

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\  
 Data File : BG024287.D  
 Acq On : 12 Oct 2016 5:51  
 Operator : UM/SJ  
 Sample : H5113-14  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDP59

Manual Integrations  
 APPROVED

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 10/12/2016 4:12:31 PM

Quant Time: Oct 12 07:04:28 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 12 05:31:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.29  | 152  | 152799   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.12 | 136  | 636405   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.91 | 164  | 534995   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.64 | 188  | 1111635  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.94 | 240  | 1185163  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.39 | 264  | 1227281  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.65  | 96  | 14042m  | 4.36  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.41  | 99  | 382208  | 26.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.60  | 67  | 273707  | 28.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.81  | 132 | 278515  | 28.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.98  | 113 | 308530  | 26.77 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.46  | 128 | 141989  | 31.44 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.19 | 143 | 176950  | 35.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.72 | 165 | 335688  | 30.50 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.24 | 131 | 423712  | 36.65 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.30 | 166 | 1203682 | 32.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.61 | 160 | 1389062 | 32.46 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 198572  | 29.98 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.89 | 176 | 1137692 | 32.21 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 218423  | 32.69 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.74 | 188 | 1683323 | 33.52 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.01 | 212 | 1874596 | 33.89 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.15 | 264 | 1949074 | 35.30 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |        |       | Ovalue |    |
|-----------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol             | 7.44  | 94  | 19671  | 1.36  | ng/ul# | 94 |
| 44) Dimethylphthalate | 14.35 | 163 | 700013 | 19.11 | ng/ul  | 98 |

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

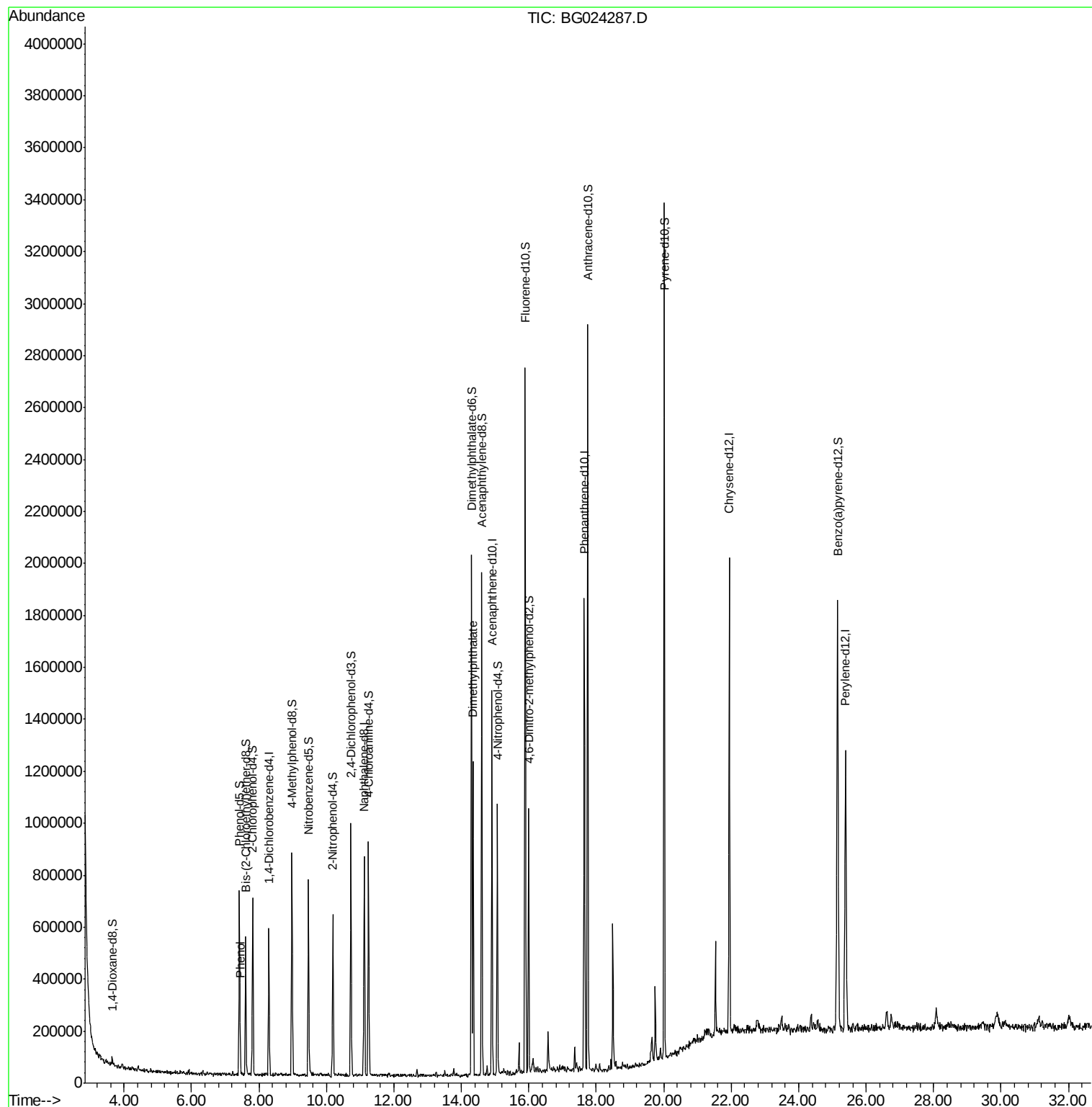
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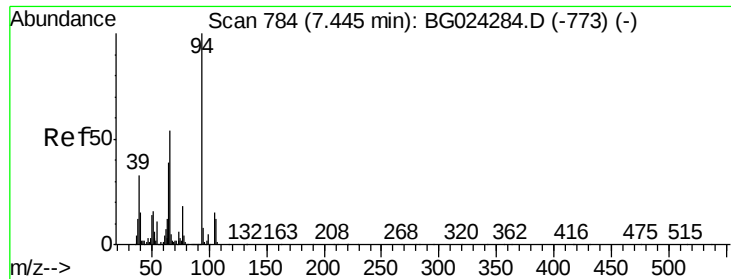
Instrument :  
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#6

