

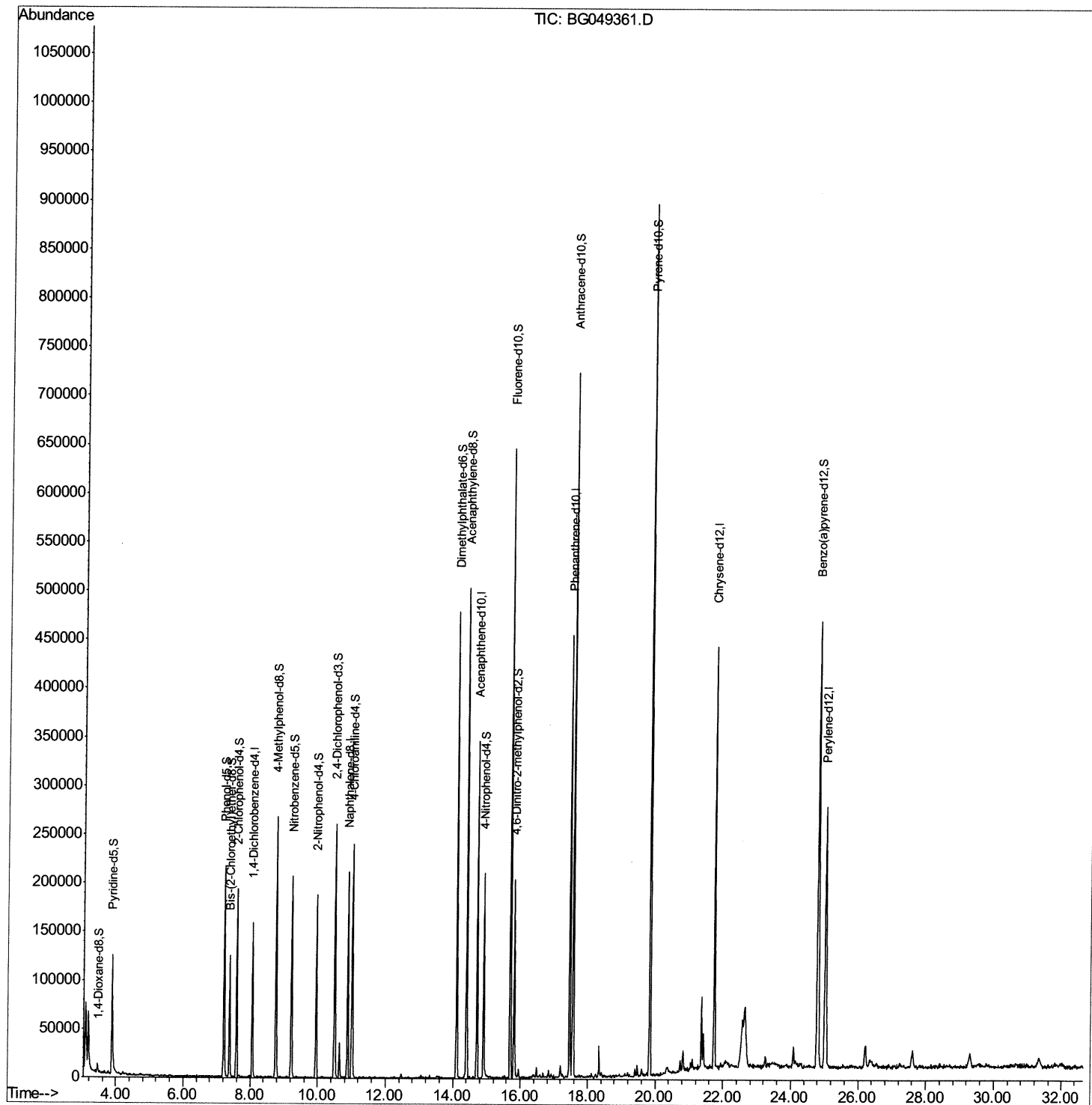
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\  
Data File : BG049361.D  
Acq On : 15 Jul 2021 14:04  
Operator : CG/JU  
Sample : M2971-07  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGE84

Manual Integrations  
APPROVED

mohammad  
7/16/2021 10:54:06 AM

Quant Time: Jul 15 14:50:41 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG070921.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 09 03:15:38 2021  
Response via : Initial Calibration



