

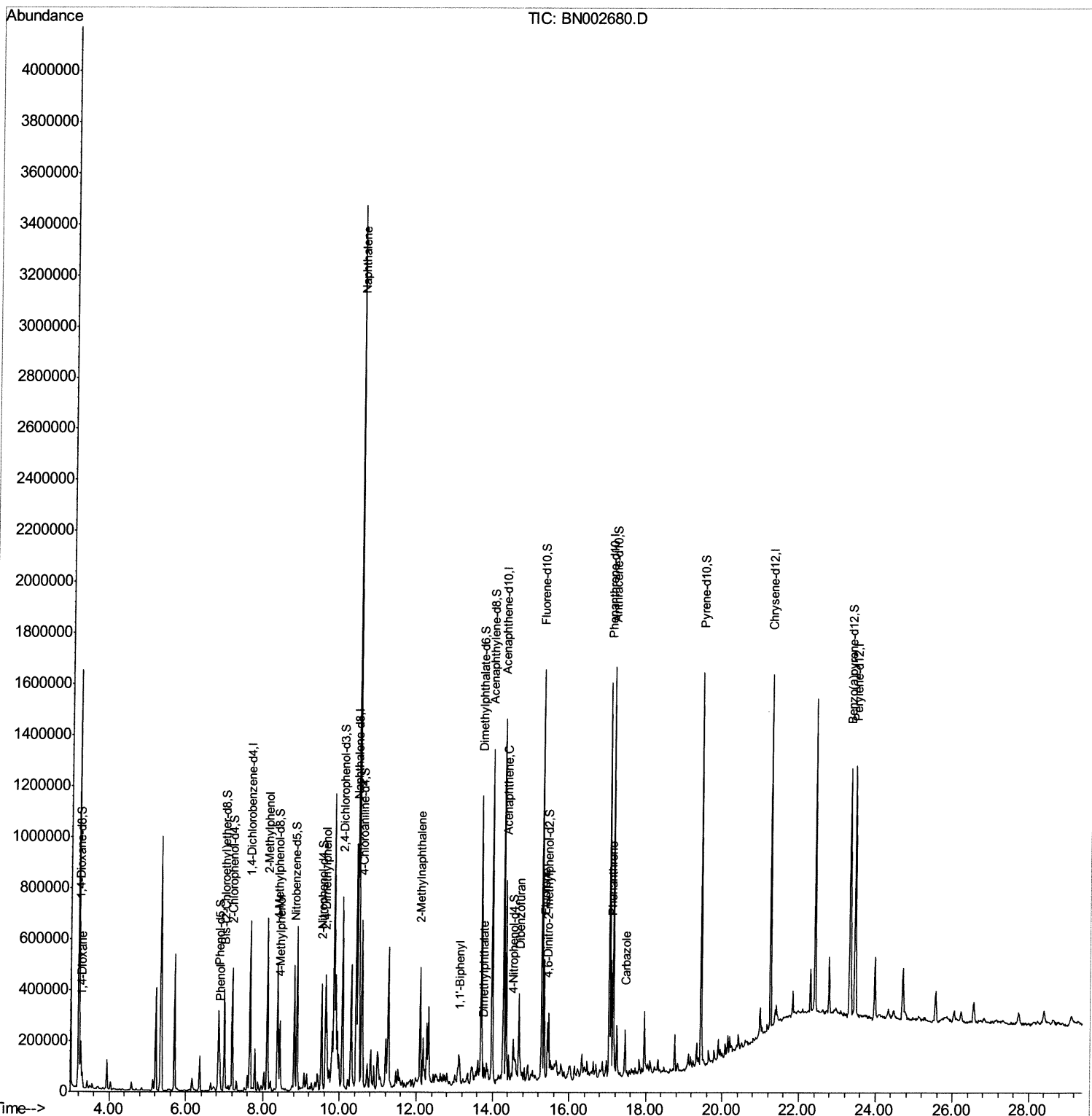
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091318\  
Data File : BN002680.D  
Acq On : 13 Sep 2018 17:56  
Operator : JU/SJ  
Sample : J4864-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0D08

