

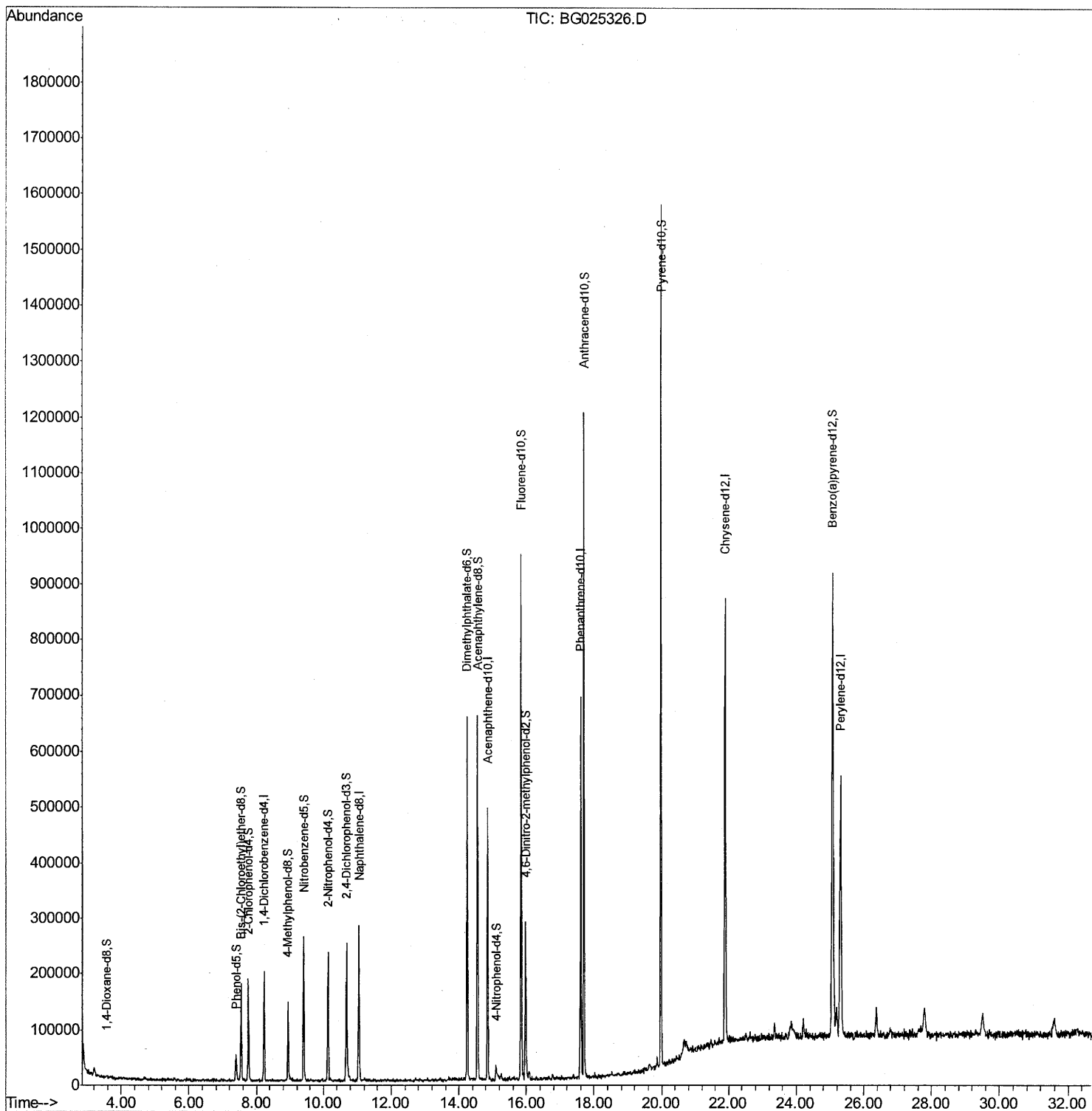
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121916\  
Data File : BG025326.D  
Acq On : 19 Dec 2016 20:26  
Operator : UM/SJ  
Sample : H6106-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
DA7G8

Manual Integrations  
APPROVED

sohil  
12/20/2016 6:29:47 PM

Quant Time: Dec 20 02:48:16 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



