

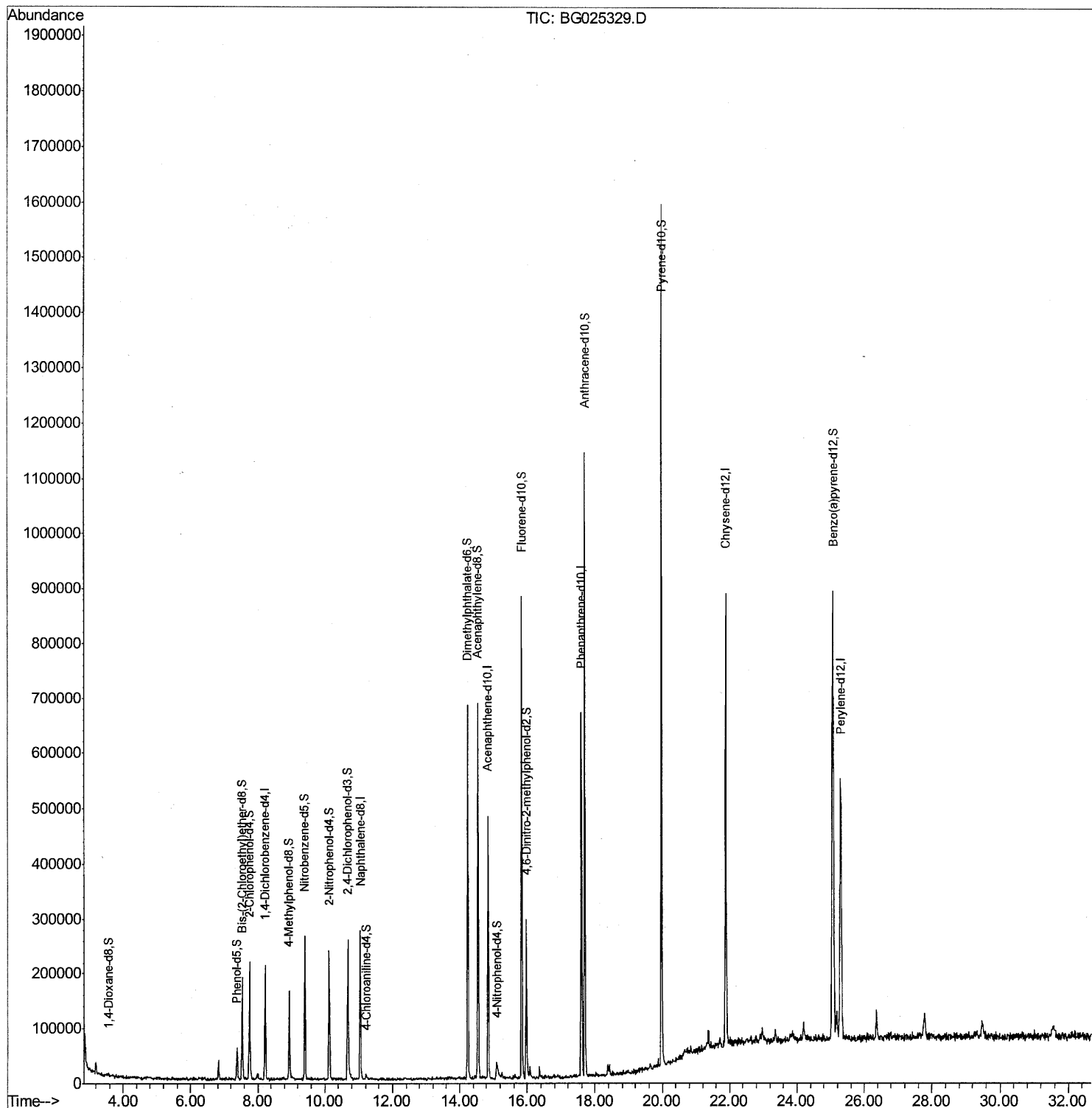
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121916\  
Data File : BG025329.D  
Acq On : 19 Dec 2016 22:24  
Operator : UM/SJ  
Sample : H6106-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
DA7H1

