

# Quantitation Report (QT Reviewed)

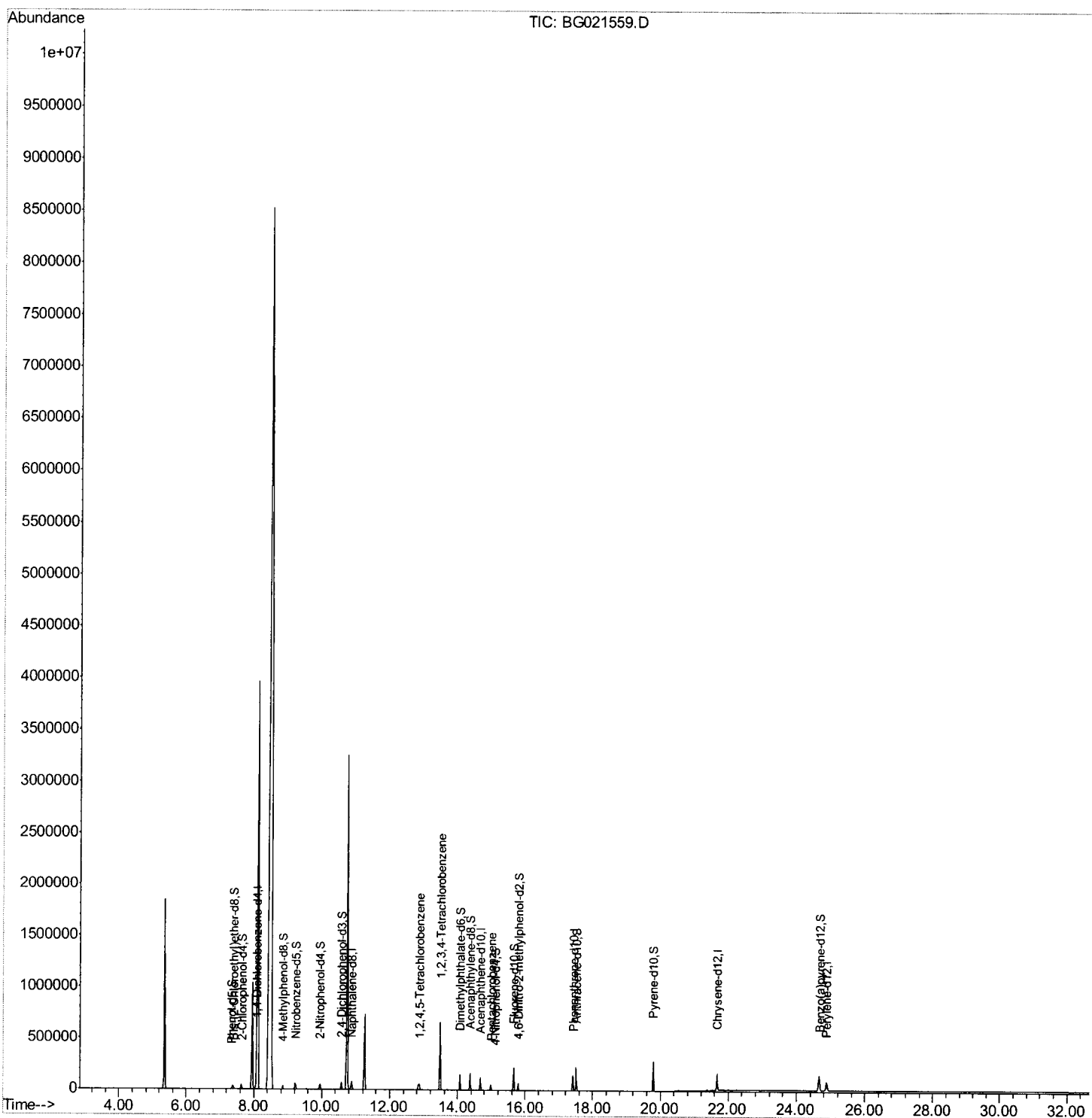
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032916\  
 Data File : BG021559.D  
 Acq On : 29 Mar 2016 19:36  
 Operator : UM/SJ  
 Sample : H1935-08  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AD9

