

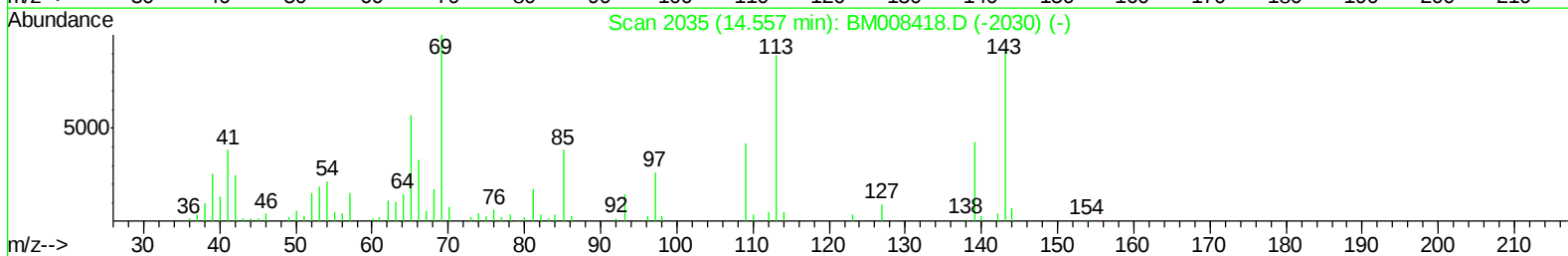
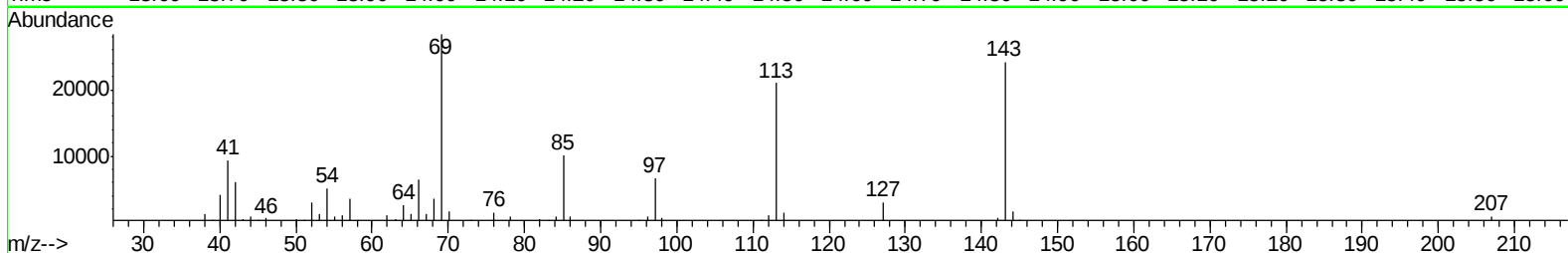
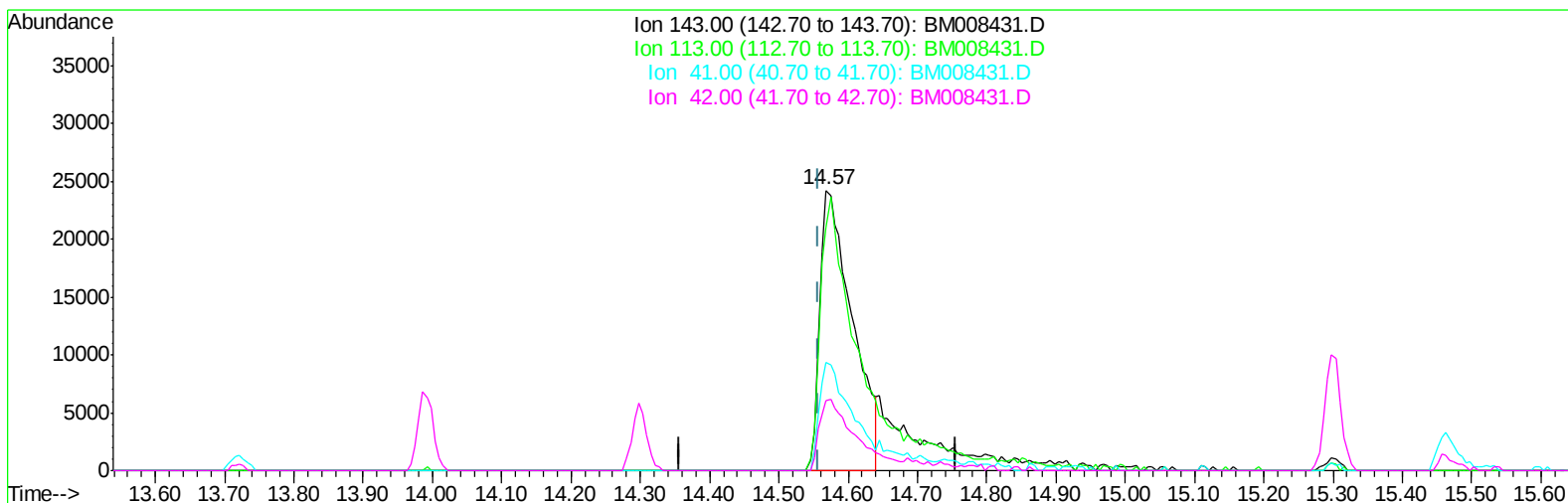
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121816\  
Data File : BM008431.D  
Acq On : 18 Dec 2016 02:51  
Operator : UM/SJ  
Sample : PB95321BL  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK21

