

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG100515\  
 Data File : BG019041.D  
 Acq On : 6 Oct 2015 00:01  
 Operator : UM/NP  
 Sample : G3900-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AA3

Quant Time: Oct 06 04:29:18 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG100415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 06 04:27:31 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 37546    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.85 | 136  | 175709   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.67 | 164  | 116943   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.42 | 188  | 265605   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.68 | 240  | 291360   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.91 | 264  | 282378   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96  | 3919   | 4.72  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.22  | 99  | 118954 | 36.76 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.37  | 67  | 72705  | 34.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.59  | 132 | 88236  | 36.33 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.75  | 113 | 94783  | 37.26 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 9.21  | 128 | 46400  | 34.93 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.93  | 143 | 54239  | 39.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.48 | 165 | 103188 | 37.73 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.99 | 131 | 91661  | 27.48 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.08 | 166 | 321898 | 34.91 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.37 | 160 | 396296 | 34.75 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.87 | 143 | 65122  | 34.96 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.66 | 176 | 292380 | 35.02 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.77 | 200 | 49790  | 34.56 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.52 | 188 | 438260 | 35.04 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.79 | 212 | 478200 | 35.44 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.69 | 264 | 525948 | 36.40 | ng/ul | 0.02 |

## Target Compounds

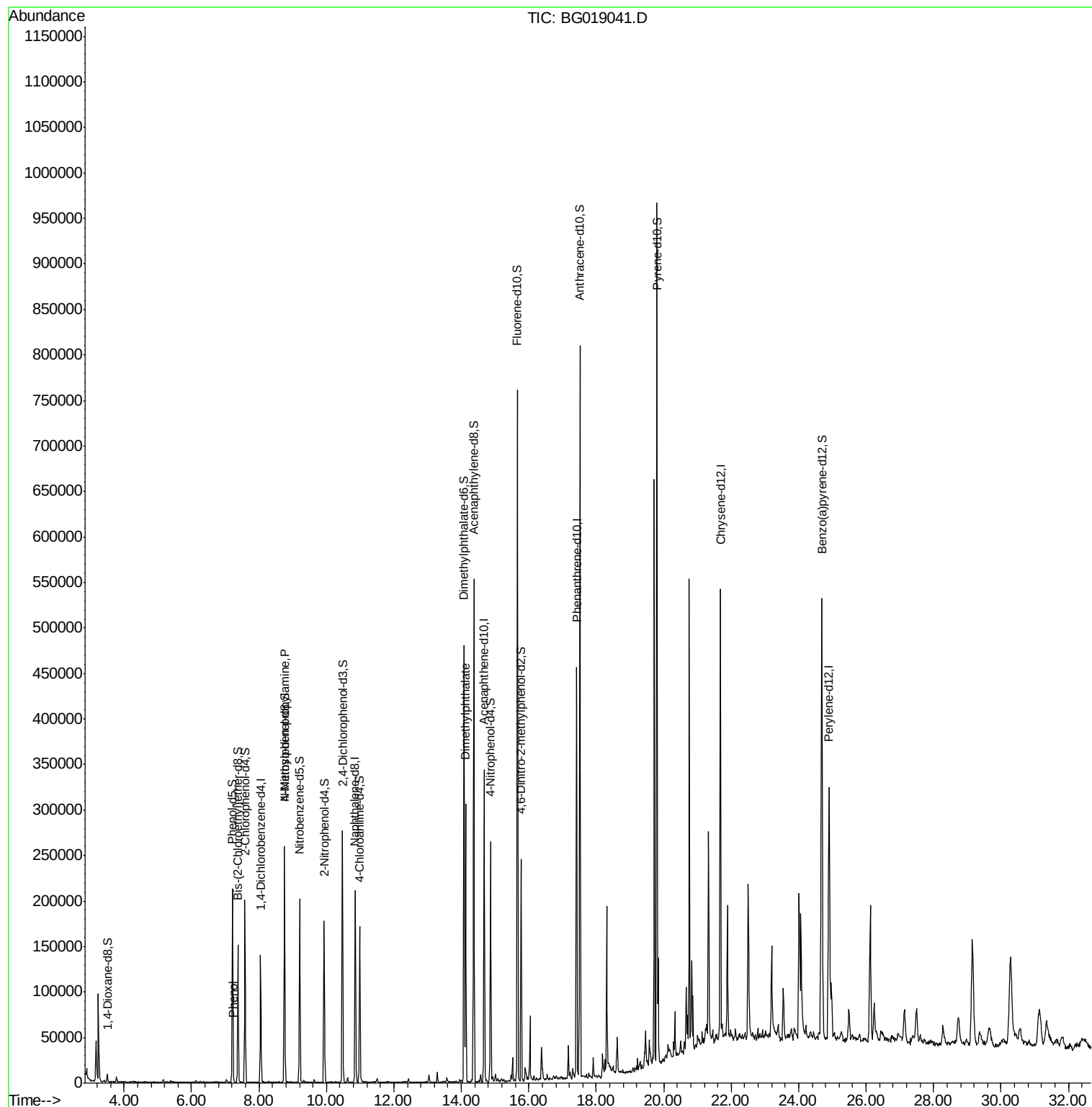
|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol                      | 7.24  | 94  | 3995   | 1.21  | ng/ul  | 97     |
| 15) N-Nitroso-di-n-propylamine | 8.75  | 70  | 2651   | 1.25  | ng/ul# | 1      |
| 45) Dimethylphthalate          | 14.12 | 163 | 189978 | 20.18 | ng/ul  | 99     |