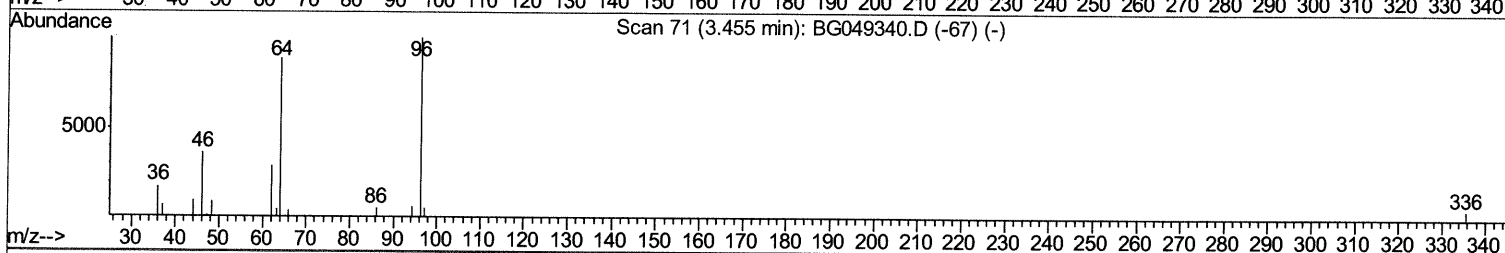
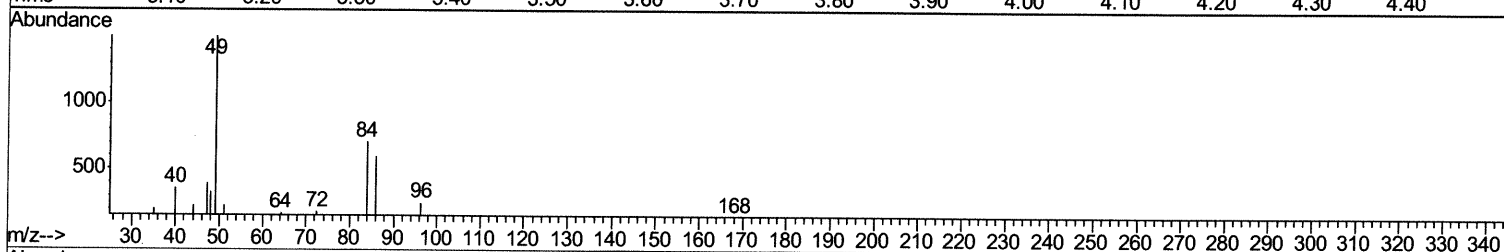
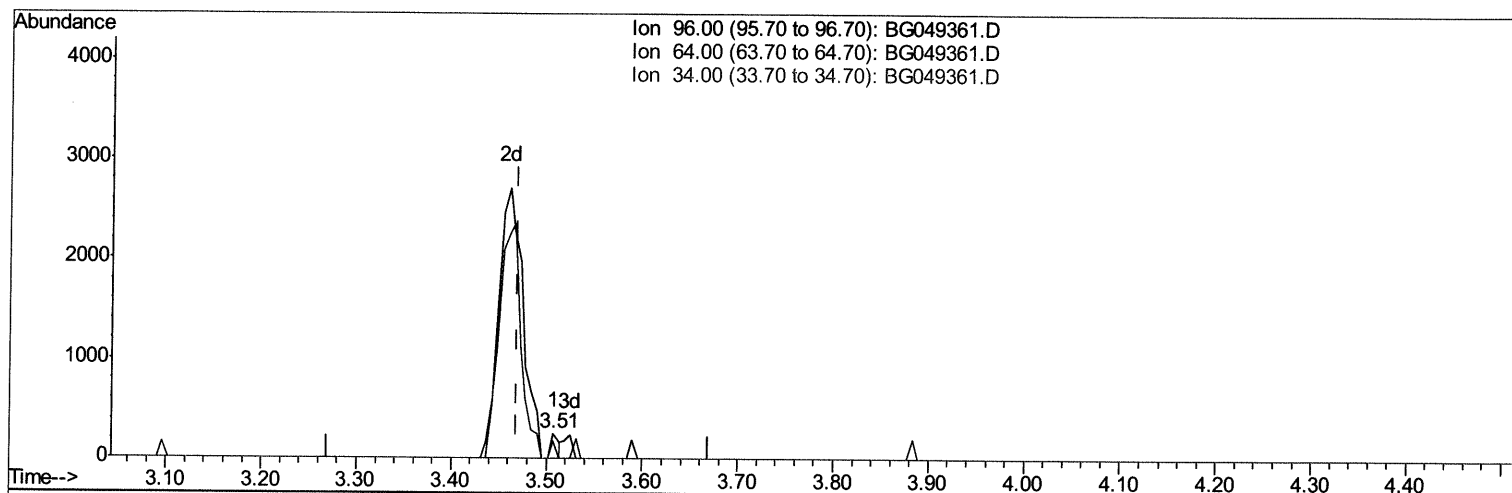
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TIC: BG049361.D

