

# Quantitation Report (QT Reviewed)

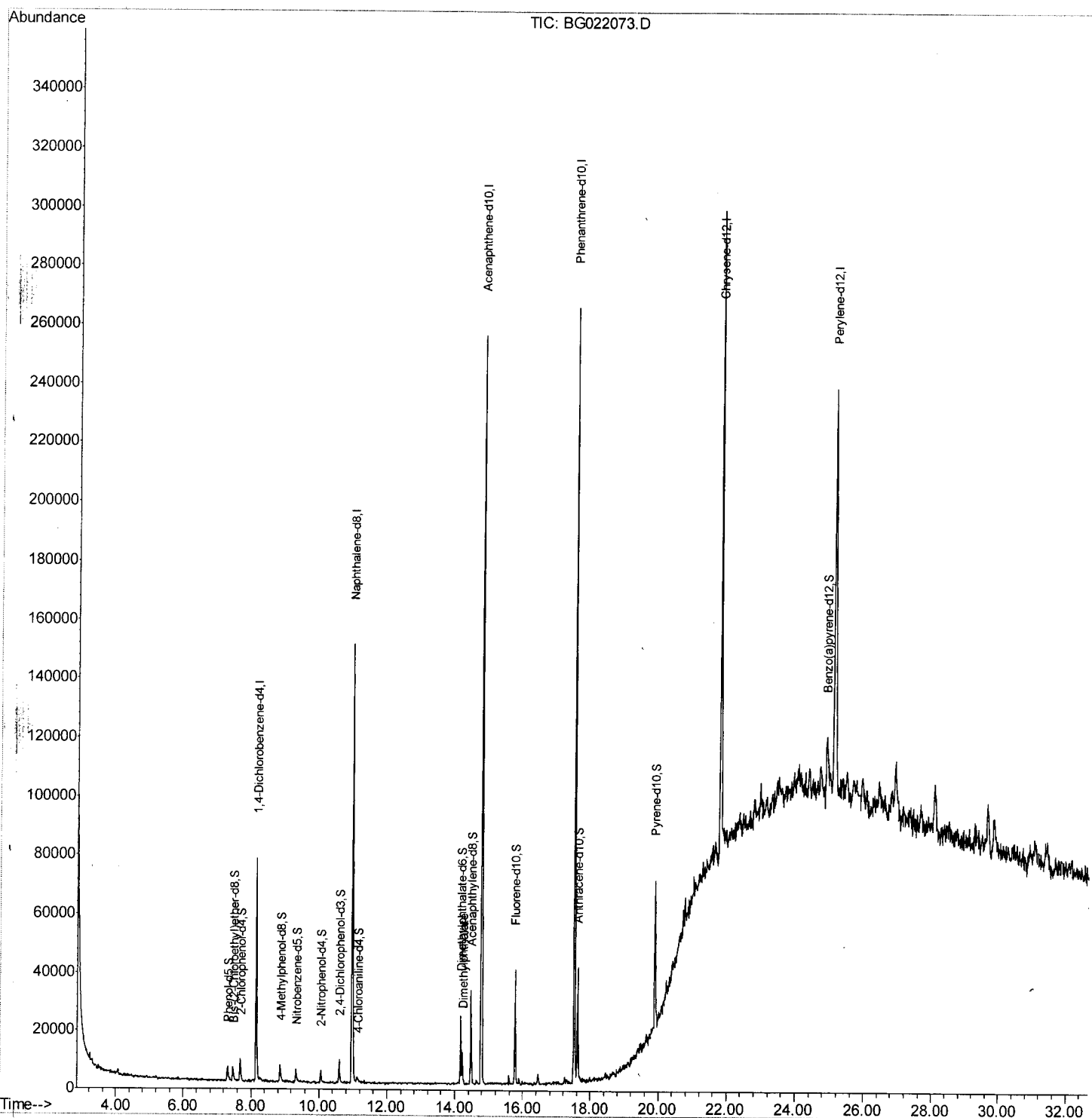
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052616\  
 Data File : BG022073.D  
 Acq On : 26 May 2016 9:40  
 Operator : UM/SJ  
 Sample : H3201-10 5X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCZG9

Manual Integrations  
 APPROVED

sohil  
 5/27/2016 7:40:22 PM

Quant Time: May 27 04:56:23 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 27 04:32:27 2016  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

