

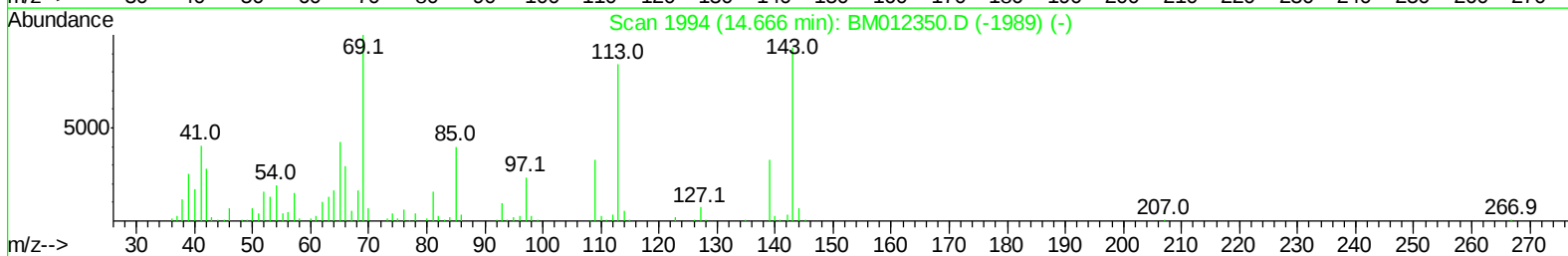
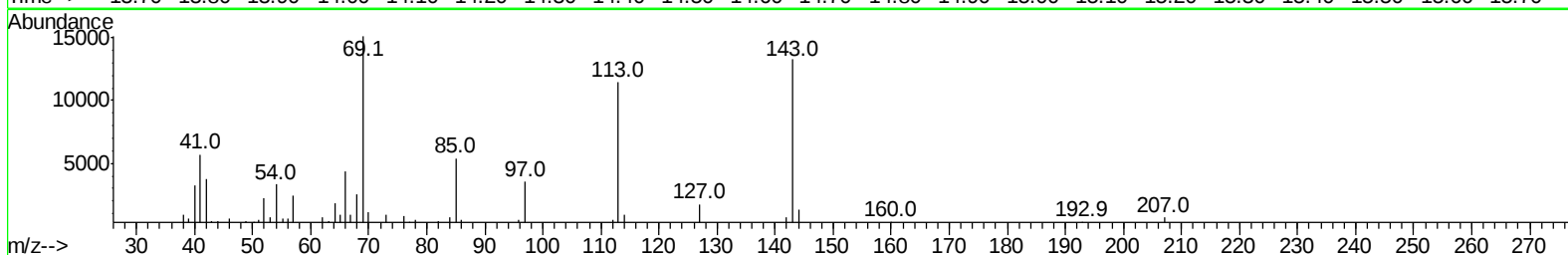
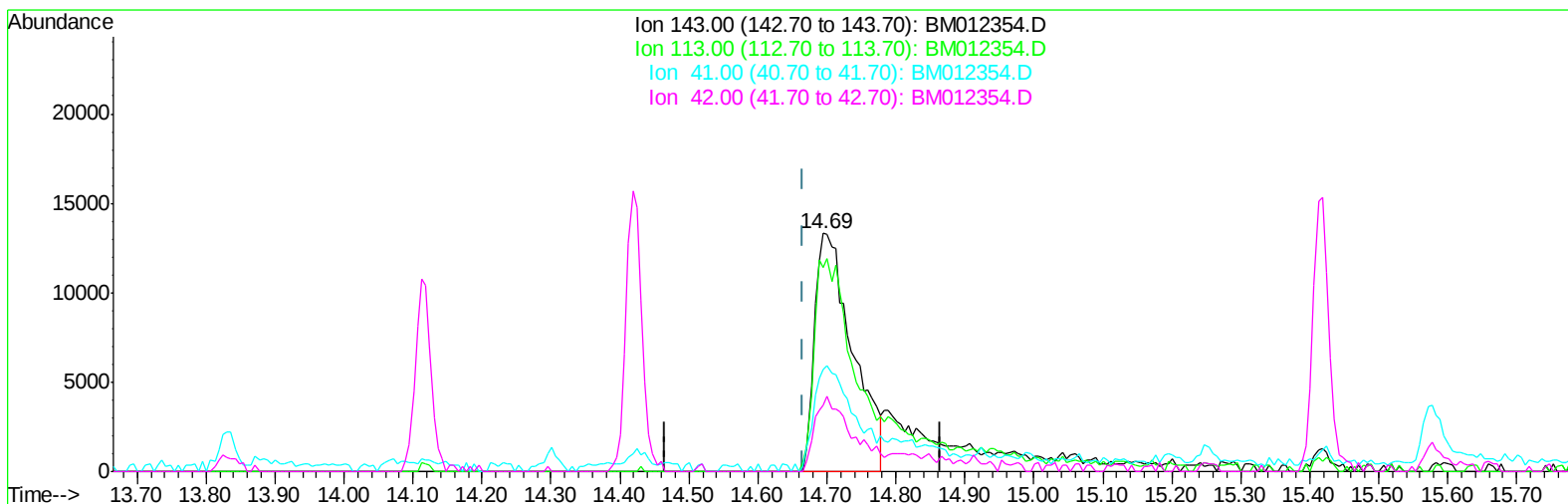
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\  
Data File : BM012354.D  
Acq On : 21 Oct 2017 12:10  
Operator : SJ/JU  
Sample : I5701-06  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B0CF9

