

# Quantitation Report (LSC Reviewed)

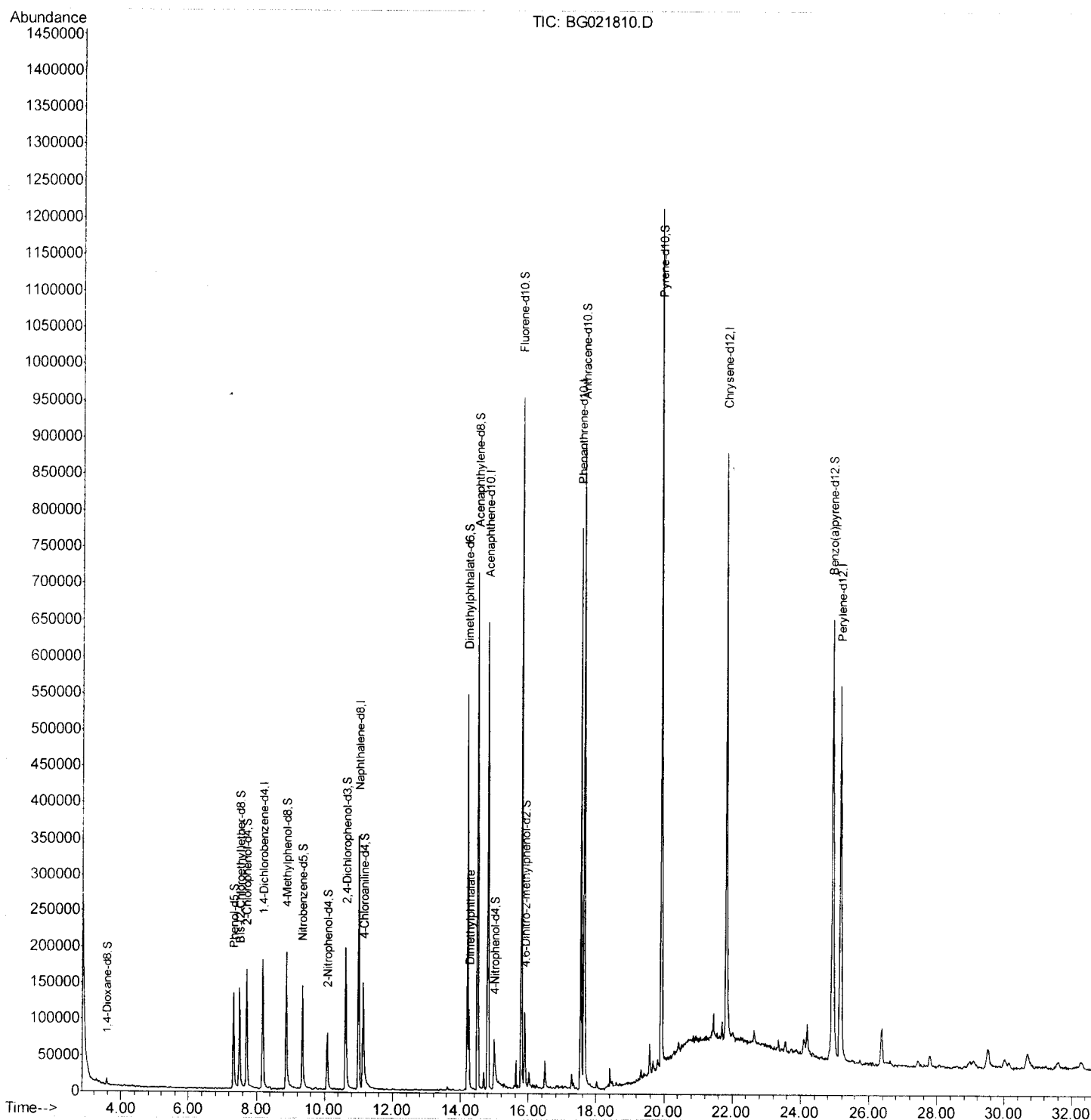
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG051016\  
 Data File : BG021810.D  
 Acq On : 10 May 2016 10:46  
 Operator : UM/SJ  
 Sample : H2938-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XA4

Manual Integrations  
 APPROVED

sohil  
 5/11/2016 8:25:56 PM

Quant Time: May 11 11:06:52 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG050916.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 11 02:37:33 2016  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

