

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071618\  
 Data File : BM015961.D  
 Acq On : 16 Jul 2018 18:46  
 Operator : SJ/JU  
 Sample : J3967-16  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DB1F3

Manual Integrations  
 APPROVED

Sohil  
 7/17/2018 5:08:47 PM

Quant Time: Jul 17 03:27:11 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 17 03:03:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.26  | 152  | 48142    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.09 | 136  | 227242   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.89 | 164  | 143328   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.62 | 188  | 337591   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.74 | 240  | 422183   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.13 | 264  | 471358   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96   | 6325     | 5.78  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.43  | 99   | 25831    | 5.87  | ng/ul | 0.01     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.58  | 67   | 89612    | 32.38 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.79  | 132  | 94038    | 26.32 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.98  | 113  | 60624    | 16.09 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.45  | 128  | 55959    | 34.29 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.17 | 143  | 61830    | 33.33 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.71 | 165  | 111689   | 31.09 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0        | 0.00  | ng/ul |          |
| 43) Dimethylphthalate-d6       | 14.29 | 166  | 436616   | 33.42 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.59 | 160  | 483403   | 32.44 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.13 | 143  | 10794m   | 4.77  | ng/ul | 0.03     |
| 57) Fluorene-d10               | 15.87 | 176  | 361321   | 32.60 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 16.00 | 200  | 58244    | 25.85 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.72 | 188  | 587011   | 33.96 | ng/ul | 0.00     |
| 78) Pyrene-d10                 | 19.97 | 212  | 701771   | 35.86 | ng/ul | 0.00     |
| 89) Benzo(a)pyrene-d12         | 23.98 | 264  | 898780   | 34.67 | ng/ul | 0.01     |

| Target Compounds | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane   | 3.53 | 88   | 2845     | 2.667 | ng/uL | 85     |

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

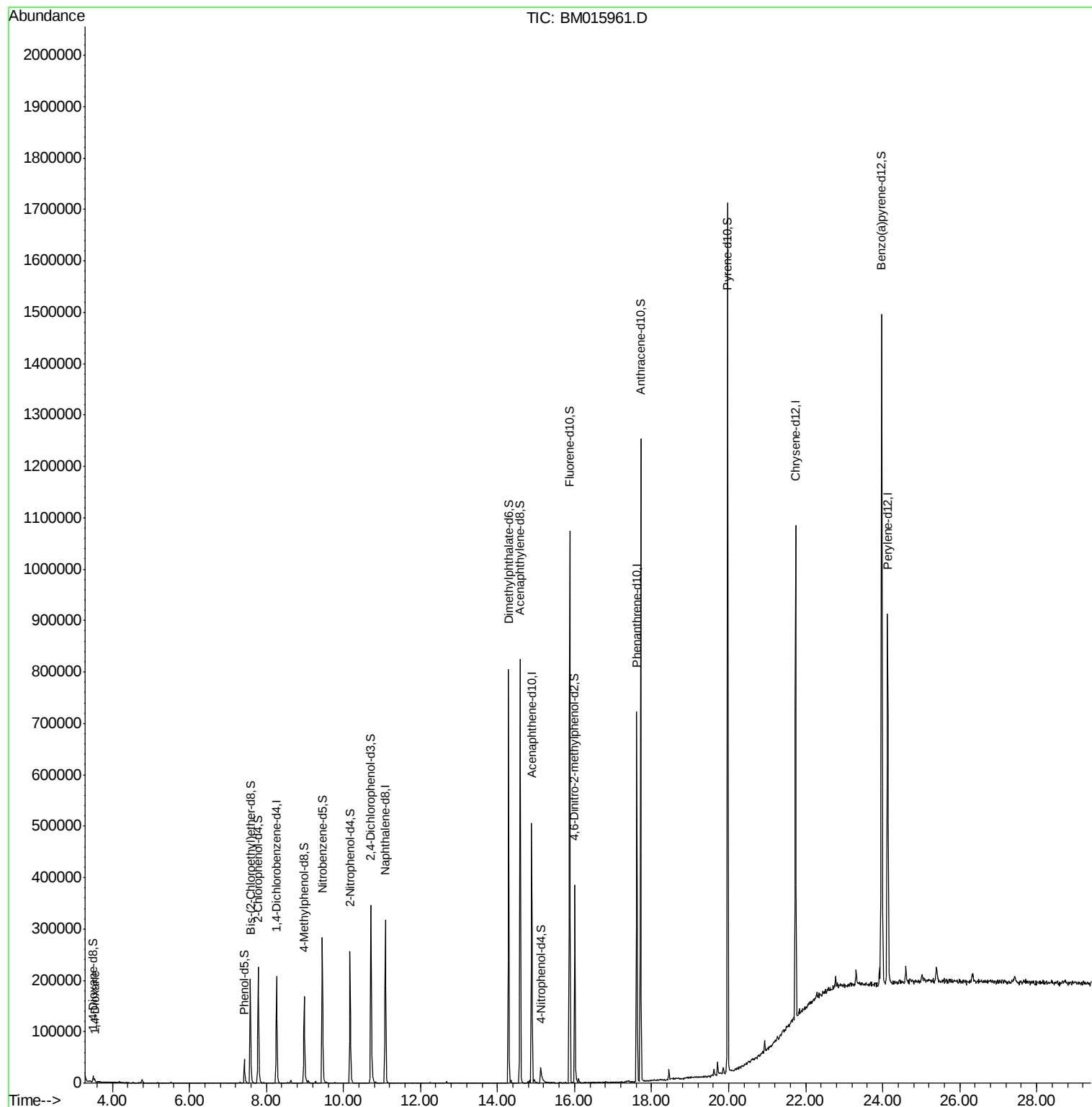
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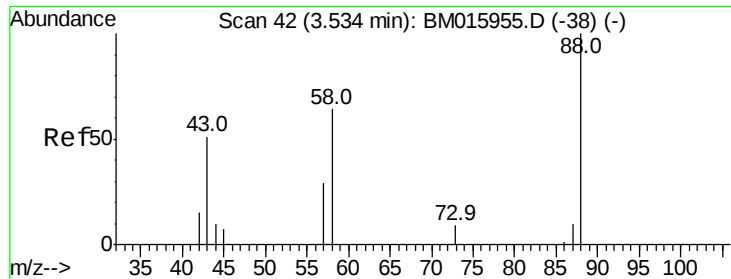
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#2