Manual Integrations  
 APPROVED

Sohil  
 3/30/2016 7:12:14 PM

Quant Time: Mar 30 02:01:47 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 30 01:34:35 2016  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

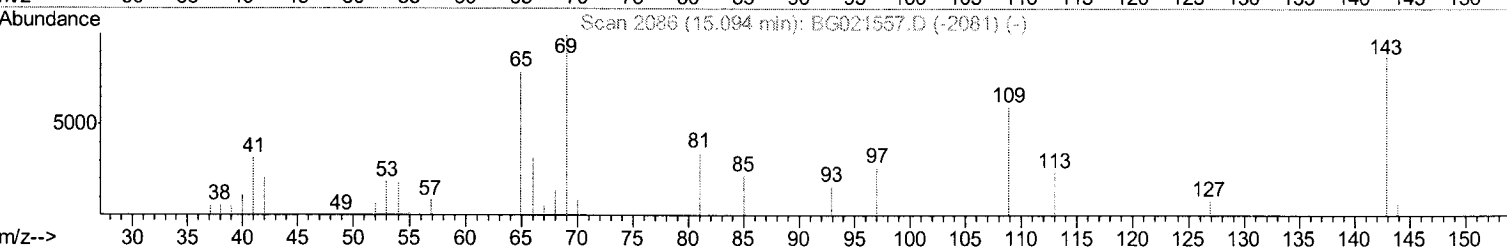
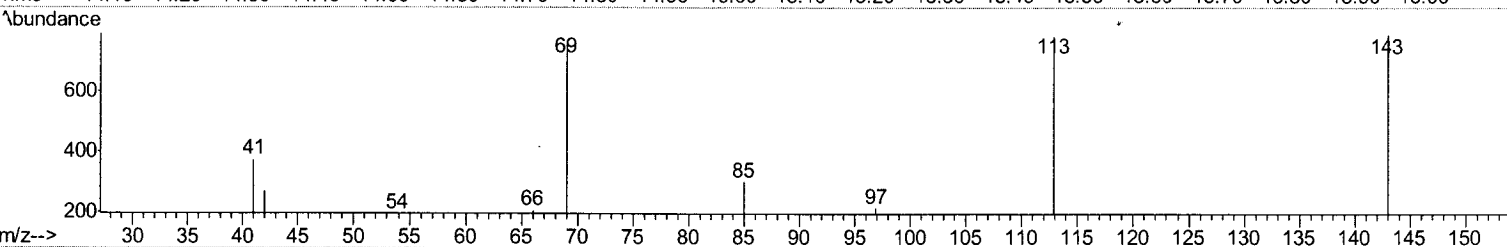
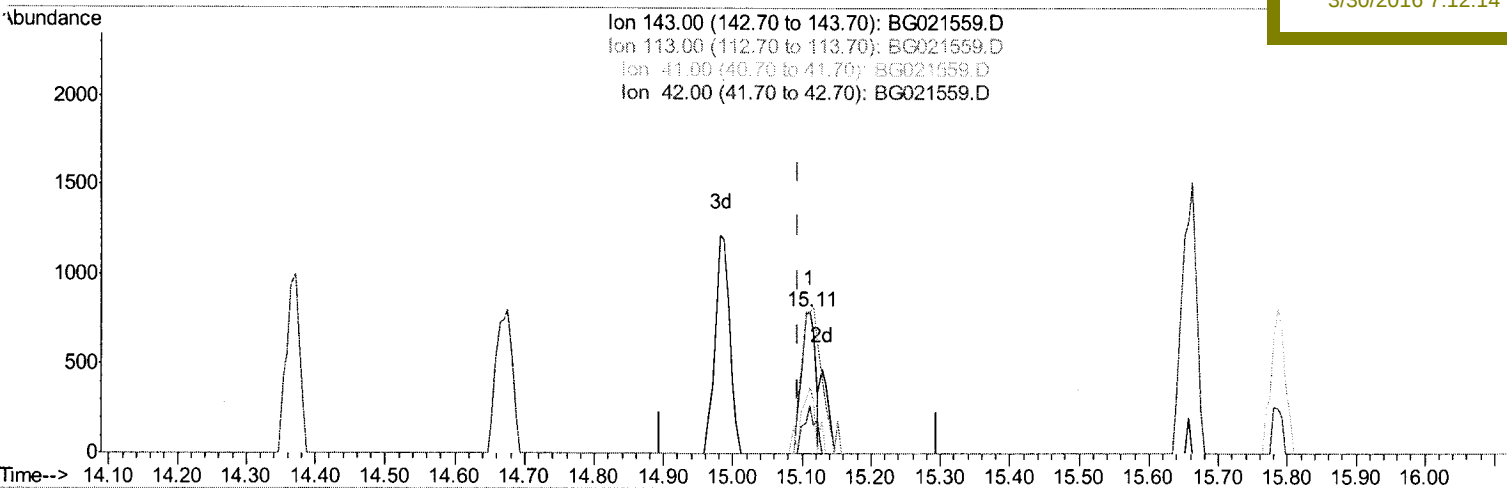
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TIC: BG021559.D