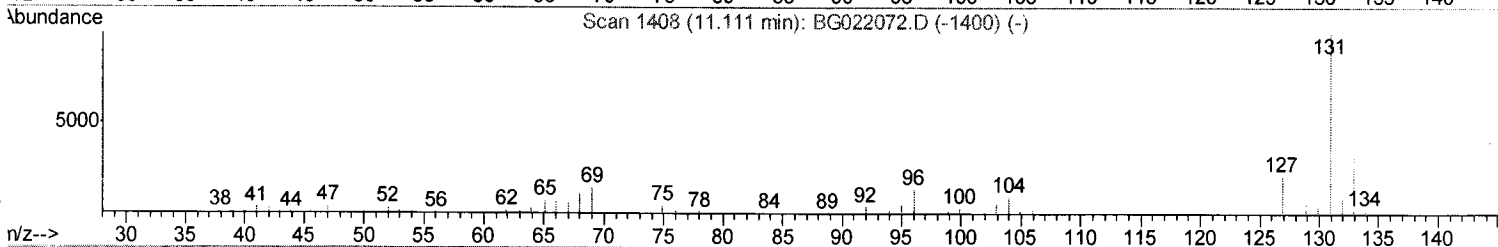
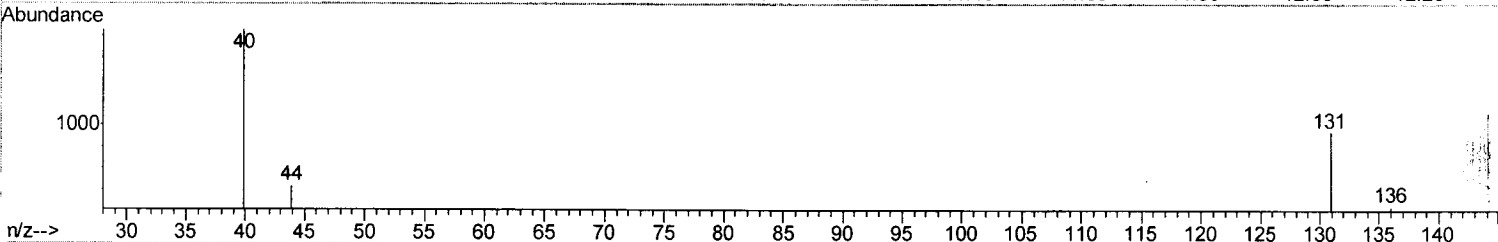
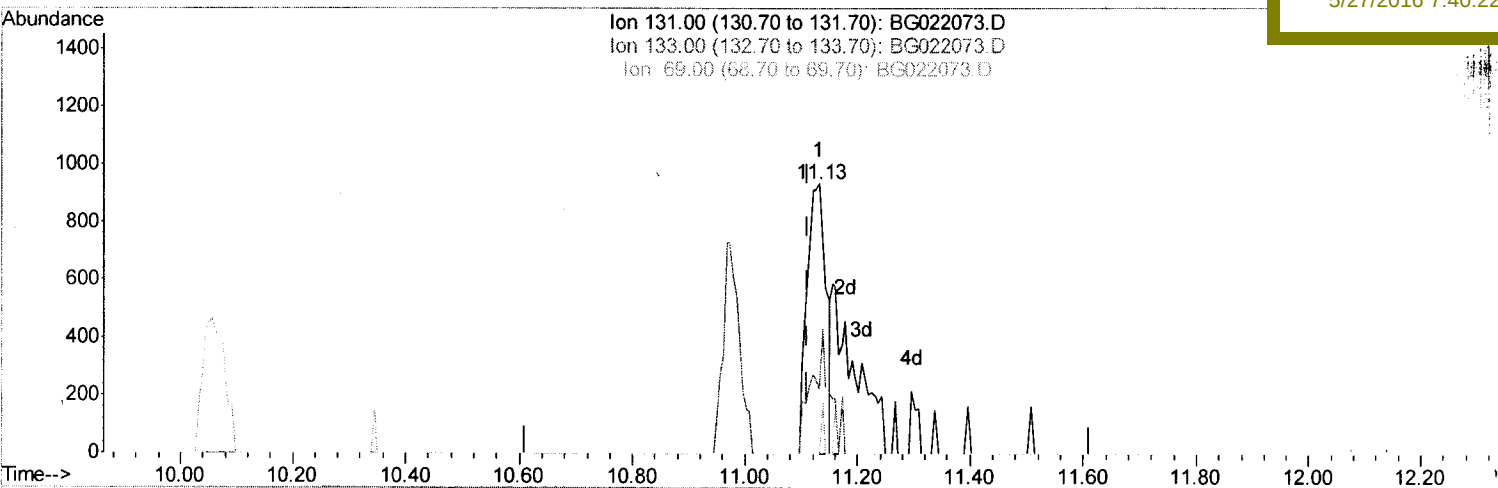
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**Manual Integrations**  
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(29) 4-Chloroaniline-d4 (S)

