

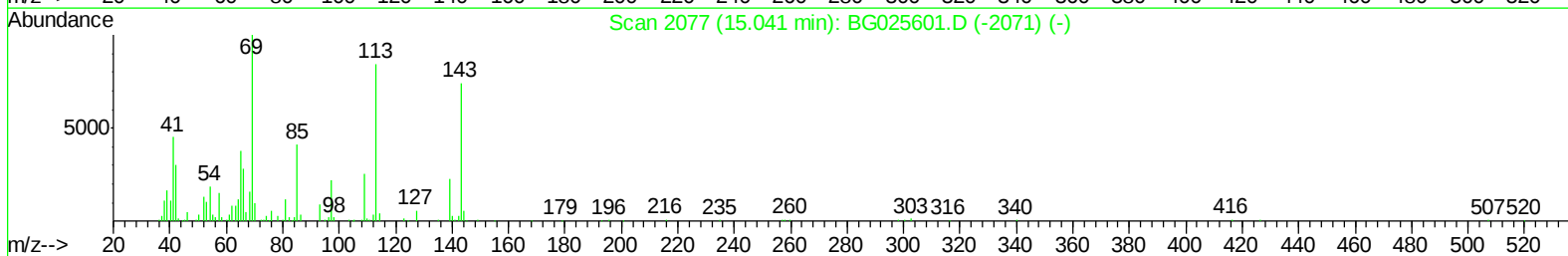
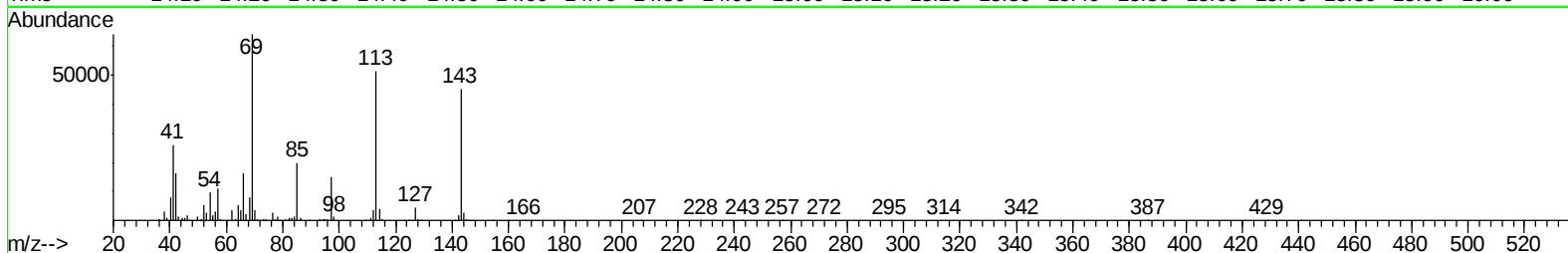
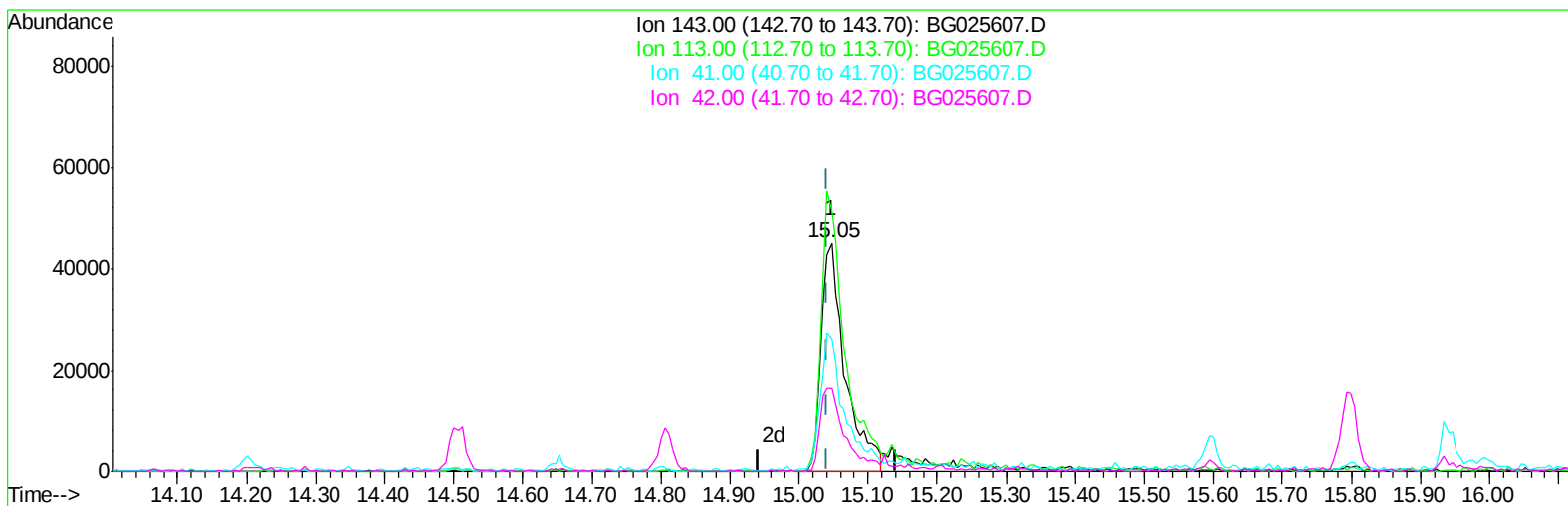
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012417\  
Data File : BG025607.D  
Acq On : 24 Jan 2017 14:34  
Operator : UM/SJ  
Sample : I1316-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BDP18

