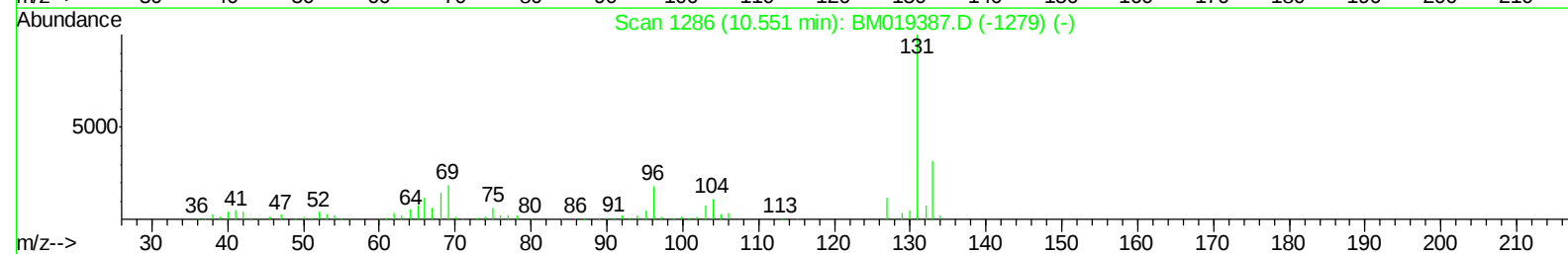
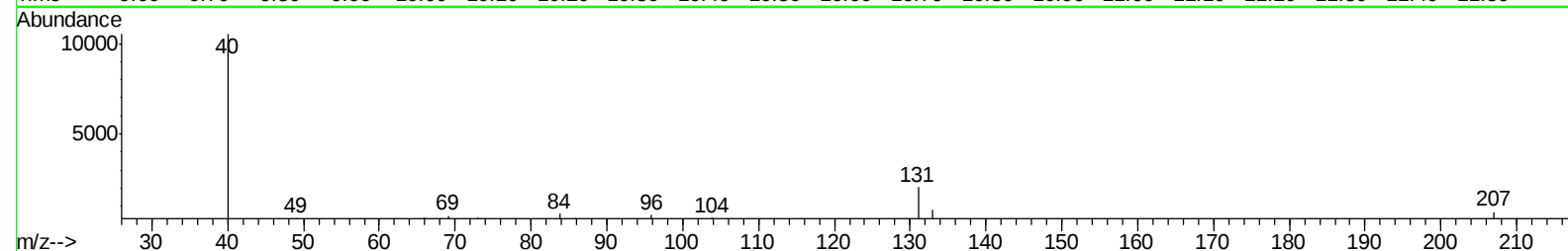
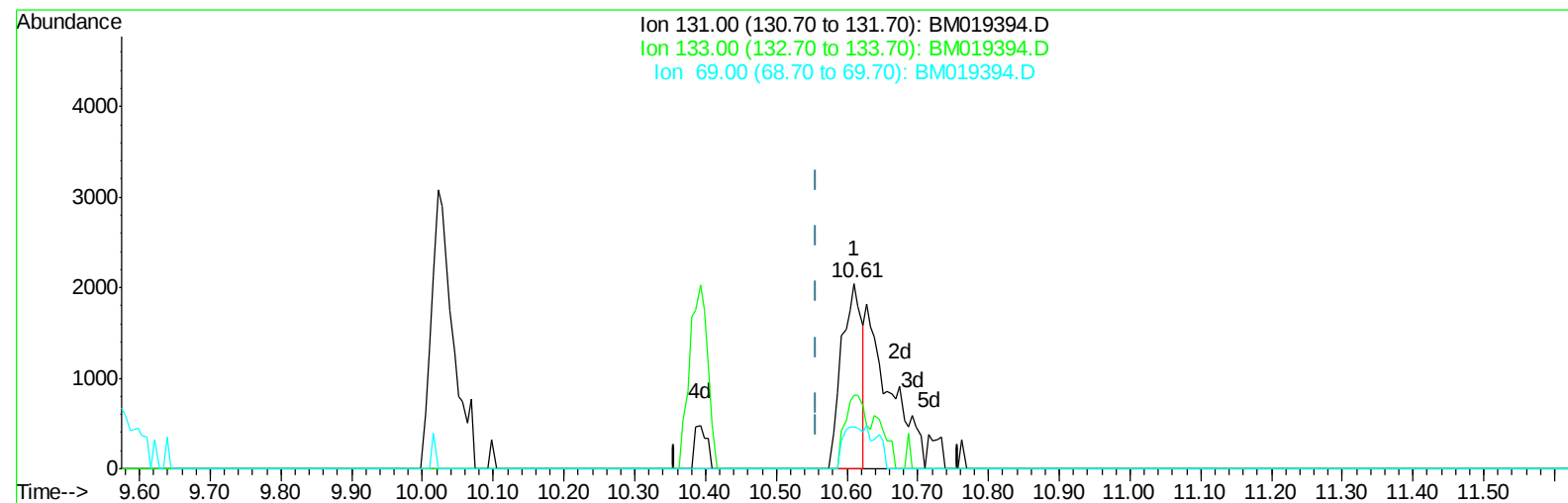


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032419\  
Data File : BM019394.D  
Acq On : 24 Mar 2019 16:25  
Operator : JU/SJ  