Phenol

Concen: 1.36 ng/ul

RT: 7.44 min Scan# 784

Delta R.T. -0.00 min

Lab File: BG024287.D

Acq: 12 Oct 2016 5:51

Instrument :

BNA\_G

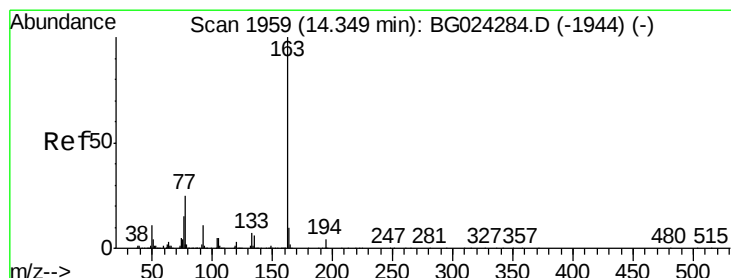
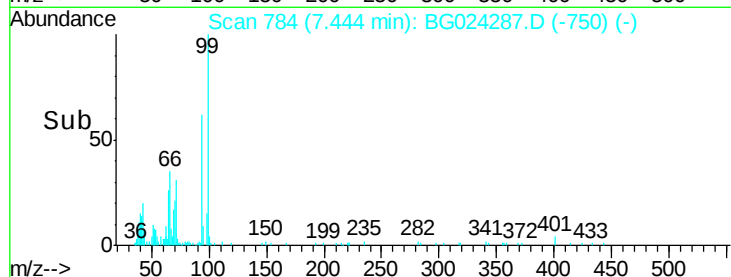
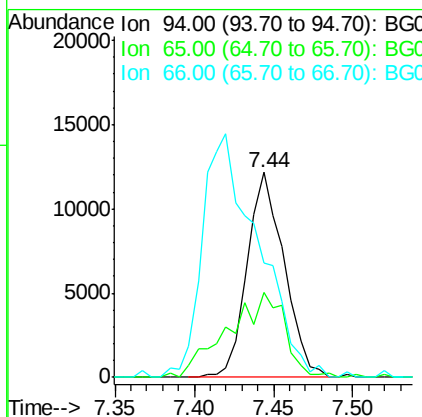
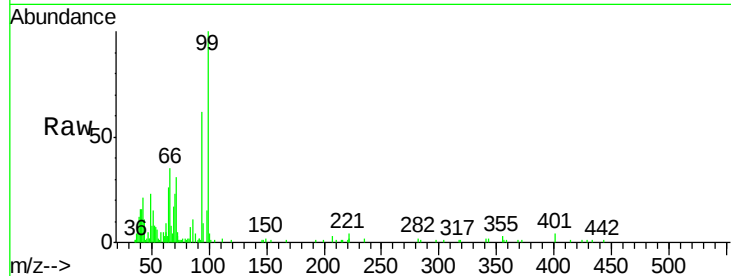
ClientSampleId :

BDP59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 94    | Resp: | 19671 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 41.4  | 26.8  | 40.2# |
| 66        | 56.1  | 44.4  | 66.6  |

Manual Integrations  
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#44

Dimethylphthalate

Concen: 19.11 ng/ul

RT: 14.35 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG024287.D

Acq: 12 Oct 2016 5:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 700013 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.6   | 3.4   | 5.0    |
| 164       | 10.6  | 9.0   | 13.4   |

