

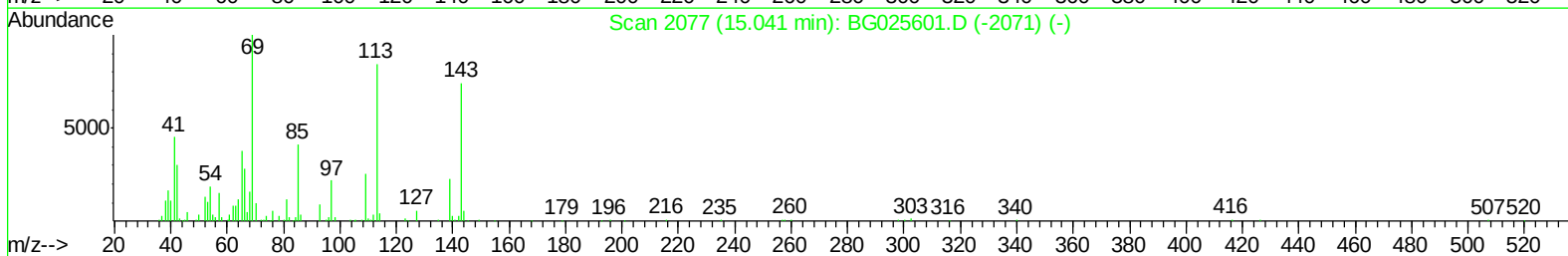
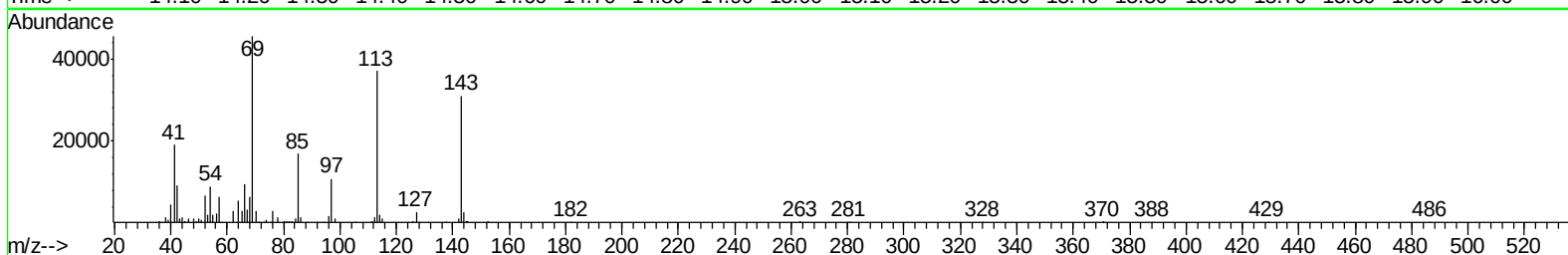
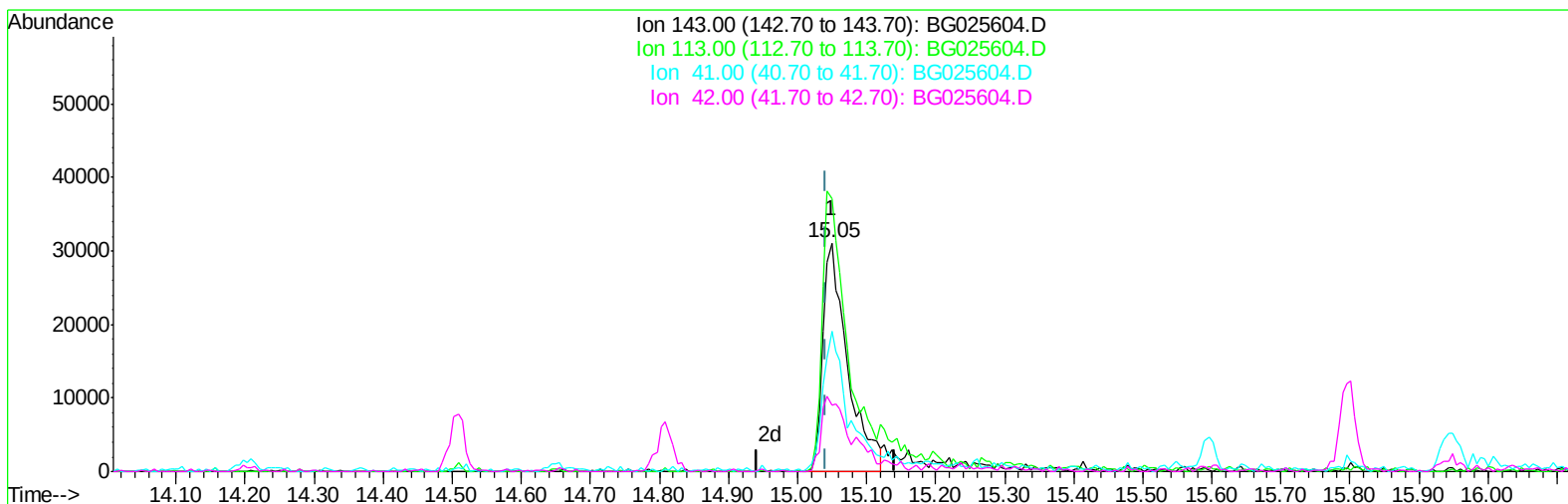
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012417\  
Data File : BG025604.D  
Acq On : 24 Jan 2017 12:35  
Operator : UM/SJ  
Sample : I1316-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BDP14