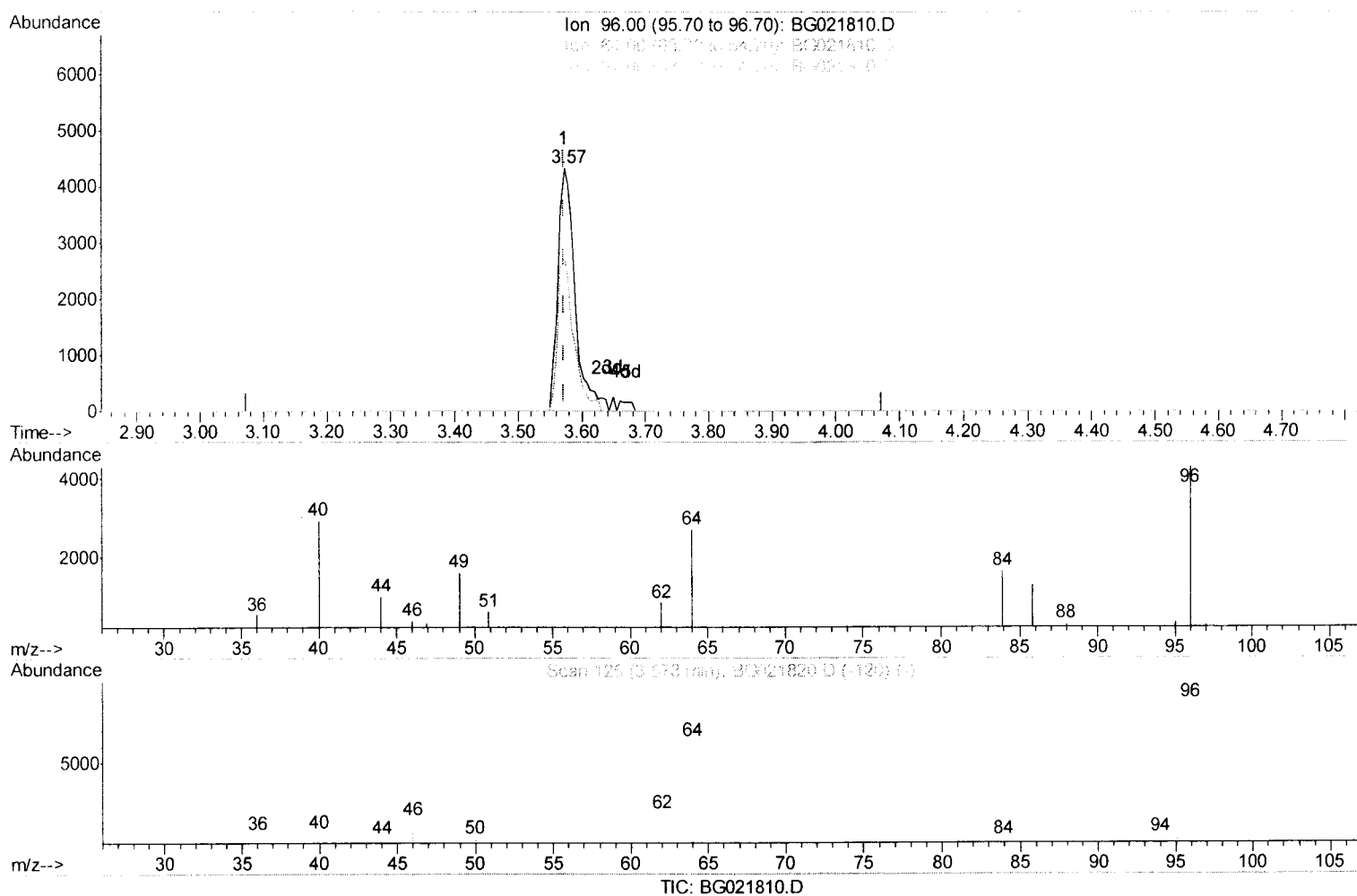
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(3) 1,4-Dioxane-d8 (S)

3.572min (-0.000) 5.02ng/uL m

response 8162

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 66.20 | 62.67 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

