

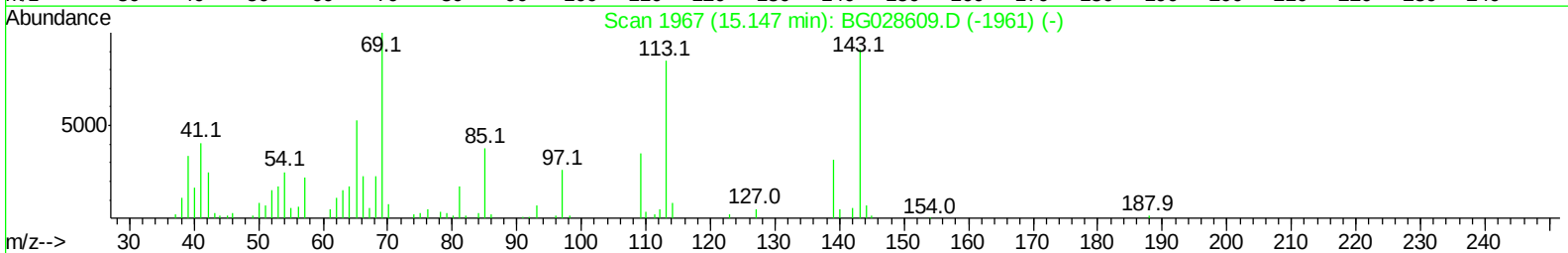
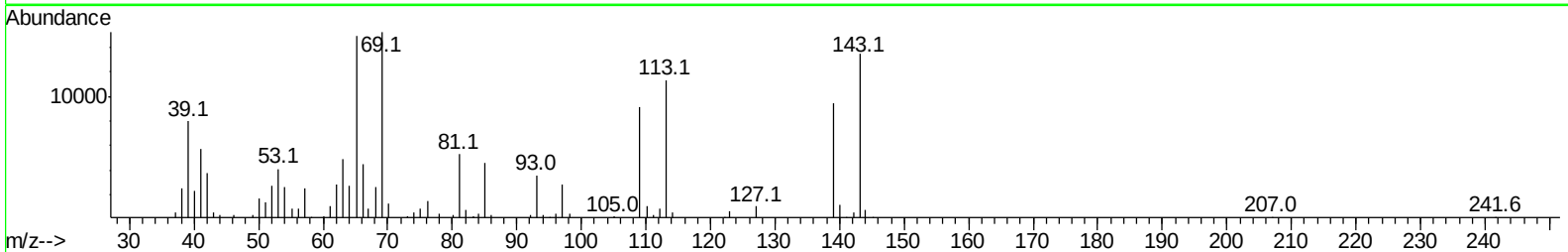
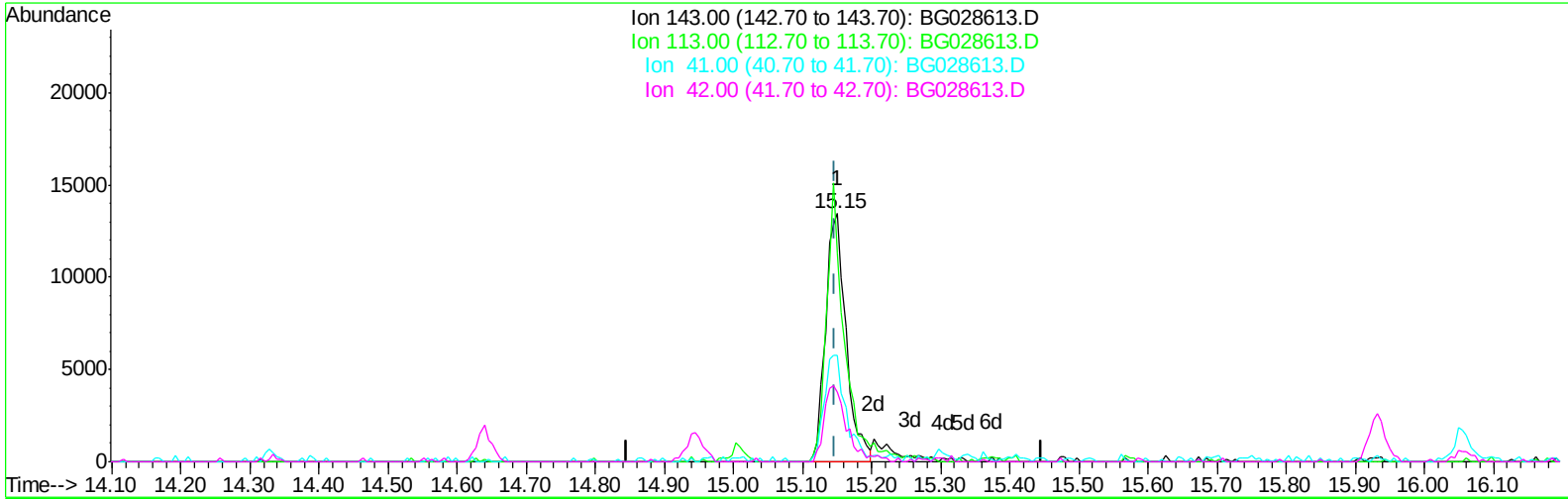
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090917\  
Data File : BG028613.D  
Acq On : 9 Sep 2017 11:42  
Operator : SJ/JU  
Sample : I5166-03MSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E61F9MSD

