

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103017\  
 Data File : BG030595.D  
 Acq On : 31 Oct 2017 1:39  
 Operator : SJ/JU  
 Sample : I5842-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 31 07:18:50 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 31 07:15:18 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 78615    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.97 | 136  | 387217   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 239871   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.51 | 188  | 520504   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.79 | 240  | 542886   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.10 | 264  | 542436   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.55  | 96  | 7957   | 4.11  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 202286 | 26.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67  | 112864 | 23.90 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 163650 | 30.75 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 144950 | 23.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.32  | 128 | 81357  | 29.27 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.05 | 143 | 100836 | 35.40 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 186623 | 28.75 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.11 | 131 | 53474  | 7.09  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 540631 | 26.36 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 669525 | 26.85 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.97 | 143 | 80018  | 21.14 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.76 | 176 | 481679 | 28.68 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 79746  | 31.39 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.61 | 188 | 682014 | 27.71 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.89 | 212 | 799605 | 28.45 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.88 | 264 | 734419 | 28.59 | ng/ul | 0.00 |

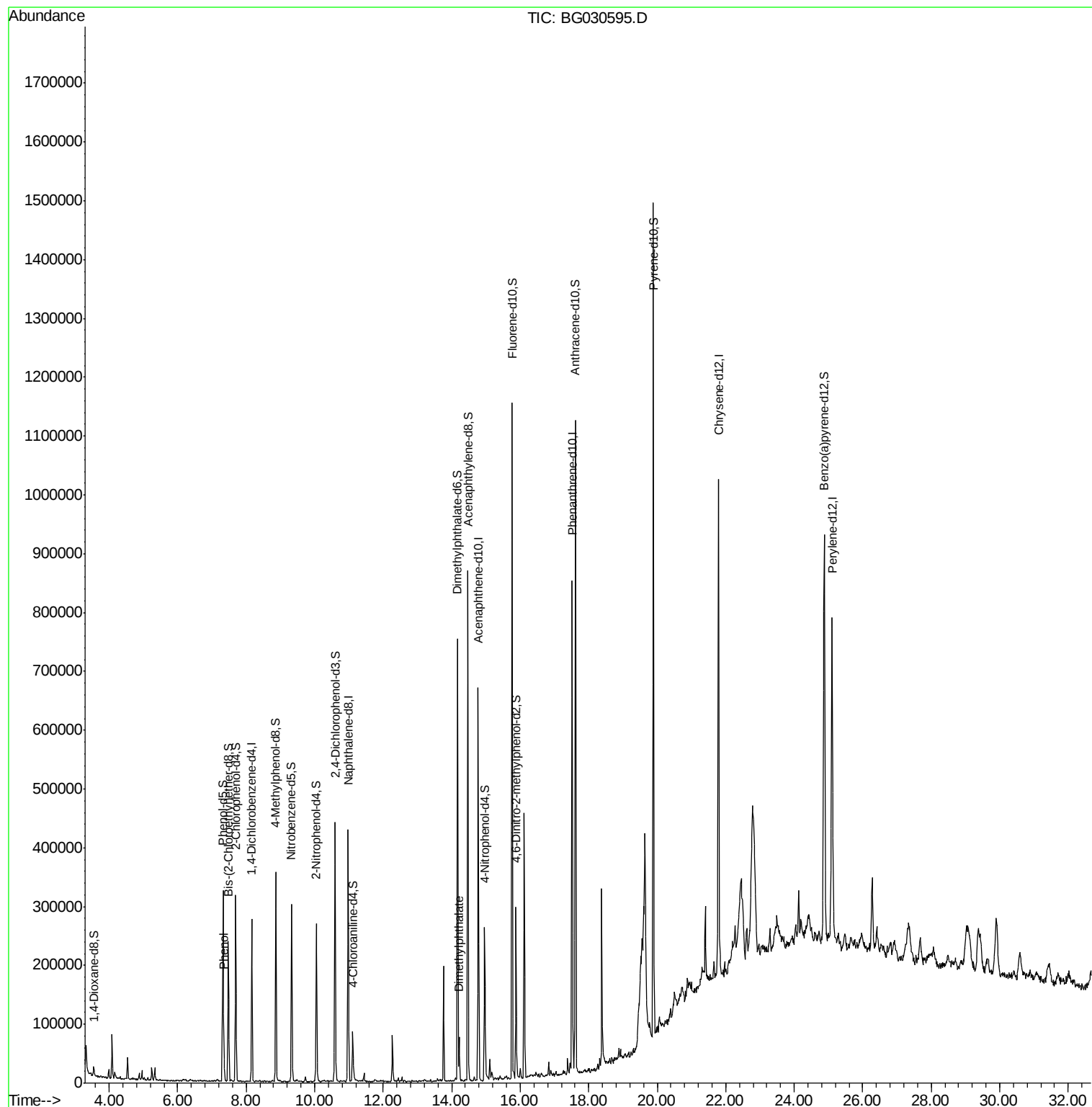
| Target Compounds      |       |     |       |      |       | Ovalue |
|-----------------------|-------|-----|-------|------|-------|--------|
| 6) Phenol             | 7.34  | 94  | 32520 | 4.17 | ng/ul | 92     |
| 44) Dimethylphthalate | 14.22 | 163 | 51284 | 2.56 | ng/ul | 99     |