Manual Integrations  
APPROVED

mohammad  
1/25/2017 3:47:02 PM

Quant Time: Jan 25 00:50:12 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: BG025607.D

(51) 4-Nitrophenol-d4 (S)

15.047min (+0.006) 36.44ng/ul

response 108255

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 113.75 |
| 41.00  | 58.00  | 57.82  |
| 42.00  | 42.20  | 36.17  |

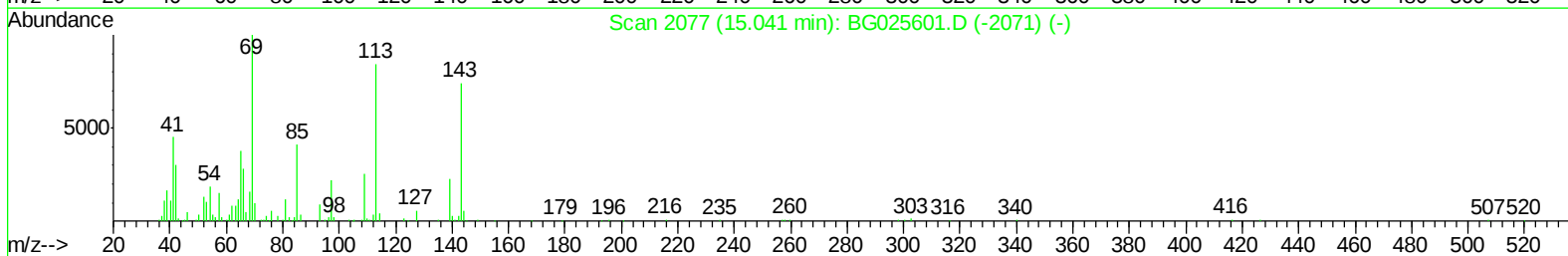
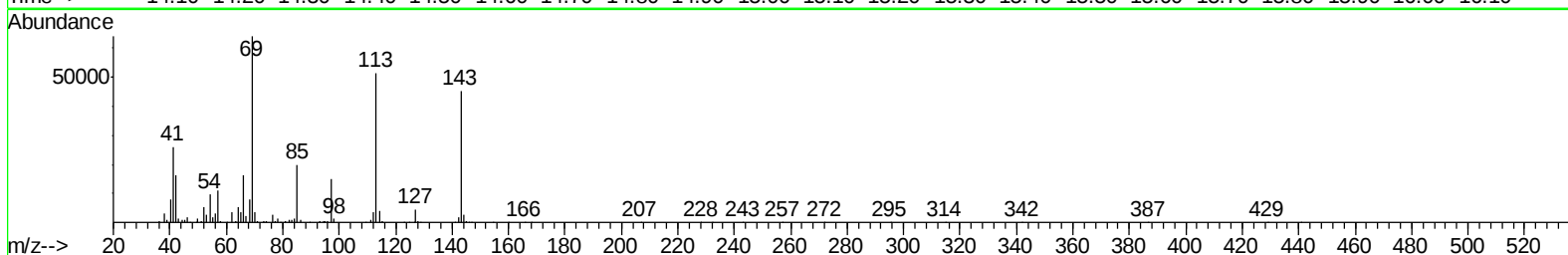
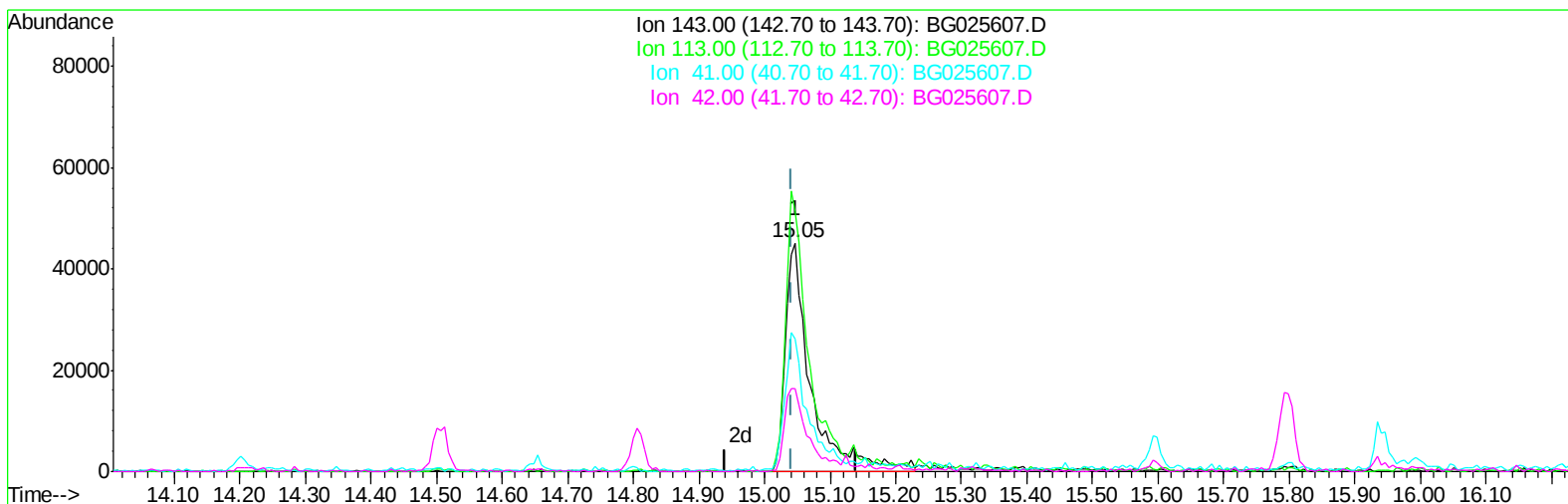
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012417\  
Data File : BG025607.D  
Acq On : 24 Jan 2017 14:34  
Operator : UM/SJ  
Sample : I1316-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BDP18