1,4-Dioxane

Concen: 2.667 ng/uL

RT: 3.53 min Scan# 42

Delta R.T. -0.00 min

Lab File: BM015961.D

Acq: 16 Jul 2018 18:46

Instrument :

BNA\_M

ClientSampleId :

DB1F3

Tot Ion: 88 Resp: 2845

Ion Ratio Lower Upper

88 100

43 47.7 32.0 48.0

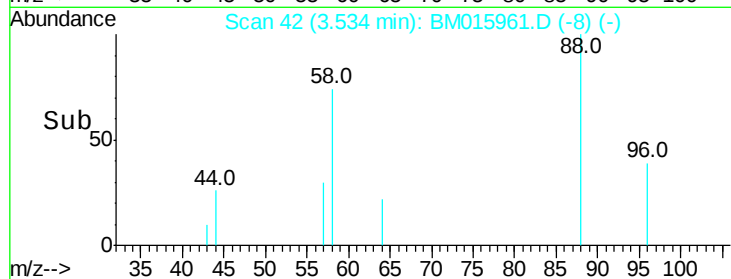
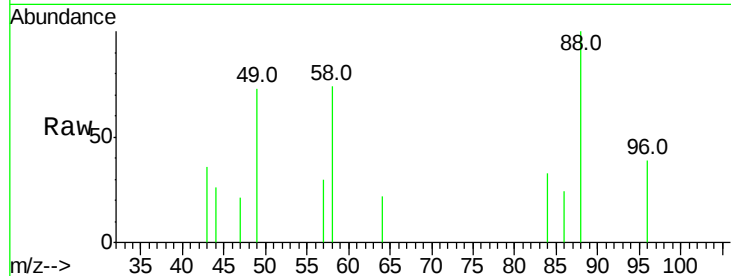
58 74.5 72.0 108.0

Manual Integrations

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Abundance Ion 88.00 (87.70 to 88.70): BM015961.D (-8) (-)

Ion 43.00 (42.70 to 43.70): BM015961.D (-8) (-)

Ion 58.00 (57.70 to 58.70): BM015961.D (-8) (-)

