

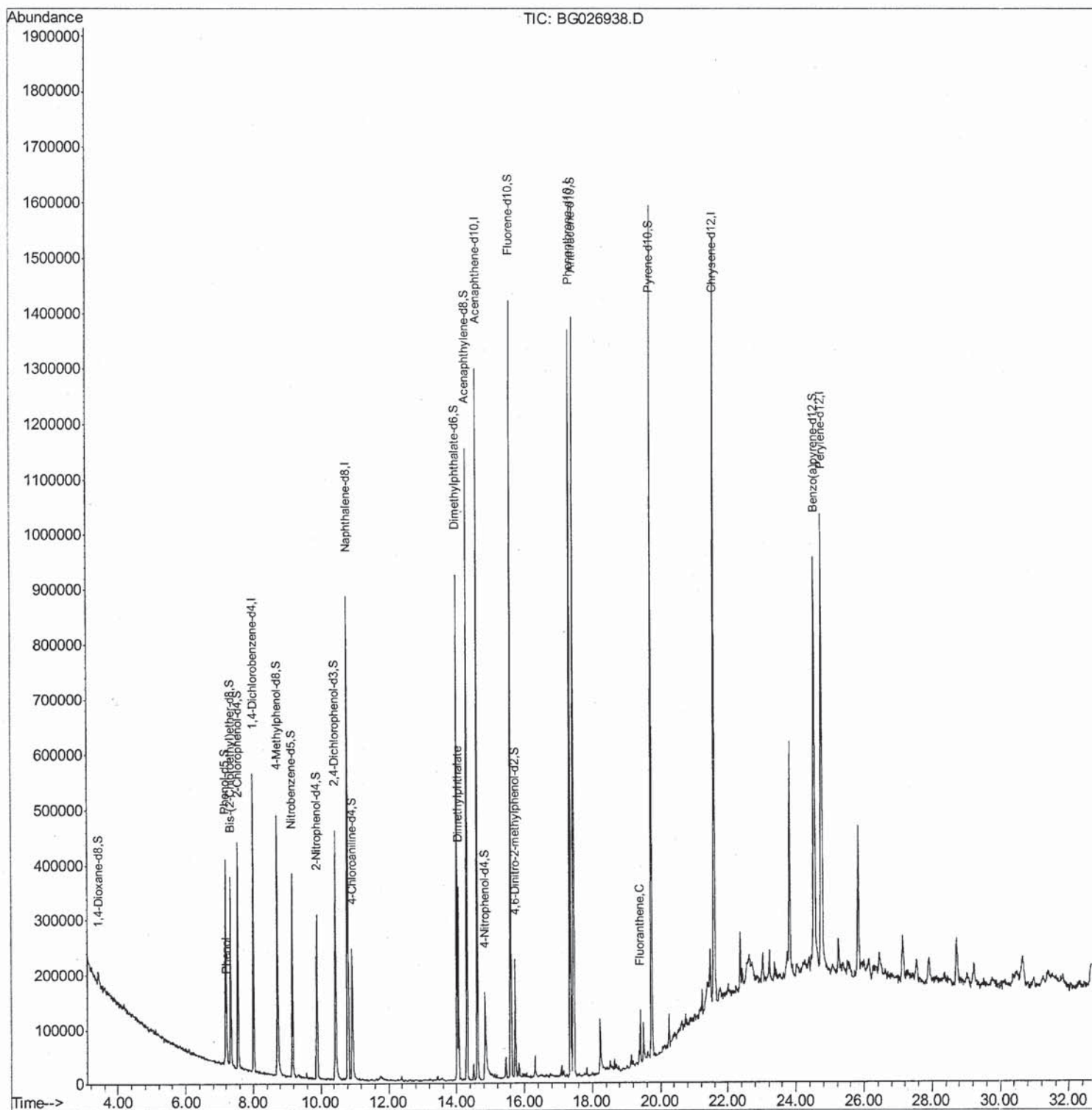
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG051017\  
Data File : BG026938.D  
Acq On : 10 May 2017 14:58  
Operator : SJ/MA  
Sample : I2960-09  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BDC39

Manual Integrations  
APPROVED

mohammad  
5/11/2017 4:53:10 PM

Quant Time: May 10 17:39:08 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 10 17:27:44 2017  
Response via : Initial Calibration



