

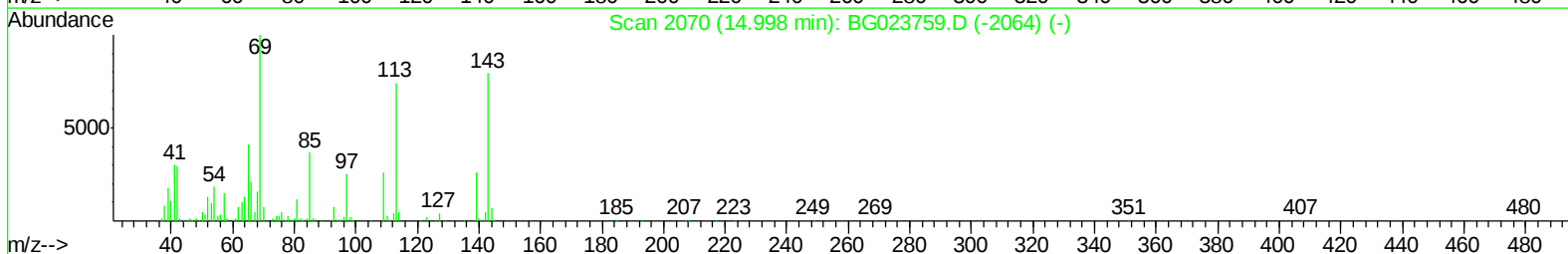
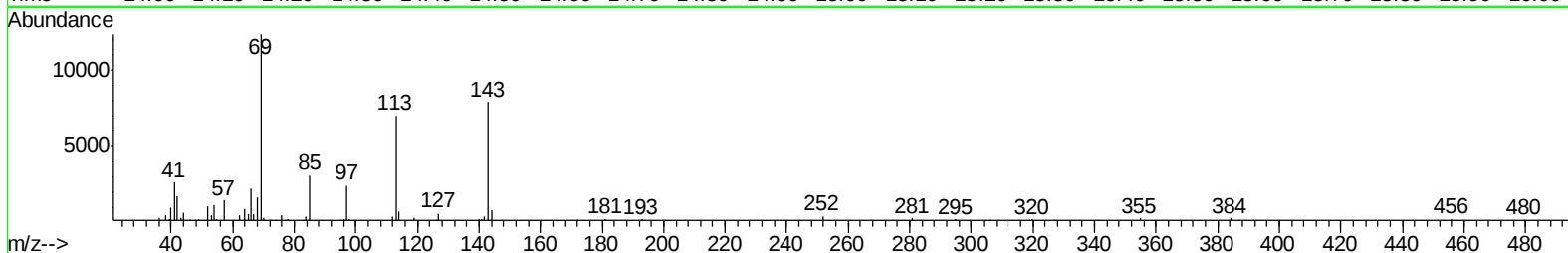
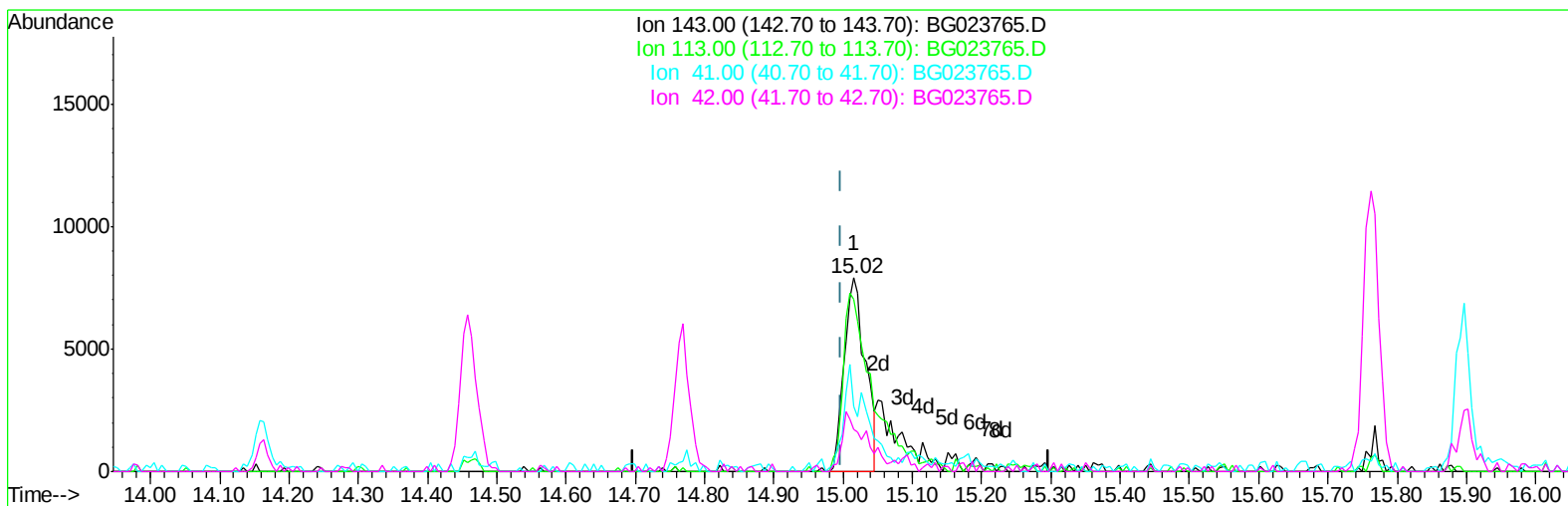
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081816\  
Data File : BG023765.D  
Acq On : 18 Aug 2016 19:47  
Operator : UM/SJ  
Sample : H4460-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BD2S9

