

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
 Data File : BG042101.D  
 Acq On : 9 Aug 2019 14:00  
 Operator : HP/JU  
 Sample : K4041-07  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BENT1

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:18:39 AM

Quant Time: Aug 10 03:39:54 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 09 16:22:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 72446    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.85 | 136  | 294278   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.69 | 164  | 201972   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.44 | 188  | 426127   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.72 | 240  | 409448   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.99 | 264  | 471354   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.41  | 96  | 4320   | 2.61  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.19  | 99  | 90393  | 15.90 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 51363  | 16.15 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.56  | 132 | 89950  | 18.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.74  | 113 | 73262  | 15.35 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.19  | 128 | 44724  | 20.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.92  | 143 | 55827  | 21.71 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.47 | 165 | 96483  | 18.58 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.98 | 131 | 110335 | 19.15 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.09 | 166 | 307315 | 19.62 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.38 | 160 | 351944 | 19.67 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.89 | 143 | 27123m | 10.31 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.68 | 176 | 269527 | 19.34 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 38642  | 14.13 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.54 | 188 | 416413 | 20.37 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.83 | 212 | 474278 | 20.76 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.77 | 264 | 530337 | 21.54 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |       |             | Ovalue |
|-----------------------|-------|-----|-------|-------------|--------|
| 6) Phenol             | 7.21  | 94  | 16358 | 2.787 ng/ul | 93     |
| 44) Dimethylphthalate | 14.14 | 163 | 81994 | 5.272 ng/ul | 98     |

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

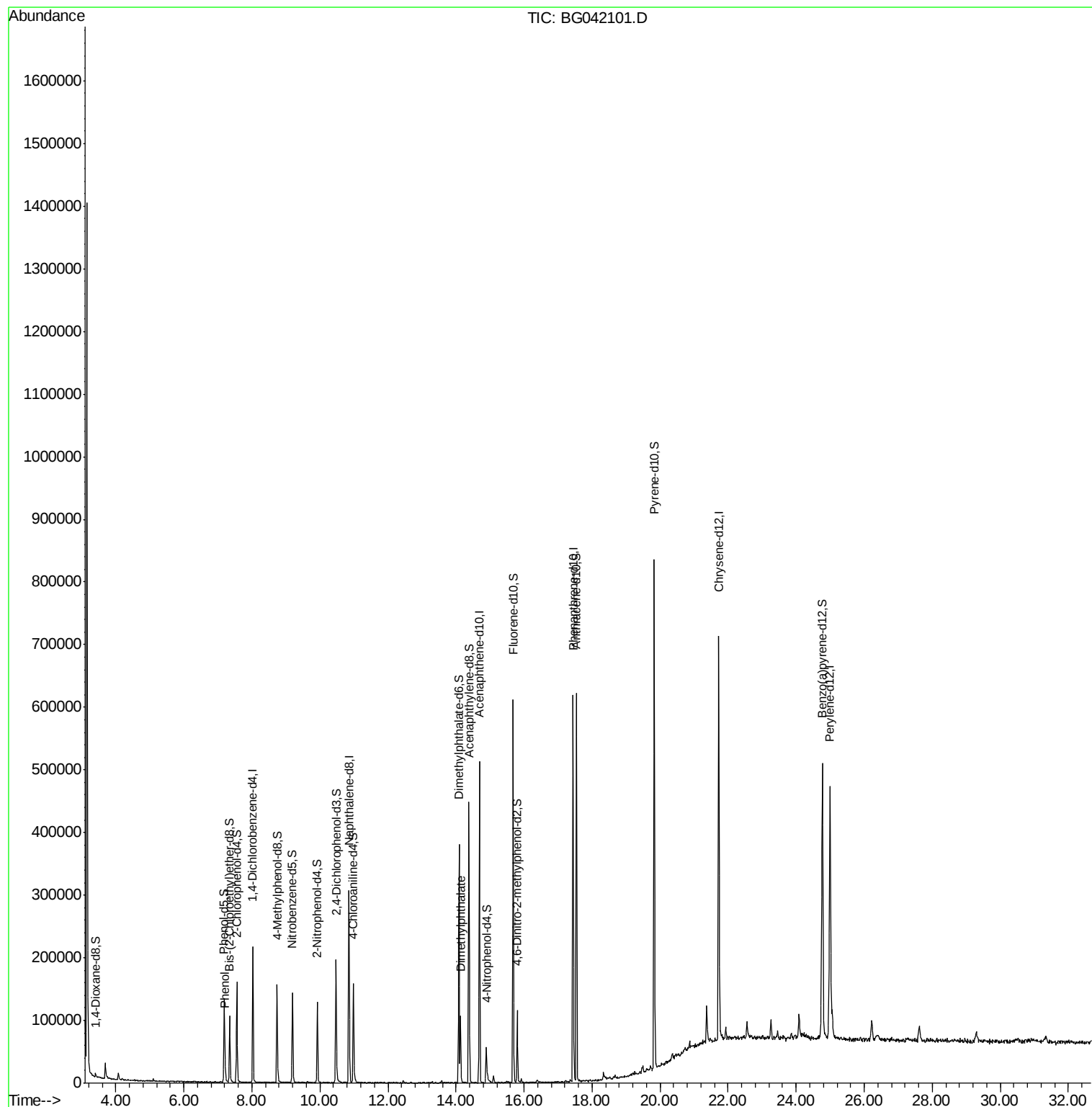
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
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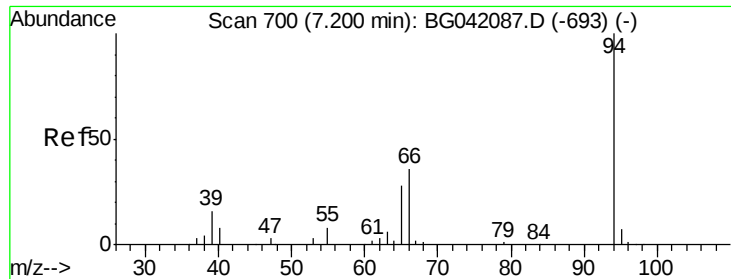
Instrument :  
BNA\_G  
ClientSampleId :  
BENT1