Manual Integrations  
APPROVED

Sohil  
10/23/2017 3:59:23 PM

Quant Time: Oct 23 05:03:12 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Oct 23 05:01:01 2017  
Response via : Initial Calibration



TIC: BM012354.D

(51) 4-Nitrophenol-d4 (S)  
14.695min (+0.029) 6.66ng/ul

response 50814

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 81.80 | 85.92 |
| 41.00  | 40.00 | 42.88 |
| 42.00  | 25.70 | 27.96 |

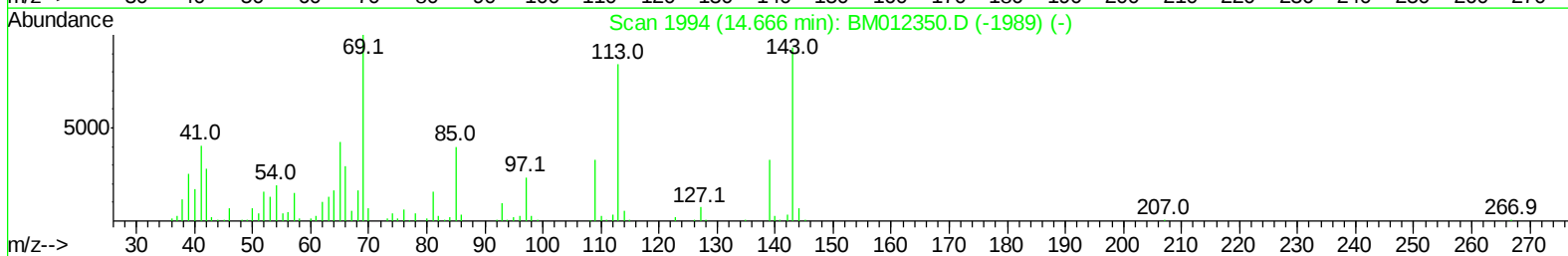
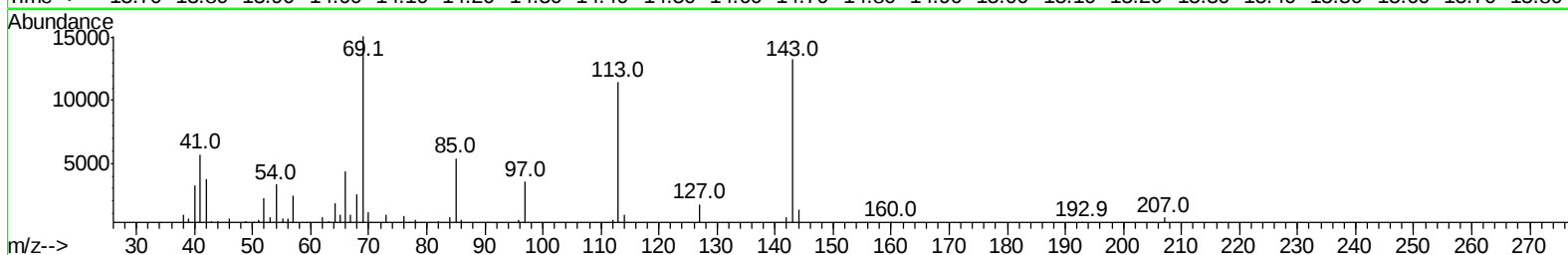
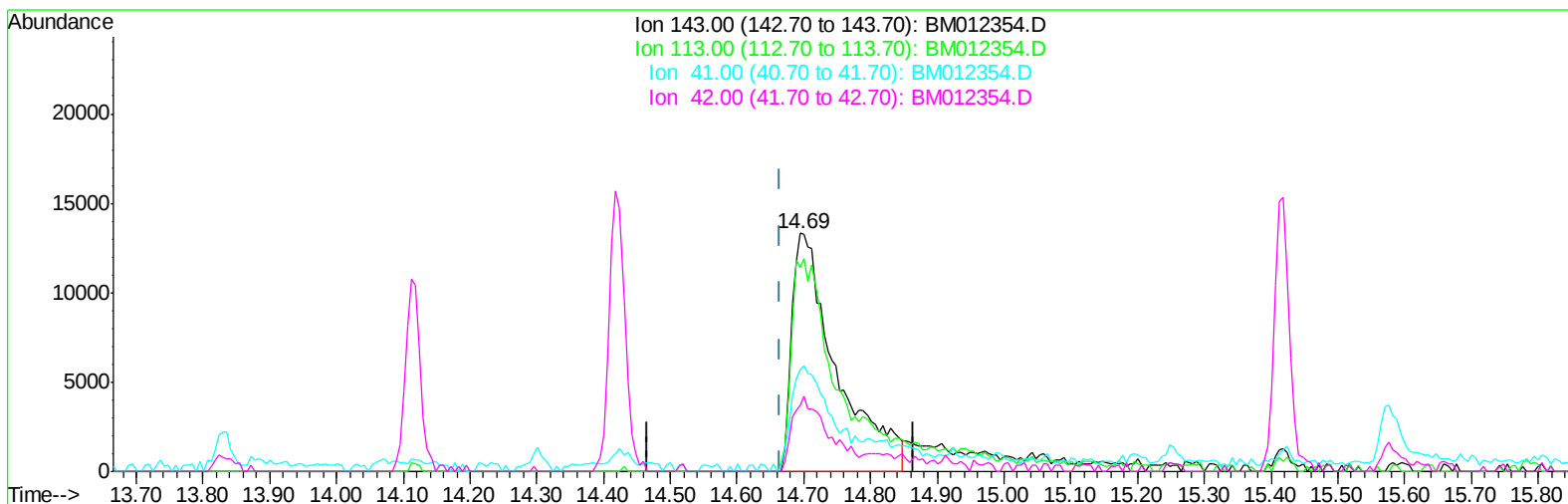
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TIC: BM012354.D

