

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\  
 Data File : BG019701.D  
 Acq On : 19 Nov 2015 11:47  
 Operator : UM/NP  
 Sample : G4310-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9KL6

Quant Time: Nov 20 00:38:18 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 20 00:36:38 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 15521    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.98 | 136  | 81700    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.78 | 164  | 89979    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.52 | 188  | 281995   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.79 | 240  | 383627   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.11 | 264  | 364072   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

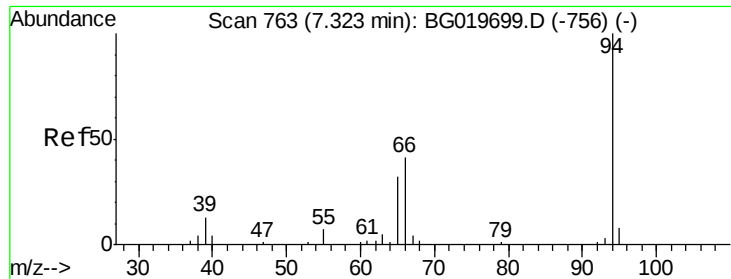
|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 3228   | 8.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.29  | 99  | 78065  | 49.11 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.46  | 67  | 52770  | 50.65 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.68  | 132 | 49634  | 48.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 63890  | 48.53 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.32  | 128 | 28063  | 41.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.05 | 143 | 32718  | 43.34 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 64922  | 39.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.11 | 131 | 74036  | 47.78 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.18 | 166 | 282374 | 34.70 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.48 | 160 | 284296 | 32.23 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.97 | 143 | 45449  | 35.45 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.77 | 176 | 247348 | 33.97 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 56568  | 31.05 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.62 | 188 | 450876 | 32.93 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.90 | 212 | 596204 | 34.11 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.88 | 264 | 656489 | 34.54 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol                      | 7.32  | 94  | 4277   | 2.49  | ng/ul# | 88     |
| 15) N-Nitroso-di-n-propylamine | 8.85  | 70  | 2277   | 1.55  | ng/ul# | 1      |
| 45) Dimethylphthalate          | 14.23 | 163 | 117028 | 14.50 | ng/ul  | 99     |

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





#6

Phenol

Concen: 2.49 ng/ul

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

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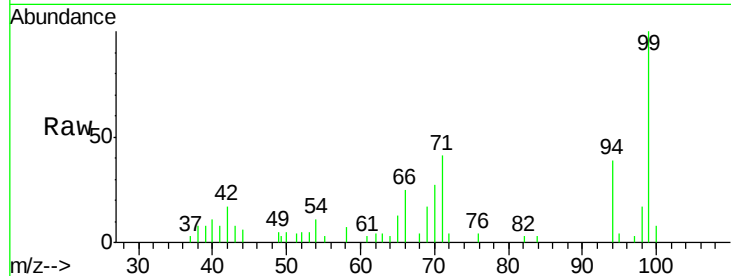
Tot Ion: 94 Resp: 4277

Ion Ratio Lower Upper

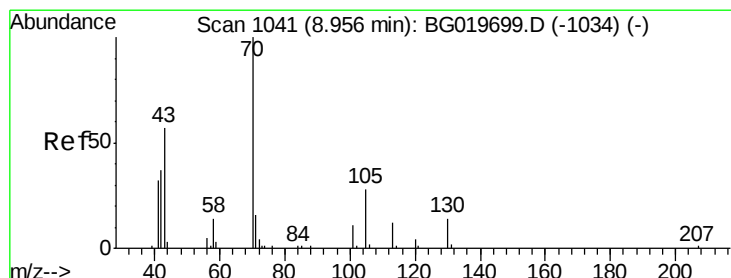
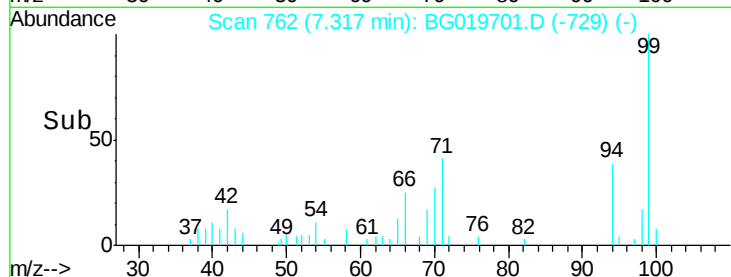
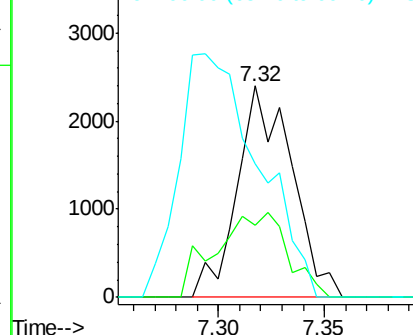
94 100

