

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\  
 Data File : BG046901.D  
 Acq On : 14 Oct 2020 20:28  
 Operator : CG/JU  
 Sample : L4360-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 15 00:38:55 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 15 00:34:52 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 70623    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.91 | 136  | 276511   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.72 | 164  | 194445   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.46 | 188  | 464234   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.74 | 240  | 512102   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.00 | 264  | 520853   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.52  | 96  | 7718   | 5.36  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.24  | 99  | 37694  | 6.24  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 87173  | 23.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.63  | 132 | 99421  | 22.53 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.79  | 113 | 70240  | 14.86 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.25  | 128 | 60695  | 29.32 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.98  | 143 | 71210  | 33.86 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.52 | 165 | 136411 | 27.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.03 | 131 | 139718 | 23.76 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.12 | 166 | 449502 | 30.26 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.42 | 160 | 498155 | 28.24 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.91 | 143 | 14021  | 5.54  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.71 | 176 | 381519 | 27.85 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 42596  | 18.36 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.56 | 188 | 626602 | 29.42 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.85 | 212 | 778024 | 29.28 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.78 | 264 | 829003 | 29.53 | ng/ul | 0.00 |

## Target Compounds

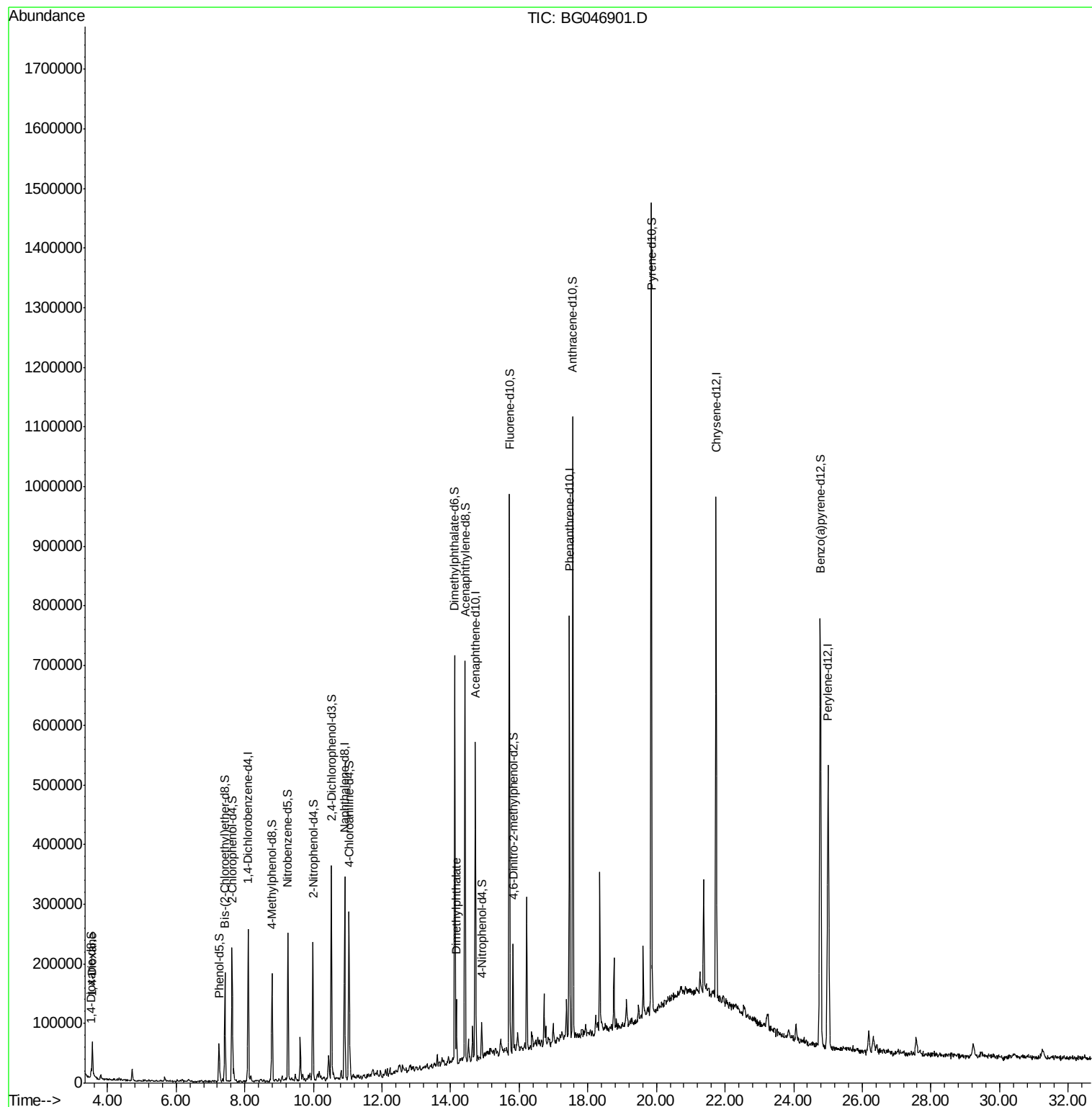
|                       |       |     |       |        | Ovalue   |
|-----------------------|-------|-----|-------|--------|----------|
| 2) 1,4-Dioxane        | 3.55  | 88  | 30953 | 16.782 | ng/uL 95 |
| 45) Dimethylphthalate | 14.17 | 163 | 62374 | 4.148  | ng/ul 99 |