(3) 1,4-Dioxane-d8 (S)

3.507min (+0.038) 0.16ng/uL

response 145

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 62.20 | 67.61 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

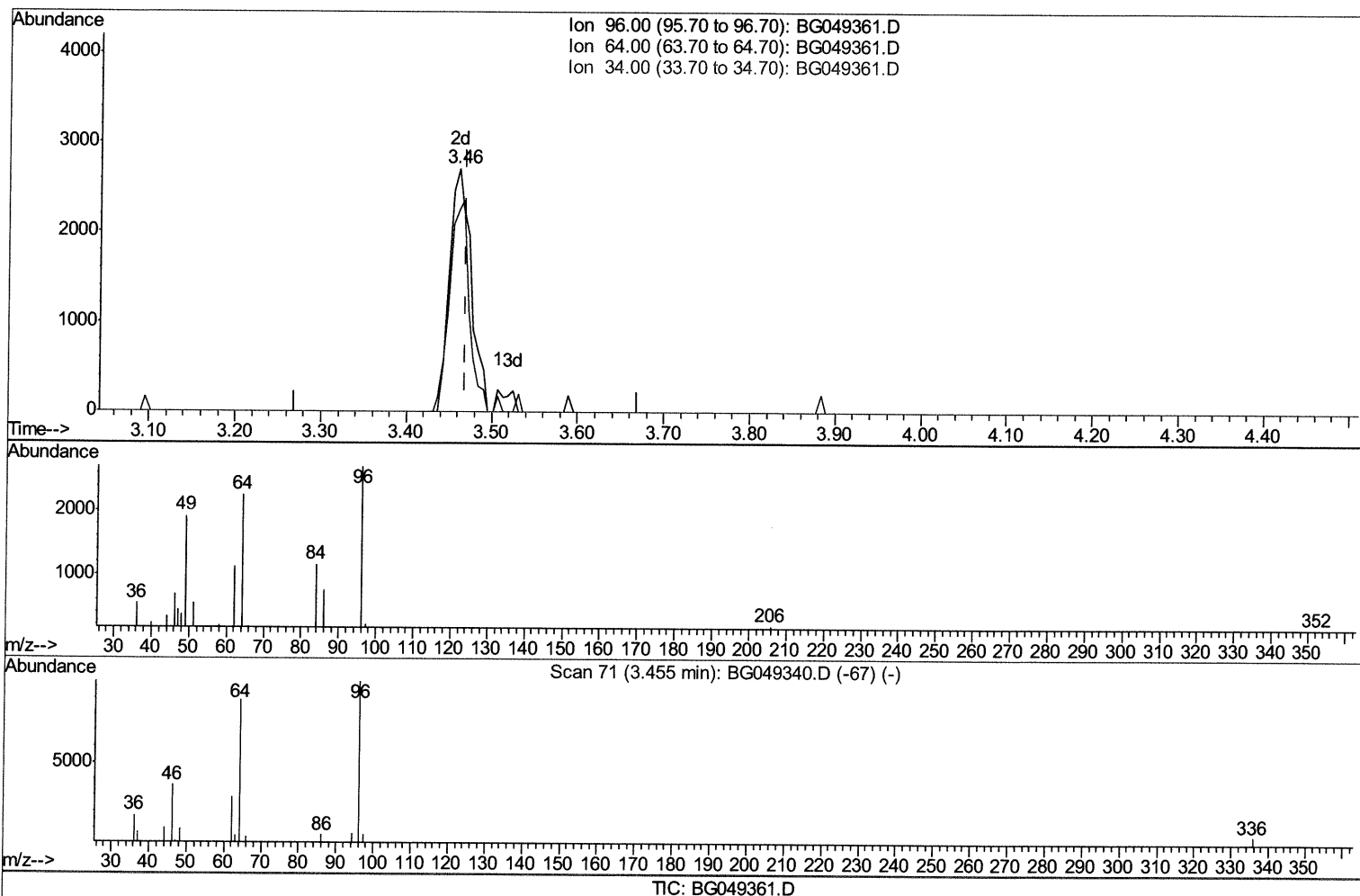
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ALS Vial : 36 Sample Multiplier: 1

