

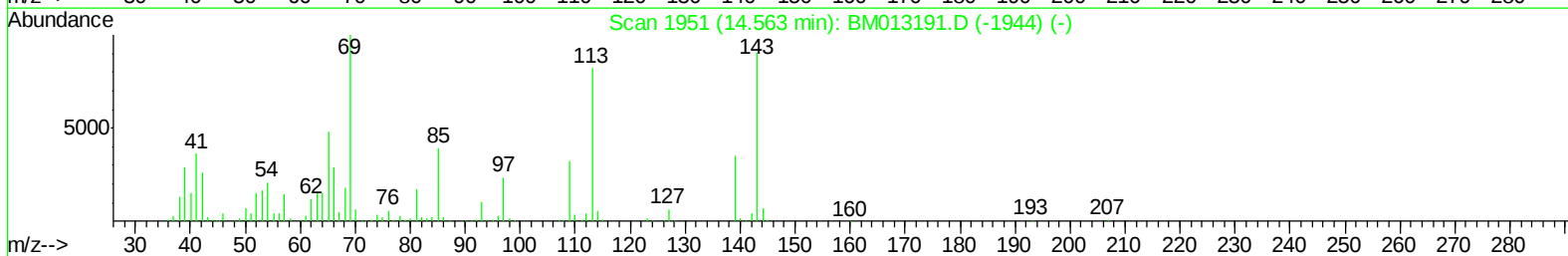
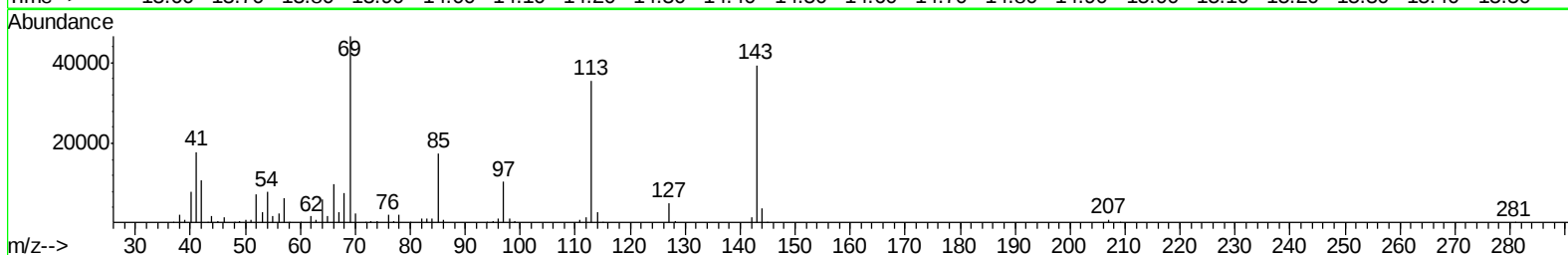
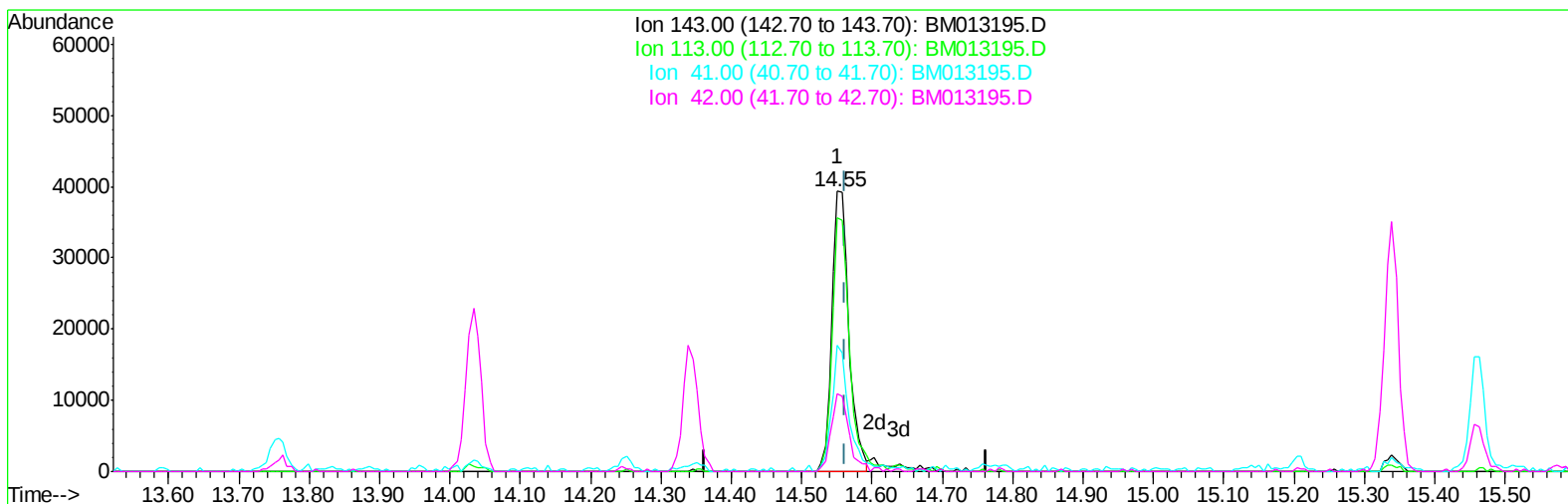
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120517\  
Data File : BM013195.D  
Acq On : 05 Dec 2017 18:55  
Operator : SJ/JU  
Sample : I6689-02  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JHPP5