11.132min (+0.021) 0.85ng/ul

response 2163

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 33.10 | 24.04# |
| 69.00  | 15.40 | 0.00#  |
| 0.00   | 0.00  | 0.00   |

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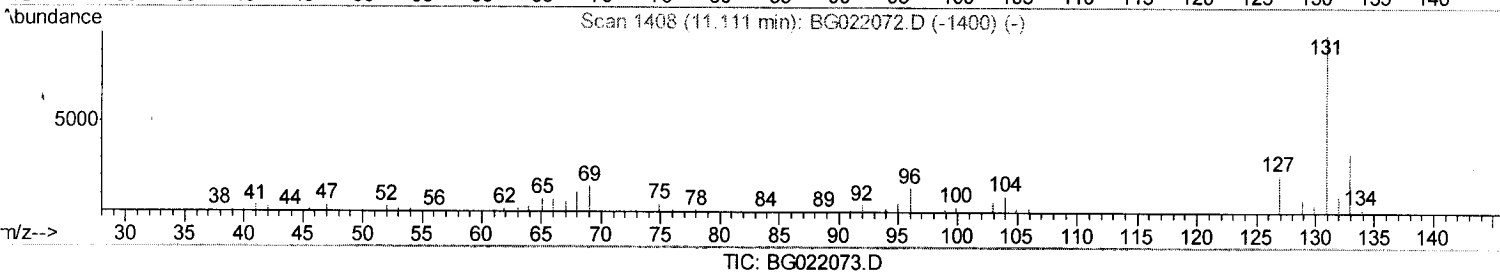
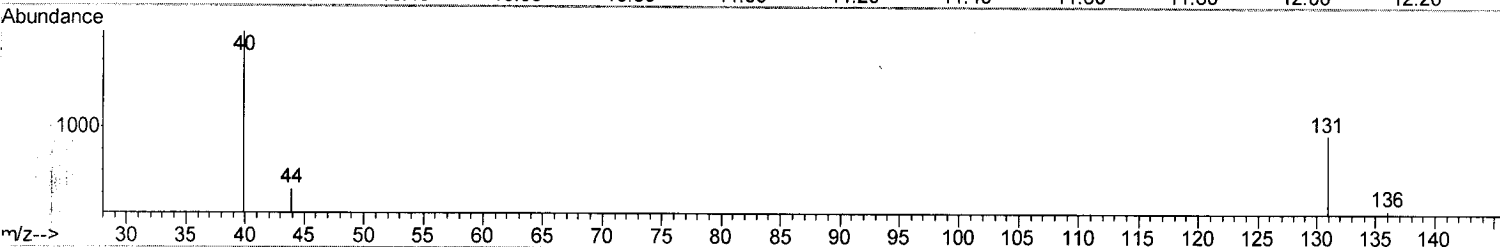
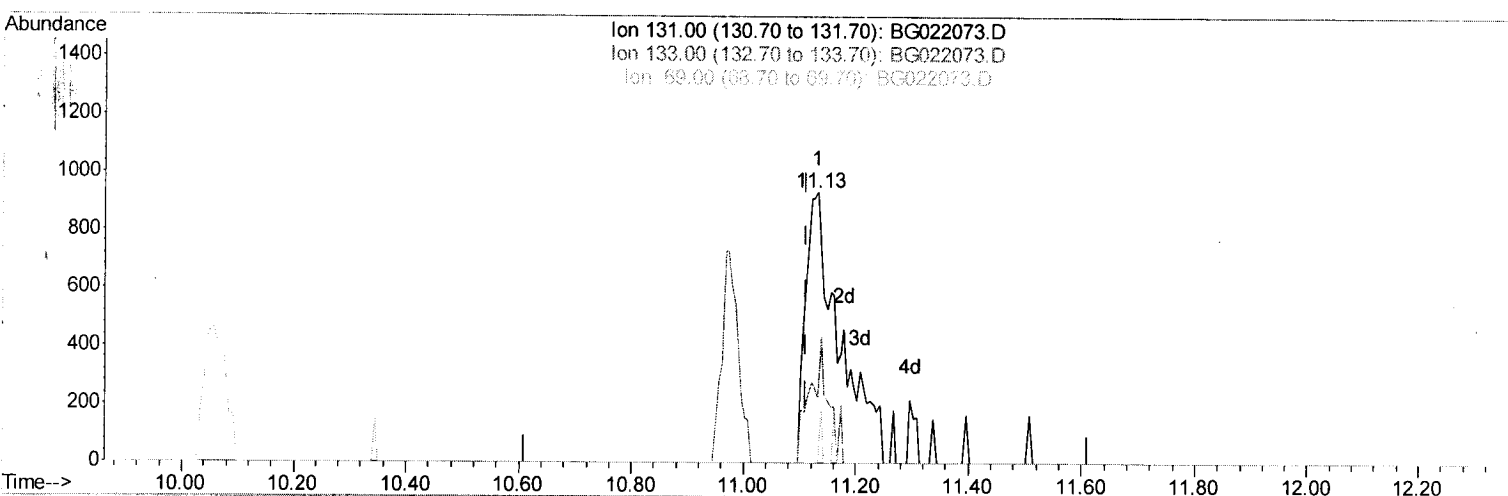
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(29) 4-Chloroaniline-d4 (S)