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#6

Phenol

Concen: 2.787 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG042101.D

Acq: 9 Aug 2019 14:00

Instrument :

BNA\_G

ClientSampled :

BENT1

Tot Ion: 94 Resp: 16358

Ion Ratio Lower Upper

94 100

65 26.7 25.8 38.6

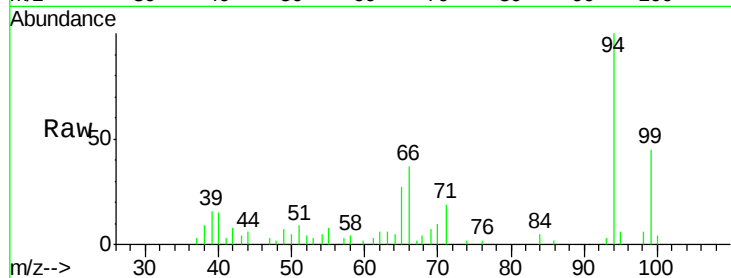
66 36.9 31.8 47.8

Manual Integrations

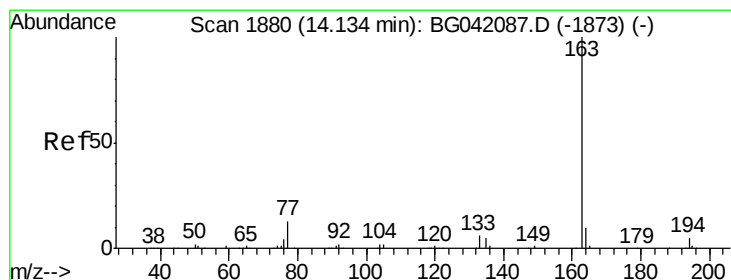
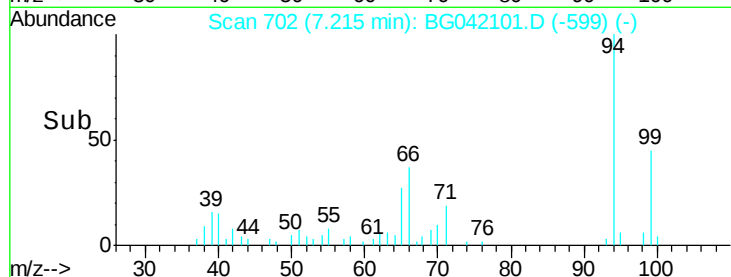
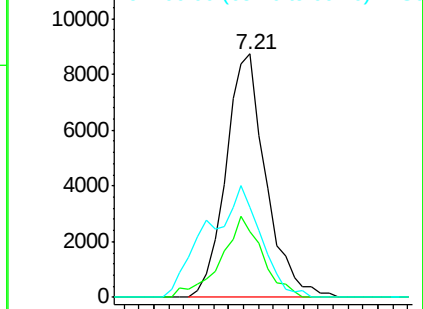
APPROVED

Sohil

8/13/2019 8:18:39 AM



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: 5.272 ng/ul

RT: 14.14 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042101.D

Acq: 9 Aug 2019 14:00

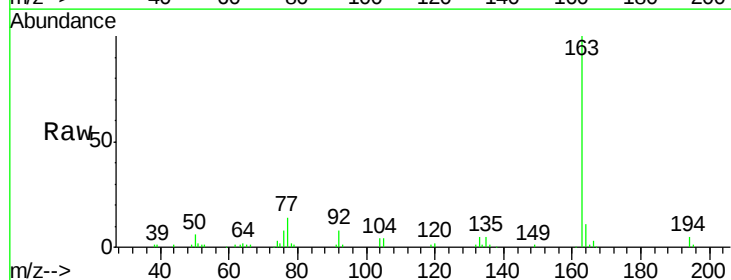
Tgt Ion: 163 Resp: 81994

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

164 10.5 7.8 11.8



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

