

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\  
 Data File : BG024874.D  
 Acq On : 22 Nov 2016 1:00  
 Operator : UM/SJ  
 Sample : H5694-16  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHSS5

Quant Time: Nov 22 02:11:58 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 22 01:29:33 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.26  | 152  | 108883   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.09 | 136  | 506350   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.88 | 164  | 430688   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.62 | 188  | 895979   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.92 | 240  | 1115010  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.35 | 264  | 1151730  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.62  | 96  | 8619    | 4.10  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.40  | 99  | 221586  | 23.75 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.57  | 67  | 145361  | 24.77 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.79  | 132 | 158373  | 23.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 196380  | 25.07 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.44  | 128 | 86110   | 22.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.16 | 143 | 108466  | 23.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165 | 208548  | 22.89 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.22 | 131 | 255794  | 25.14 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.27 | 166 | 719243  | 22.90 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.58 | 160 | 841803  | 24.60 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.05 | 143 | 104656  | 18.73 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.86 | 176 | 667475  | 22.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.98 | 200 | 97327   | 15.80 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.72 | 188 | 967991  | 24.46 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.99 | 212 | 1183323 | 24.48 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.11 | 264 | 1270762 | 25.20 | ng/ul | 0.00 |

## Target Compounds

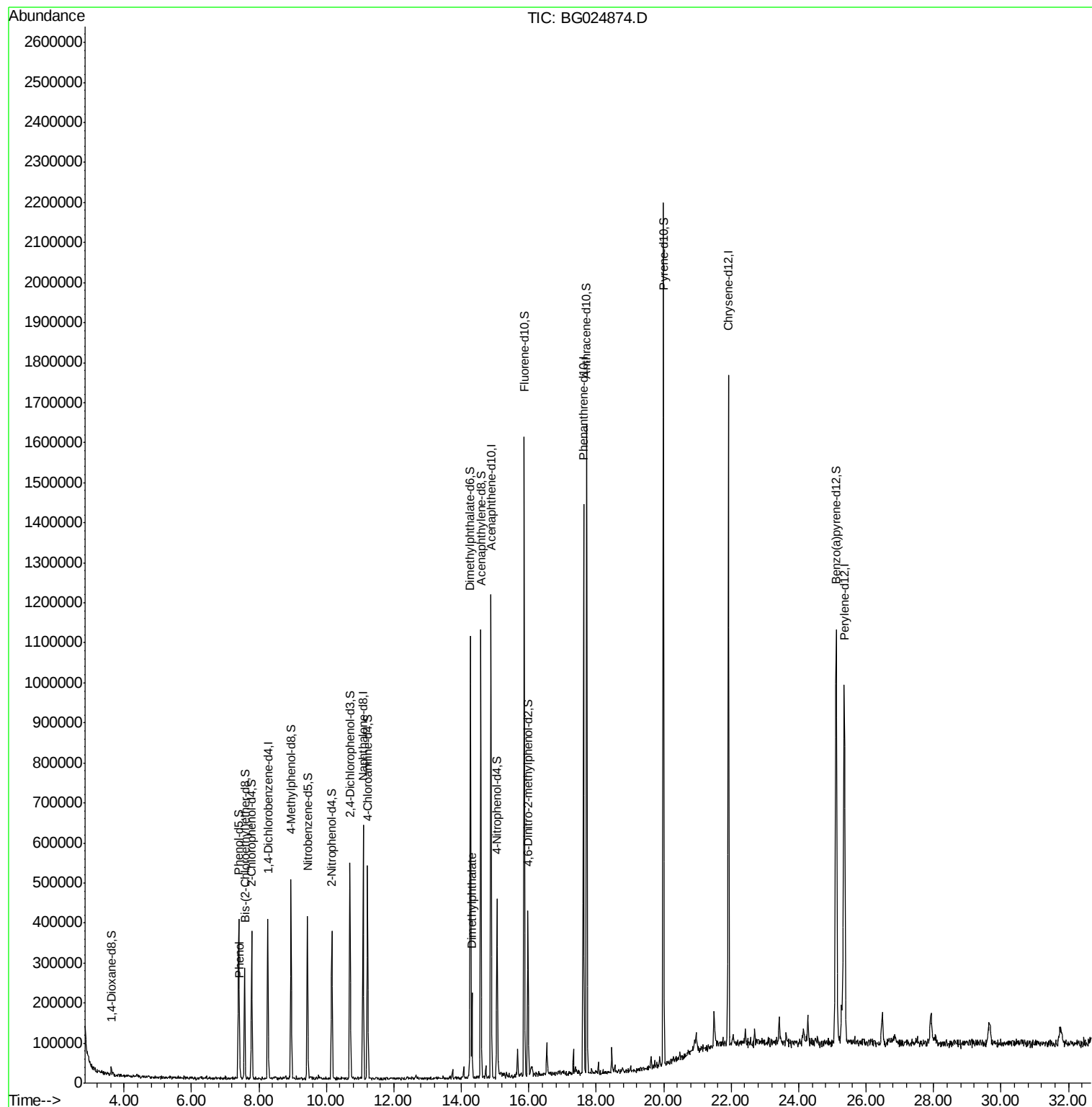
|                       |       |     |        |      |       | Ovalue |
|-----------------------|-------|-----|--------|------|-------|--------|
| 6) Phenol             | 7.42  | 94  | 30196  | 3.10 | ng/ul | 98     |
| 44) Dimethylphthalate | 14.31 | 163 | 129389 | 4.29 | ng/ul | 96     |