Manual Integrations  
APPROVED

Sohil  
9/14/2018 5:15:48 PM

Quant Time: Sep 13 18:29:37 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 13 05:59:25 2018  
Response via : Initial Calibration



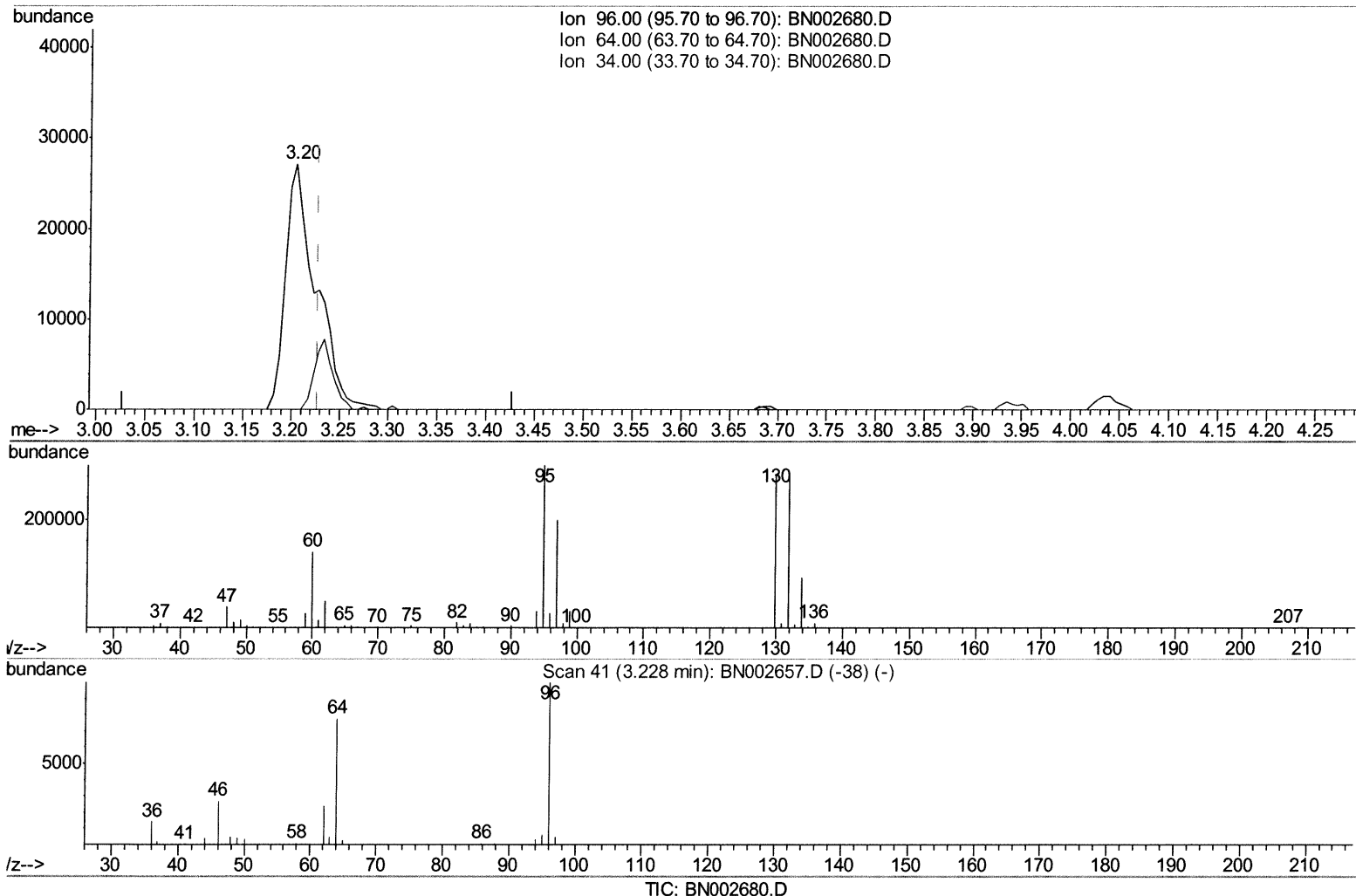
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(3) 1,4-Dioxane-d8 (S)

