

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG110317\  
 Data File : BG030693.D  
 Acq On : 3 Nov 2017 10:34  
 Operator : SJ/JU  
 Sample : I5844-15  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AD6

Quant Time: Nov 03 11:09:13 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 03 10:43:02 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 60078    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.97 | 136  | 298024   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 200097   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.51 | 188  | 477150   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.78 | 240  | 525517   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.08 | 264  | 534277   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.54  | 96  | 8000   | 5.41  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 158752 | 27.53 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 99596  | 27.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.68  | 132 | 133278 | 32.76 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.85  | 113 | 148623 | 31.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.32  | 128 | 69663  | 32.56 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.04 | 143 | 78048  | 35.60 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 157706 | 31.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.10 | 131 | 212425 | 36.60 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 546654 | 31.96 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 673055 | 32.35 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.96 | 143 | 19414  | 6.15  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.76 | 176 | 494337 | 35.28 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 18650  | 8.01  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.61 | 188 | 790183 | 35.02 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.88 | 212 | 918621 | 33.77 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.86 | 264 | 928244 | 36.68 | ng/ul | 0.00 |

## Target Compounds

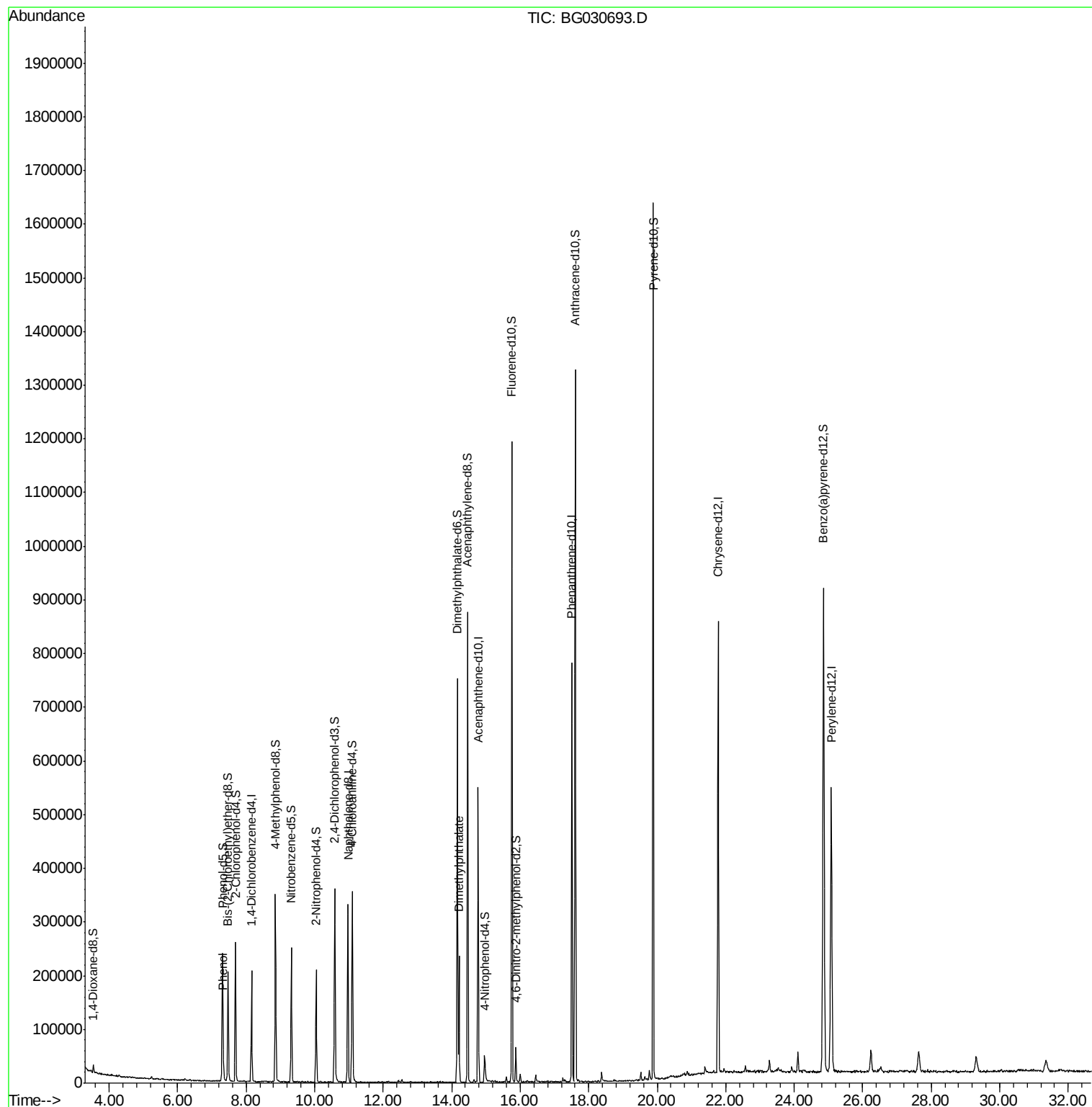
|                       |       |     |        |       |       | Qvalue |
|-----------------------|-------|-----|--------|-------|-------|--------|
| 6) Phenol             | 7.33  | 94  | 18292  | 3.066 | ng/ul | 93     |
| 44) Dimethylphthalate | 14.21 | 163 | 164492 | 9.858 | ng/ul | 97     |