Manual Integrations  
APPROVED

sohil  
8/19/2016 6:36:35 PM

Quant Time: Aug 19 01:44:09 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 19 01:43:20 2016  
Response via : Initial Calibration



TIC: BG023765.D

(51) 4-Nitrophenol-d4 (S)  
15.015min (+0.018) 4.18ng/ul

response 16936

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 53.50 | 88.88# |
| 41.00  | 26.90 | 33.54# |
| 42.00  | 16.10 | 21.94# |

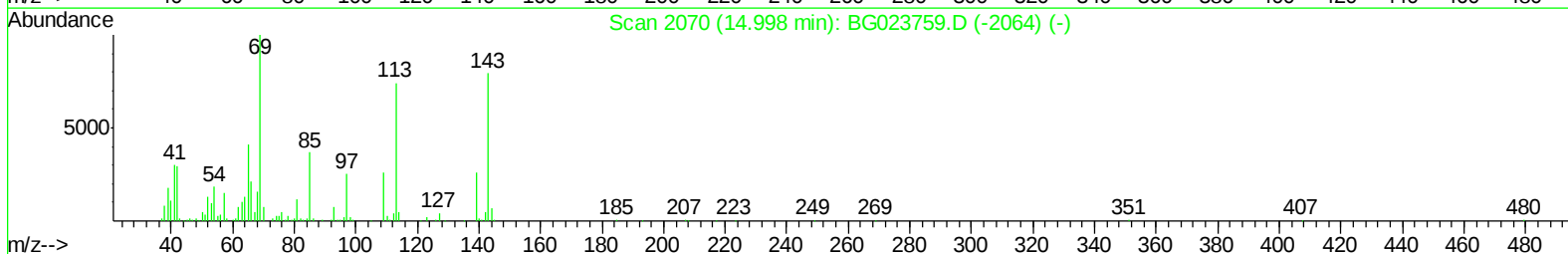
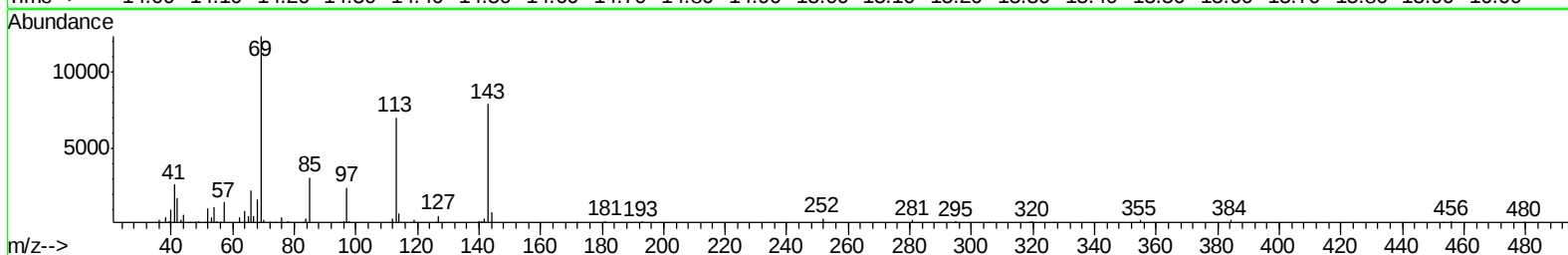
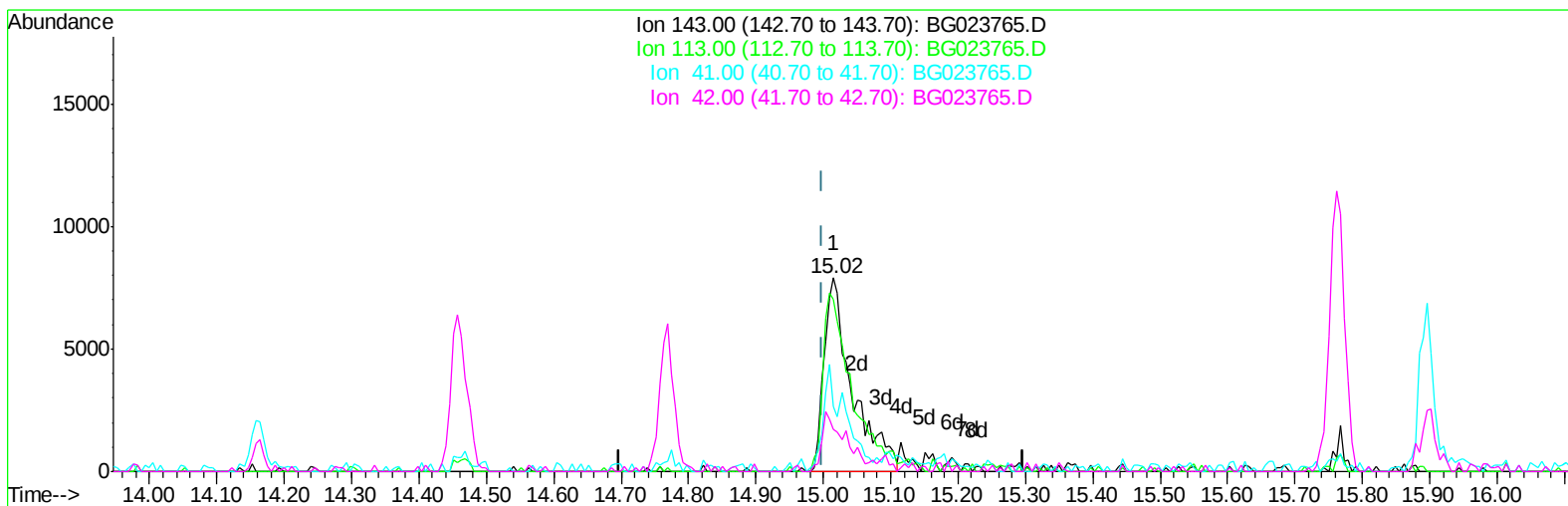
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TIC: BG023765.D