U.M  
 05/13/16

## Quantitation Report (Qedit)

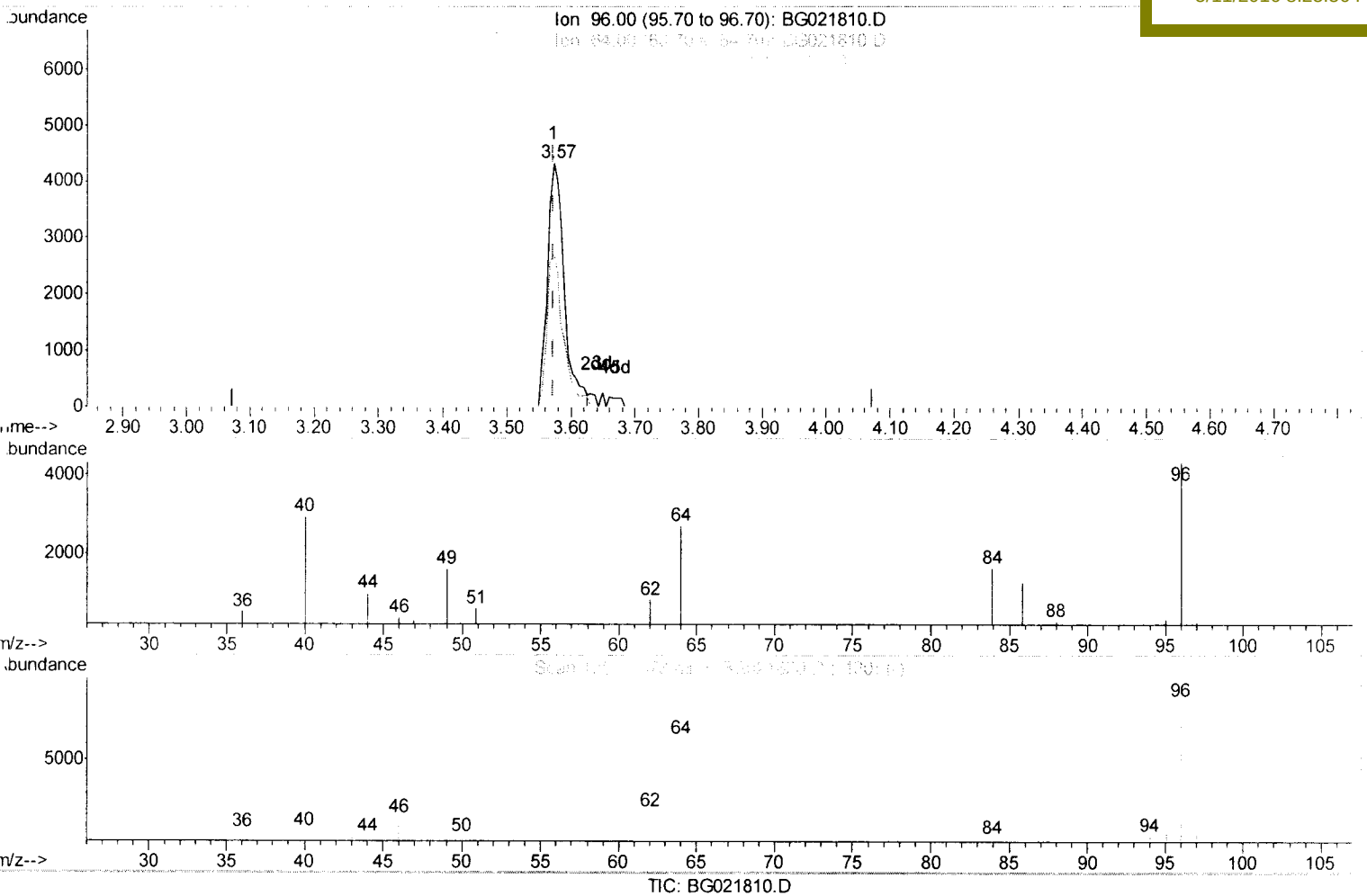
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG051016\  
Data File : BG021810.D  
Acq On : 10 May 2016 10:46  
Operator : UM/SJ  
Sample : H2938-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
D9XA4

Quant Time: May 11 19:15:24 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG050916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 11 02:37:33 2016  
Response via : Initial Calibration

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

3.572min (-0.000) 4.92ng/uL

response 7999

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 66.20 | 62.67 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

