

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG101816\  
 Data File : BG024431.D  
 Acq On : 18 Oct 2016 22:34  
 Operator : UM/SJ  
 Sample : H5223-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDNH5

Quant Time: Oct 19 02:11:02 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG0100716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 19 02:09:29 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 174820   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.11 | 136  | 842880   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.90 | 164  | 709487   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.64 | 188  | 1444724  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.94 | 240  | 1645525  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.38 | 264  | 1757978  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.64  | 96  | 10595   | 2.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.41  | 99  | 308623  | 18.92 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.60  | 67  | 189371  | 17.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.81  | 132 | 205814  | 18.32 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.97  | 113 | 247702  | 18.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.45  | 128 | 110412  | 18.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.19 | 143 | 135545  | 20.25 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.72 | 165 | 283304  | 19.44 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.24 | 131 | 270919  | 17.69 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.29 | 166 | 960088  | 19.38 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.59 | 160 | 1127736 | 19.87 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 164482  | 18.73 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.89 | 176 | 907913  | 19.38 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 177337  | 20.42 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.74 | 188 | 1333671 | 20.44 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.01 | 212 | 1584329 | 20.63 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.14 | 264 | 1672544 | 21.15 | ng/ul | 0.00 |

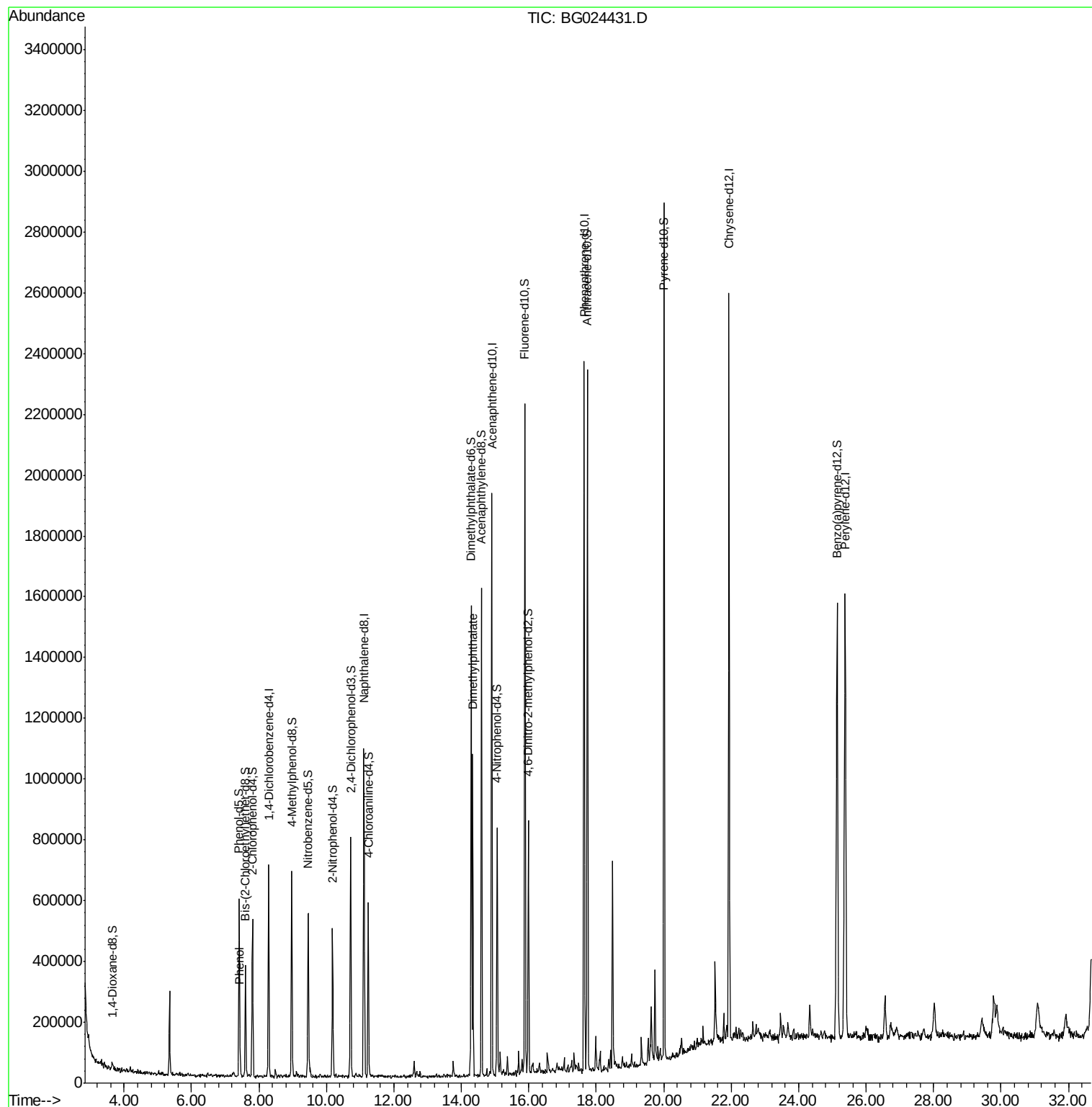
| Target Compounds      |       |     |        |       |       | Qvalue |
|-----------------------|-------|-----|--------|-------|-------|--------|
| 6) Phenol             | 7.44  | 94  | 27815  | 1.68  | ng/ul | 95     |
| 44) Dimethylphthalate | 14.34 | 163 | 614686 | 12.65 | ng/ul | 99     |