11.132min (+0.021) 1.54ng/ul m

response 3915

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 33.10 | 24.04# |
| 69.00  | 15.40 | 0.00#  |
| 0.00   | 0.00  | 0.00   |

> u.m.  
 05/29/16

# Quantitation Report (Qedit)

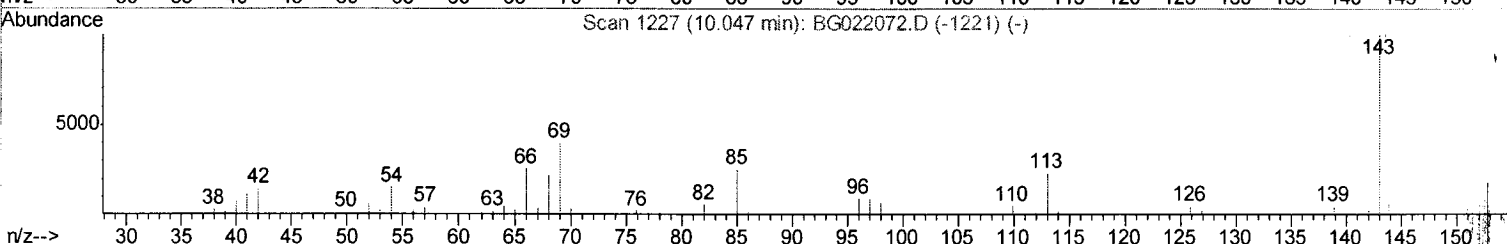
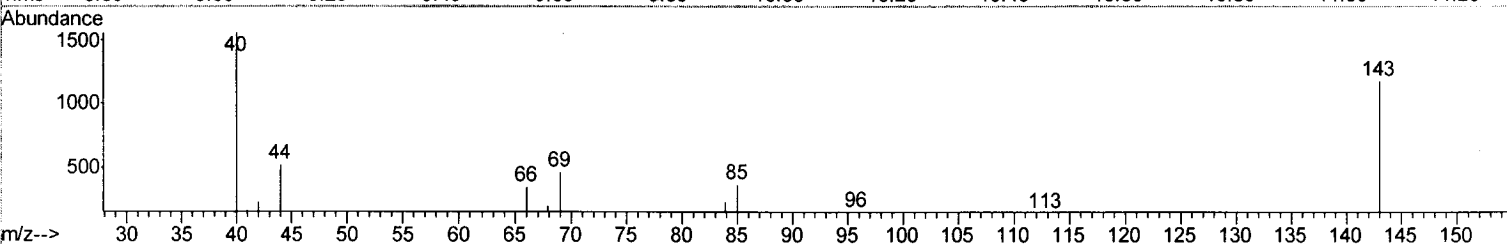
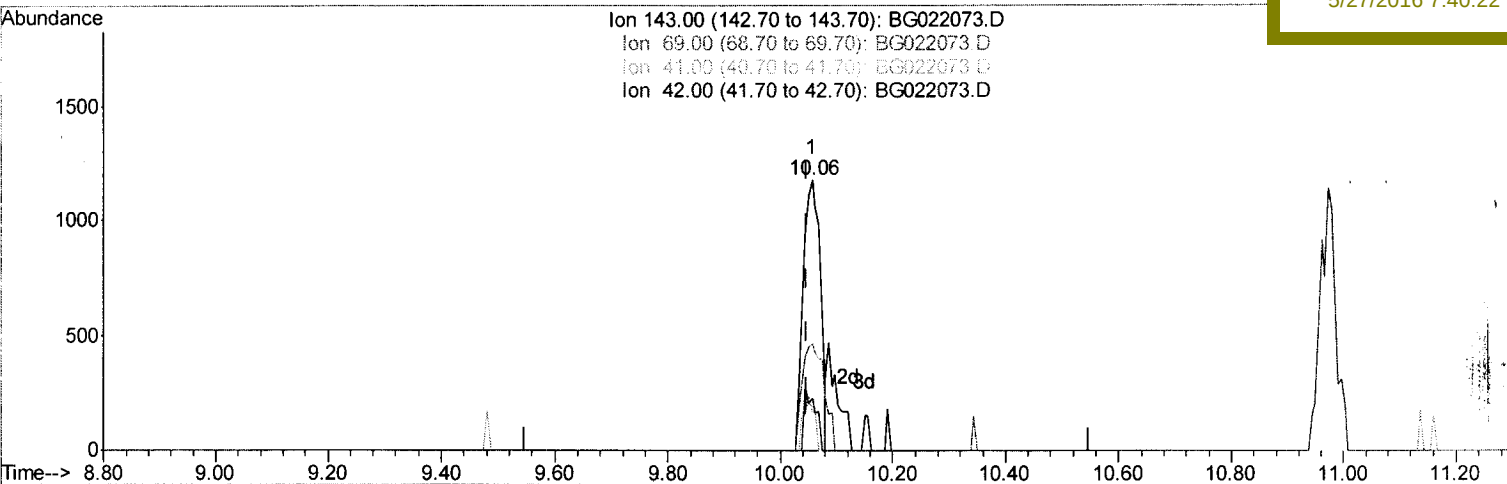
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TIC: BG022073.D

