

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120121\  
 Data File : BG051293.D  
 Acq On : 1 Dec 2021 20:10  
 Operator : CG/JU  
 Sample : M4868-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGKP0

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021  
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 02 00:48:19 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 24 06:04:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.191  | 152  | 26840    | 20.000 | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 11.017 | 136  | 122554   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.824 | 164  | 84288    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.574 | 188  | 190620   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.869 | 240  | 172022   | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 25.271 | 264  | 169052   | 20.000 | ng/u1  | -0.01    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.532  | 96   | 4046     | 5.238  | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 3.966  | 84   | 15490    | 6.835  | ng/u1  | -0.01    |
| 7) Phenol-d5                  | 7.351  | 99   | 18541    | 6.989  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.503  | 67   | 54013    | 32.420 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.721  | 132  | 45092    | 23.606 | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.908  | 113  | 33693    | 15.740 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.366  | 128  | 31673    | 30.616 | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 10.094 | 143  | 33014    | 28.290 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.641 | 165  | 52401    | 26.465 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.158 | 131  | 75407    | 26.028 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.219 | 166  | 218611   | 33.708 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.519 | 160  | 268967   | 32.889 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 15.059 | 143  | 4958m    | 4.723  | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.811 | 176  | 195770   | 33.521 | ng/u1  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.946 | 200  | 18478    | 15.709 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.674 | 188  | 342775   | 37.599 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.953 | 212  | 389869   | 37.456 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.036 | 264  | 333742   | 36.965 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 7.333  | 77   | 1805     | 1.068  | ng/u1  | 94       |
| -----                         |        |      |          |        |        |          |

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

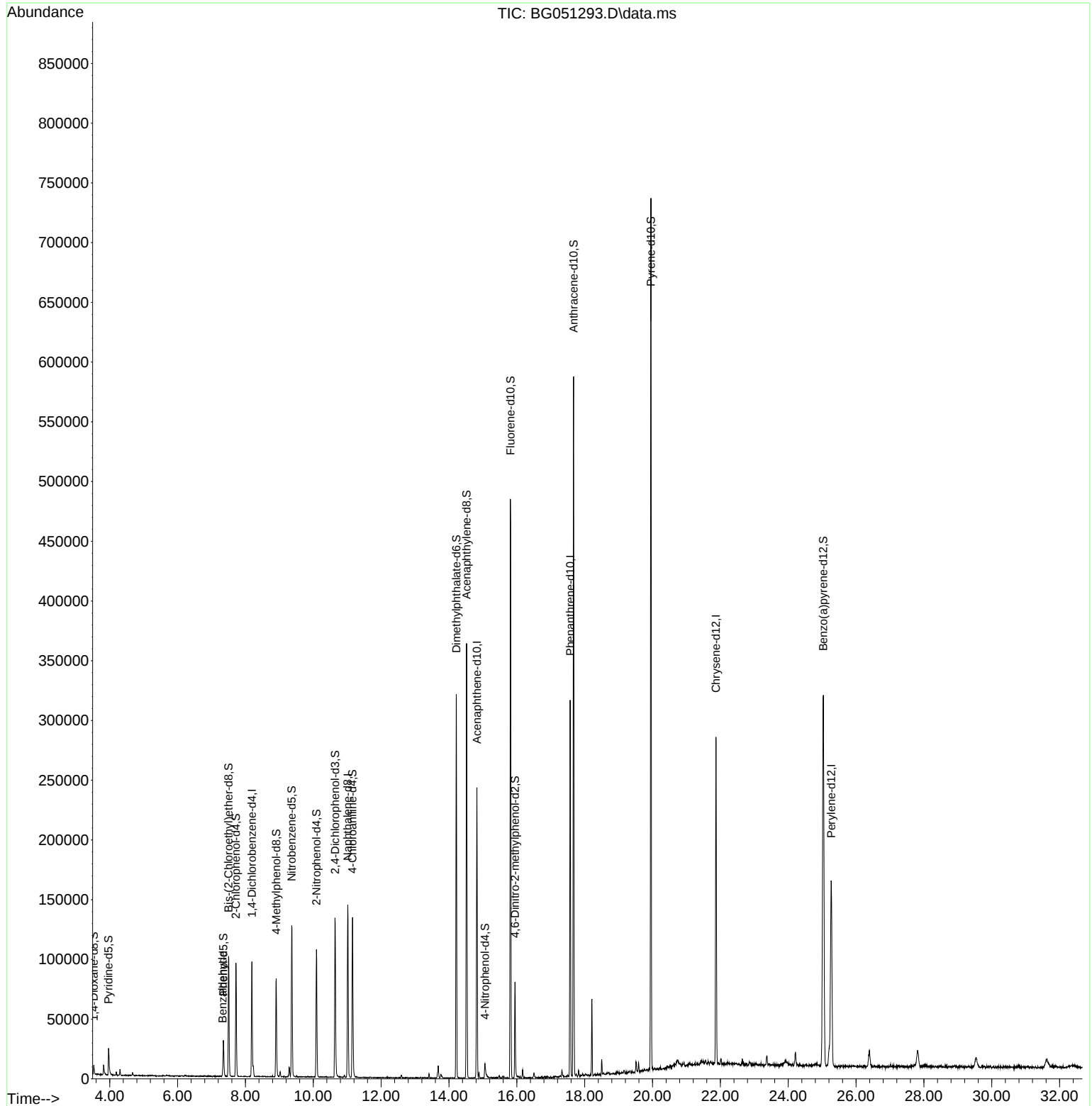
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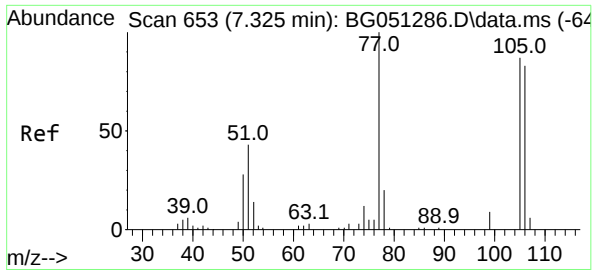
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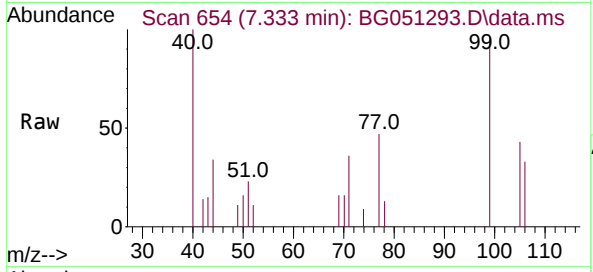
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Response via : Initial Calibration





#6  
Benzaldehyde  
Concen: 1.068 ng/ul  
RT: 7.333 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BG051293.D  
Acq: 1 Dec 2021 20:10

Instrument :  
BNA\_G  
ClientSampleId :  
BGKP0



|             |                 |
|-------------|-----------------|
| Tgt Ion: 77 | Resp: 180       |
| Ion Ratio   | Lower Upper     |
| 77          | 100             |
| 105         | 92.4 70.4 105.6 |
| 106         | 70.6 61.2 91.8  |

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