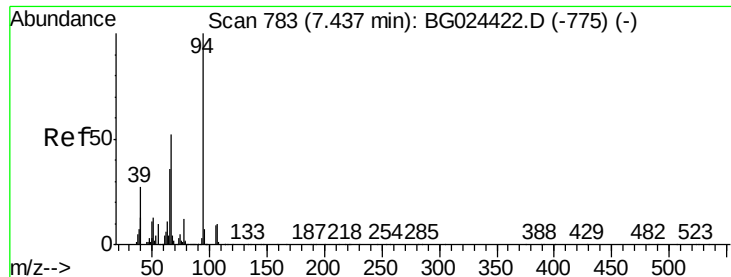
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.68 ng/ul

RT: 7.44 min Scan# 783

Delta R.T. 0.00 min

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ClientSampleId :

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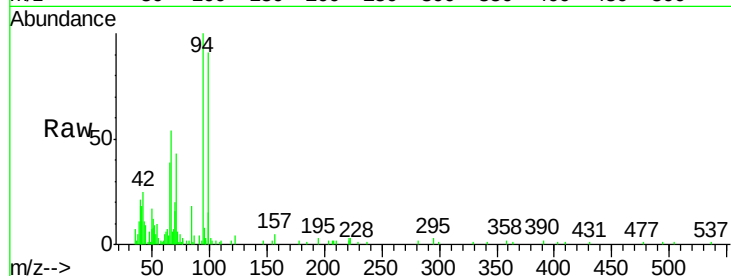
Tgt Ion: 94 Resp: 27815

Ion Ratio Lower Upper

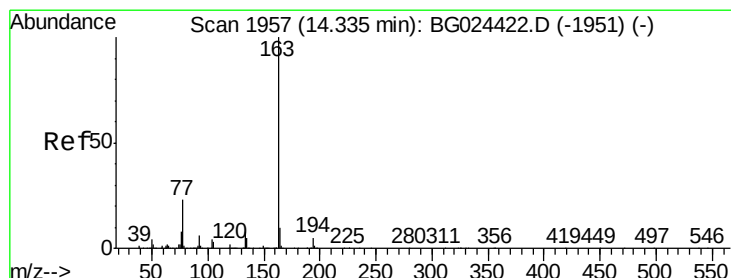
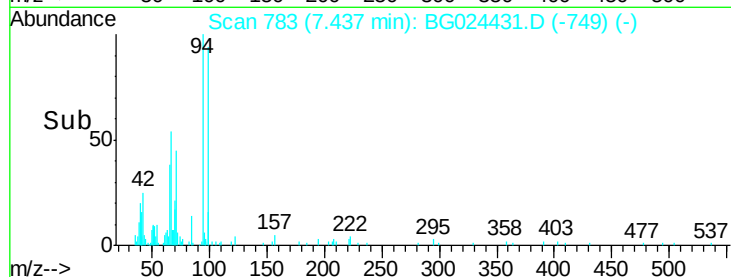
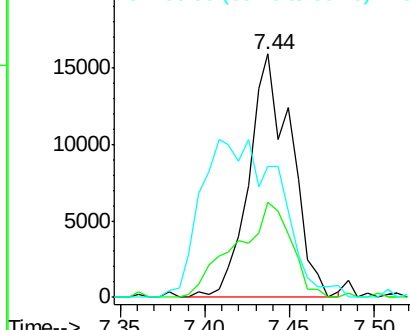
94 100

65 38.9 26.8 40.2

66 53.6 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: 12.65 ng/ul

RT: 14.34 min Scan# 1957

Delta R.T. 0.00 min

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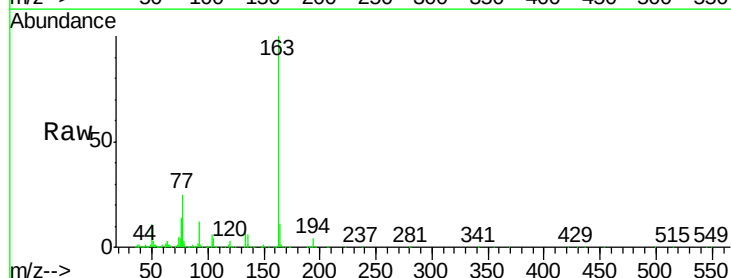
Tgt Ion: 163 Resp: 614686

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.8 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

