

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\  
 Data File : BG042131.D  
 Acq On : 10 Aug 2019 19:12  
 Operator : HP/JU  
 Sample : K4184-14  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AA5

Quant Time: Aug 11 00:09:39 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  | 71926    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.85 | 136  | 302157   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.68 | 164  | 215739   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.44 | 188  | 451978   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.72 | 240  | 454252   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.99 | 264  | 522937   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.41  | 96  | 7081   | 4.31  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.18  | 99  | 33212  | 5.88  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 56053  | 17.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 91447  | 18.95 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.74  | 113 | 61619  | 13.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.19  | 128 | 50761  | 22.32 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.92  | 143 | 64102  | 24.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.47 | 165 | 125758 | 23.59 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.99 | 131 | 9424   | 1.59  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 14.08 | 166 | 414460 | 24.77 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.38 | 160 | 478213 | 25.02 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.89 | 143 | 14110  | 5.02  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.68 | 176 | 372979 | 25.06 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 66962  | 23.09 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.54 | 188 | 574355 | 26.49 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.82 | 212 | 656282 | 25.89 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.77 | 264 | 724651 | 26.53 | ng/ul | 0.00 |

## Target Compounds

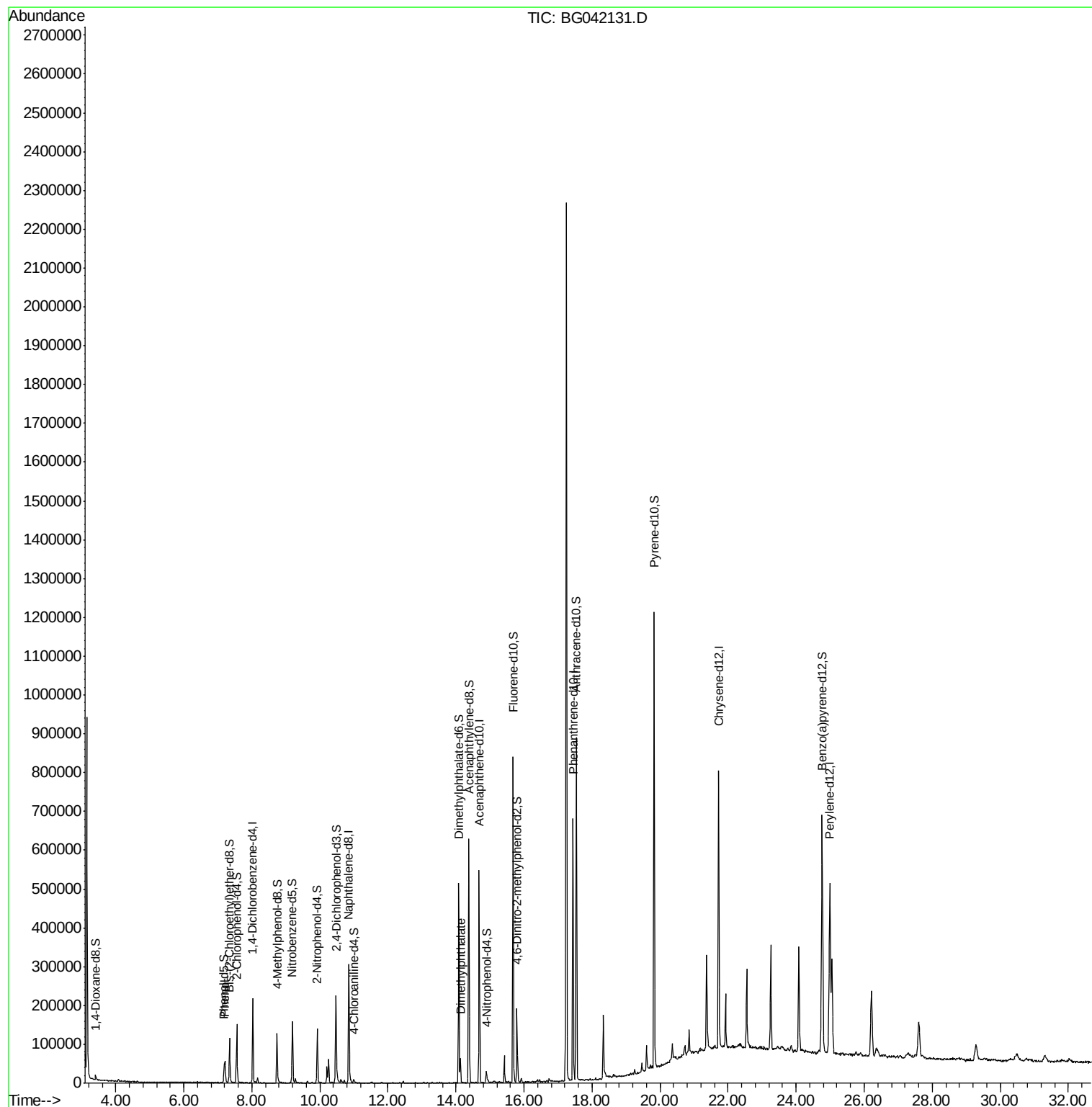
|                       |       |     |       |       | Ovalue |    |
|-----------------------|-------|-----|-------|-------|--------|----|
| 6) Phenol             | 7.21  | 94  | 33129 | 5.686 | ng/ul# | 89 |
| 44) Dimethylphthalate | 14.13 | 163 | 46508 | 2.799 | ng/ul  | 96 |