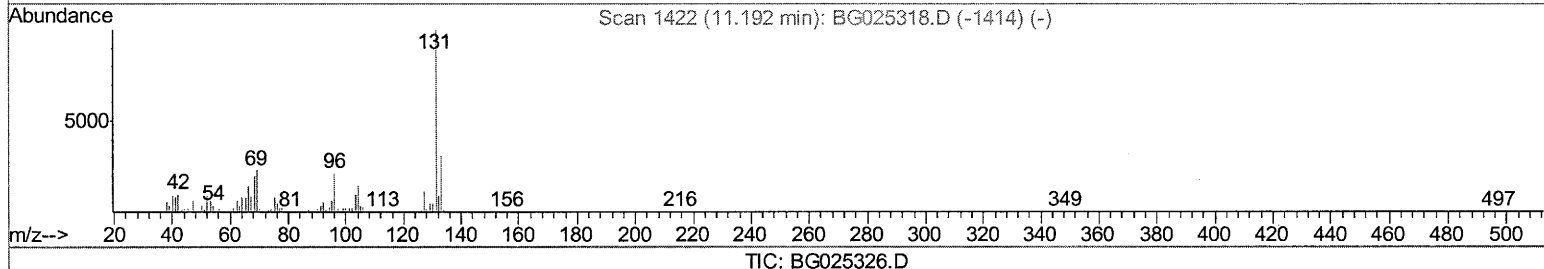
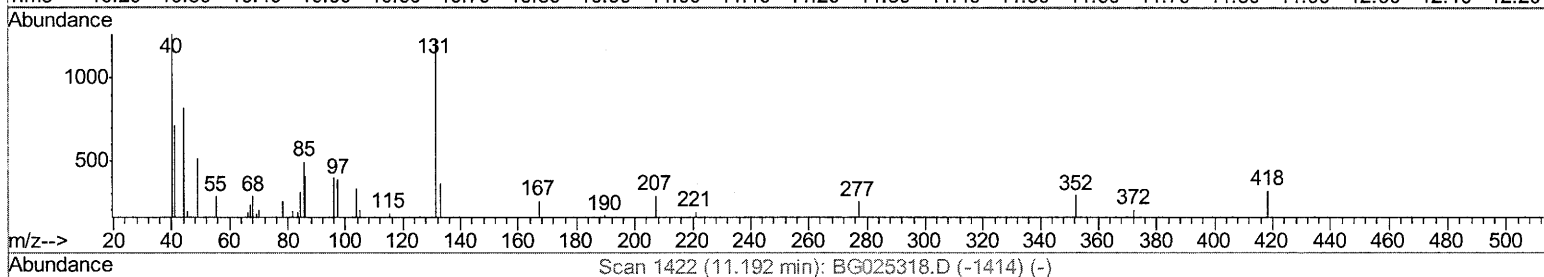
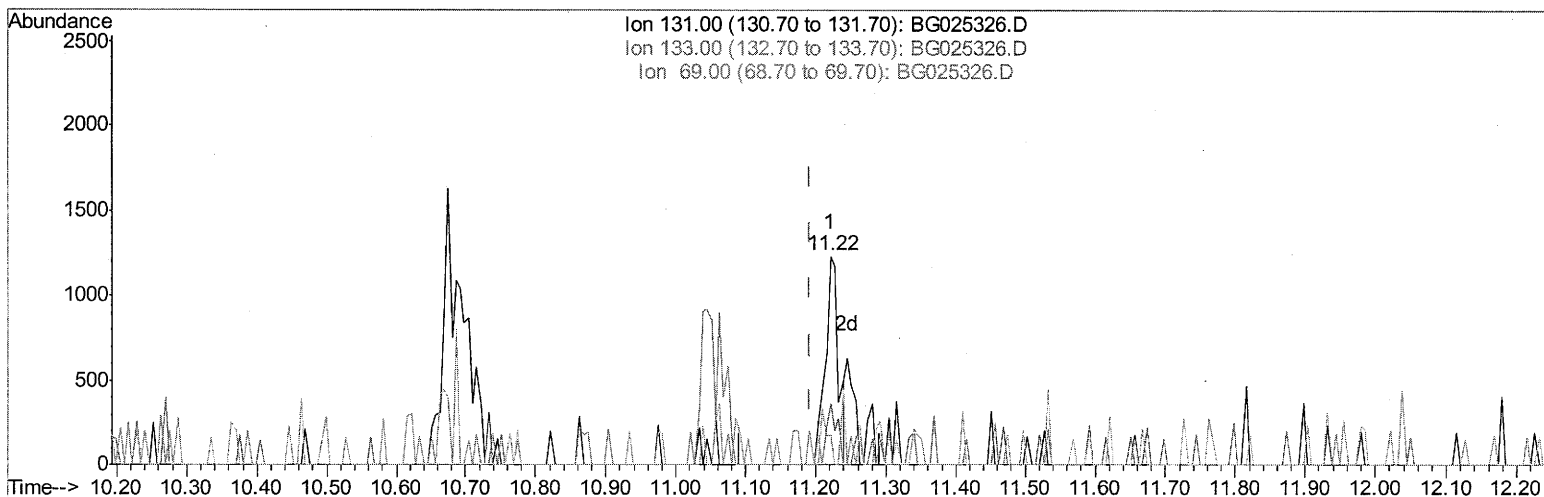
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Manual Integrations  
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sohil  
12/20/2016 6:29:47 PM