Manual Integrations  
APPROVED

sohil  
12/20/2016 6:29:50 PM

Quant Time: Dec 20 02:55:35 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 20 02:21:52 2016  
Response via : Initial Calibration



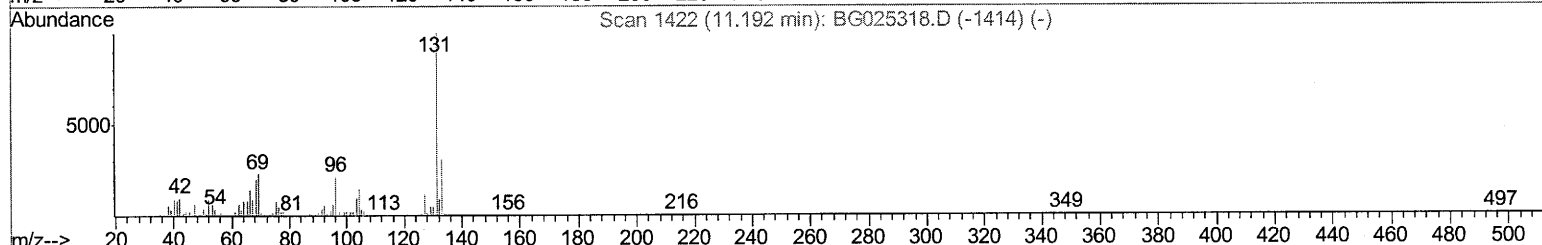
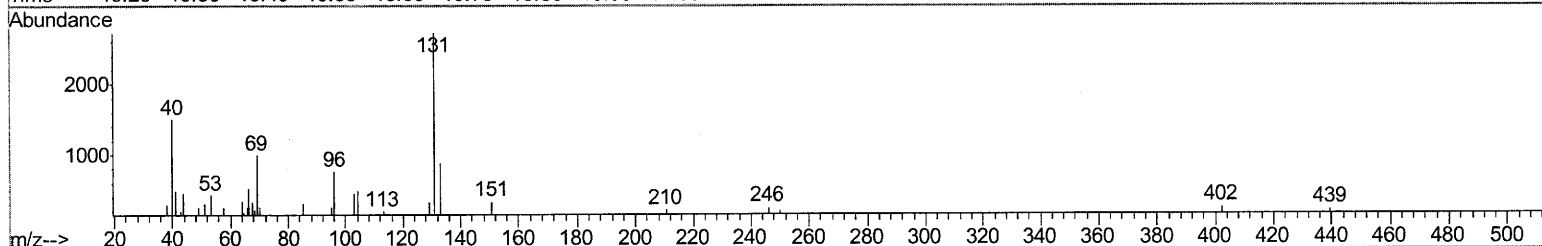
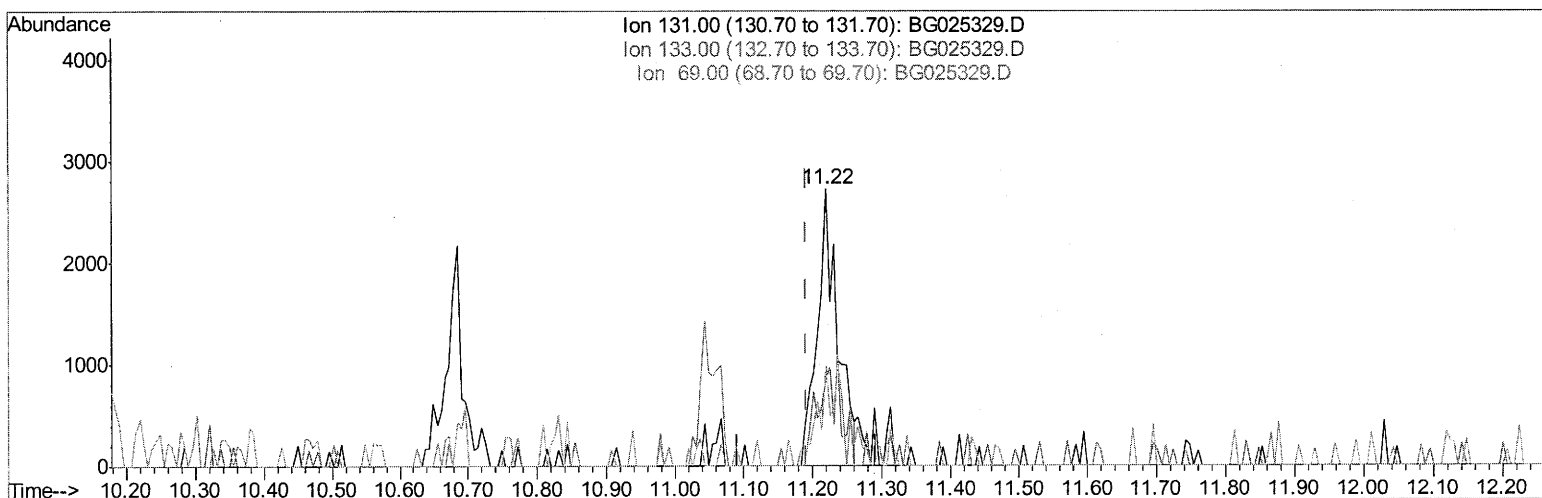
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Quant Time: Dec 20 02:27:28 2016  
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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 20 02:21:52 2016  
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.219min (+0.027) 1.47ng/ul