Manual Integrations  
APPROVED

mohammad  
1/25/2017 3:46:52 PM

Quant Time: Jan 25 00:49:44 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jan 25 00:45:14 2017  
Response via : Initial Calibration



TIC: BG025604.D

(51) 4-Nitrophenol-d4 (S)  
15.049min (+0.008) 29.92ng/ul  
response 76861

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 119.37 |
| 41.00  | 58.00  | 61.23  |
| 42.00  | 42.20  | 29.04# |

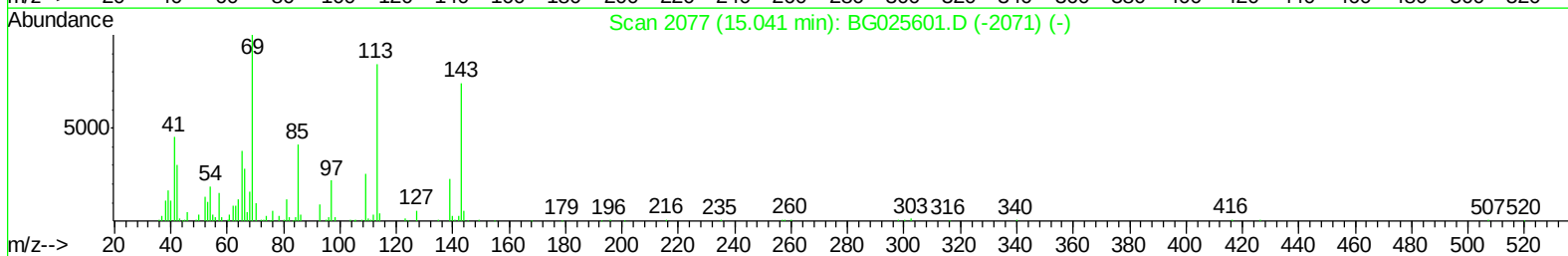
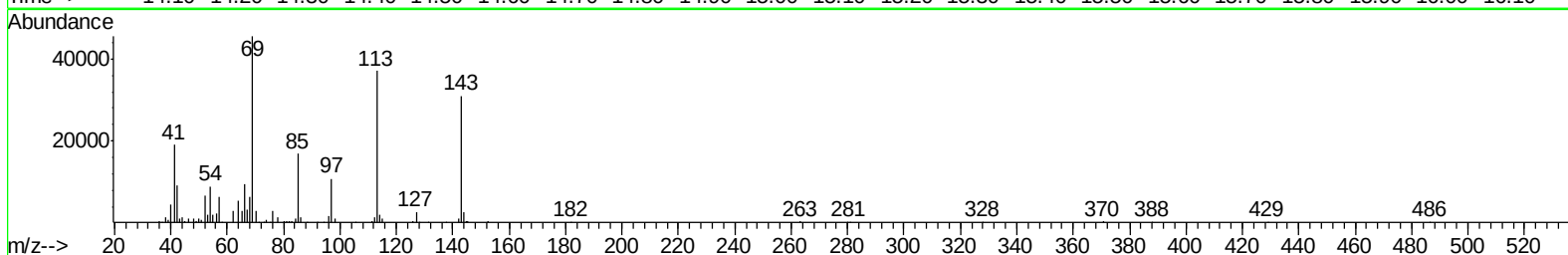
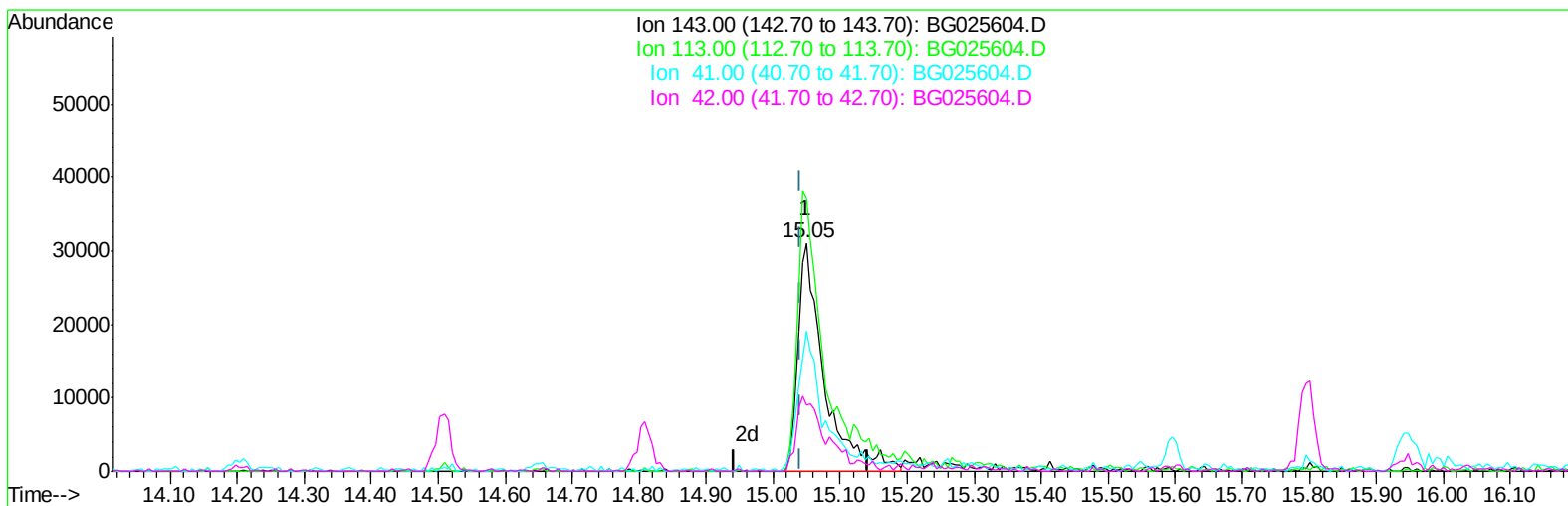
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TIC: BG025604.D

