

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\  
 Data File : BM021701.D  
 Acq On : 29 Jul 2019 18:34  
 Operator : HP/JU  
 Sample : K3920-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A42M6

Quant Time: Jul 30 04:42:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072619MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 26 18:42:09 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 164771   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 689871   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 459004   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 958196   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.27 | 240  | 724610   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.51 | 264  | 751800   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 4705    | 1.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.86  | 99  | 79098   | 6.38  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67  | 197472  | 27.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 240129  | 23.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 157979  | 15.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 150187  | 29.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 169140  | 29.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 328739  | 27.02 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.63 | 131 | 50334   | 4.37  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 1134252 | 32.02 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.02 | 160 | 1262591 | 29.99 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.57 | 143 | 17637   | 3.28  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.32 | 176 | 982186  | 31.60 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 114779  | 19.27 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.18 | 188 | 1543576 | 32.01 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.48 | 212 | 1603556 | 39.45 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.37 | 264 | 1302142 | 32.74 | ng/ul | 0.00 |

## Target Compounds

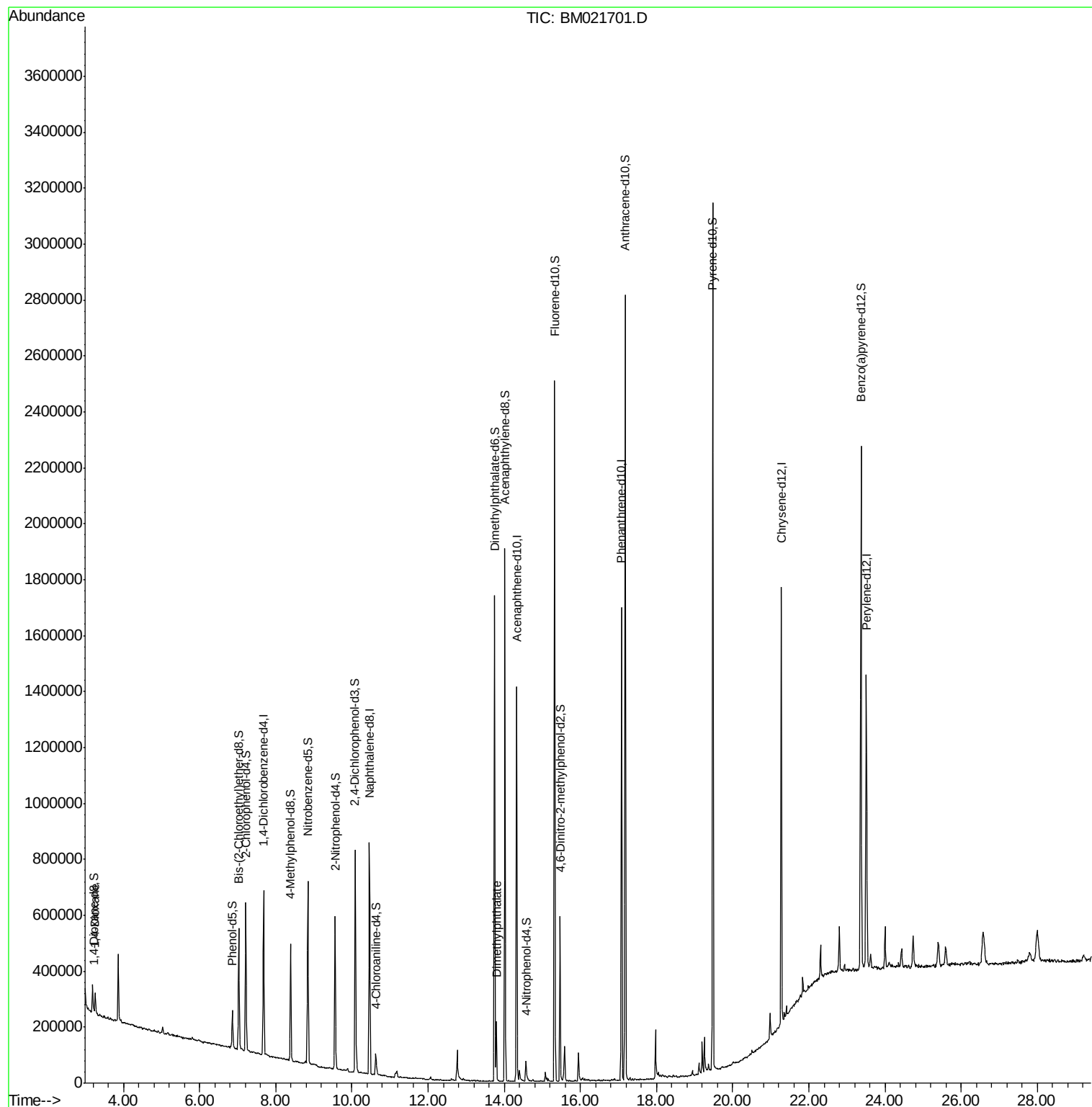
|                       |       |     |        |        | Ovalue   |
|-----------------------|-------|-----|--------|--------|----------|
| 2) 1,4-Dioxane        | 3.26  | 88  | 43965  | 12.778 | ng/uL 96 |
| 44) Dimethylphthalate | 13.79 | 163 | 131554 | 3.578  | ng/ul 99 |