## Quantitation Report (Qedit)

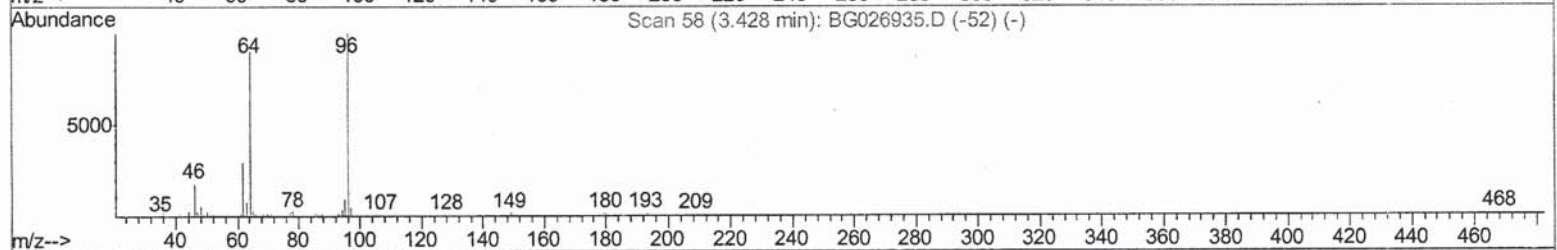
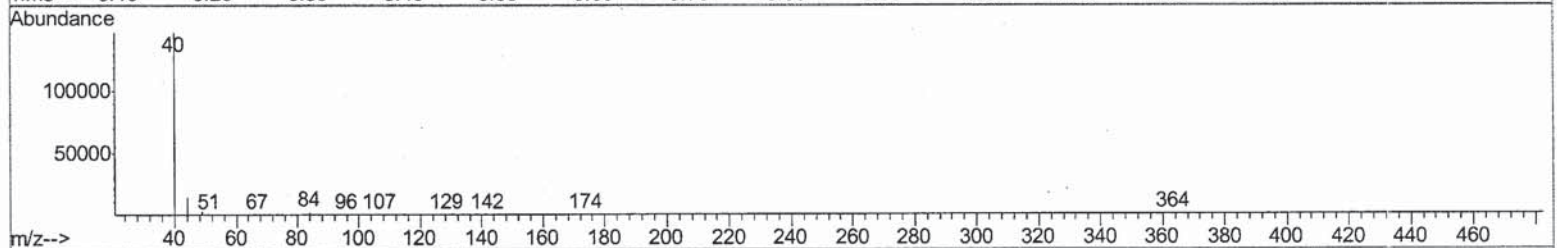
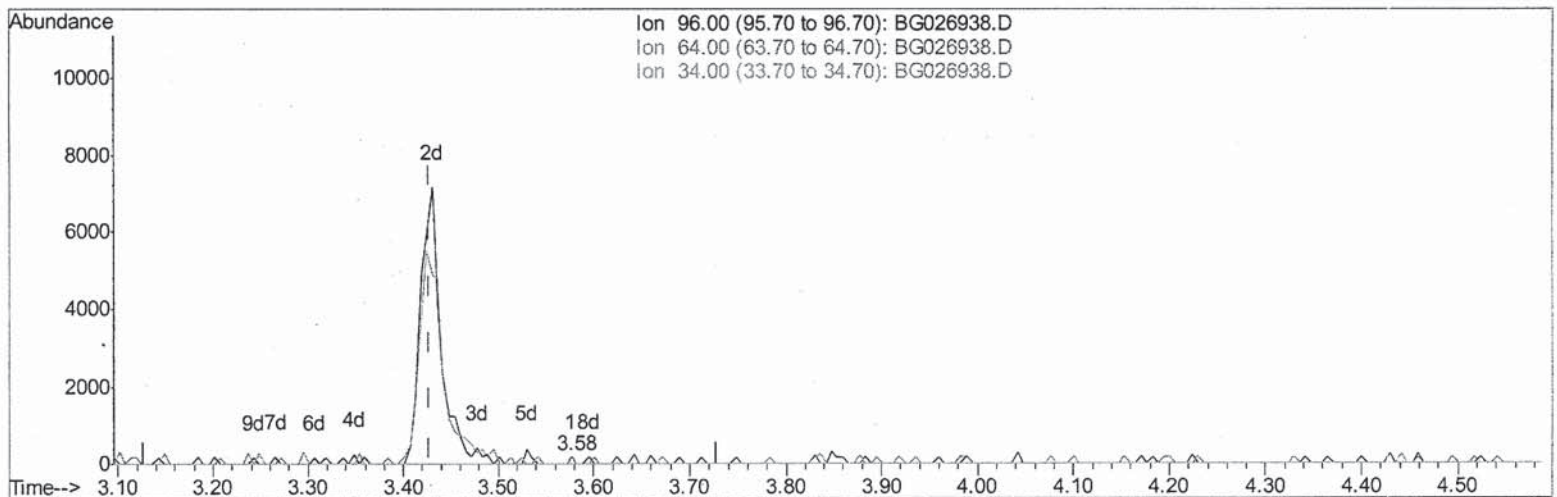
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TIC: BG026938.D