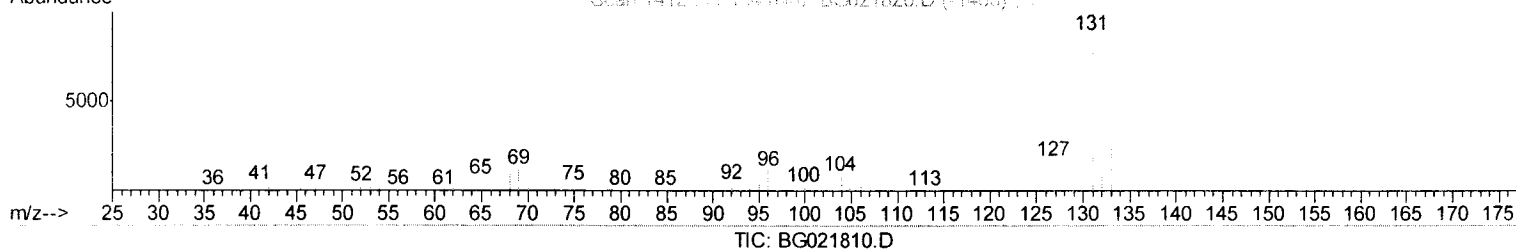
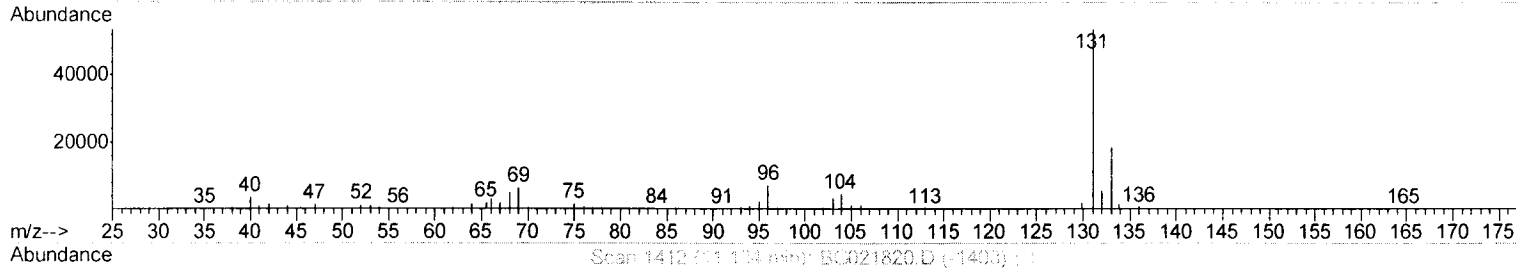
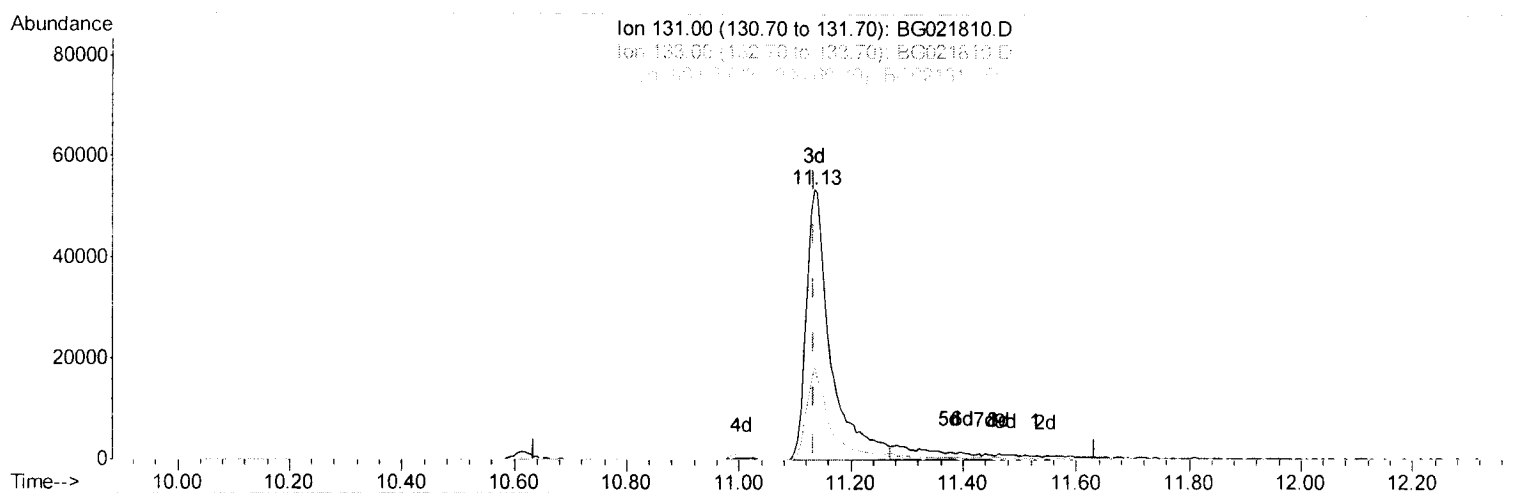
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 Data File : BG021810.D  
 Acq On : 10 May 2016 10:46  
 Operator : UM/SJ  
 Sample : H2938-04  
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Instrument :  
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Manual Integrations  
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(29) 4-Chloroaniline-d4 (S)

