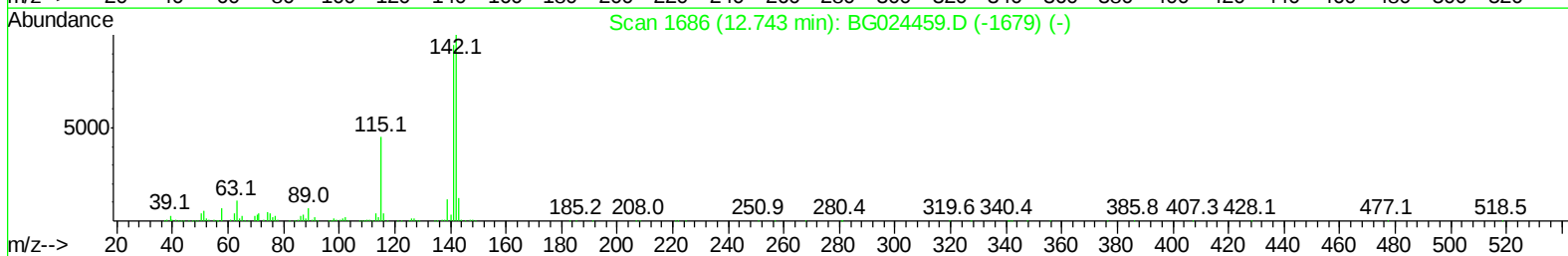
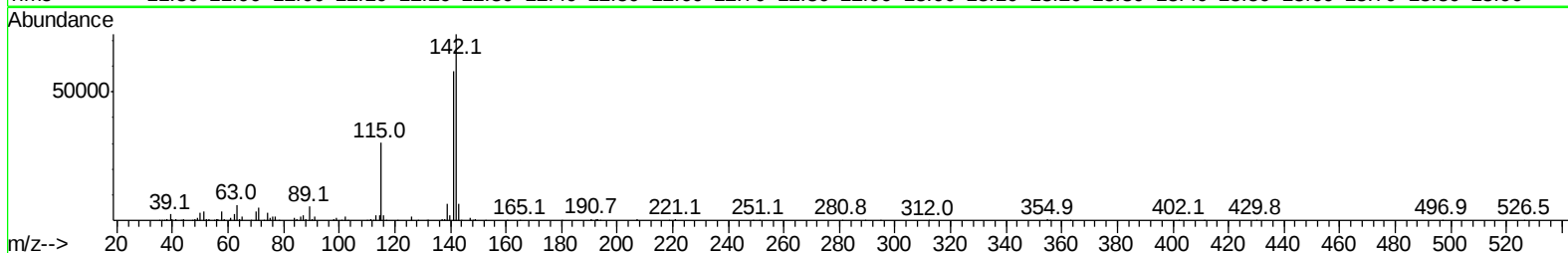
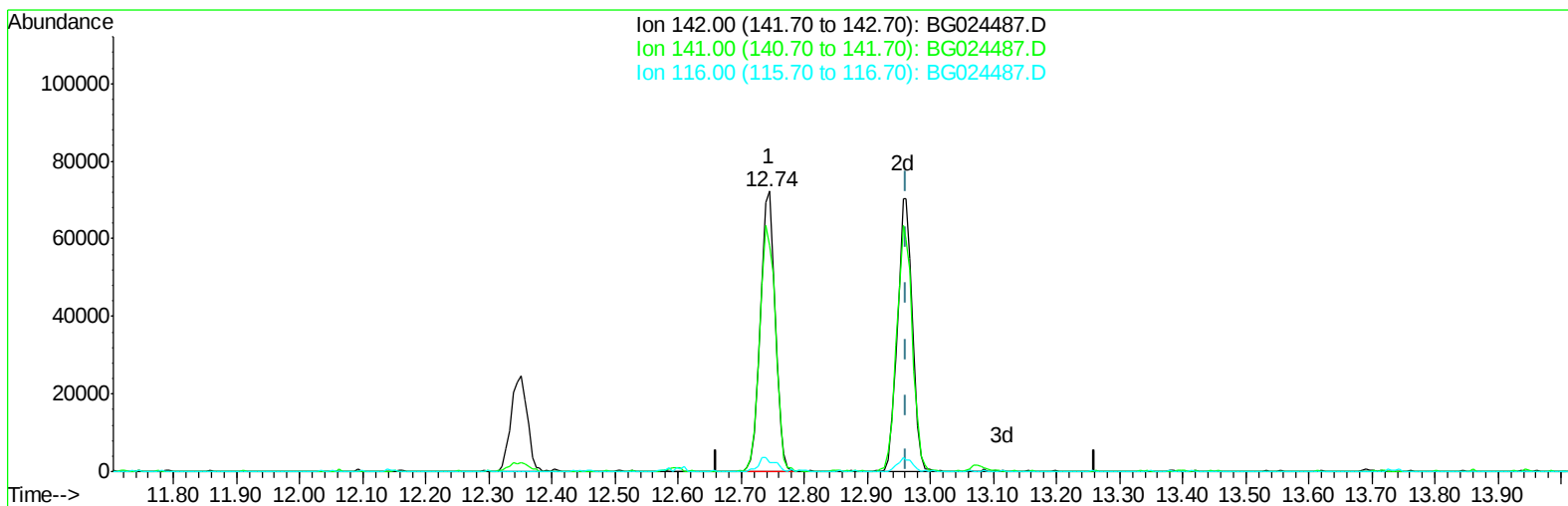


Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\  
Data File : BG024487.D  
Acq On : 21 Oct 2016 6:53  
Operator : UM/SJ  
Sample : MDL-05-W  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 21 09:07:13 2016  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 21 08:52:07 2016  
Response via : Initial Calibration



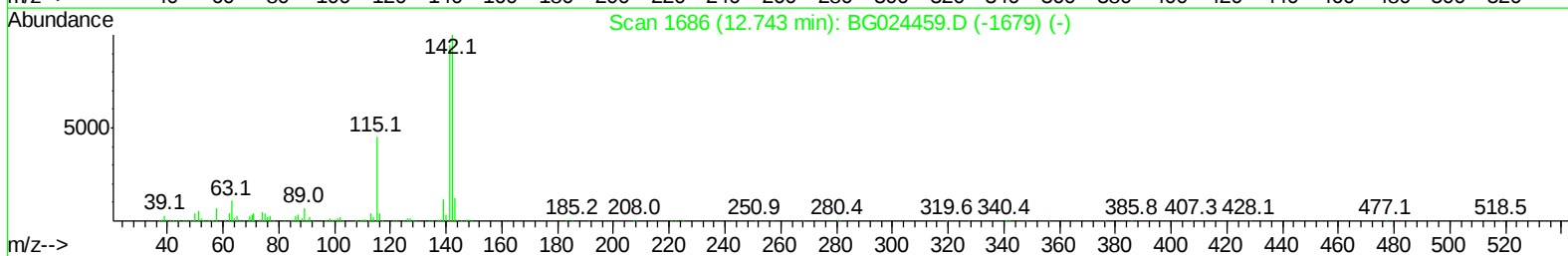
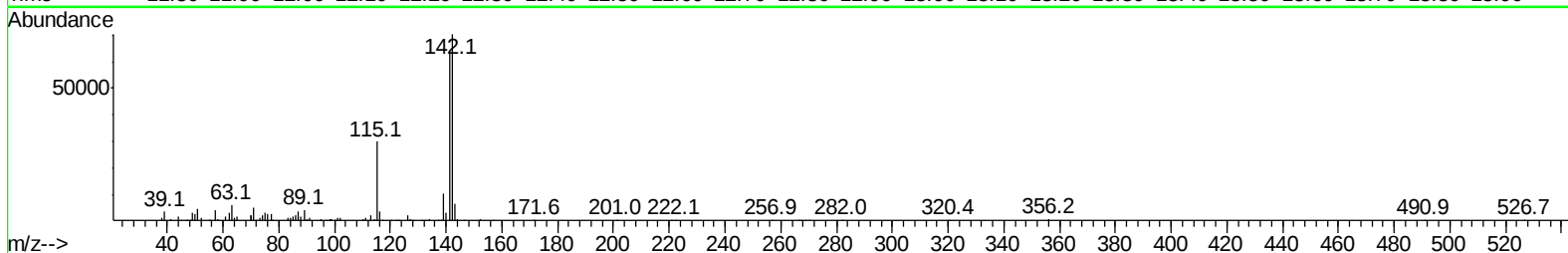
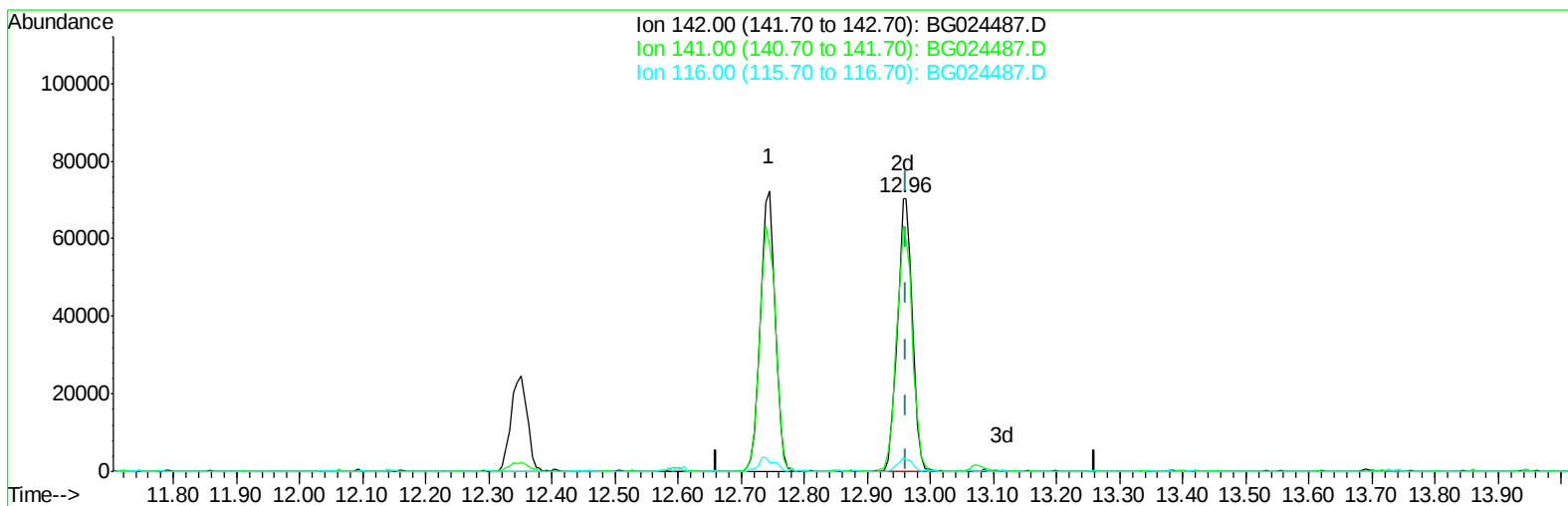
TIC: BG024487.D

