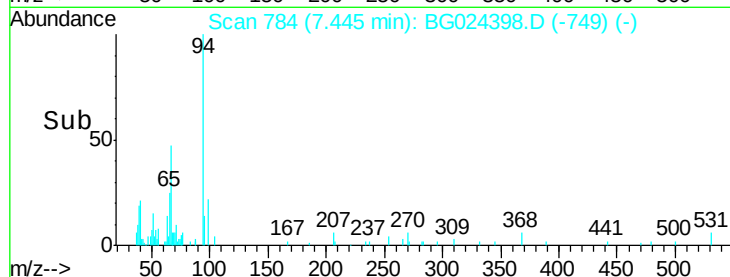
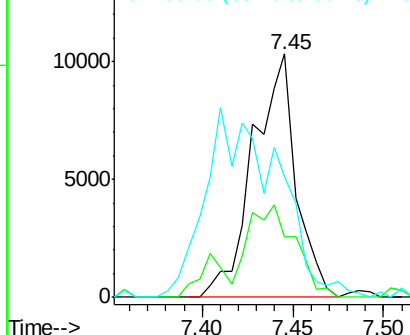
94 100

65 25.0 26.8 40.2#

66 49.4 44.4 66.6



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 6.15 ng/ul

RT: 14.34 min Scan# 1957

Delta R.T. -0.00 min

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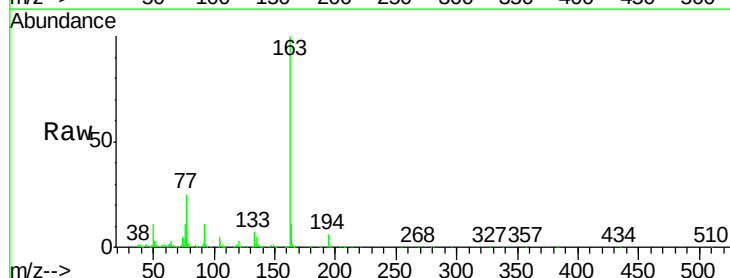
Tgt Ion: 163 Resp: 264730

Ion Ratio Lower Upper

163 100

194 6.1 3.4 5.0#

164 11.1 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