(22) 2-Nitrophenol-d4 (S)

10.056min (+0.009) 1.87ng/ul

response 2473

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 69.00  | 43.40 | 39.42  |
| 41.00  | 12.90 | 14.10  |
| 42.00  | 13.50 | 19.71# |

# Quantitation Report (Qedit)

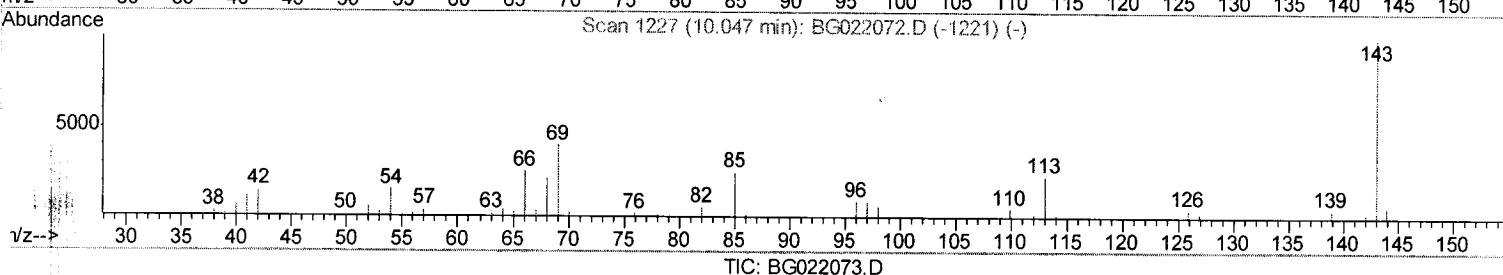
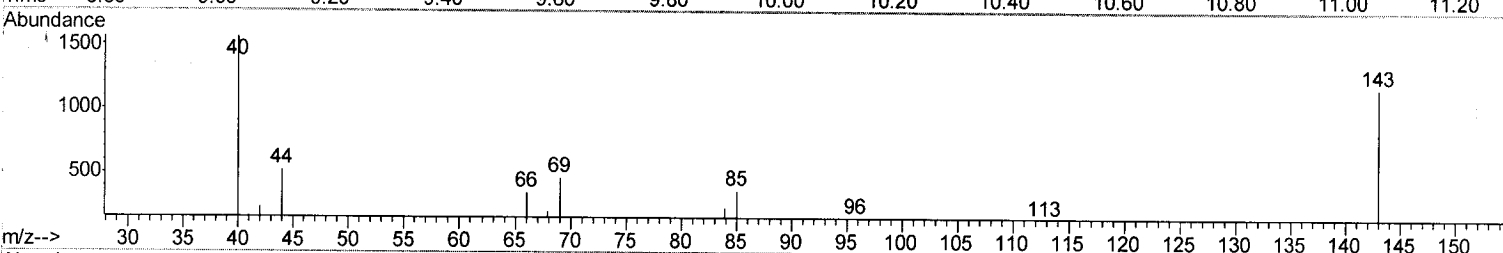
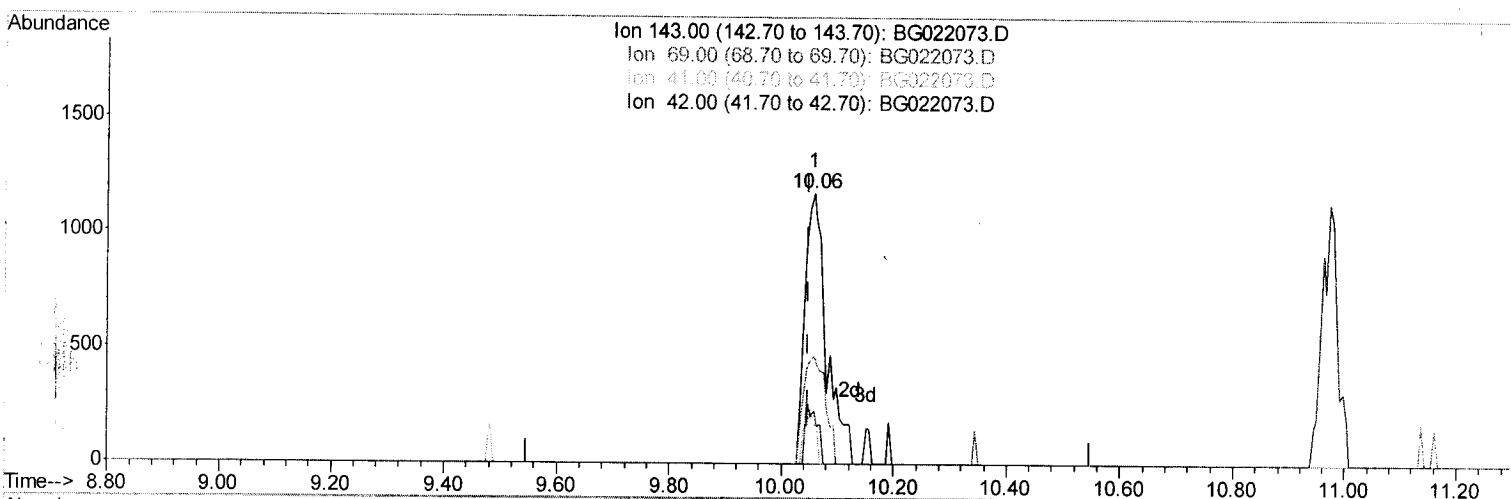
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052616\  
 Data File : BG022073.D  
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 Operator : UM/SJ  
 Sample : H3201-10 5X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sampled :  
 BCZG9