response 5506

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 35.40 | 32.31  |
| 69.00  | 23.80 | 36.56# |
| 0.00   | 0.00  | 0.00   |

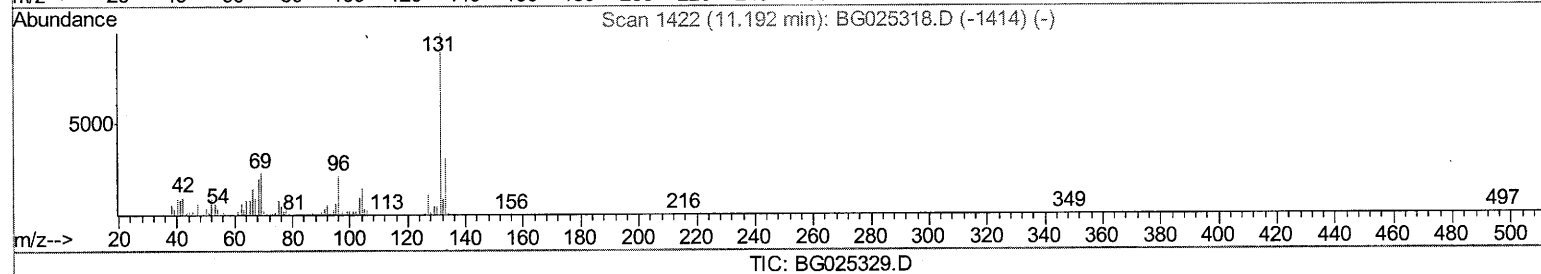
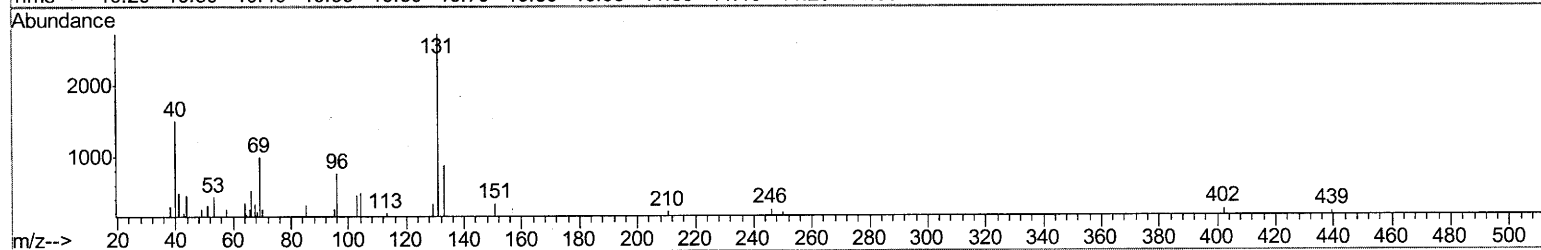
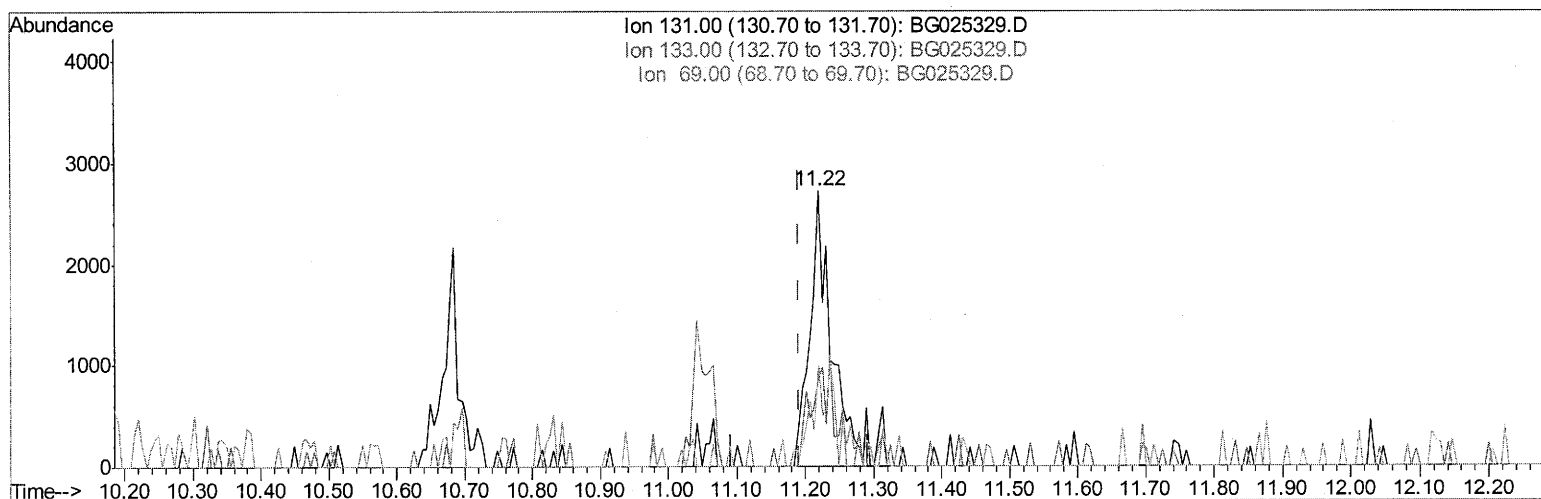
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Manual Integrations  
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Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.219min (+0.027) 1.56ng/ul m

response 5840

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 35.40 | 32.31  |
| 69.00  | 23.80 | 36.56# |
| 0.00   | 0.00  | 0.00   |