3.205min (-0.023) 16.14ng/uL

response 59785

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 67.80 | 0.00# |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

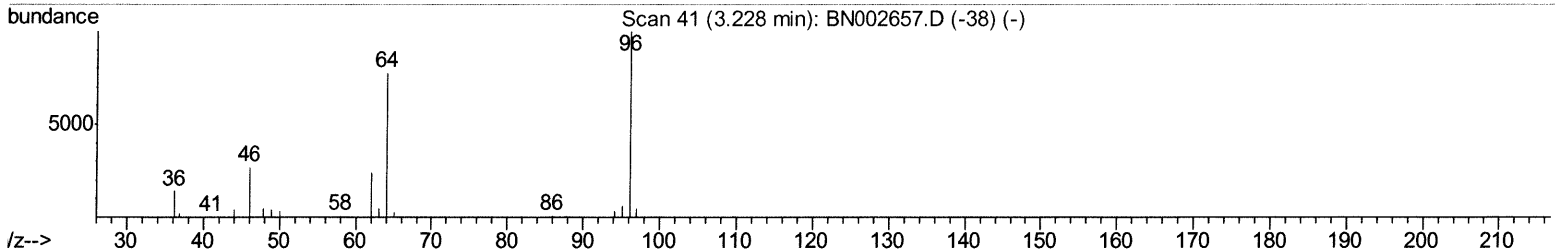
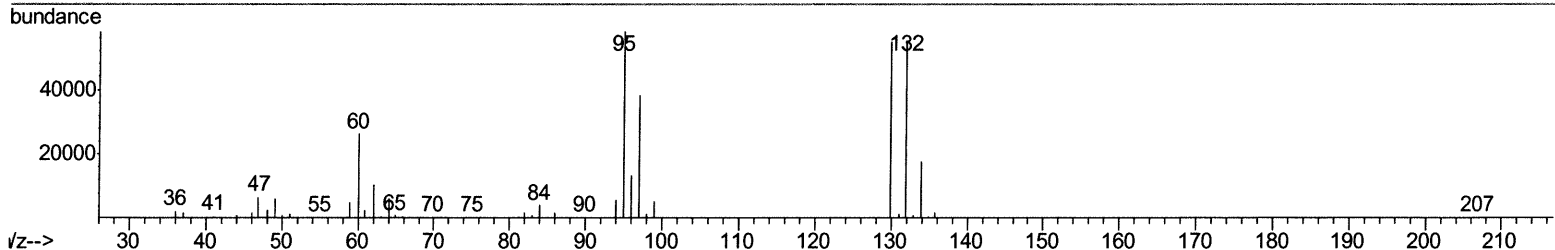
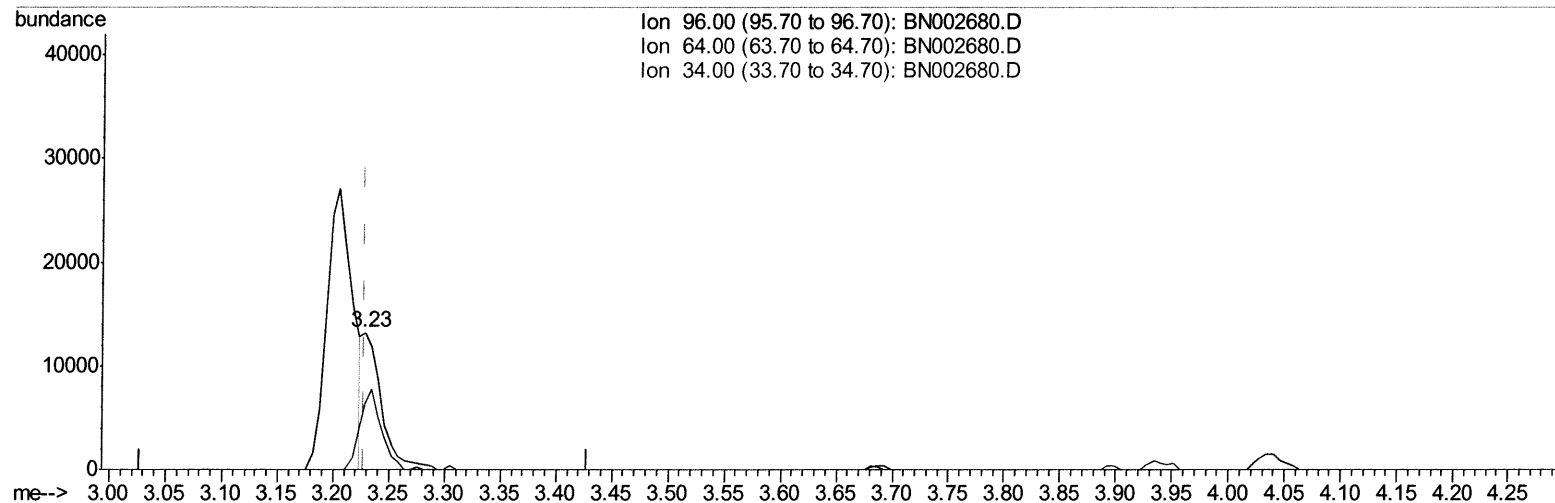
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 C0D08