11.134min (-0.000) 30.90ng/ul m *U.M.*  
*05/13/16*

response 162484

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 34.60 | 34.71  |
| 69.00  | 23.00 | 12.08# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

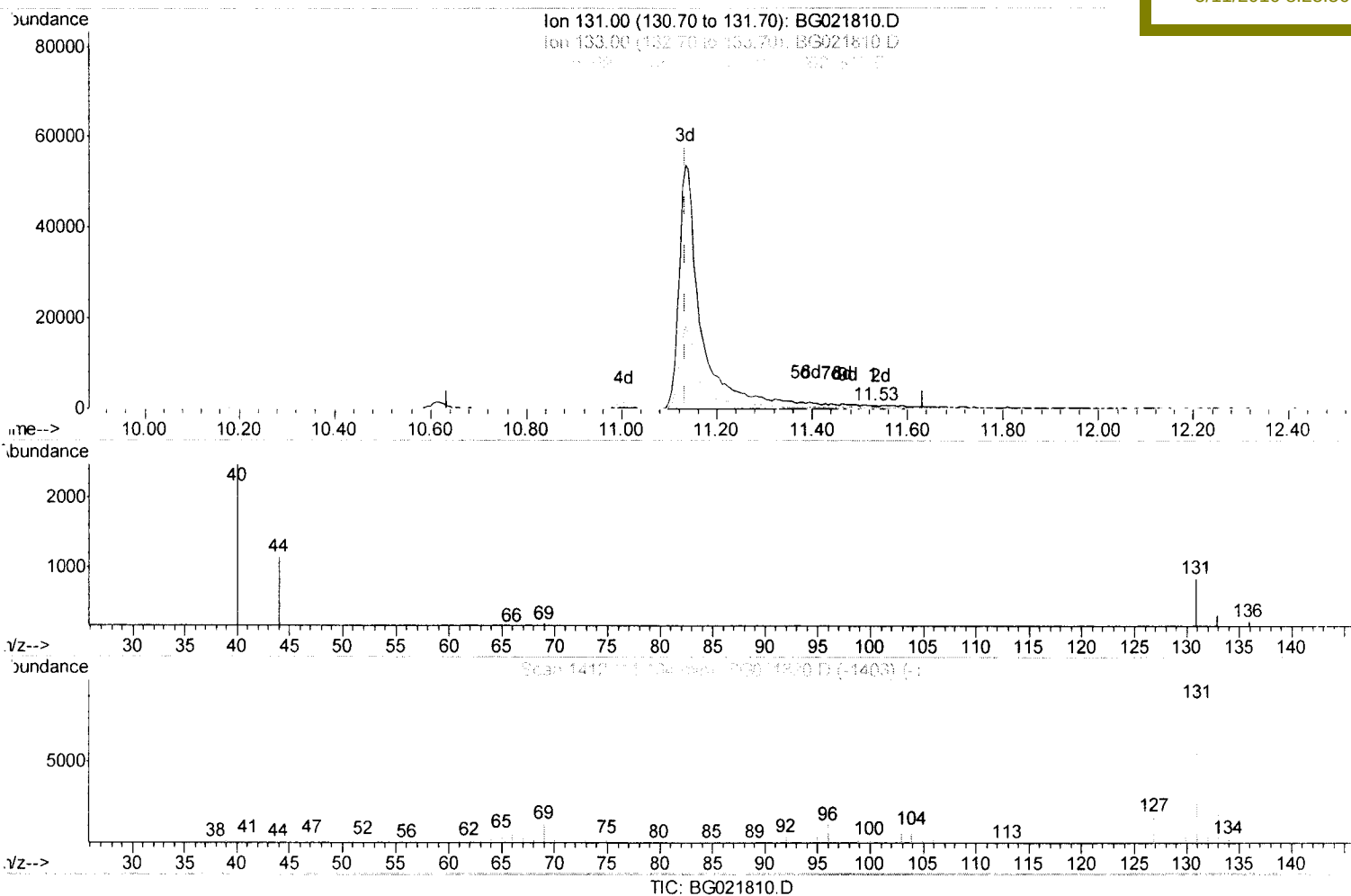
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG051016\  
Data File : BG021810.D  
Acq On : 10 May 2016 10:46  
Operator : UM/SJ  
Sample : H2938-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