(52) 4-Nitrophenol-d4 (S)

15.111min (+0.016) 2.15ng/ul

response 1153

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 143.00 | 100    | 100   |
| 113.00 | 102.70 | 98.99 |
| 41.00  | 49.70  | 46.97 |
| 42.00  | 33.70  | 33.96 |

# Quantitation Report (Qedit)

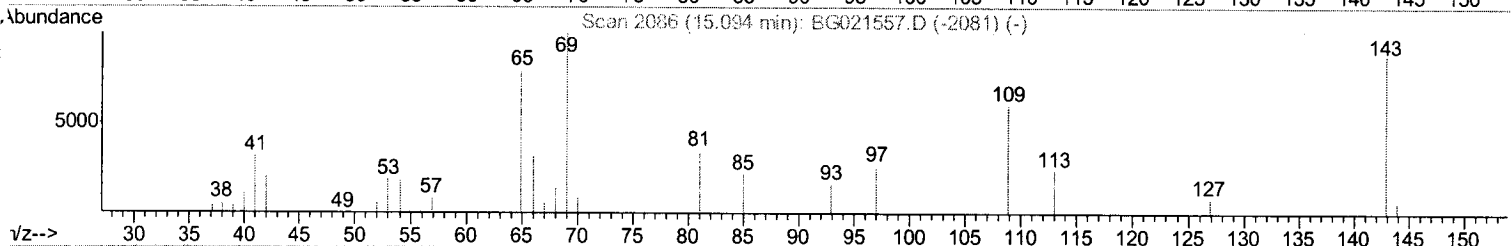
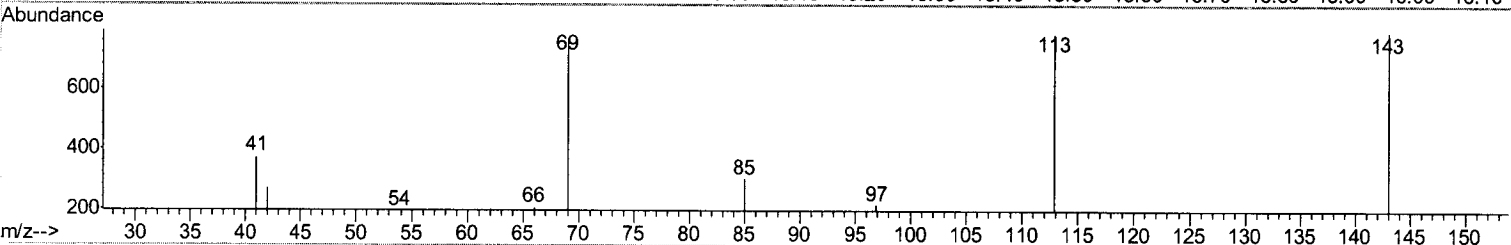
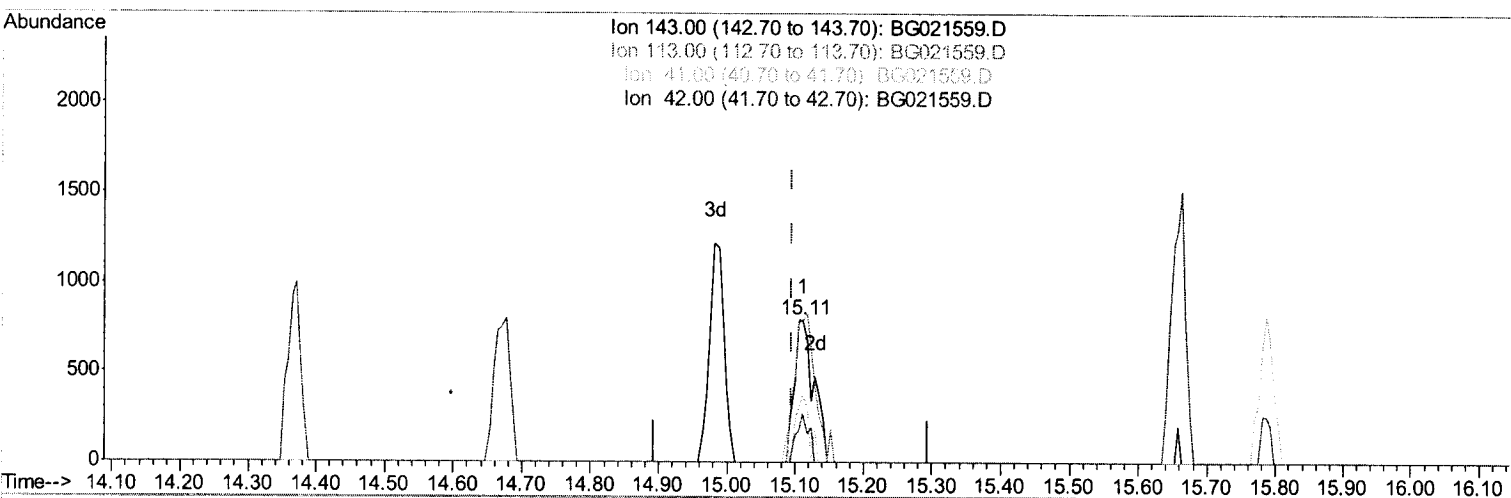
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Manual Integrations  
 APPROVED