Manual Integrations  
APPROVED

mohammad  
1/25/2017 3:47:02 PM

Quant Time: Jan 25 00:50:12 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: BG025607.D

(51) 4-Nitrophenol-d4 (S)

15.047min (+0.006) 41.22ng/ul m

response 122446

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 113.75 |
| 41.00  | 58.00  | 57.82  |
| 42.00  | 42.20  | 36.17  |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012417\  
 Data File : BG025607.D  
 Acq On : 24 Jan 2017 14:34  
 Operator : UM/SJ  
 Sample : I1316-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDP18

Manual Integrations  
 APPROVED

mohammad  
 1/25/2017 3:47:02 PM

Quant Time: Jan 25 01:16:38 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 | 8.18  | 152  | 72290    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 342419   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.81 | 164  | 307019   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.56 | 188  | 717729   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.84 | 240  | 870689   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 893139   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96   | 7712     | 5.34  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.34  | 99   | 208707   | 33.69 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67   | 151467   | 37.85 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.71  | 132  | 152265   | 34.84 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.90  | 113  | 190628   | 36.20 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.36  | 128  | 85192    | 35.10 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.09 | 143  | 105739   | 36.51 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.63 | 165  | 186905   | 32.71 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.15 | 131  | 235170   | 36.82 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.21 | 166  | 813611   | 37.53 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.51 | 160  | 903285   | 38.57 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.05 | 143  | 122446m  | 41.22 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.80 | 176  | 728900   | 35.67 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.94 | 200  | 152193   | 34.38 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.66 | 188  | 1167855  | 38.22 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.94 | 212  | 1431007  | 39.50 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.00 | 264  | 1504041  | 40.07 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc | Units | Qvalue |
|-----------------------|-------|------|----------|------|-------|--------|
| 6) Phenol             | 7.36  | 94   | 43139    | 6.63 | ng/ul | 99     |
| 44) Dimethylphthalate | 14.25 | 163  | 183643   | 8.61 | ng/ul | 95     |

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

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012417\  
Data File : BG025607.D  
Acq On : 24 Jan 2017 14:34  
Operator : UM/SJ  
Sample : I1316-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BDP18

Manual Integrations  
APPROVED

mohammad  
1/25/2017 3:47:02 PM

Quant Time: Jan 25 01:16:38 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