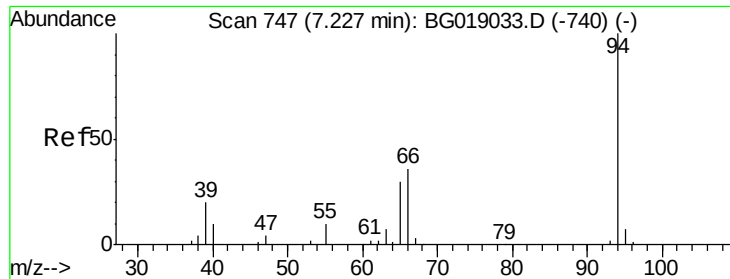
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.21 ng/ul

RT: 7.24 min Scan# 750

Delta R.T. 0.02 min

Lab File: BG019041.D

Acq: 6 Oct 2015 00:01

Instrument :

BNA\_G

ClientSampled :

C0AA3

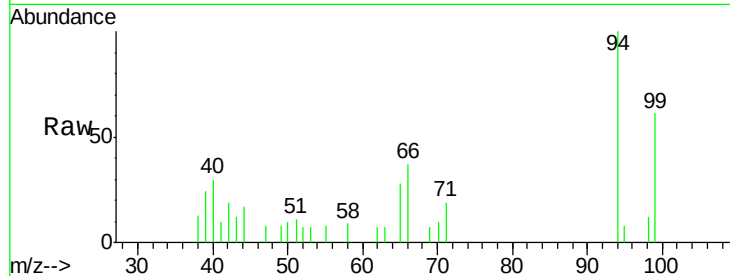
Tgt Ion: 94 Resp: 3995

Ion Ratio Lower Upper

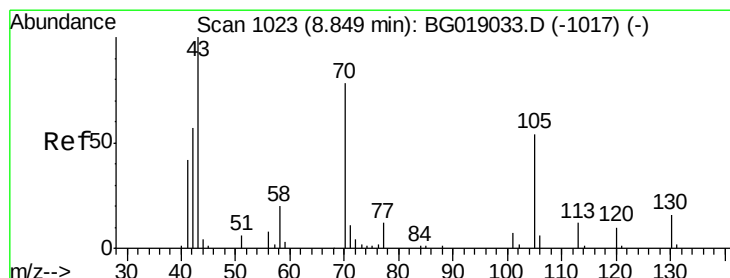
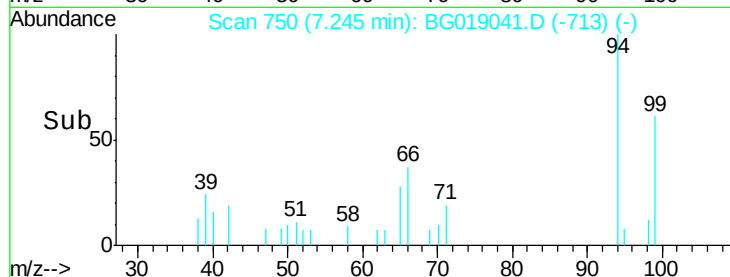
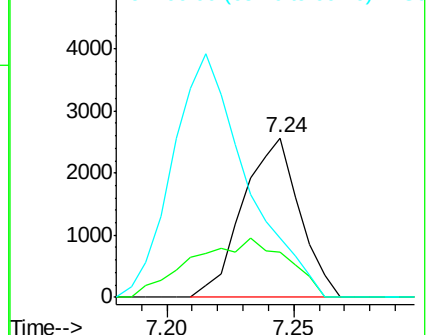
94 100