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

3.577min (+0.149) 0.02ng/uL

response 71

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 88.90 | 82.09 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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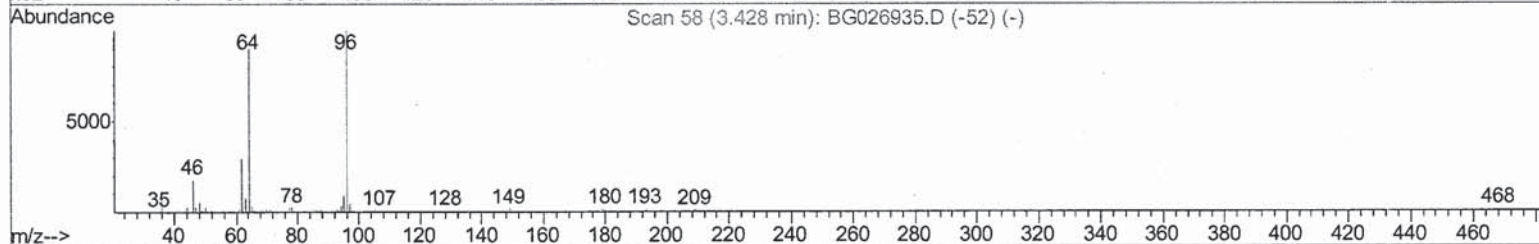
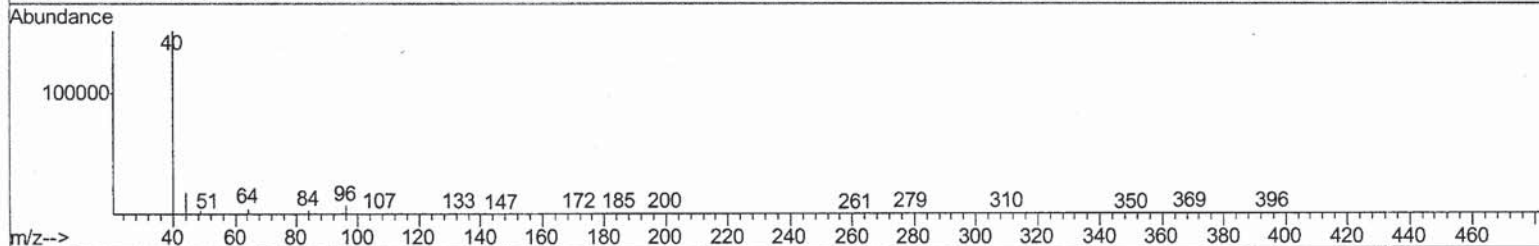
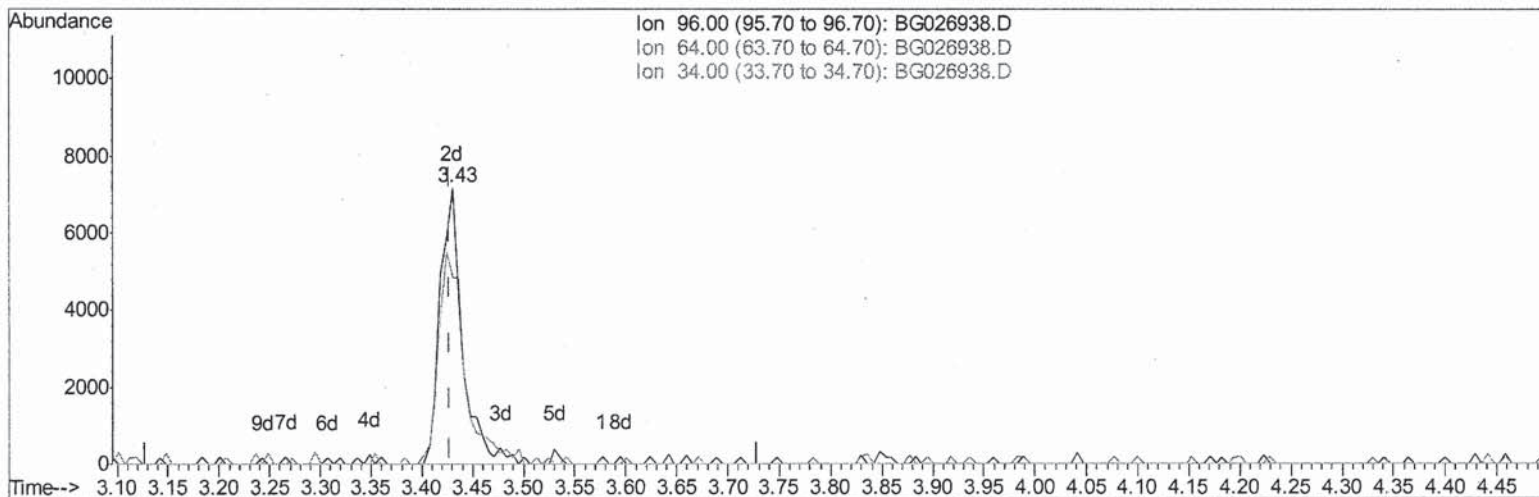
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(3) 1,4-Dioxane-d8 (S)