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Manual Integrations  
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(29) 4-Chloroaniline-d4 (S)

11.528min (+0.393) 0.04ng/ul

response 210

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 34.60 | 37.65 |
| 69.00  | 23.00 | 21.26 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

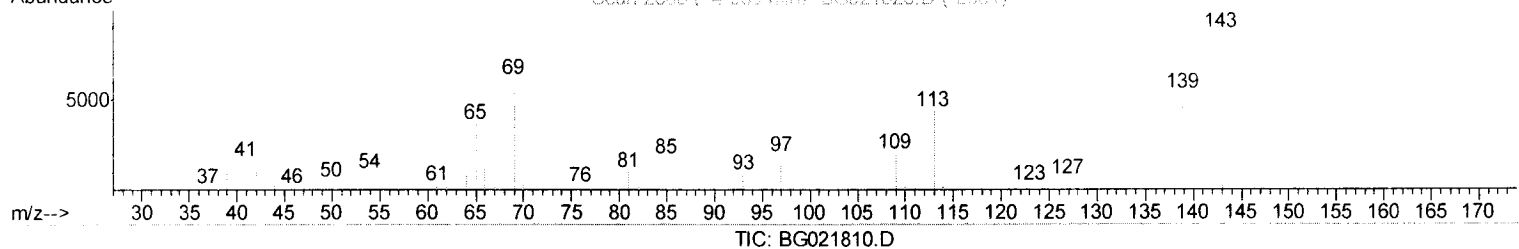
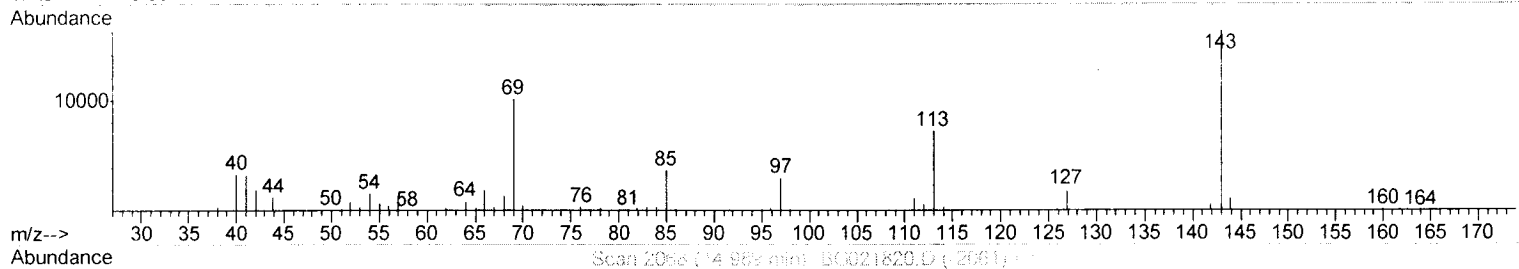
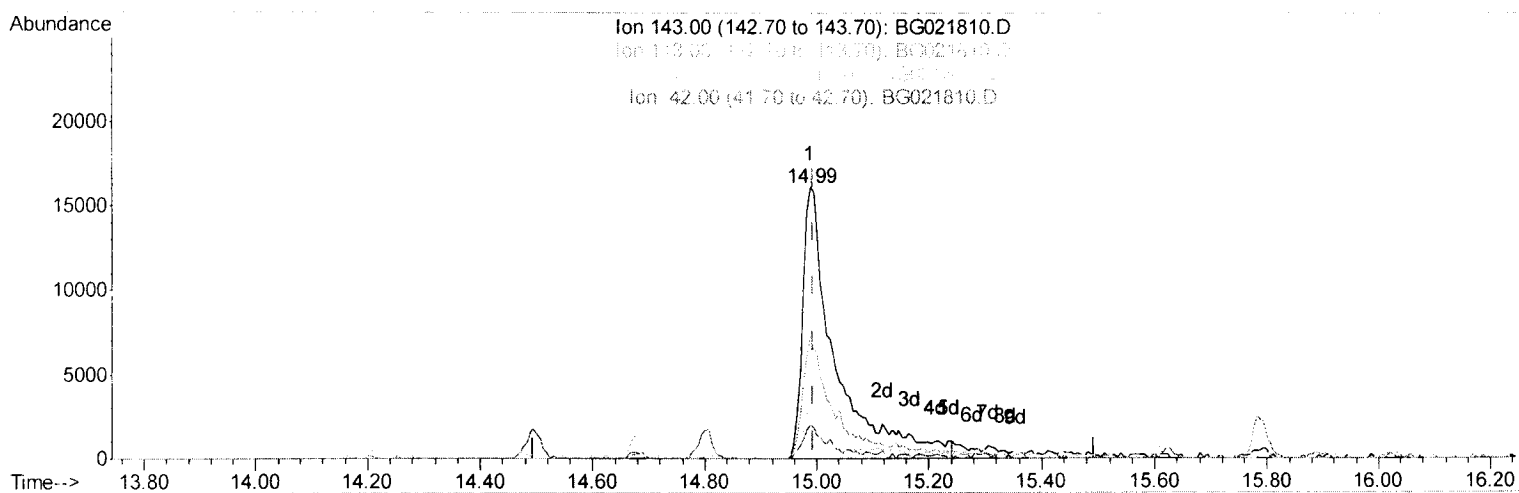
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG051016\  
 Data File : BG021810.D  
 Acq On : 10 May 2016 10:46  
 Operator : UM/SJ  
 Sample : H2938-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