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12/20/16

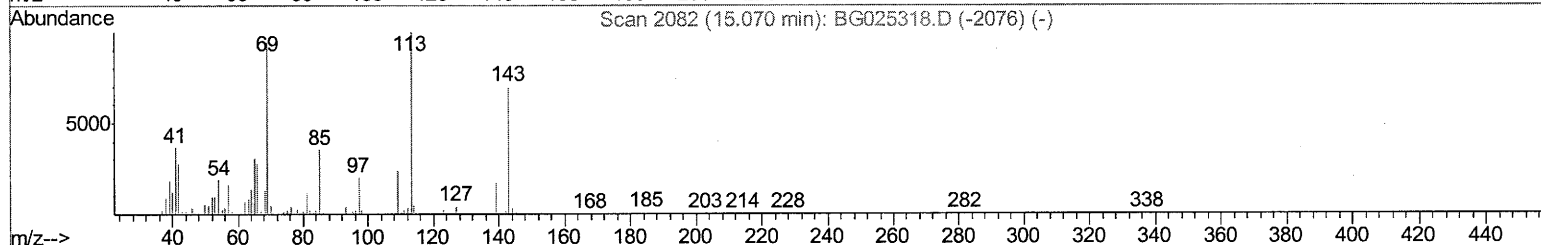
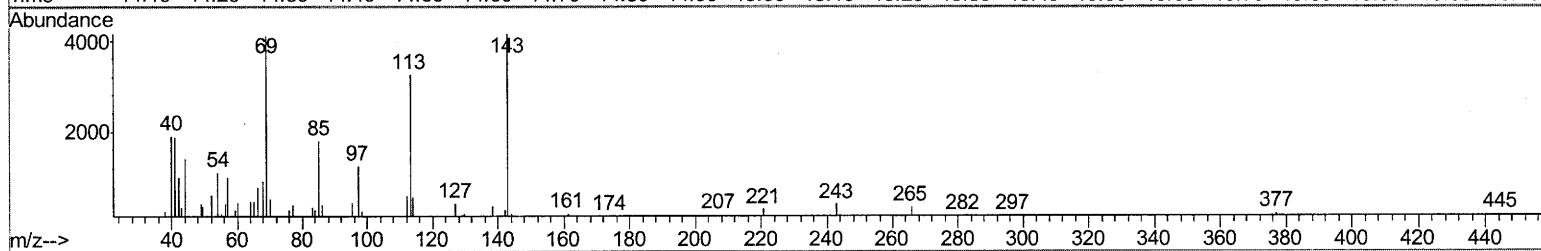
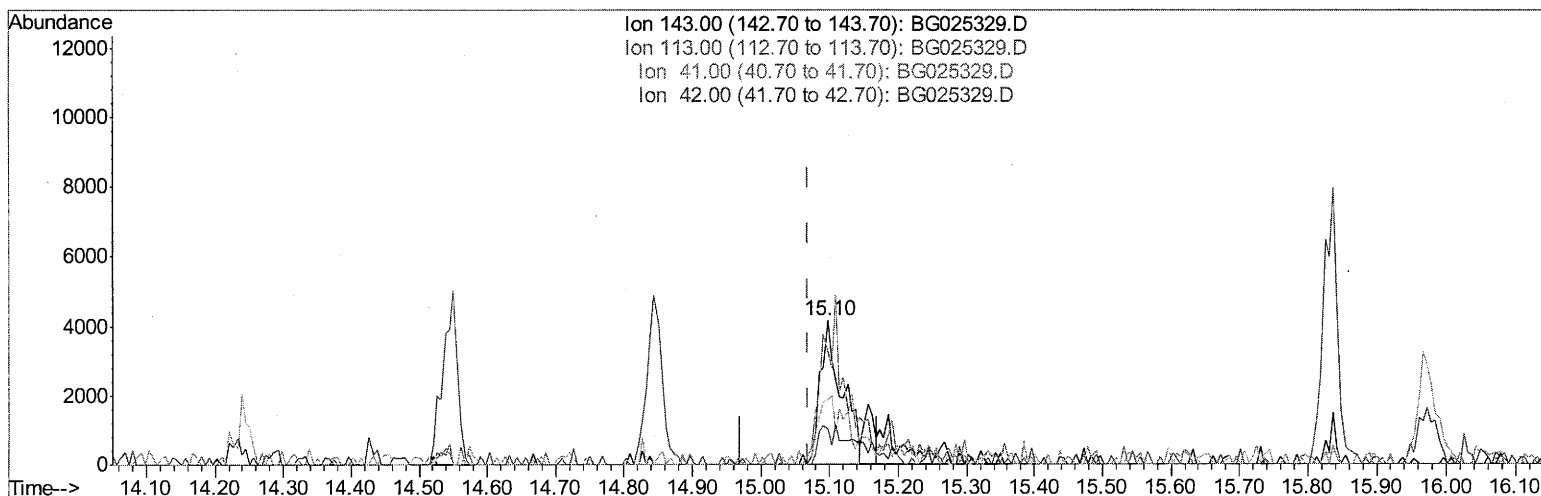
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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Response via : Initial Calibration