65 34.3 27.4 41.0

66 62.9 39.0 58.6#



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



#15

N-Nitroso-di-n-propylamine

Concen: 1.55 ng/ul

RT: 8.85 min Scan# 1023

Delta R.T. -0.11 min

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Acq: 19 Nov 2015 11:47

Tgt Ion: 70 Resp: 2277

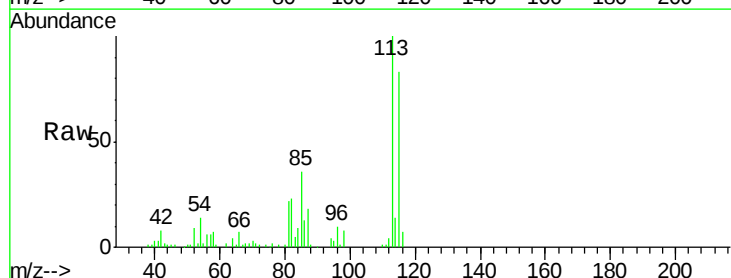
Ion Ratio Lower Upper

70 100

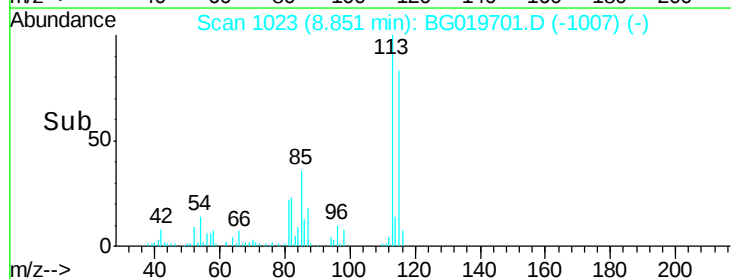
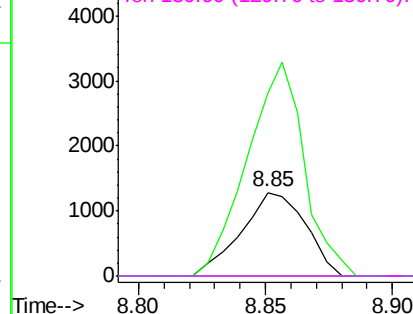
42 220.0 28.4 42.6#

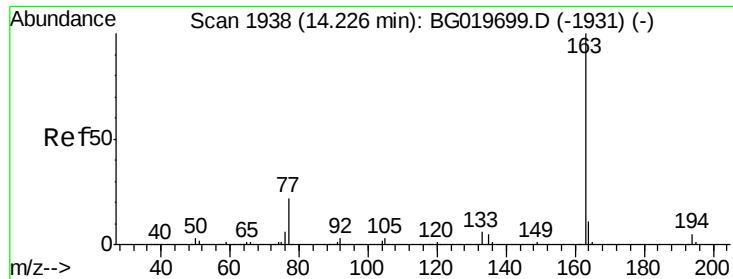
101 0.0 5.3 7.9#

130 0.0 10.9 16.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC





#45

Dimethylphthalate

Concen: 14.50 ng/ul

RT: 14.23 min Scan# 1938

Delta R.T. 0.00 min

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Instrument :

BNA\_G

ClientSampleId :

D9KL6

Tot Ion:163 Resp: 117028

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 9.8 8.3 12.5