Manual Integrations  
APPROVED

Sohil  
9/11/2017 2:44:13 PM

Quant Time: Sep 11 01:30:24 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG090817.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Sep 11 01:26:59 2017  
Response via : Initial Calibration



TIC: BG028613.D

(51) 4-Nitrophenol-d4 (S)  
15.151min (+0.003) 21.05ng/ul  
response 27647

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 84.31# |
| 41.00  | 58.00  | 42.93# |
| 42.00  | 42.20  | 28.10# |

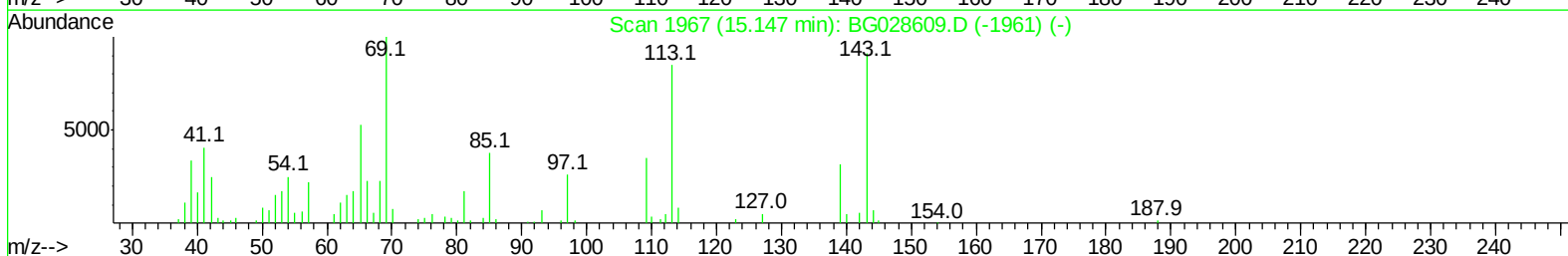
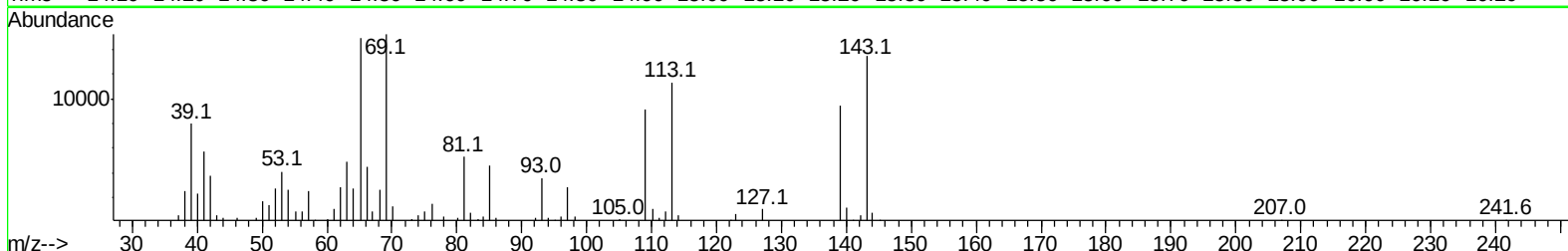
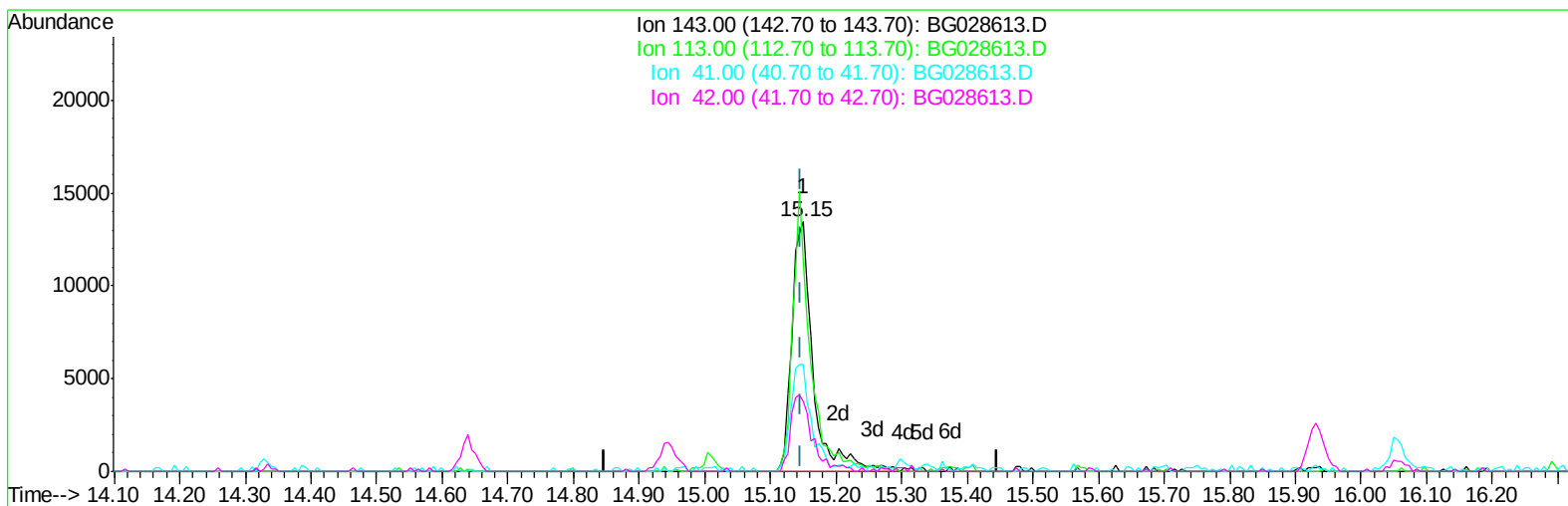
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TIC: BG028613.D