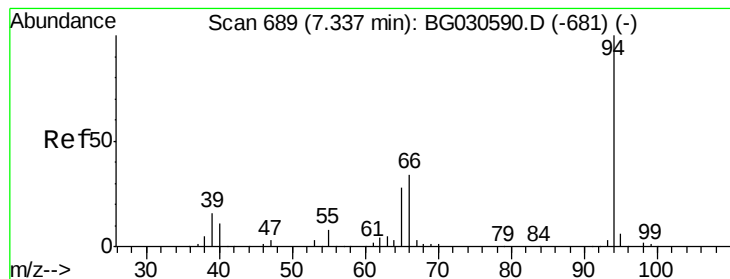
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.17 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030595.D

Acq: 31 Oct 2017 1:39

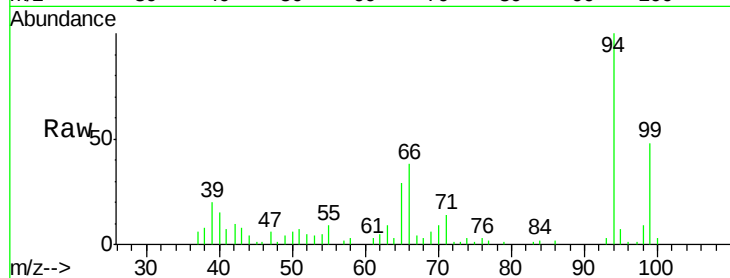
Instrument :

BNA\_G

ClientSampled :

Tot Ion: 94 Resp: 32520

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 28.7  | 27.1  | 40.7  |
| 66  | 38.2  | 34.6  | 52.0  |

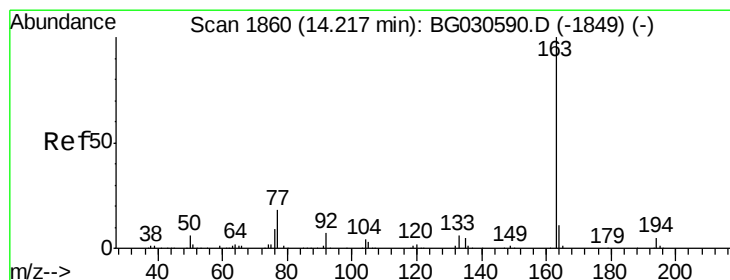
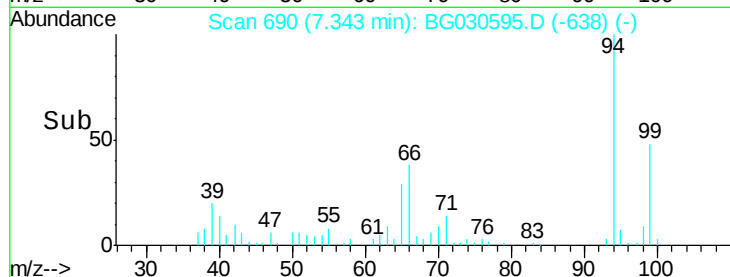
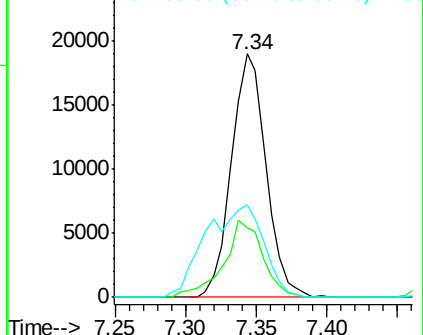


Abundance

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: 2.56 ng/ul

RT: 14.22 min Scan# 1860

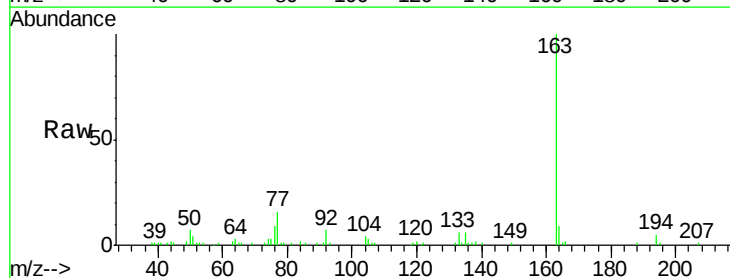
Delta R.T. 0.00 min

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Tgt Ion: 163 Resp: 51284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.8   | 3.5   | 5.3   |
| 164 | 9.2   | 7.6   | 11.4  |



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