TIC: BG025329.D

(51) 4-Nitrophenol-d4 (S)

15.097min (+0.027) 4.43ng/ul

response 9223

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 78.40# |
| 41.00  | 58.00  | 45.38# |
| 42.00  | 42.20  | 24.45# |

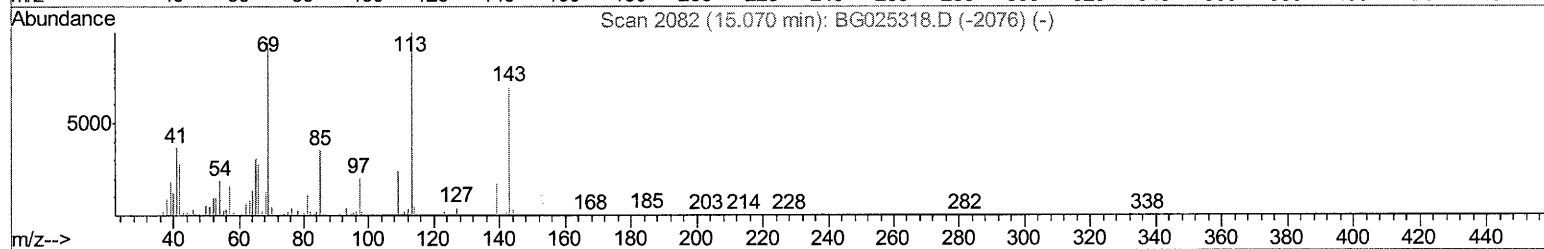
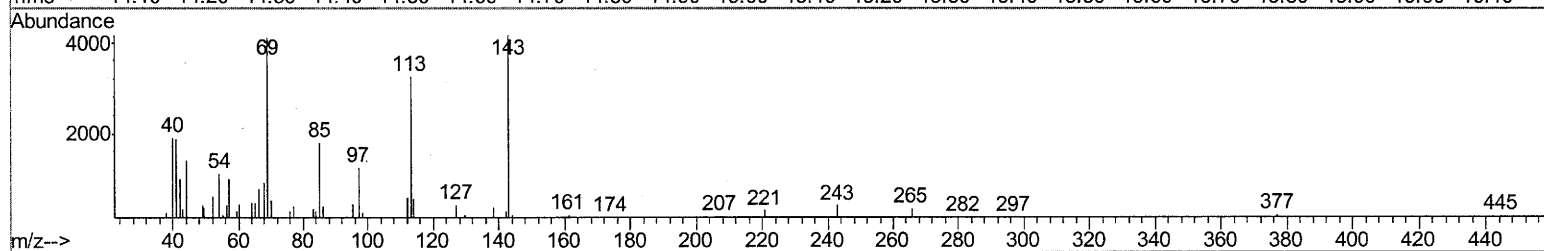
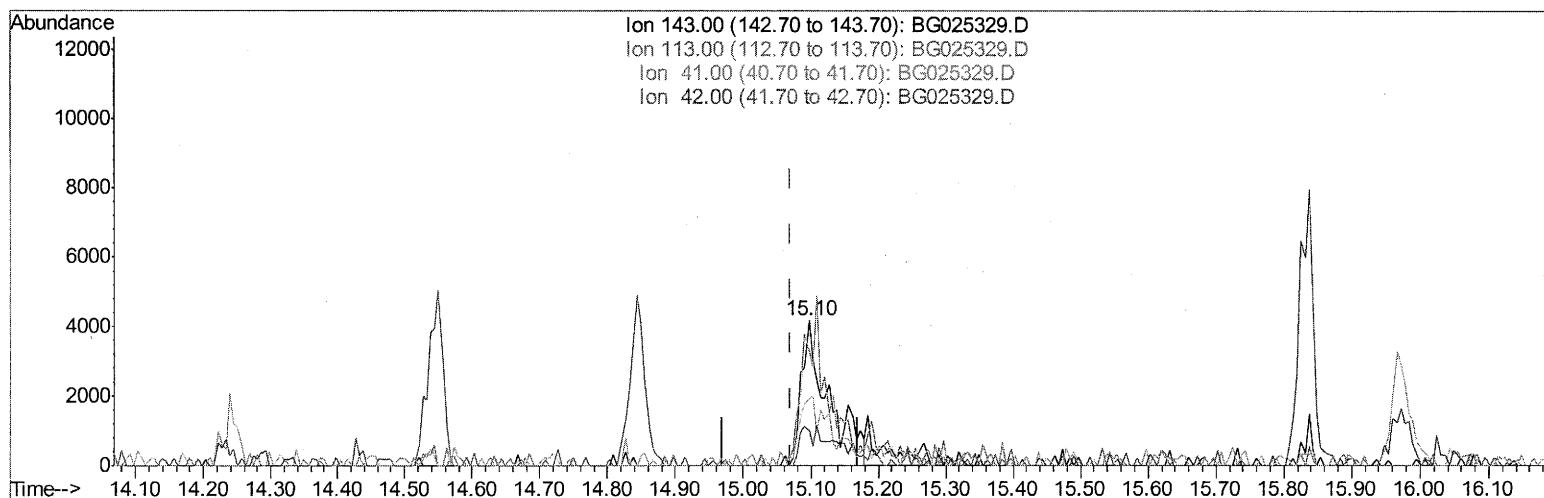
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Acq On : 19 Dec 2016 22:24  
Operator : UM/SJ  
Sample : H6106-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
DA7H1