3.430min (+0.002) 3.03ng/uL m SJ 5/12/17

response 11013

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 88.90 | 67.83# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

## Quantitation Report (Qedit)

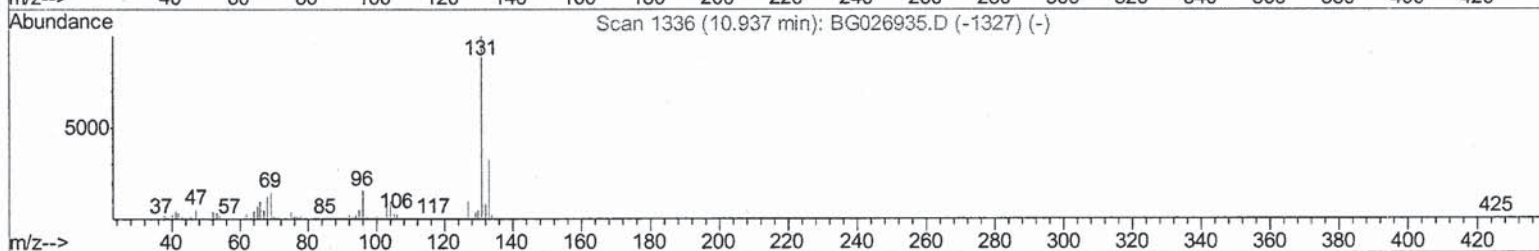
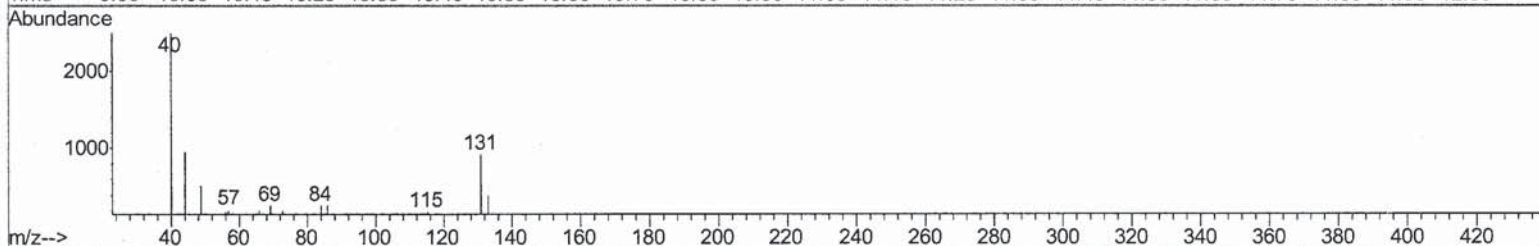
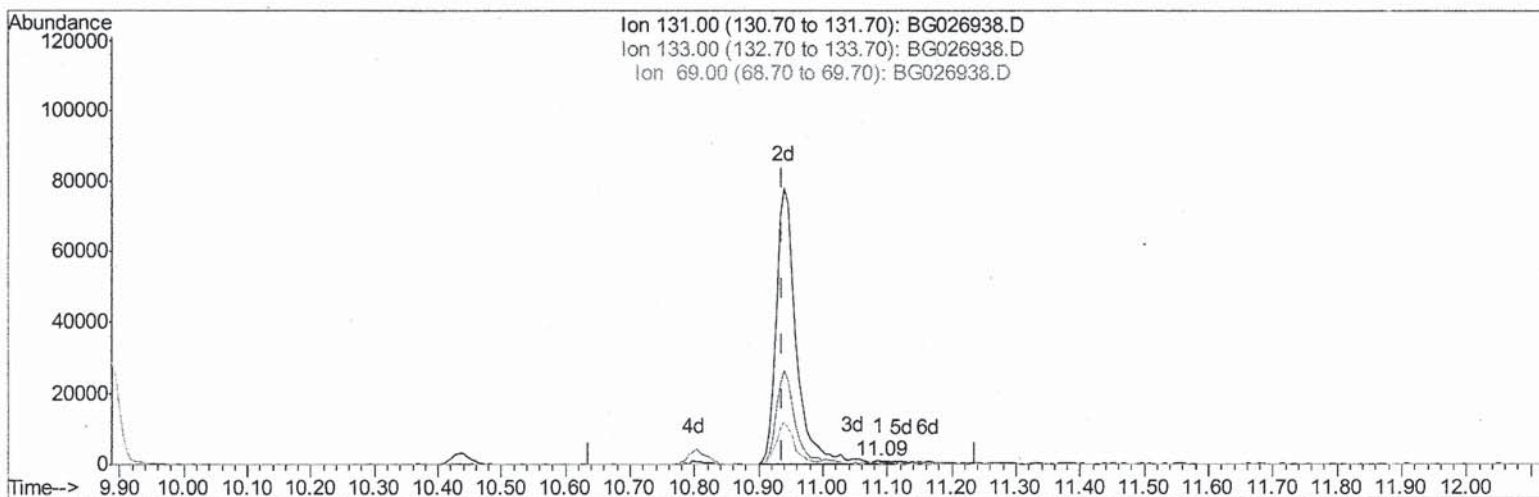
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TIC: BG026938.D

