

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100421\  
 Data File : BG050446.D  
 Acq On : 5 Oct 2021 16:56  
 Operator : CG/JU  
 Sample : M3874-21  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW7W9

Quant Time: Oct 05 17:32:04 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG093021.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 30 16:27:24 2021  
 Response via : Initial Calibration

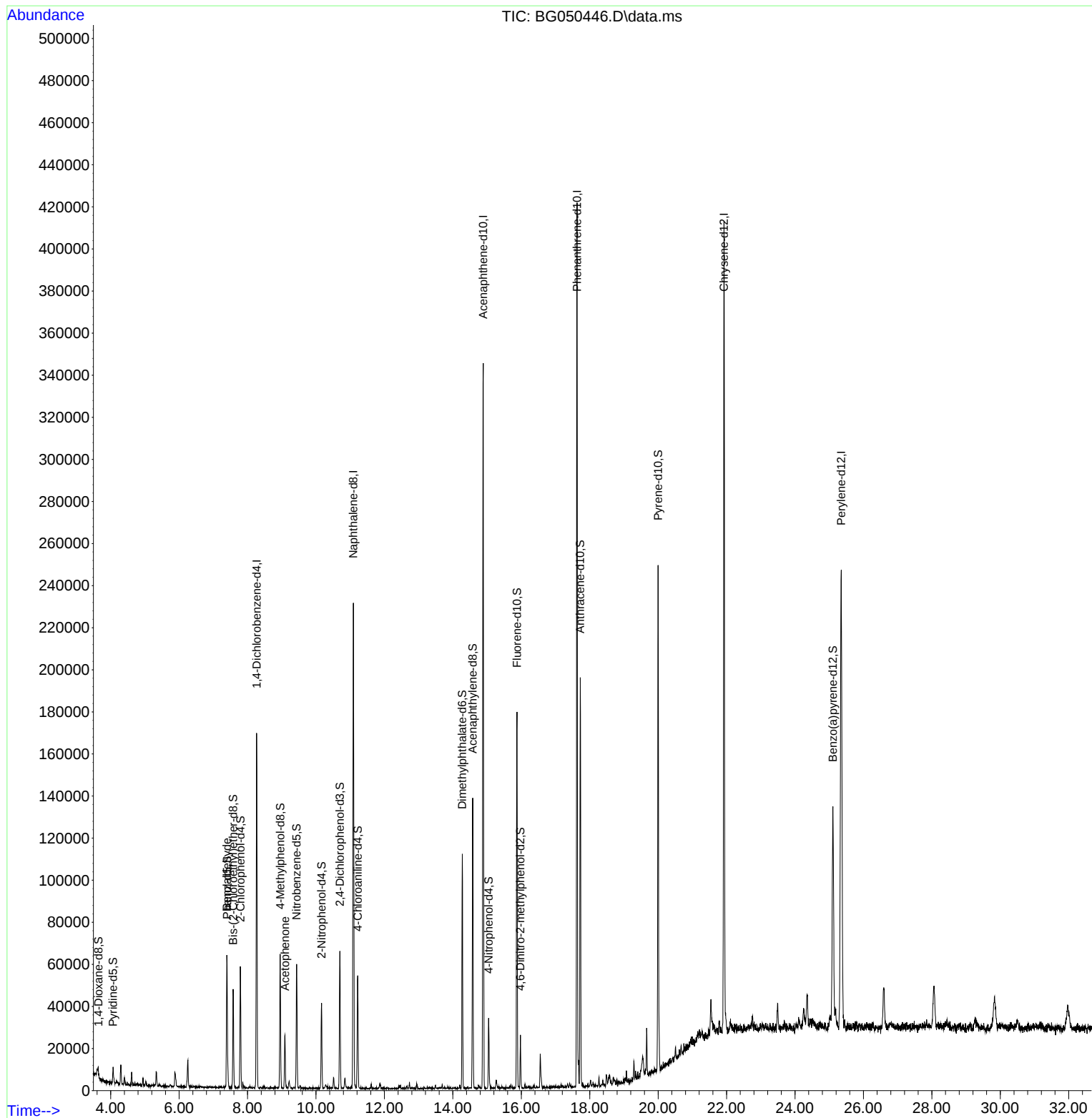
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.265  | 152  | 43118    | 20.00 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 11.091 | 136  | 187117   | 20.00 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.887 | 164  | 120065   | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.631 | 188  | 254470   | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.926 | 240  | 226849   | 20.00 | ng/ul  | #-0.02   |
| 88) Perylene-d12              | 25.351 | 264  | 223435   | 20.00 | ng/ul  | -0.03    |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.641  | 96   | 1997     | 1.70  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.064  | 84   | 4928     | 1.41  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.402  | 99   | 31774    | 8.43  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.578  | 67   | 24805    | 10.46 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.789  | 132  | 24440    | 9.26  | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.953  | 113  | 23492    | 8.24  | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 9.434  | 128  | 12871    | 9.83  | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 10.163 | 143  | 11941    | 8.50  | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.698 | 165  | 22015    | 7.94  | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.221 | 131  | 28003    | 7.07  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.276 | 166  | 70362    | 8.56  | ng/ul  | -0.02    |
| 49) Acenaphthylene-d8         | 14.581 | 160  | 98842    | 9.58  | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 15.046 | 143  | 7208     | 4.55  | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.874 | 176  | 70840    | 9.57  | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.974 | 200  | 5481     | 4.32  | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.725 | 188  | 112537   | 10.47 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.999 | 212  | 130673   | 10.83 | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 25.110 | 264  | 107320   | 9.55  | ng/ul  | -0.03    |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 6) Benzaldehyde               | 7.396  | 77   | 2706     | 1.09  | ng/ul  | 91       |
| 16) Acetophenone              | 9.094  | 105  | 14548    | 3.21  | ng/ul  | 88       |
| -----                         |        |      |          |       |        |          |