(12) 1-Methylnaphthalene  
12.744min (-0.217) 3.38ng/ul  
response 115464

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 142.00 | 100   | 100   |
| 141.00 | 93.60 | 80.43 |
| 116.00 | 3.90  | 3.30  |
| 0.00   | 0.00  | 0.00  |

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Response via : Initial Calibration



TIC: BG024487.D

(12) 1-Methylnaphthalene

12.956min (-0.006) 3.51ng/ul m

response 119659

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 142.00 | 100   | 100   |
| 141.00 | 93.60 | 89.90 |
| 116.00 | 3.90  | 5.13# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA G\Data\BG102016\  
 Data File : BG024487.D  
 Acq On : 21 Oct 2016 6:53  
 Operator : UM/SJ  
 Sample : MDL-05-W  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 21 09:07:45 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102016-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 21 08:52:07 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 215140   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 11.11 | 136  | 991289   | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 14.89 | 164  | 800165   | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 17.63 | 188  | 1570865  | 20.00 | ng/ul | 0.00     |
| 23) Chrysene-d12          | 21.93 | 240  | 1826619  | 20.00 | ng/ul | 0.00     |
| 25) Perylene-d12          | 25.38 | 264  | 1898396  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 2) 1,4-Dioxane-d8              | 3.64  | 96   | 26126    | 5.18  | ng/uL | 0.00     |
| 3) Phenol-d5                   | 7.41  | 99   | 609435   | 36.56 | ng/ul | 0.00     |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.59  | 67   | 391021   | 39.58 | ng/ul | 0.00     |
| 5) 2-Chlorophenol-d4           | 7.80  | 132  | 424320   | 33.16 | ng/ul | 0.00     |
| 6) 4-Methylphenol-d8           | 8.97  | 113  | 508019   | 38.78 | ng/ul | 0.00     |
| 8) Nitrobenzene-d5             | 9.45  | 128  | 239079   | 34.14 | ng/ul | 0.00     |
| 9) 2-Nitrophenol-d4            | 10.18 | 143  | 279242   | 36.54 | ng/ul | 0.00     |
| 10) 2,4-Dichlorophenol-d3      | 10.71 | 165  | 513462   | 34.14 | ng/ul | 0.00     |
| 11) 4-Chloroaniline-d4         | 11.23 | 131  | 617220   | 36.17 | ng/ul | 0.00     |
| 14) Dimethylphthalate-d6       | 14.29 | 166  | 1633805  | 29.27 | ng/ul | 0.00     |
| 15) Acenaphthylene-d8          | 14.60 | 160  | 1900004  | 29.04 | ng/ul | 0.00     |
| 16) 4-Nitrophenol-d4           | 15.06 | 143  | 279374   | 30.44 | ng/ul | 0.00     |
| 17) Fluorene-d10               | 15.88 | 176  | 1513803  | 31.43 | ng/ul | 0.00     |
| 19) 4,6-Dinitro-2-methylphenol | 15.99 | 200  | 327598   | 34.42 | ng/ul | 0.00     |
| 20) Anthracene-d10             | 17.74 | 188  | 2083567  | 29.17 | ng/ul | 0.00     |
| 24) Pyrene-d10                 | 20.01 | 212  | 2370902  | 32.06 | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12         | 25.14 | 264  | 2566304  | 31.04 | ng/ul | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc | Units | Ovalue |
|--------------------------------|-------|------|----------|------|-------|--------|
| 12) 1-Methylnaphthalene        | 12.96 | 142  | 119659m  | 3.51 | ng/ul |        |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.70 | 216  | 76956    | 3.36 | ng/uL | 92     |
| 22) Pentachlorobenzene         | 15.20 | 250  | 80357    | 3.36 | ng/uL | 95     |

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

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