(29) 4-Chloroaniline-d4 (S)

11.086min (+0.149) 0.09ng/ul

response 1387

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 35.40 | 42.04 |
| 69.00  | 23.80 | 28.28 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

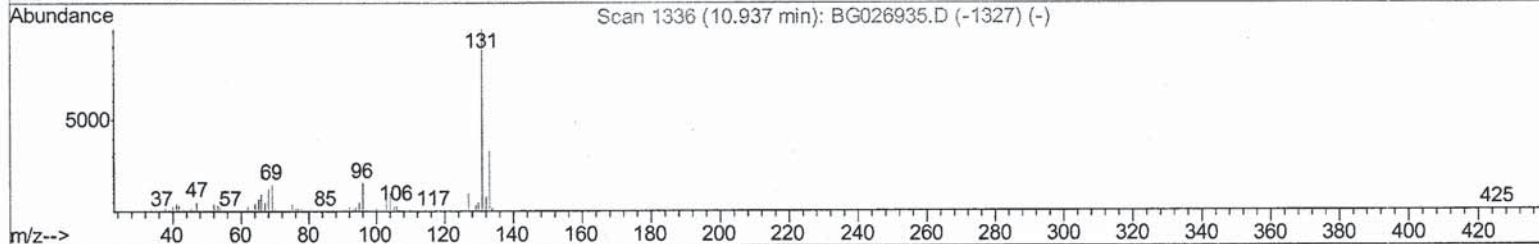
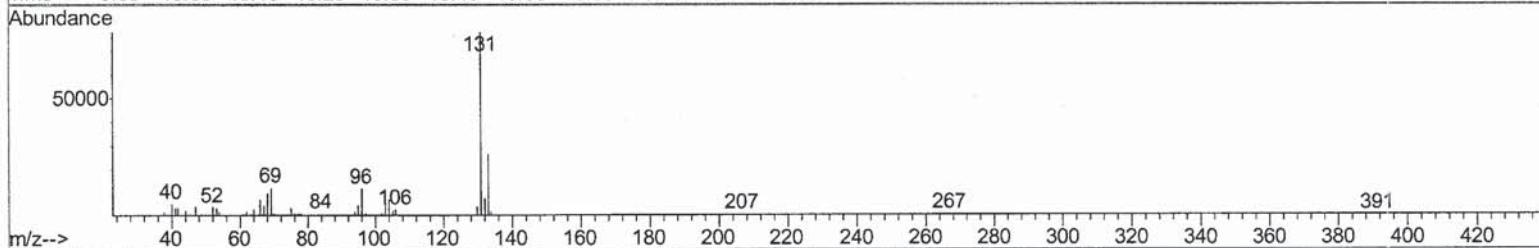
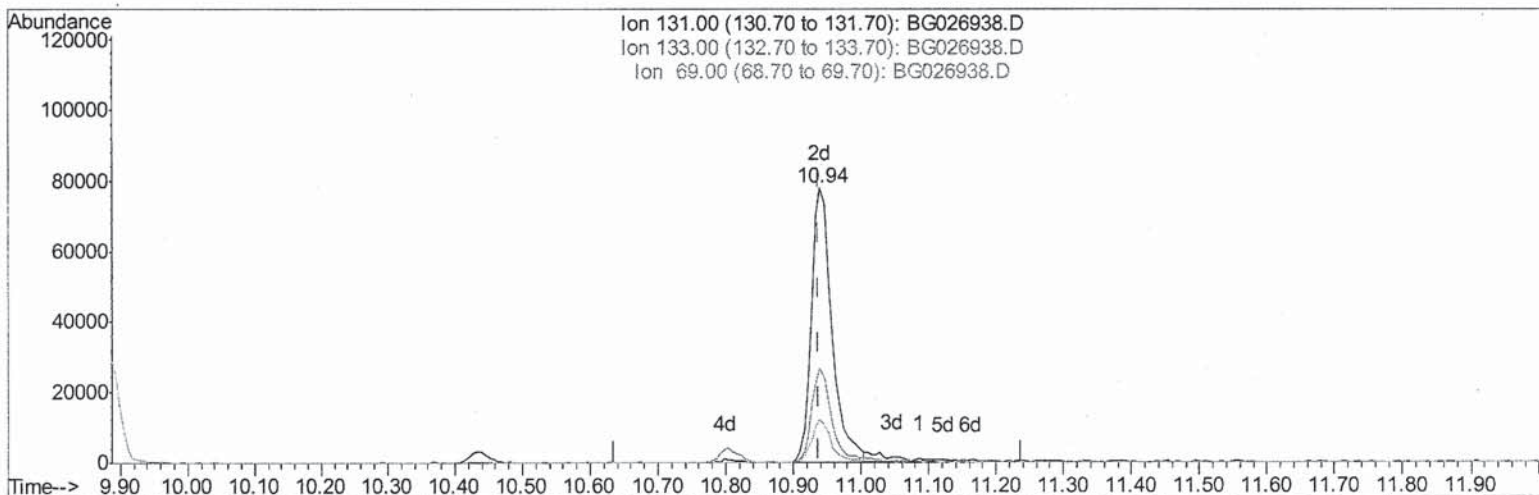
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Instrument :  
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Manual Integrations  
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TIC: BG026938.D

(29) 4-Chloroaniline-d4 (S)

10.939min (+0.002) 10.61ng/ul m

SJ 5/12/17

response 163522

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 35.40 | 33.90  |
| 69.00  | 23.80 | 15.52# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG051017\  
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 Operator : SJ/MA  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 163499   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 796775   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.62 | 164  | 434138   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.36 | 188  | 818097   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.60 | 240  | 735932   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.76 | 264  | 762959   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |          |       |       |      |
|--------------------------------|-------|-----|----------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.43  | 96  | 11013m>  | 3.03  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.18  | 99  | 278293   | 19.07 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67  | 164652   | 19.19 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.54  | 132 | 223526   | 18.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 231858   | 19.14 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.16  | 128 | 118802   | 17.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 124959   | 17.25 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.43 | 165 | 200633   | 17.43 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 163522m> | 10.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 638251   | 18.26 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.31 | 160 | 846328   | 19.28 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.84 | 143 | 90130    | 14.31 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.60 | 176 | 540985   | 17.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 49761    | 10.02 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.45 | 188 | 767767   | 19.34 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.73 | 212 | 743659   | 19.14 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.55 | 264 | 693400   | 19.22 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |        |      |        | Qvalue |
|-----------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol             | 7.21  | 94  | 26887  | 1.82 | ng/ul# | 78     |
| 44) Dimethylphthalate | 14.07 | 163 | 233791 | 6.83 | ng/ul  | 97     |
| 74) Fluoranthene      | 19.40 | 202 | 52488  | 1.23 | ng/ul# | 84     |

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