Manual Integrations  
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(22) 2-Nitrophenol-d4 (S)

10.056min (+0.009) 2.35ng/ul m > U.M.  
 0578116

response 3105

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 69.00  | 43.40 | 39.42  |
| 41.00  | 12.90 | 14.10  |
| 42.00  | 13.50 | 19.71# |

# Quantitation Report (Qedit)

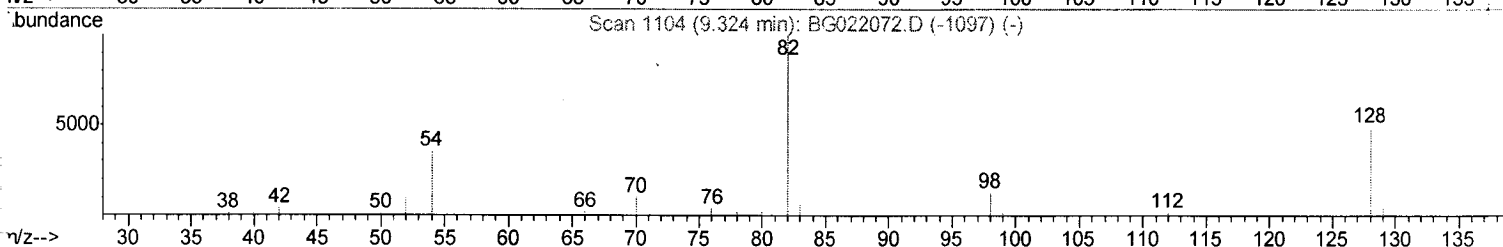
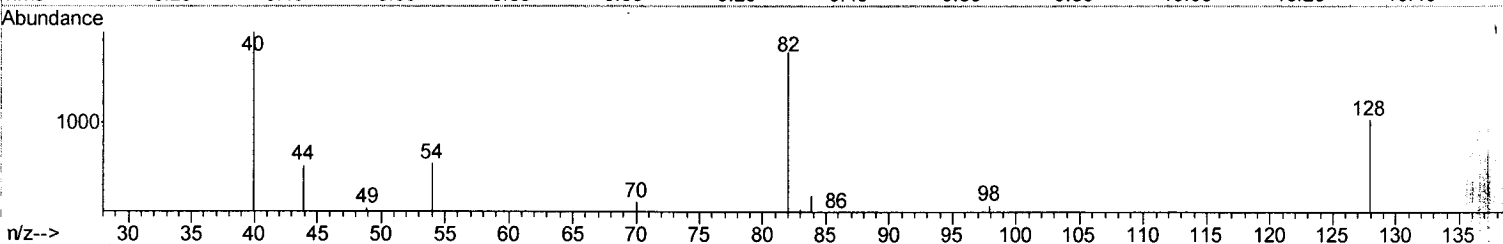
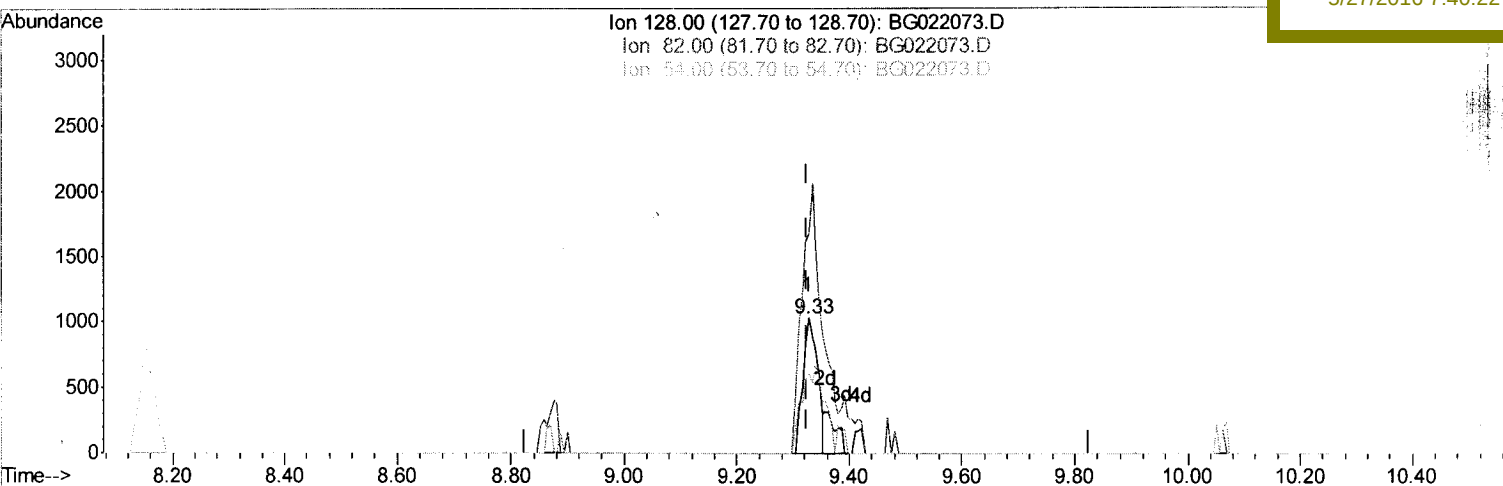
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 Data File : BG022073.D  
 Acq On : 26 May 2016 9:40  
 Operator : UM/SJ  
 Sample : H3201-10 5X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCZG9

Manual Integrations  
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TIC: BG022073.D

(19) Nitrobenzene-d5 (S)

9.328min (+0.003) 1.52ng/ul

response 1862

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100    | 100     |
| 82.00  | 219.50 | 162.72# |
| 54.00  | 78.50  | 59.03#  |
| 0.00   | 0.00   | 0.00    |