Sohil  
 3/30/2016 7:12:14 PM

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TIC: BG021559.D

(52) 4-Nitrophenol-d4 (S)

15.111min (+0.016) 2.87ng/ul m

response 1540

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 143.00 | 100    | 100   |
| 113.00 | 102.70 | 98.99 |
| 41.00  | 49.70  | 46.97 |
| 42.00  | 33.70  | 33.96 |

U.M  
 04/06/16

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032916\  
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Manual Integrations  
 APPROVED

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 3/30/2016 7:12:14 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 15173    | 20.00 | ng/ul | 0.02     |
| 18) Naphthalene-d8        | 10.87 | 136  | 65067    | 20.00 | ng/ul | 0.01     |
| 36) Acenaphthene-d10      | 14.67 | 164  | 40385    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.41 | 188  | 92443    | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.67 | 240  | 102918   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.88 | 264  | 99107    | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 186    | 0.55  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.35  | 99  | 5948   | 4.15  | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.38  | 67  | 20489  | 24.11 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.64  | 132 | 21972  | 20.17 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.85  | 113 | 12847  | 10.46 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.23  | 128 | 14686  | 30.08 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.95  | 143 | 16666  | 29.87 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.58 | 165 | 26501  | 26.57 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 11.01 | 131 | 870    | 0.67  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.08 | 166 | 96358  | 28.66 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.36 | 160 | 122743 | 29.61 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.11 | 143 | 1540m  | 2.87  | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.66 | 176 | 89117  | 29.39 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 16450  | 26.94 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.51 | 188 | 135835 | 29.98 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.79 | 212 | 148511 | 30.94 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.66 | 264 | 152121 | 33.26 | ng/ul | 0.00 |

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 04/06/16

## Target Compounds

|                                |       |     |        |        | Qvalue   |
|--------------------------------|-------|-----|--------|--------|----------|
| 37) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 20003  | 14.15  | ng/ul 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.48 | 216 | 205114 | 158.46 | ng/uL 93 |
| 74) Pentachlorobenzene         | 14.99 | 250 | 14534  | 10.82  | ng/uL 96 |

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