Manual Integrations  
APPROVED

sohil  
12/20/2016 6:29:50 PM

Quant Time: Dec 20 02:27:28 2016  
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Response via : Initial Calibration



TIC: BG025329.D

(51) 4-Nitrophenol-d4 (S)

15.097min (+0.027) 5.53ng/ul m

response 11504

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 78.40# |
| 41.00  | 58.00  | 45.38# |
| 42.00  | 42.20  | 24.45# |

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12/22/16

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121916\  
 Data File : BG025329.D  
 Acq On : 19 Dec 2016 22:24  
 Operator : UM/SJ  
 Sample : H6106-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 DA7H1

Manual Integrations  
 APPROVED

sohil  
 12/20/2016 6:29:50 PM

Quant Time: Dec 20 02:55:35 2016  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 20 02:21:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.22  | 152  | 51323    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.05 | 136  | 224804   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.85 | 164  | 176068   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.59 | 188  | 407514   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 569867   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.30 | 264  | 586477   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.57  | 96  | 2386   | 2.40  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.39  | 99  | 34197  | 7.72  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.53  | 67  | 96625  | 35.28 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.75  | 132 | 84370  | 27.25 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 65126  | 17.60 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.40  | 128 | 54074  | 33.97 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.13 | 143 | 65975  | 33.24 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.67 | 165 | 108142 | 28.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.22 | 131 | 5840m  | 1.56  | ng/ul | 0.03 |
| 43) Dimethylphthalate-d6       | 14.24 | 166 | 437937 | 36.16 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.54 | 160 | 488566 | 36.83 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.10 | 143 | 11504m | 5.53  | ng/ul | 0.03 |
| 57) Fluorene-d10               | 15.83 | 176 | 379758 | 33.31 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 69565  | 27.61 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.69 | 188 | 700547 | 40.73 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.97 | 212 | 908627 | 38.71 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.07 | 264 | 957800 | 40.31 | ng/ul | 0.00 |

} 0m12/20/16

Target Compounds Qvalue

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