Quant Time: Dec 06 01:32:20 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Dec 06 01:31:21 2017  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Sohil  
12/6/2017 5:15:05 PM



TIC: BM013195.D

(51) 4-Nitrophenol-d4 (S)

14.551min (-0.012) 5.97ng/ul

response 65726

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 90.41# |
| 41.00  | 34.80  | 45.19# |
| 42.00  | 20.50  | 27.70# |

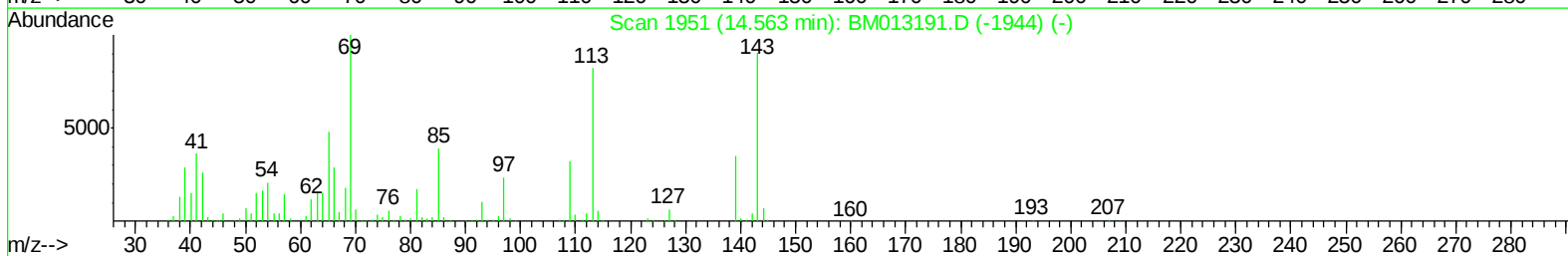
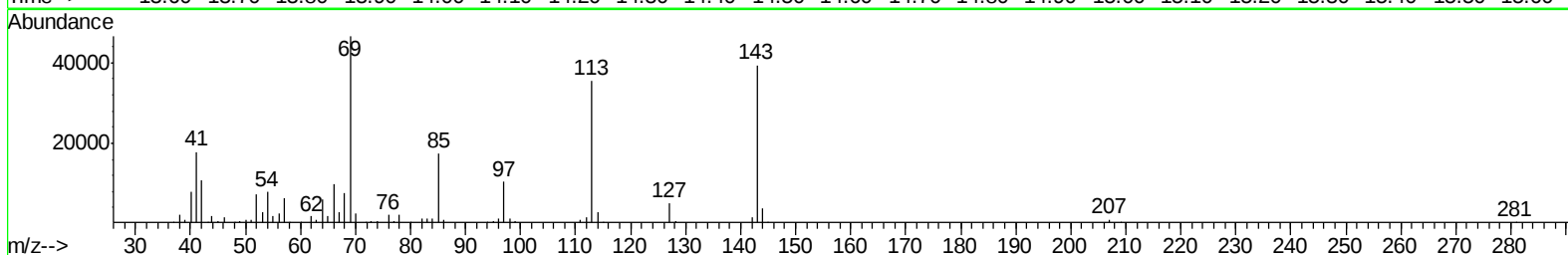
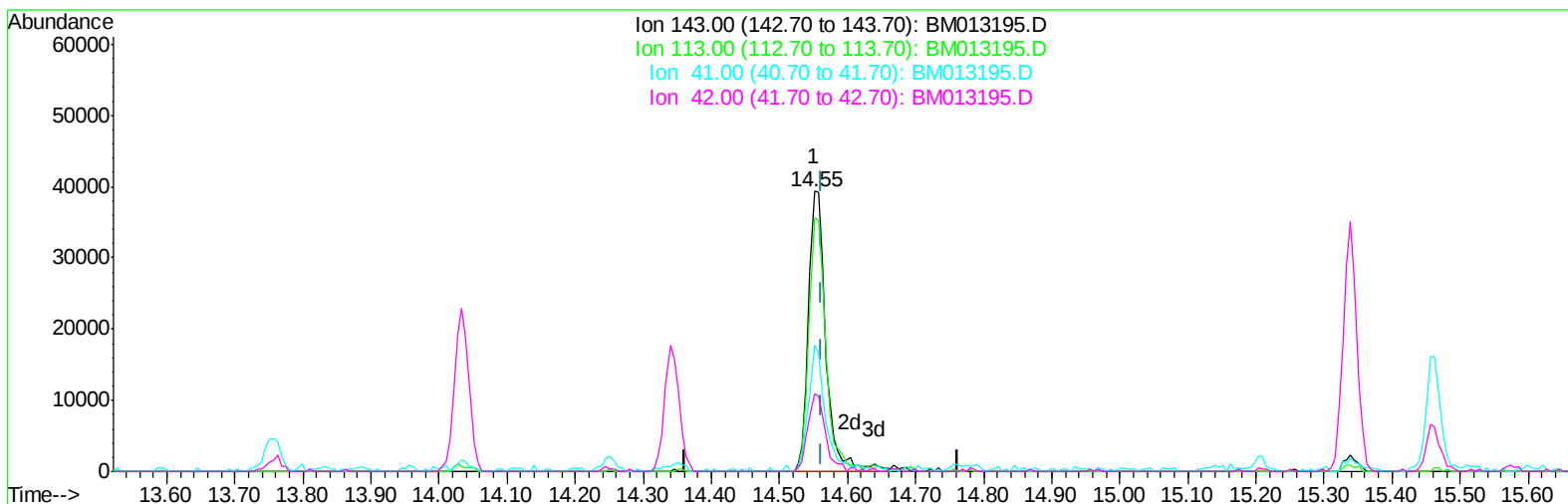
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TIC: BM013195.D

(51) 4-Nitrophenol-d4 (S)

14.551min (-0.012) 6.31ng/ul m

response 69538

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 90.41# |
| 41.00  | 34.80  | 45.19# |
| 42.00  | 20.50  | 27.70# |

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Manual Integrations  
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Quant Time: Dec 06 01:53:40 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 06 01:31:21 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 239916   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.48 | 136  | 1098088  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.35 | 164  | 712523   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.09 | 188  | 1659849  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.27 | 240  | 1613964  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.50 | 264  | 1316485  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 28456   | 5.87  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.88  | 99  | 146840  | 7.07  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 389327  | 32.88 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.24  | 132 | 423314  | 26.10 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.41  | 113 | 288392  | 16.26 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 297236  | 34.13 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.57  | 143 | 331033  | 35.52 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.11 | 165 | 556204  | 28.96 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.63 | 131 | 3466    | 0.20  | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.76 | 166 | 2119513 | 33.43 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.03 | 160 | 2519755 | 32.20 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 69538m  | 6.31  | ng/ul | -0.01 |
| 57) Fluorene-d10               | 15.34 | 176 | 1777423 | 32.60 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 315969  | 30.26 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.19 | 188 | 2834454 | 34.10 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.49 | 212 | 3042362 | 37.84 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.36 | 264 | 2357791 | 35.16 | ng/ul | -0.01 |

| Target Compounds | Ovalue |
|------------------|--------|
|------------------|--------|

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

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