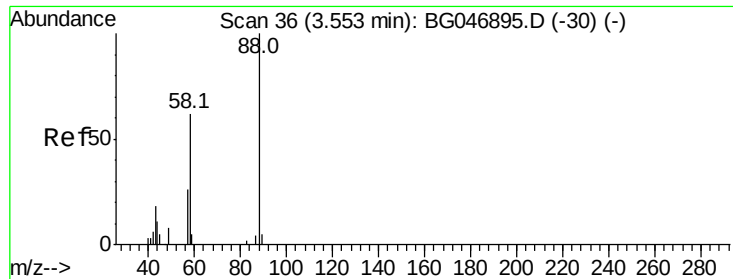
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 16.782 ng/uL

RT: 3.55 min Scan# 37

Delta R.T. -0.00 min

Lab File: BG046901.D

Acq: 14 Oct 2020 20:28

Instrument :

BNA\_G

ClientSampleId :

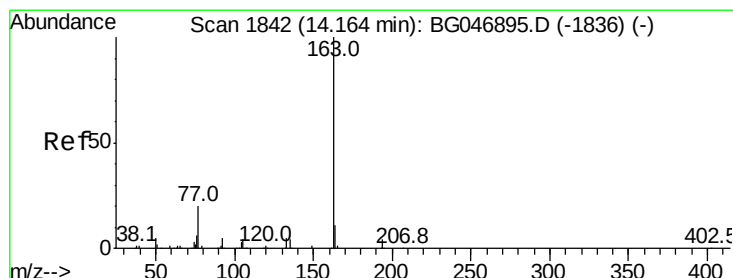
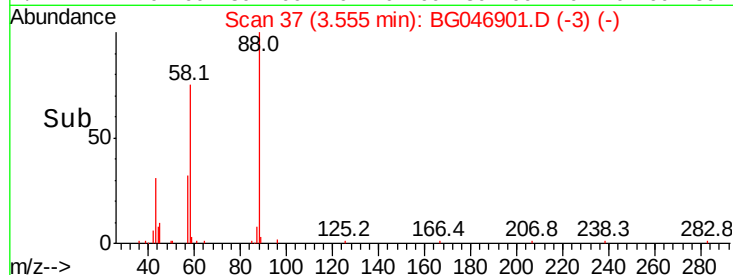
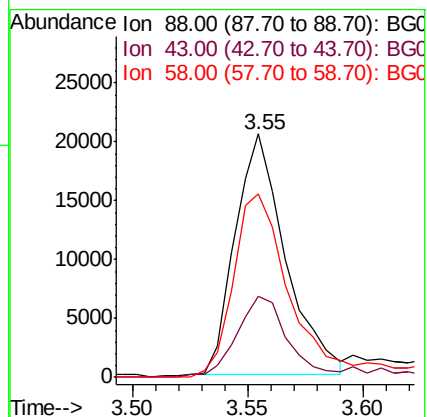
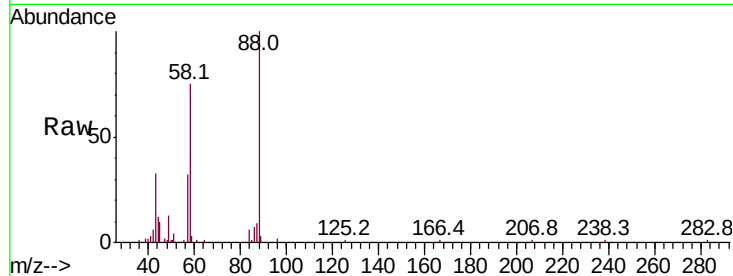
Tot Ion: 88 Resp: 30953

Ion Ratio Lower Upper

88 100

43 33.4 22.3 33.5

58 75.3 62.2 93.2



#45

Dimethylphthalate

Concen: 4.148 ng/uL

RT: 14.17 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG046901.D

Acq: 14 Oct 2020 20:28

Tgt Ion: 163 Resp: 62374

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 9.5 7.4 11.0