(51) 4-Nitrophenol-d4 (S)

15.049min (+0.008) 33.03ng/ul m

response 84836

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 119.37 |
| 41.00  | 58.00  | 61.23  |
| 42.00  | 42.20  | 29.04# |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDP14

Manual Integrations  
 APPROVED

mohammad  
 1/25/2017 3:46:52 PM

Quant Time: Jan 25 00:59:44 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 25 00:45:14 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 61877    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.01 | 136  | 284703   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.81 | 164  | 265457   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.56 | 188  | 605197   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 772300   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 777102   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 7999    | 6.47  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.34  | 99  | 166827  | 31.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 126478  | 36.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.71  | 132 | 127867  | 34.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.90  | 113 | 145636  | 32.31 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.36  | 128 | 67407   | 33.40 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.08 | 143 | 80360   | 33.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.64 | 165 | 149649  | 31.50 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.15 | 131 | 198738  | 37.43 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.20 | 166 | 663639  | 35.40 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.51 | 160 | 712444  | 35.18 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.05 | 143 | 84836m  | 33.03 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.80 | 176 | 591652  | 33.48 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.94 | 200 | 112172  | 30.05 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.66 | 188 | 972292  | 37.73 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.93 | 212 | 1232686 | 38.36 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.00 | 264 | 1249910 | 38.27 | ng/ul | 0.00 |

| Target Compounds      |       |     |        |      |        | Qvalue |
|-----------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol             | 7.37  | 94  | 30820  | 5.53 | ng/ul# | 89     |
| 44) Dimethylphthalate | 14.25 | 163 | 162085 | 8.79 | ng/ul  | 95     |

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

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