Manual Integrations  
 APPROVED

Sohil  
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 Response via : Initial Calibration



TIC: BN002680.D

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

3.228min (+0.000) 4.27ng/uL m > 50 9/17/18

response 15801

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 67.80 | 0.00# |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

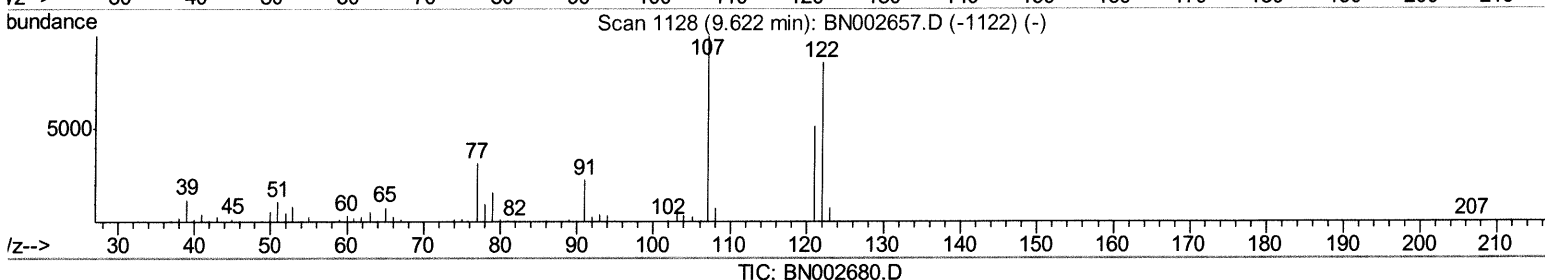
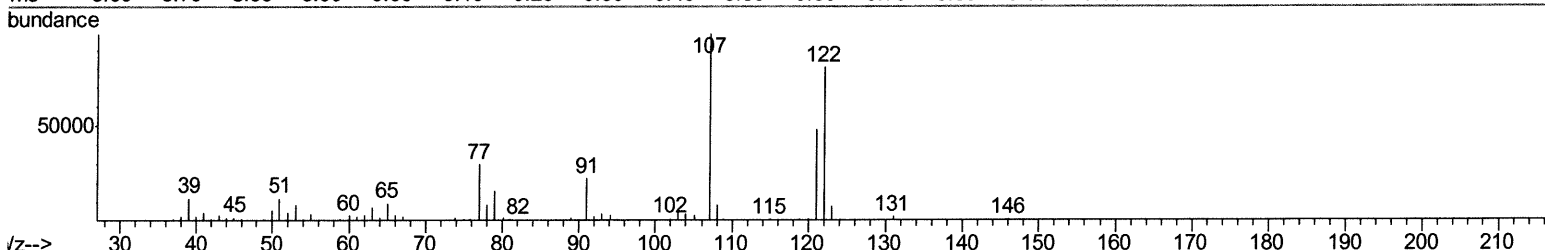
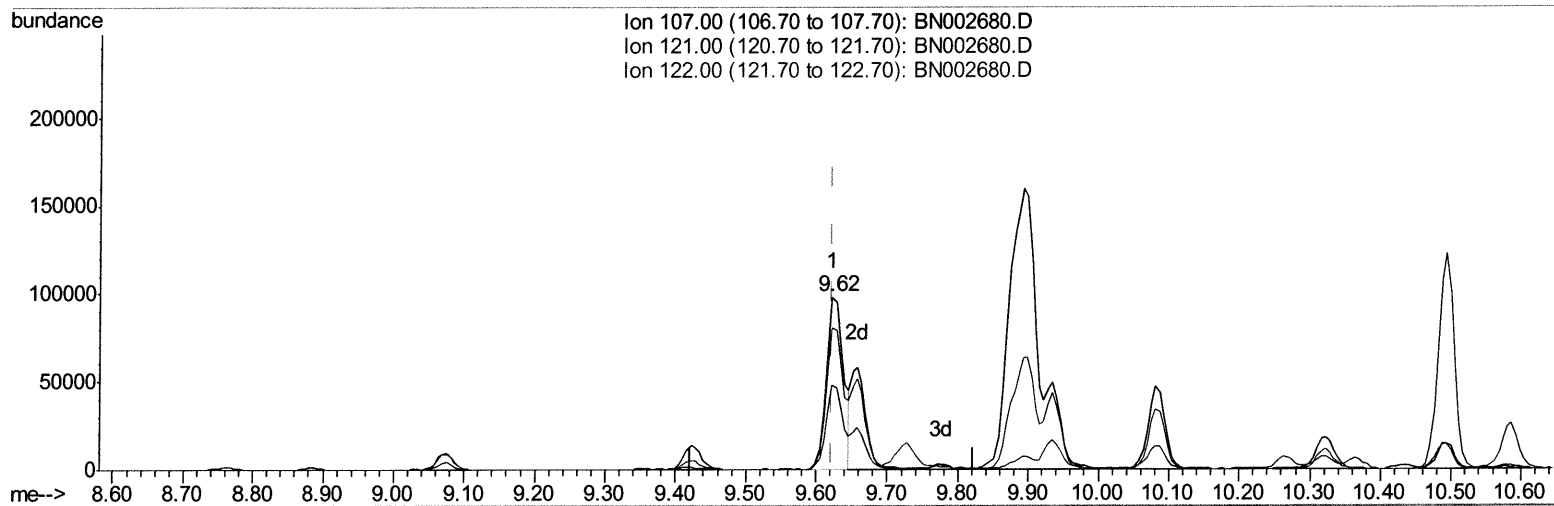
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 Operator : JU/SJ  
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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0D08

Manual Integrations  
 APPROVED

Sohil  
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TIC: BN002680.D

(24) 2,4-Dimethylphenol

9.622min (+0.000) 11.76ng/ul

response 167365

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 107.00 | 100   | 100   |
| 121.00 | 50.80 | 48.59 |
| 122.00 | 84.70 | 82.23 |
| 0.00   | 0.00  | 0.00  |