Quant Time: Dec 18 04:21:36 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Dec 18 04:15:46 2016  
Response via : Initial Calibration

Manual Integrations  
APPROVED

umangi  
12/20/2016 10:53:02 AM



TIC: BM008431.D

(51) 4-Nitrophenol-d4 (S)

14.568min (+0.011) 28.37ng/ul

response 78695

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 143.00 | 100    | 100   |
| 113.00 | 101.20 | 86.88 |
| 41.00  | 39.40  | 38.77 |
| 42.00  | 27.40  | 24.89 |

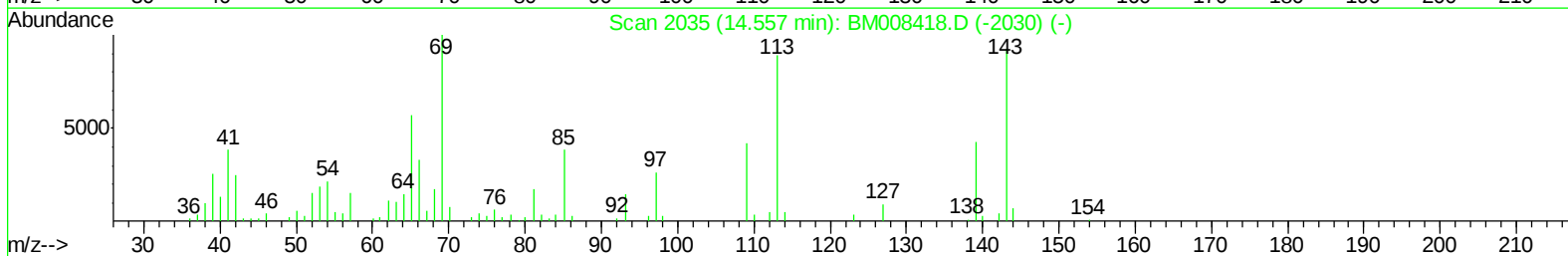
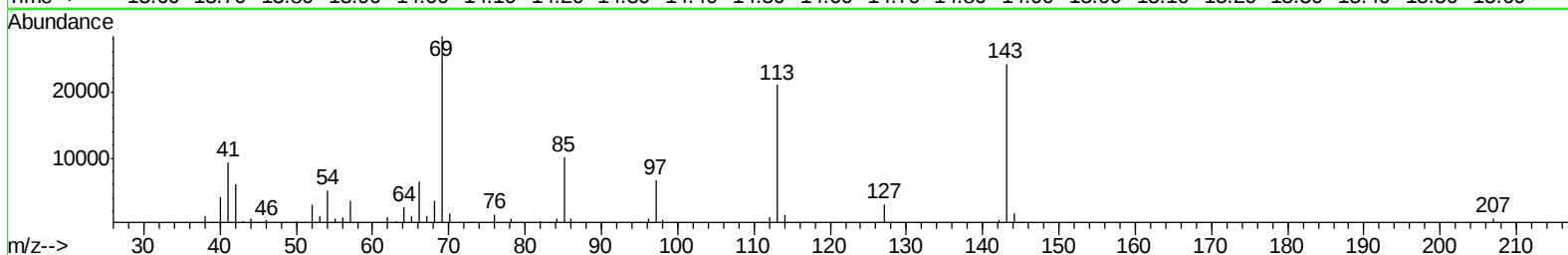
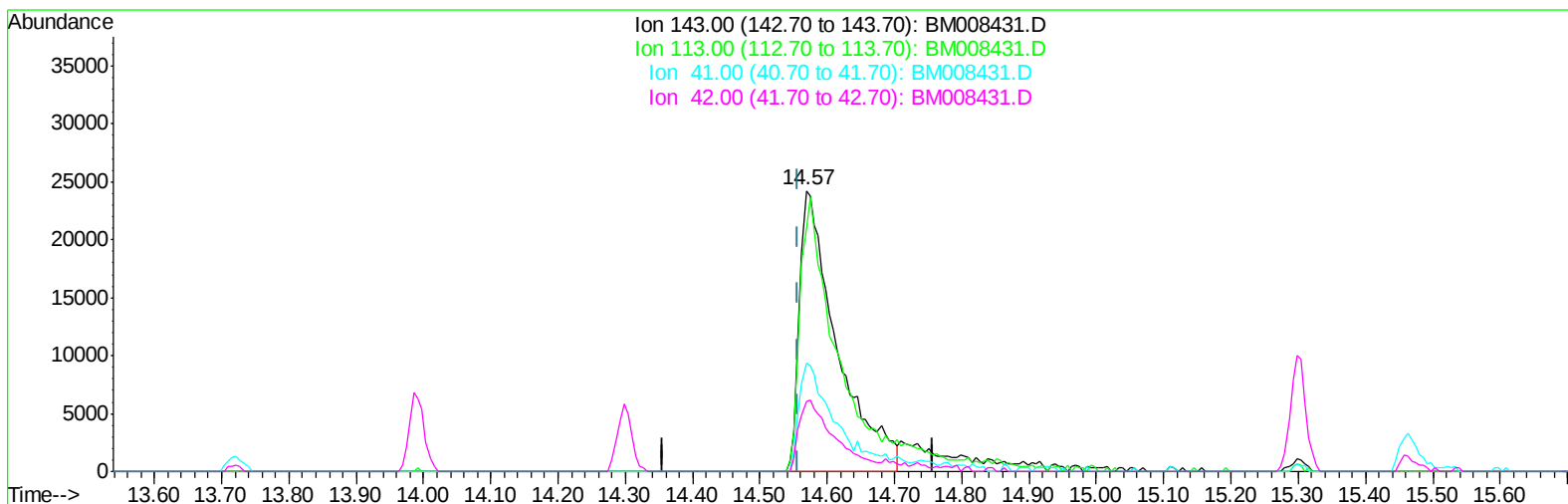
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APPROVED

umangi  
12/20/2016 10:53:02 AM



TIC: BM008431.D

(51) 4-Nitrophenol-d4 (S)

14.568min (+0.011) 33.59ng/ul m

response 93175

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 143.00 | 100    | 100   |
| 113.00 | 101.20 | 86.88 |
| 41.00  | 39.40  | 38.77 |
| 42.00  | 27.40  | 24.89 |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121816\  
 Data File : BM008431.D  
 Acq On : 18 Dec 2016 02:51  
 Operator : UM/SJ  
 Sample : PB95321BL  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK21

Manual Integrations  
 APPROVED

umangi  
 12/20/2016 10:53:02 AM

Quant Time: Dec 19 01:12:38 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Dec 18 04:15:46 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 108317   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 428395   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 283272   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 574303   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 720830   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.49 | 264  | 738841   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 20314   | 8.82  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 328466  | 39.09 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 190968  | 39.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 259396  | 41.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 258805  | 39.76 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 126022  | 40.71 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 141059  | 41.12 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 236216  | 37.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 314902  | 43.69 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 819269  | 43.51 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.99 | 160 | 951595  | 42.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.57 | 143 | 93175m  | 33.59 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.30 | 176 | 699282  | 42.72 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 102357  | 29.94 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 1146519 | 45.82 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 1344319 | 48.29 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 1432051 | 46.16 | ng/ul | 0.00 |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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

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Manual Integrations  
APPROVED

umangi  
12/20/2016 10:53:02 AM

Quant Time: Dec 19 01:12:38 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Dec 18 04:15:46 2016  
Response via : Initial Calibration