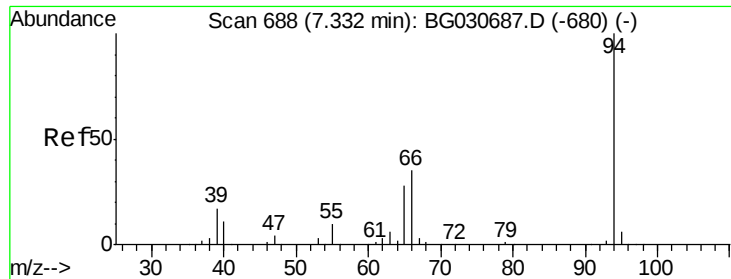
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.066 ng/ul

RT: 7.33 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG030693.D

Acq: 3 Nov 2017 10:34

Instrument :

BNA\_G

ClientSampleId :

C0AD6

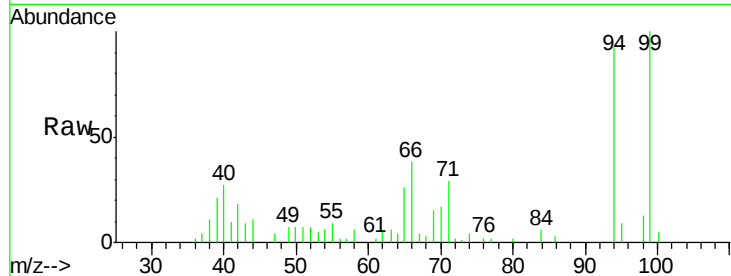
Tgt Ion: 94 Resp: 18292

Ion Ratio Lower Upper

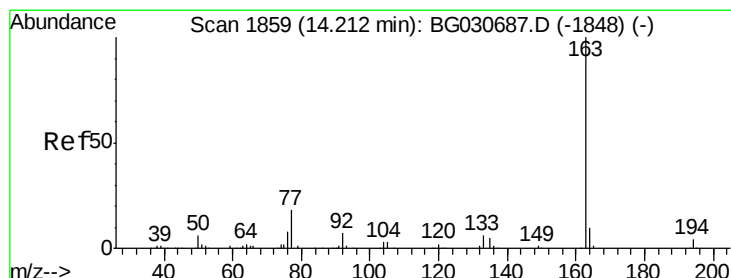
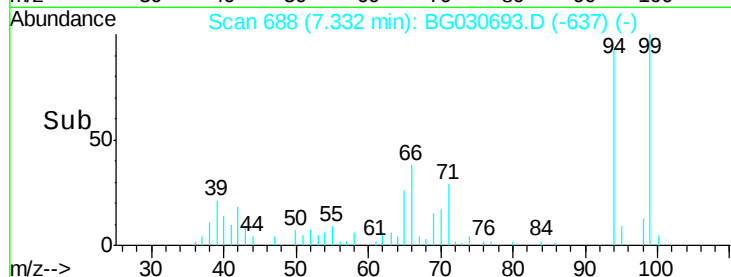
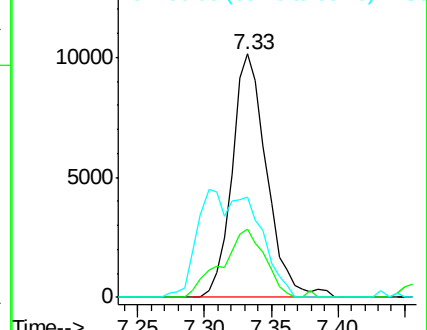
94 100

65 28.0 27.1 40.7

66 40.9 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: 9.858 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. 0.00 min

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Acq: 3 Nov 2017 10:34

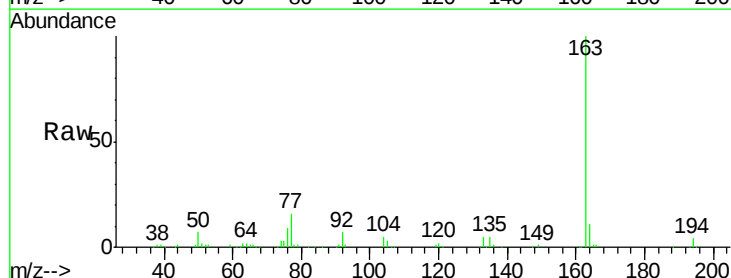
Tgt Ion: 163 Resp: 164492

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.7 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