# Quantitation Report (Qedit)

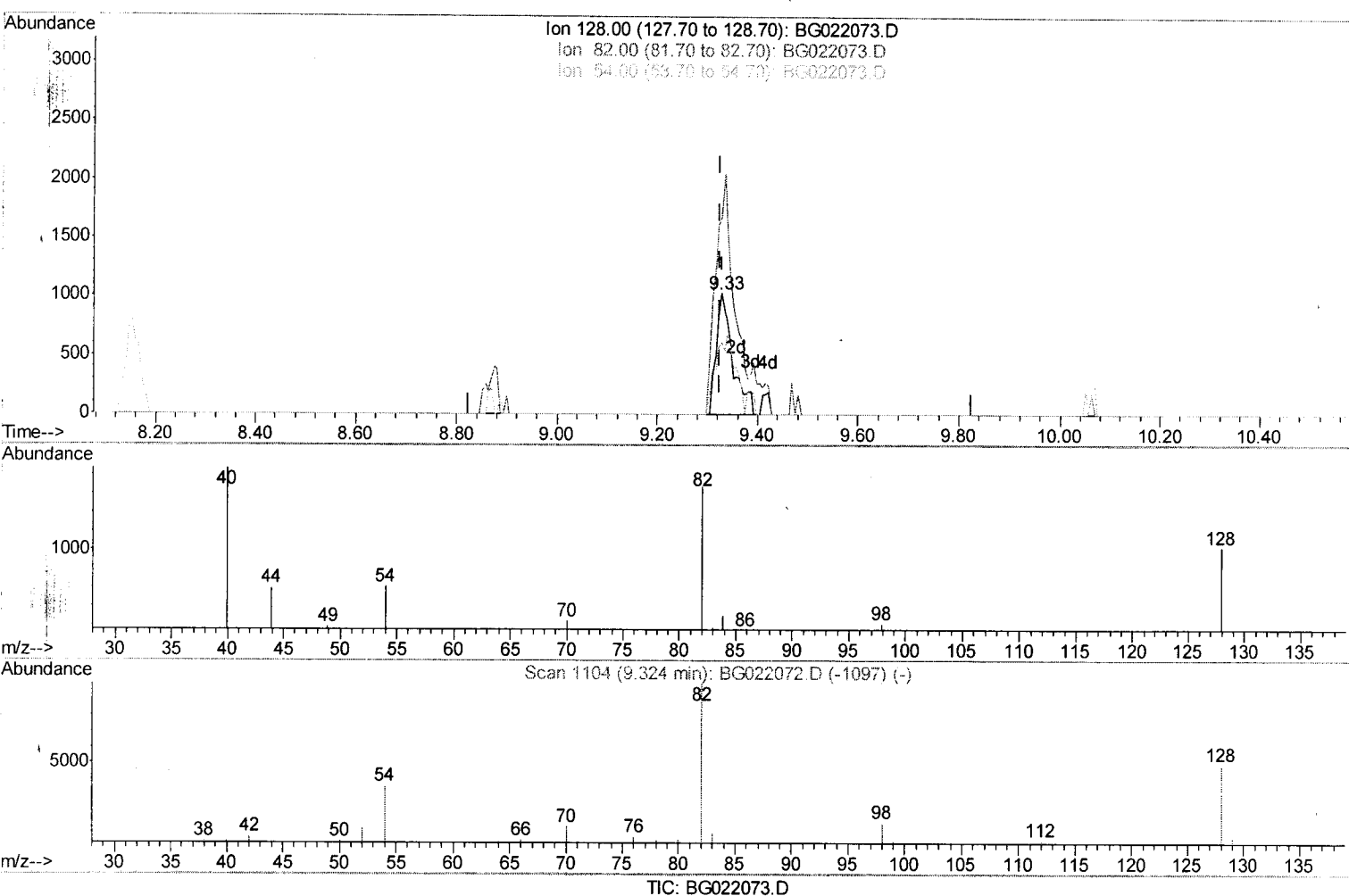
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 Operator : UM/SJ  
 Sample : H3201-10 5X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCZG9

Manual Integrations  
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 Response via : Initial Calibration



(19) Nitrobenzene-d5 (S)

9.328min (+0.003) 1.92ng/ul m  $\frac{0.1m}{0.5/9/116}$

response 2348

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100    | 100     |
| 82.00  | 219.50 | 162.72# |
| 54.00  | 78.50  | 59.03#  |
| 0.00   | 0.00   | 0.00    |

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 Acq On : 26 May 2016 9:40  
 Operator : UM/SJ  
 Sample : H3201-10 5X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
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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 | 8.15  | 152  | 30852    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.97 | 136  | 165647   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 97883    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.52 | 188  | 189455   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.80 | 240  | 147200   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.13 | 264  | 147386   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0     | 0.00 | ng/uL |      |
| 5) Phenol-d5                   | 7.32  | 99  | 6130  | 2.20 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 2791  | 1.91 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 5841  | 2.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.87  | 113 | 4722  | 2.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.33  | 128 | 2348m | 1.92 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.06 | 143 | 3105m | 2.35 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.60 | 165 | 4918  | 2.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.13 | 131 | 3915m | 1.54 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 14.18 | 166 | 21004 | 2.86 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 29727 | 2.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 0.00  | 143 | 0d    | 0.00 | ng/ul |      |
| 57) Fluorene-d10               | 15.77 | 176 | 20036 | 2.91 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 849   | 0.86 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.62 | 188 | 32067 | 3.53 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.90 | 212 | 28789 | 3.47 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.89 | 264 | 23243 | 3.40 | ng/ul | 0.00 |

U.M.  
 05/31/16

| Target Compounds      |       |     |      |            | Qvalue |
|-----------------------|-------|-----|------|------------|--------|
| 44) Dimethylphthalate | 14.22 | 163 | 9292 | 1.26 ng/ul | 97     |

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