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Manual Integrations  
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TIC: BG021810.D

(52) 4-Nitrophenol-d4 (S)

14.988min (-0.006) 20.91ng/ul m U.M  
 response 65628 05/13/16

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 102.70 | 44.99# |
| 41.00  | 49.70  | 20.33# |
| 42.00  | 33.70  | 12.17# |

# Quantitation Report (Qedit)

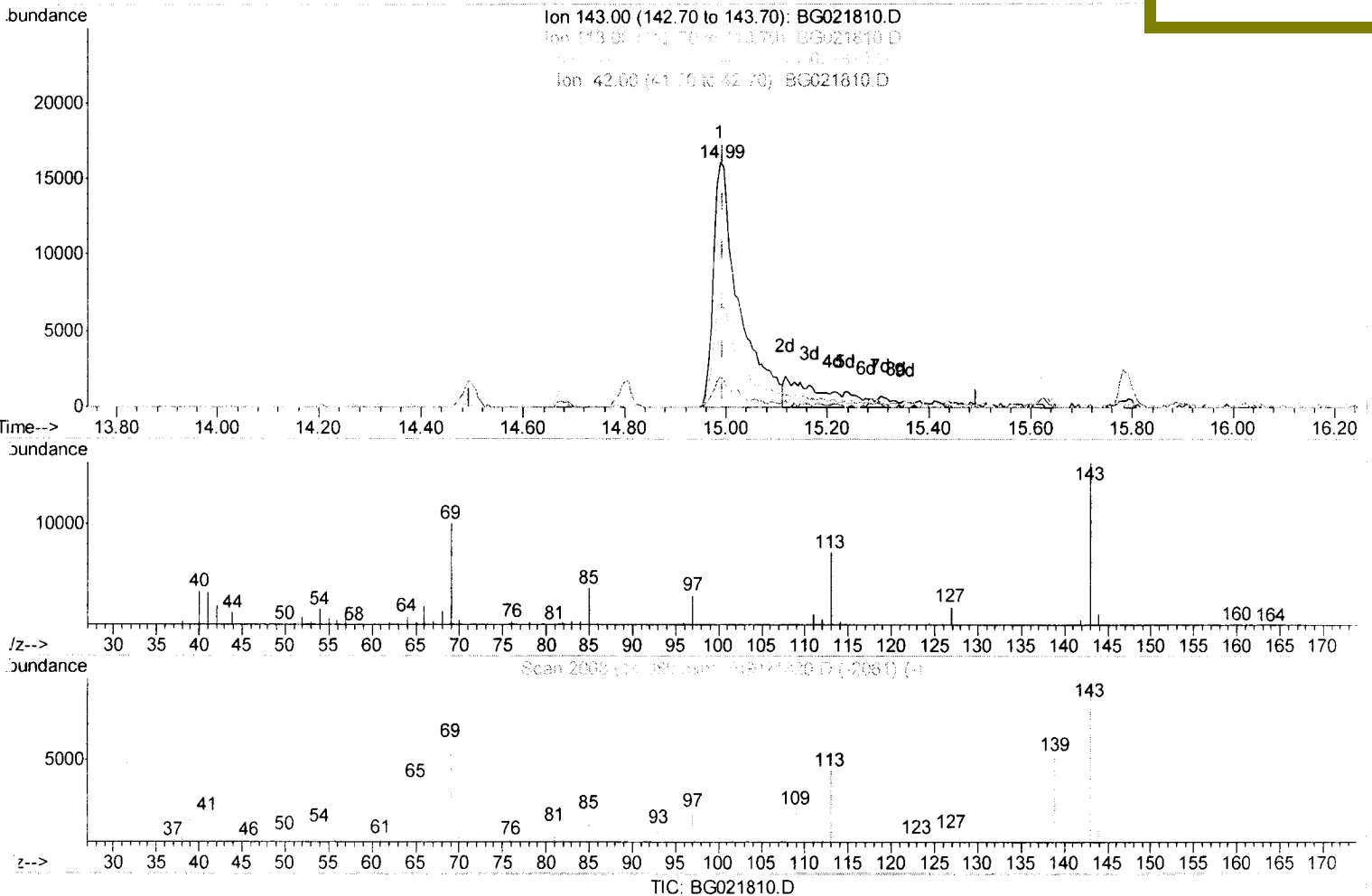
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG051016\  
 Data File : BG021810.D  
 Acq On : 10 May 2016 10:46  
 Operator : UM/SJ  
 Sample : H2938-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XA4

Manual Integrations  
 APPROVED

sohil  
 5/11/2016 8:25:56 PM

Quant Time: May 11 19:15:24 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG050916.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



(52) 4-Nitrophenol-d4 (S)

14.988min (-0.006) 17.96ng/ul

response 56380

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 102.70 | 44.99# |
| 41.00  | 49.70  | 20.33# |
| 42.00  | 33.70  | 12.17# |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG051016\  
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 Operator : UM/SJ  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 78458    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 415750   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.80 | 164  | 260674   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.54 | 188  | 564248   | 20.00 | ng/ul | 0.00     |
| 76) Chrysene-d12          | 21.83 | 240  | 588738   | 20.00 | ng/ul | 0.00     |