(51) 4-Nitrophenol-d4 (S)

15.015min (+0.018) 5.64ng/ul m

response 22859

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 53.50 | 88.88# |
| 41.00  | 26.90 | 33.54# |
| 42.00  | 16.10 | 21.94# |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 BD2S9

Manual Integrations  
 APPROVED

sohil  
 8/19/2016 6:36:35 PM

Quant Time: Aug 19 02:13:40 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG081816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 19 01:43:20 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 107166   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.93 | 136  | 464079   | 20.00 | ng/ul | -0.01    |
| 35) Acenaphthene-d10      | 14.77 | 164  | 302766   | 20.00 | ng/ul | -0.01    |
| 61) Phenanthrene-d10      | 17.53 | 188  | 706190   | 20.00 | ng/ul | -0.01    |
| 75) Chrysene-d12          | 21.84 | 240  | 795660   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.22 | 264  | 740262   | 20.00 | ng/ul | -0.02    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.47  | 96   | 2701     | 1.14  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.26  | 99   | 58890    | 5.86  | ng/ul | -0.02    |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67   | 206684   | 30.02 | ng/ul | -0.02    |
| 9) 2-Chlorophenol-d4           | 7.63  | 132  | 168916   | 23.68 | ng/ul | -0.02    |
| 13) 4-Methylphenol-d8          | 8.81  | 113  | 111147   | 14.15 | ng/ul | -0.02    |
| 19) Nitrobenzene-d5            | 9.27  | 128  | 109048   | 29.09 | ng/ul | -0.02    |
| 22) 2-Nitrophenol-d4           | 10.00 | 143  | 129603   | 30.32 | ng/ul | -0.01    |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165  | 205477   | 26.59 | ng/ul | -0.01    |
| 29) 4-Chloroaniline-d4         | 11.08 | 131  | 20717    | 2.19  | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.16 | 166  | 813269   | 32.40 | ng/ul | -0.01    |
| 46) Acenaphthylene-d8          | 14.46 | 160  | 910123   | 32.02 | ng/ul | -0.01    |
| 51) 4-Nitrophenol-d4           | 15.02 | 143  | 22859m   | 5.64  | ng/ul | 0.02     |
| 57) Fluorene-d10               | 15.76 | 176  | 705472   | 32.19 | ng/ul | -0.01    |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200  | 129242   | 28.87 | ng/ul | -0.01    |
| 70) Anthracene-d10             | 17.63 | 188  | 1066670  | 32.76 | ng/ul | -0.01    |
| 76) Pyrene-d10                 | 19.92 | 212  | 1242395  | 32.54 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 24.98 | 264  | 1109837  | 32.75 | ng/ul | -0.02    |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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

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