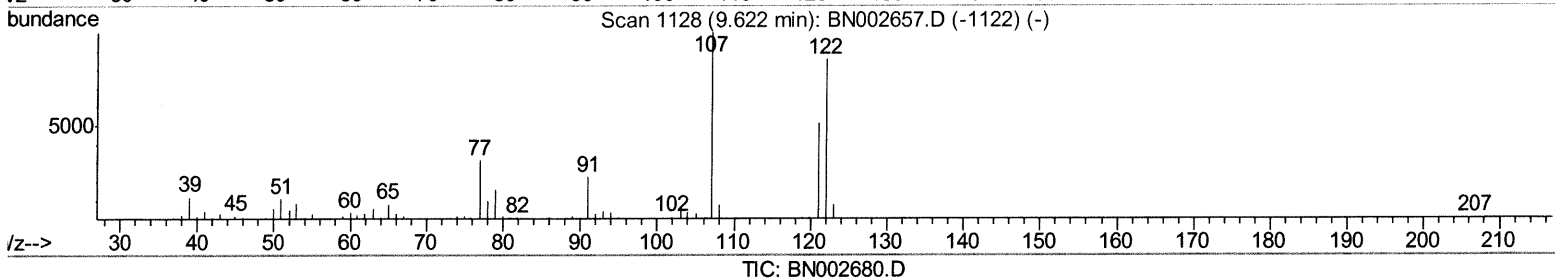
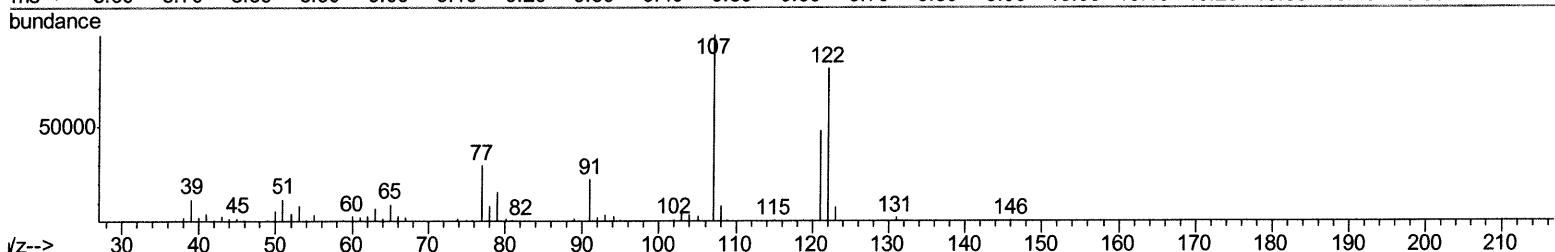
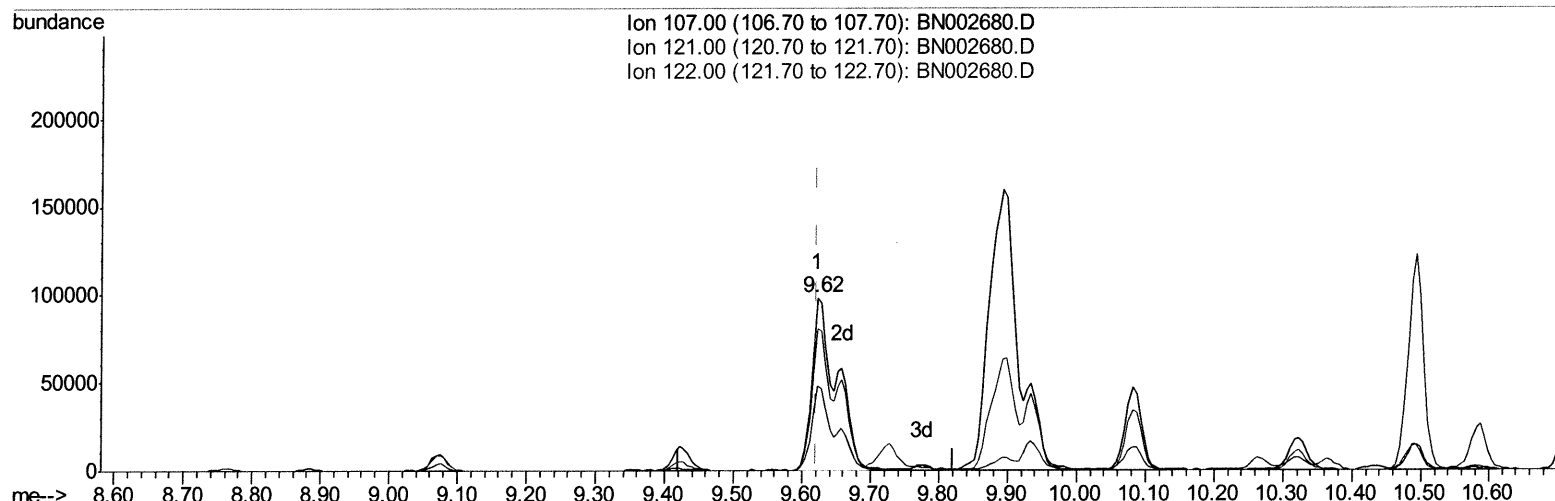
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 Operator : JU/SJ  
 Sample : J4864-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 C0D08