Quant Time: Dec 20 02:26:58 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



(29) 4-Chloroaniline-d4 (S)

11.221min (+0.029) 0.44ng/ul

response 1631

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 35.40 | 29.30  |
| 69.00  | 23.80 | 14.45# |
| 0.00   | 0.00  | 0.00   |

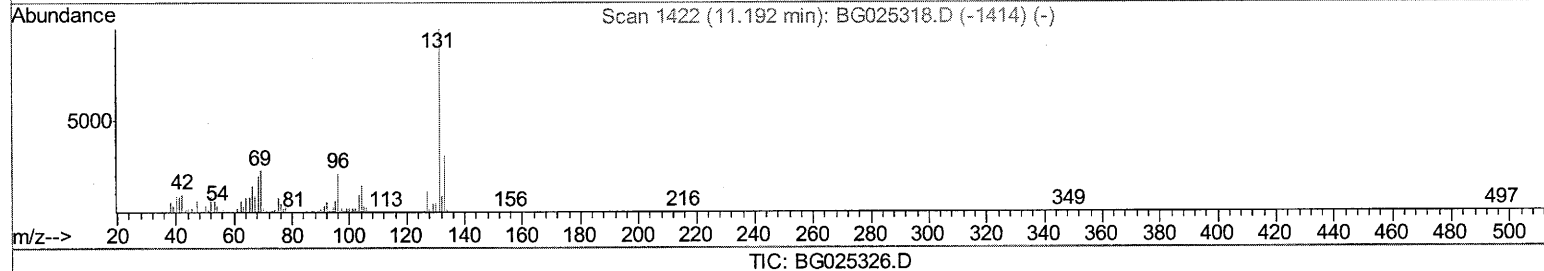
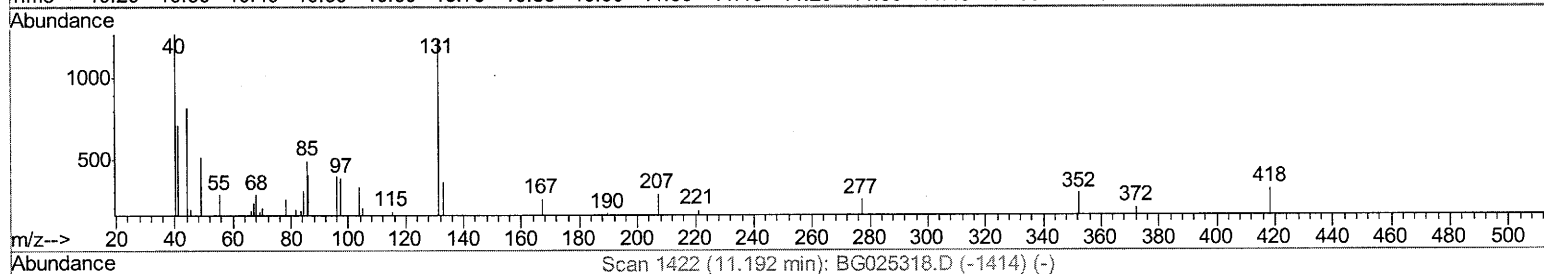
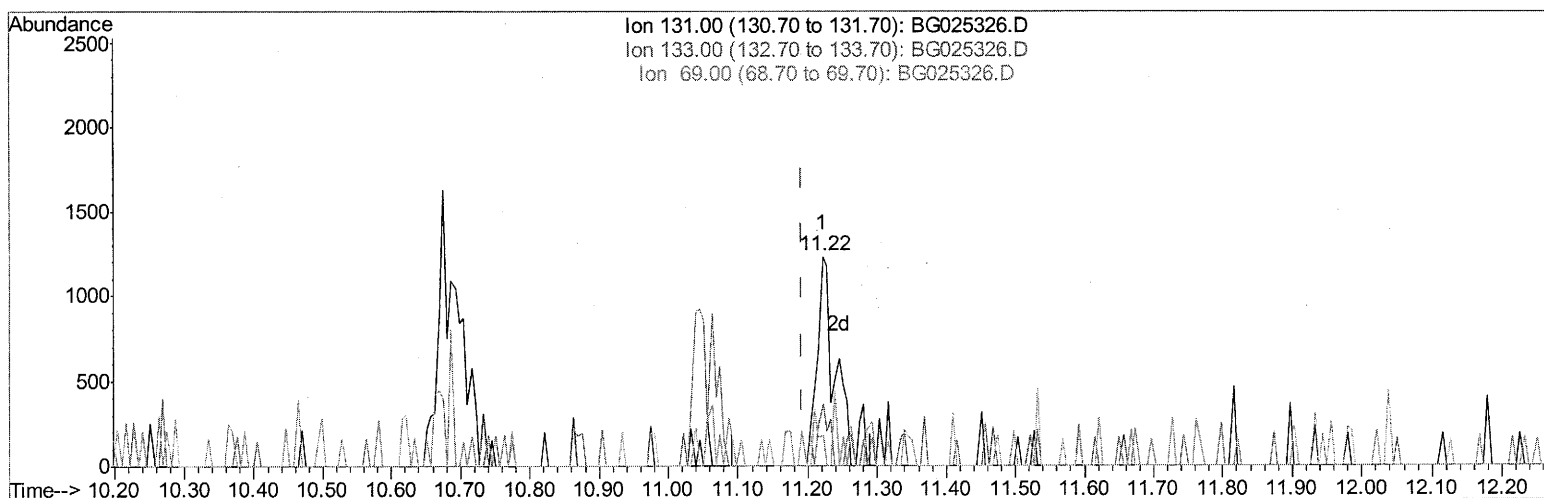
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Instrument :  
BNA\_G  
ClientSampled :  
DA7G8