(51) 4-Nitrophenol-d4 (S)

15.151min (+0.003) 23.24ng/ul m

response 30517

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 117.30 | 84.31# |
| 41.00  | 58.00  | 42.93# |
| 42.00  | 42.20  | 28.10# |

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Manual Integrations  
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Sohil  
 9/11/2017 2:44:13 PM

Quant Time: Sep 11 02:11:29 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG090817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 11 01:26:59 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.34  | 152  | 30608    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.16 | 136  | 127176   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.94 | 164  | 92630    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.69 | 188  | 249142   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.02 | 240  | 288056   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.54 | 264  | 285050   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.81  | 96  | 3046   | 4.52  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.49  | 99  | 64439  | 22.12 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.65  | 67  | 40487  | 22.63 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.86  | 132 | 49965  | 24.13 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.03  | 113 | 56167  | 23.46 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.50  | 128 | 24456  | 22.95 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.23 | 143 | 29322  | 22.93 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.77 | 165 | 55537  | 23.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.28 | 131 | 49319  | 23.64 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.33 | 166 | 214649 | 25.28 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.64 | 160 | 230617 | 23.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.15 | 143 | 30517m | 23.24 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.93 | 176 | 177987 | 23.51 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 40103  | 22.87 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.79 | 188 | 311718 | 24.91 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.07 | 212 | 365446 | 26.02 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.29 | 264 | 328780 | 23.73 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol                      | 7.51  | 94  | 96522  | 33.116 | ng/ul 93  |
| 10) 2-Chlorophenol             | 7.90  | 128 | 49520  | 24.904 | ng/ul 92  |
| 15) N-Nitroso-di-n-propylamine | 9.12  | 70  | 41148  | 21.839 | ng/ul 88  |
| 33) 4-Chloro-3-methylphenol    | 12.41 | 107 | 74763  | 28.257 | ng/ul 97  |
| 44) Dimethylphthalate          | 14.38 | 163 | 179558 | 22.967 | ng/ul# 98 |
| 49) Acenaphthene               | 15.01 | 153 | 136304 | 21.872 | ng/ul 97  |
| 52) 4-Nitrophenol              | 15.16 | 109 | 30044  | 24.827 | ng/ul# 71 |
| 54) 2,4-Dinitrotoluene         | 15.31 | 165 | 56004  | 22.289 | ng/ul# 86 |
| 68) Pentachlorophenol          | 17.35 | 266 | 41417  | 28.012 | ng/ul 93  |
| 77) Pyrene                     | 20.10 | 202 | 387561 | 23.310 | ng/ul 98  |

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

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