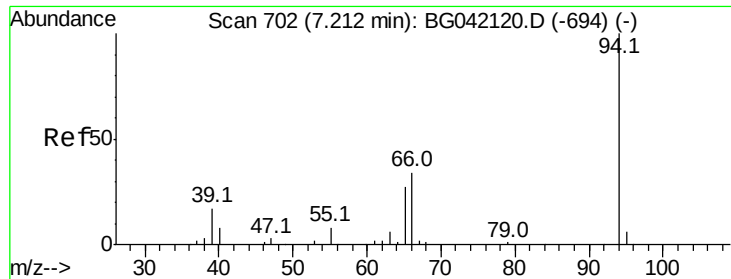
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.686 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042131.D

Acq: 10 Aug 2019 19:12

Instrument :

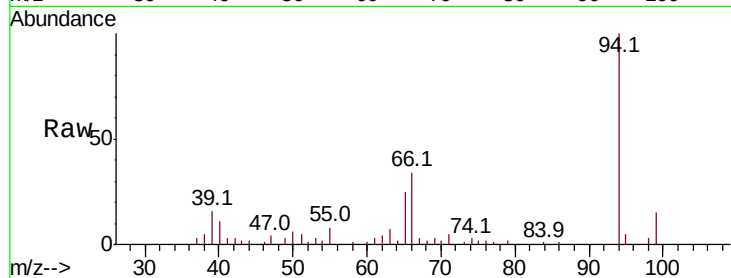
BNA\_G

ClientSampleId :

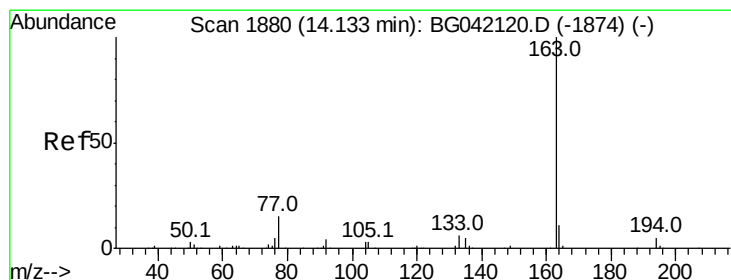
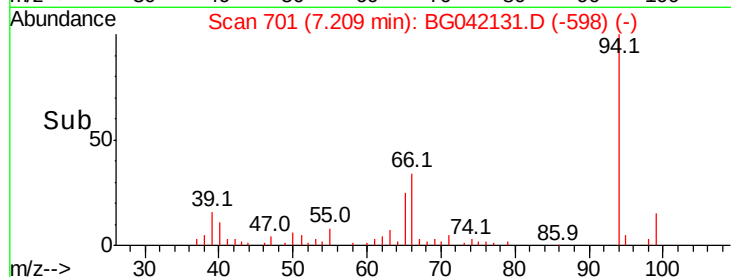
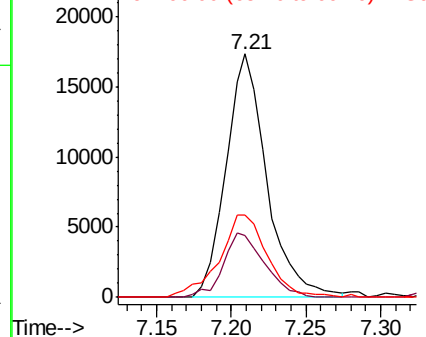
C0AA5

Tot Ion: 94 Resp: 33129

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.3  | 25.8  | 38.6# |
| 66  | 33.6  | 31.8  | 47.8  |



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: 2.799 ng/ul

RT: 14.13 min Scan# 1879

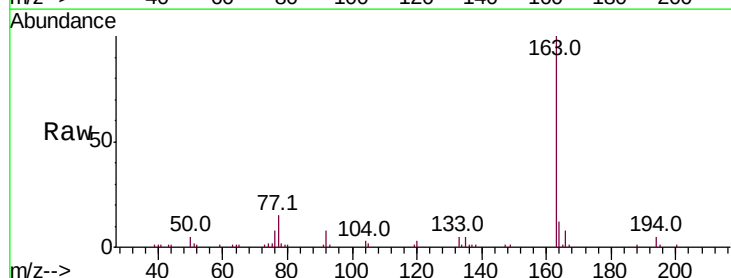
Delta R.T. -0.00 min

Lab File: BG042131.D

Acq: 10 Aug 2019 19:12

Tgt Ion:163 Resp: 46508

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.6   | 4.2   | 6.2   |
| 164 | 11.7  | 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