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Manual Integrations  
APPROVED

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Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.460min (-0.009) 5.23ng/uL m 07/20/21 JU

response 4719

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 62.20 | 83.41# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071421\  
 Data File : BG049361.D  
 Acq On : 15 Jul 2021 14:04  
 Operator : CG/JU  
 Sample : M2971-07  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGE84

Manual Integrations  
 APPROVED

mohammad  
 7/16/2021 10:54:06 AM

Quant Time: Jul 15 14:50:41 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG070921.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 09 03:15:38 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 42463    | 20.00 | ng/ul | -0.02    |
| 20) Naphthalene-d8        | 10.89 | 136  | 172033   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.71 | 164  | 126232   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.46 | 188  | 278482   | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.74 | 240  | 281009   | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 25.03 | 264  | 300839   | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |         |       |         |       |             |
|--------------------------------|-------|-----|---------|-------|---------|-------|-------------|
| 3) 1,4-Dioxane-d8              | 3.46  | 96  | 4719m > | 5.23  | ng/uL > | 0.00  | 07/20/21 JV |
| 4) Pyridine-d5                 | 3.88  | 84  | 69092   | 26.03 | ng/ul   | 0.00  |             |
| 7) Phenol-d5                   | 7.22  | 99  | 107461  | 29.09 | ng/ul   | 0.00  |             |
| 9) Bis-(2-Chloroethyl)ether-d  | 7.39  | 67  | 62503   | 29.18 | ng/ul   | 0.00  |             |
| 11) 2-Chlorophenol-d4          | 7.60  | 132 | 81682   | 29.92 | ng/ul   | 0.00  |             |
| 15) 4-Methylphenol-d8          | 8.77  | 113 | 88819   | 30.01 | ng/ul   | 0.00  |             |
| 21) Nitrobenzene-d5            | 9.24  | 128 | 42583   | 32.26 | ng/ul   | 0.00  |             |
| 24) 2-Nitrophenol-d4           | 9.96  | 143 | 49449   | 32.63 | ng/ul   | -0.02 |             |
| 28) 2,4-Dichlorophenol-d3      | 10.50 | 165 | 93471   | 31.61 | ng/ul   | -0.02 |             |
| 31) 4-Chloroaniline-d4         | 11.02 | 131 | 113208  | 29.38 | ng/ul   | 0.00  |             |
| 46) Dimethylphthalate-d6       | 14.11 | 166 | 313545  | 32.30 | ng/ul   | 0.00  |             |
| 49) Acenaphthylene-d8          | 14.41 | 160 | 355811  | 31.24 | ng/ul   | 0.00  |             |
| 54) 4-Nitrophenol-d4           | 14.91 | 143 | 42624   | 26.53 | ng/ul   | 0.00  |             |
| 60) Fluorene-d10               | 15.70 | 176 | 261418  | 31.81 | ng/ul   | 0.00  |             |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 43549   | 24.60 | ng/ul   | 0.00  |             |
| 73) Anthracene-d10             | 17.56 | 188 | 430283  | 33.94 | ng/ul   | 0.00  |             |
| 81) Pyrene-d10                 | 19.85 | 212 | 510794  | 35.46 | ng/ul   | 0.00  |             |
| 92) Benzo(a)pyrene-d12         | 24.81 | 264 | 517696  | 33.10 | ng/ul   | 0.00  |             |

Target Compounds Ovalue

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