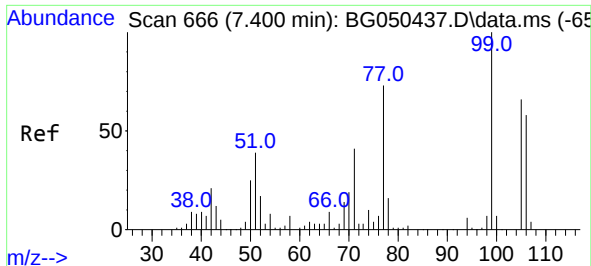
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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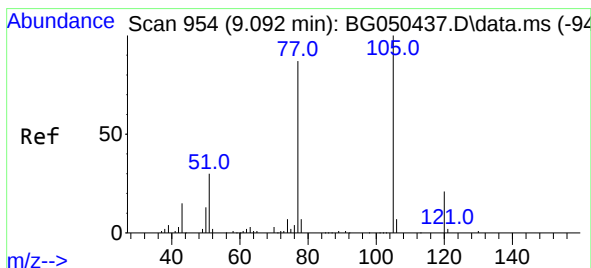
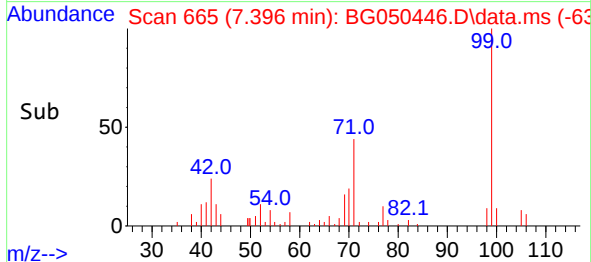
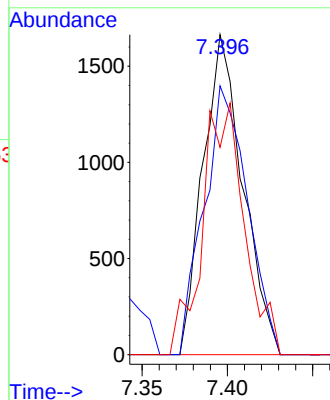
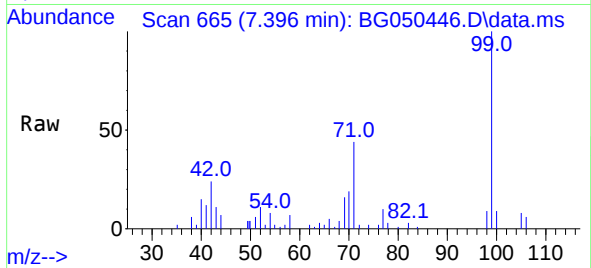




#6  
Benzaldehyde  
Concen: 1.09 ng/ul  
RT: 7.396 min Scan# 665  
Delta R.T. -0.011 min  
Lab File: BG050446.D  
Acq: 5 Oct 2021 16:56

Instrument :  
BNA\_G  
ClientSampleId :  
EW7W9

Tgt Ion: 77 Resp: 2706  
Ion Ratio Lower Upper  
77 100  
105 84.0 64.2 96.4  
106 64.8 62.1 93.1



#16  
Acetophenone  
Concen: 3.21 ng/ul  
RT: 9.094 min Scan# 954  
Delta R.T. -0.011 min  
Lab File: BG050446.D  
Acq: 5 Oct 2021 16:56

Tgt Ion:105 Resp: 14548  
Ion Ratio Lower Upper  
105 100  
77 78.1 72.1 108.1  
51 24.7 24.6 36.8