Manual Integrations  
APPROVED

sohil  
12/20/2016 6:29:47 PM

Quant Time: Dec 20 02:26:58 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



(29) 4-Chloroaniline-d4 (S)

11.221min (+0.029) 0.59ng/ul m

response 2154

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 35.40 | 29.30  |
| 69.00  | 23.80 | 14.45# |
| 0.00   | 0.00  | 0.00   |

UM  
12/20/16

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121916\  
 Data File : BG025326.D  
 Acq On : 19 Dec 2016 20:26  
 Operator : UM/SJ  
 Sample : H6106-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 DA7G8

Manual Integrations  
 APPROVED

sohil  
 12/20/2016 6:29:47 PM

Quant Time: Dec 20 02:48:16 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

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.22  | 152  | 49644    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.04 | 136  | 220180   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.85 | 164  | 180770   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.59 | 188  | 403696   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.89 | 240  | 566531   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.30 | 264  | 575104   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 1492   | 1.55  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.38  | 99  | 28150  | 6.57  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.53  | 67  | 90556  | 34.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.75  | 132 | 76437  | 25.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 54269  | 15.16 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.41  | 128 | 54220  | 34.77 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.13 | 143 | 59252  | 30.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.67 | 165 | 100957 | 27.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.22 | 131 | 2154m  | 0.59  | ng/ul | 0.03 |
| 43) Dimethylphthalate-d6       | 14.24 | 166 | 437582 | 35.19 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.55 | 160 | 467030 | 34.29 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.11 | 143 | 7800   | 3.65  | ng/ul | 0.04 |
| 57) Fluorene-d10               | 15.83 | 176 | 389736 | 33.30 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 67603  | 27.08 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.69 | 188 | 686527 | 40.29 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.96 | 212 | 889482 | 38.12 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.06 | 264 | 929888 | 39.91 | ng/ul | 0.00 |

um 12/20/16

Target Compounds Qvalue

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