(51) 4-Nitrophenol-d4 (S)

14.695min (+0.029) 8.06ng/ul m

response 61498

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 81.80 | 85.92 |
| 41.00  | 40.00 | 42.88 |
| 42.00  | 25.70 | 27.96 |

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Manual Integrations  
 APPROVED

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Quant Time: Oct 23 06:00:40 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 23 05:01:01 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.77  | 152  | 201715   | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.57 | 136  | 898392   | 20.00  | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.42 | 164  | 573898   | 20.00  | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.17 | 188  | 1342478  | 20.00  | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.36 | 240  | 1402595  | 20.00  | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.65 | 264  | 1125822  | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8              | 3.20  | 96   | 12073    | 2.84   | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.95  | 99   | 226525   | 13.84  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67   | 162877   | 16.59  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.30  | 132  | 215128   | 15.50  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.50  | 113  | 138734   | 9.85   | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.94  | 128  | 107883   | 15.74  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.67  | 143  | 131293   | 16.39  | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.21 | 165  | 215711   | 14.10  | ng/ul  | 0.01     |
| 29) 4-Chloroaniline-d4         | 10.72 | 131  | 248555   | 17.36  | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 13.83 | 166  | 903392   | 17.81  | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.11 | 160  | 1047290  | 17.06  | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.69 | 143  | 61498m   | 8.06   | ng/ul  | 0.03     |
| 57) Fluorene-d10               | 15.42 | 176  | 757283   | 18.19  | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.58 | 200  | 83872    | 9.10   | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.27 | 188  | 1129770  | 17.02  | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.57 | 212  | 1342056  | 18.85  | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.50 | 264  | 936353   | 17.25  | ng/ul  | 0.00     |
| Target Compounds               |       |      |          | Ovalue |        |          |
| 6) Phenol                      | 6.98  | 94   | 44158    | 2.610  | ng/ul# | 89       |
| 44) Dimethylphthalate          | 13.88 | 163  | 294316   | 5.792  | ng/ul  | 100      |
| 69) Phenanthrene               | 17.21 | 178  | 121500   | 1.591  | ng/ul  | 99       |
| 74) Fluoranthene               | 19.24 | 202  | 281134   | 3.050  | ng/ul# | 97       |
| 77) Pyrene                     | 19.59 | 202  | 261126   | 2.819  | ng/ul  | 96       |
| 80) Benzo(a)anthracene         | 21.34 | 228  | 147941   | 1.621  | ng/ul  | 97       |
| 82) Chrysene                   | 21.39 | 228  | 149350   | 1.743  | ng/ul  | 97       |
| 85) Benzo(b)fluoranthene       | 22.96 | 252  | 156555   | 2.131  | ng/ul# | 94       |
| 88) Benzo(a)pyrene             | 23.55 | 252  | 98632    | 1.424  | ng/ul# | 89       |

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

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