Manual Integrations  
 APPROVED

Sohil  
 9/14/2018 5:15:48 PM

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 Response via : Initial Calibration



(24) 2,4-Dimethylphenol

9.622min (+0.000) 17.37ng/ul m

SD 9/17/18

response 247095

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 107.00 | 100   | 100   |
| 121.00 | 50.80 | 48.59 |
| 122.00 | 84.70 | 82.23 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091318\  
 Data File : BN002680.D  
 Acq On : 13 Sep 2018 17:56  
 Operator : JU/SJ  
 Sample : J4864-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0D08

Manual Integrations  
 APPROVED

Sohil  
 9/14/2018 5:15:48 PM

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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 174840   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 788633   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.29 | 164  | 458378   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.05 | 188  | 906388   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.25 | 240  | 647273   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.46 | 264  | 658500   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 15801m | 4.27  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 177045 | 11.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 176804 | 17.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 215400 | 17.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 194688 | 15.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.81  | 128 | 119559 | 19.05 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 137285 | 20.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 243229 | 20.05 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.58 | 131 | 312179 | 23.81 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.70 | 166 | 744271 | 19.59 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.98 | 160 | 923697 | 19.82 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.54 | 143 | 54078  | 7.53  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.29 | 176 | 621379 | 18.86 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 43568  | 7.55  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.14 | 188 | 867601 | 20.04 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.45 | 212 | 766907 | 24.76 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.32 | 264 | 660513 | 19.18 | ng/ul | 0.00 |

SD 9/17/18

#### Target Compounds

|                         |       |     |         |        | Qvalue |     |
|-------------------------|-------|-----|---------|--------|--------|-----|
| 2) 1,4-Dioxane          | 3.26  | 88  | 78308   | 19.760 | ng/uL# | 92  |
| 6) Phenol               | 6.88  | 94  | 76023   | 4.657  | ng/ul  | 96  |
| 11) 2-Methylphenol      | 8.11  | 108 | 229375  | 18.616 | ng/ul  | 100 |
| 16) 4-Methylphenol      | 8.43  | 108 | 113200  | 8.445  | ng/ul  | 94  |
| 24) 2,4-Dimethylphenol  | 9.62  | 107 | 247095m | 17.365 | ng/ul  |     |
| 28) Naphthalene         | 10.48 | 128 | 2015251 | 49.666 | ng/ul  | 100 |
| 34) 2-Methylnaphthalene | 12.09 | 142 | 208994  | 6.979  | ng/ul  | 98  |
| 40) 1,1'-Biphenyl       | 13.12 | 154 | 43739   | 1.192  | ng/ul  | 97  |
| 44) Dimethylphthalate   | 13.75 | 163 | 45931   | 1.232  | ng/ul# | 96  |
| 49) Acenaphthene        | 14.36 | 153 | 293665  | 9.380  | ng/ul  | 98  |
| 53) Dibenzofuran        | 14.69 | 168 | 200022  | 4.529  | ng/ul  | 96  |
| 58) Fluorene            | 15.35 | 166 | 200170  | 5.539  | ng/ul  | 99  |
| 69) Phenanthrene        | 17.09 | 178 | 261621  | 5.236  | ng/ul  | 99  |
| 74) Carbazole           | 17.45 | 167 | 98241   | 2.186  | ng/ul  | 98  |

SD 9/17/18

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