| 84) Perylene-d12          | 25.15 | 264  | 576610   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.57  | 96  | 8162m   | 5.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.33  | 99  | 142154  | 24.42 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.50  | 67  | 76267   | 26.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.71  | 132 | 128845  | 28.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.88  | 113 | 122998  | 25.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.35  | 128 | 74599   | 27.29 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.08 | 143 | 53183   | 30.80 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.61 | 165 | 129715  | 26.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.13 | 131 | 162484m | 30.90 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.20 | 166 | 485388  | 26.51 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.49 | 160 | 664517  | 25.56 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.99 | 143 | 65628m  | 20.91 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.79 | 176 | 462489  | 23.99 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 38431   | 24.59 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.64 | 188 | 649106  | 23.63 | ng/ul | 0.00 |
| 77) Pyrene-d10                 | 19.91 | 212 | 709150  | 25.73 | ng/ul | 0.00 |
| 88) Benzo(a)pyrene-d12         | 24.92 | 264 | 687858  | 25.11 | ng/ul | 0.00 |

| Target Compounds      |       |     |       |            | Qvalue |
|-----------------------|-------|-----|-------|------------|--------|
| 45) Dimethylphthalate | 14.25 | 163 | 93998 | 5.04 ng/ul | 98     |

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

U.M  
 05/13/16