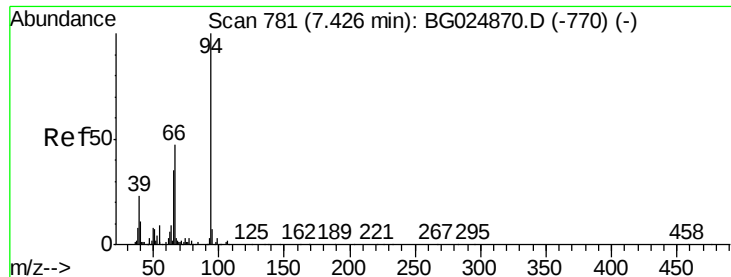
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.10 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG024874.D

Acq: 22 Nov 2016 1:00

Instrument :

BNA\_G

ClientSampleId :

JHSS5

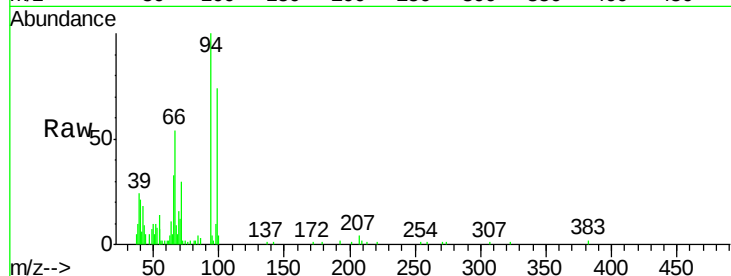
Tot Ion: 94 Resp: 30196

Ion Ratio Lower Upper

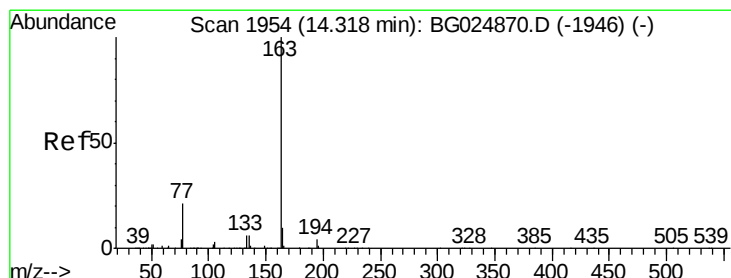
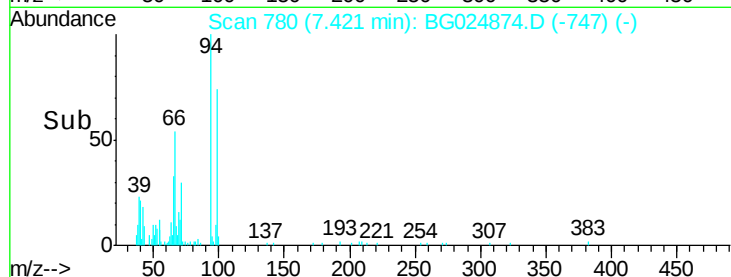
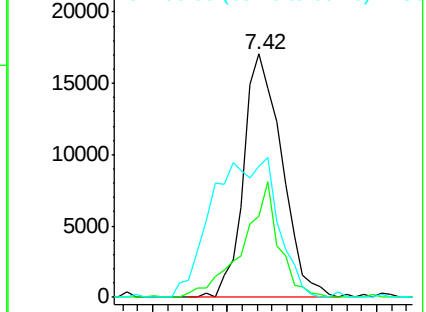
94 100

65 33.0 26.8 40.2

66 53.8 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: 4.29 ng/ul

RT: 14.31 min Scan# 1953

Delta R.T. -0.00 min

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Acq: 22 Nov 2016 1:00

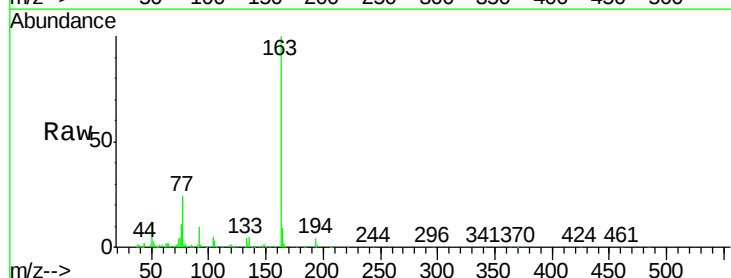
Tgt Ion:163 Resp: 129389

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 9.1 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