65 28.4 24.9 37.3

66 37.0 29.1 43.7



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: 1.25 ng/ul

RT: 8.75 min Scan# 1007

Delta R.T. -0.09 min

Lab File: BG019041.D

Acq: 6 Oct 2015 00:01

Tgt Ion: 70 Resp: 2651

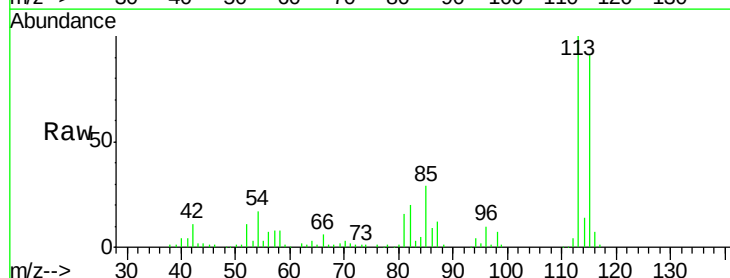
Ion Ratio Lower Upper

70 100

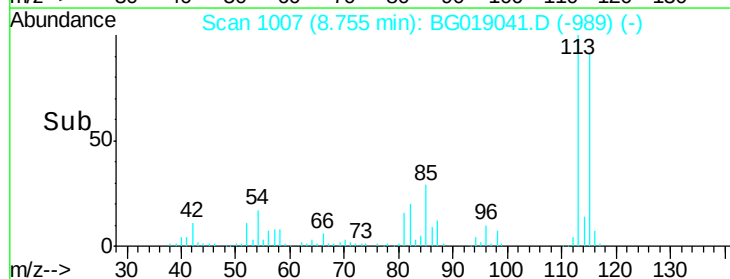
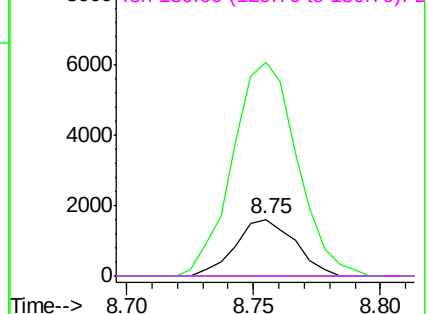
42 376.8 53.6 80.4#

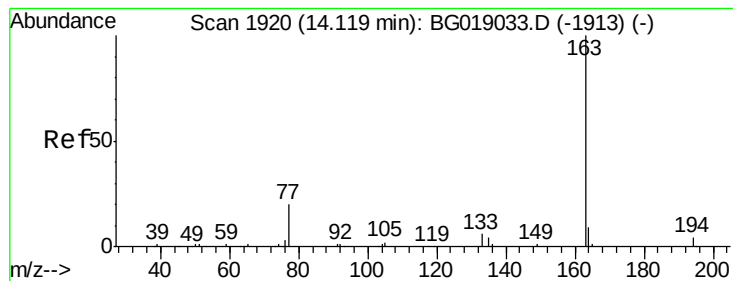
101 0.0 7.9 11.9#

130 0.0 16.5 24.7#



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: 20.18 ng/ul

RT: 14.12 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BG019041.D

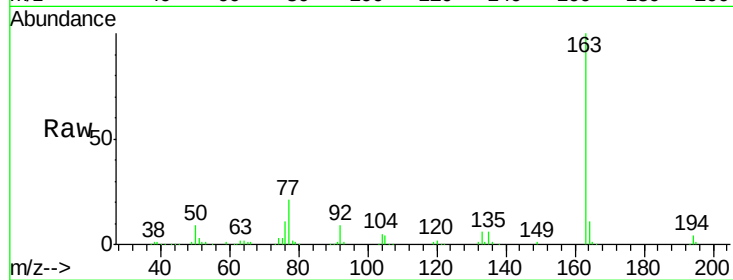
Acq: 6 Oct 2015 00:01

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BNA\_G

ClientSampleId :

C0AA3



Tgt Ion:163 Resp: 189978

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.6 8.1 12.1