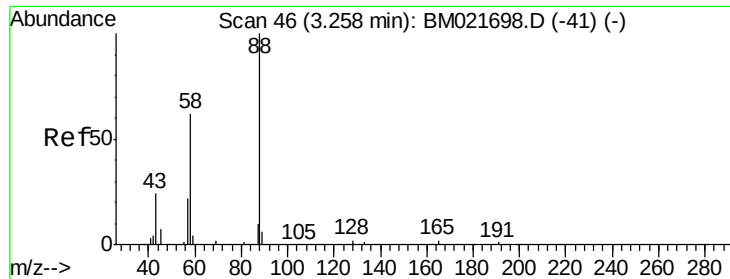
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 12.778 ng/uL

RT: 3.26 min Scan# 46

Delta R.T. -0.01 min

Lab File: BM021701.D

Acq: 29 Jul 2019 18:34

Instrument :

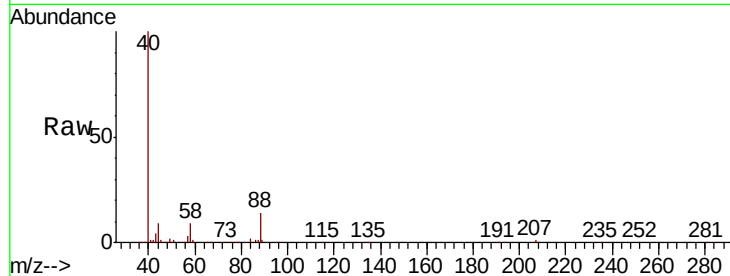
BNA\_M

ClientSampleId :

A42M6

Tot Ion: 88 Resp: 43965

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 28.6  | 28.2  | 42.2  |
| 58  | 62.8  | 49.9  | 74.9  |

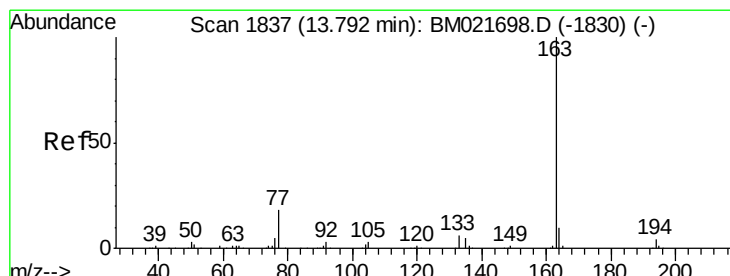
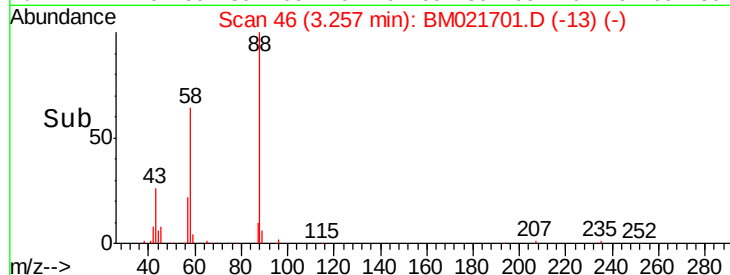


Abundance

Ion 88.00 (87.70 to 88.70): BM021698.D (-41) (-)

Ion 43.00 (42.70 to 43.70): BM021698.D (-41) (-)

Ion 58.00 (57.70 to 58.70): BM021698.D (-41) (-)



#44

Dimethylphthalate

Concen: 3.578 ng/uL

RT: 13.79 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BM021701.D

Acq: 29 Jul 2019 18:34

Tgt Ion: 163 Resp: 131554

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.5   | 3.5   | 5.3   |
| 164 | 9.6   | 8.1   | 12.1  |