Sample : K2027-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 25 03:03:45 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Mar 25 02:03:45 2019  
Response via : Initial Calibration



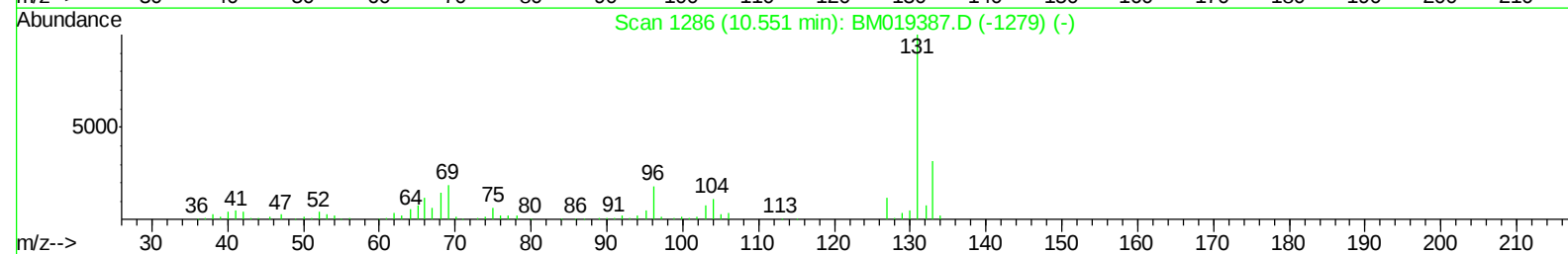
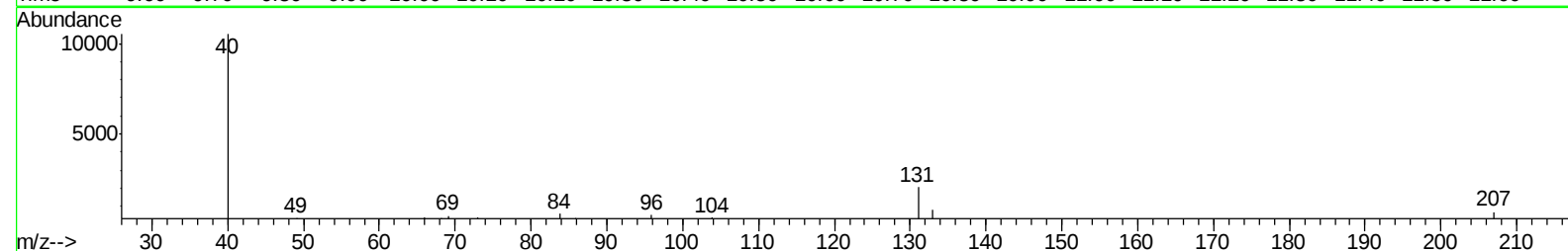
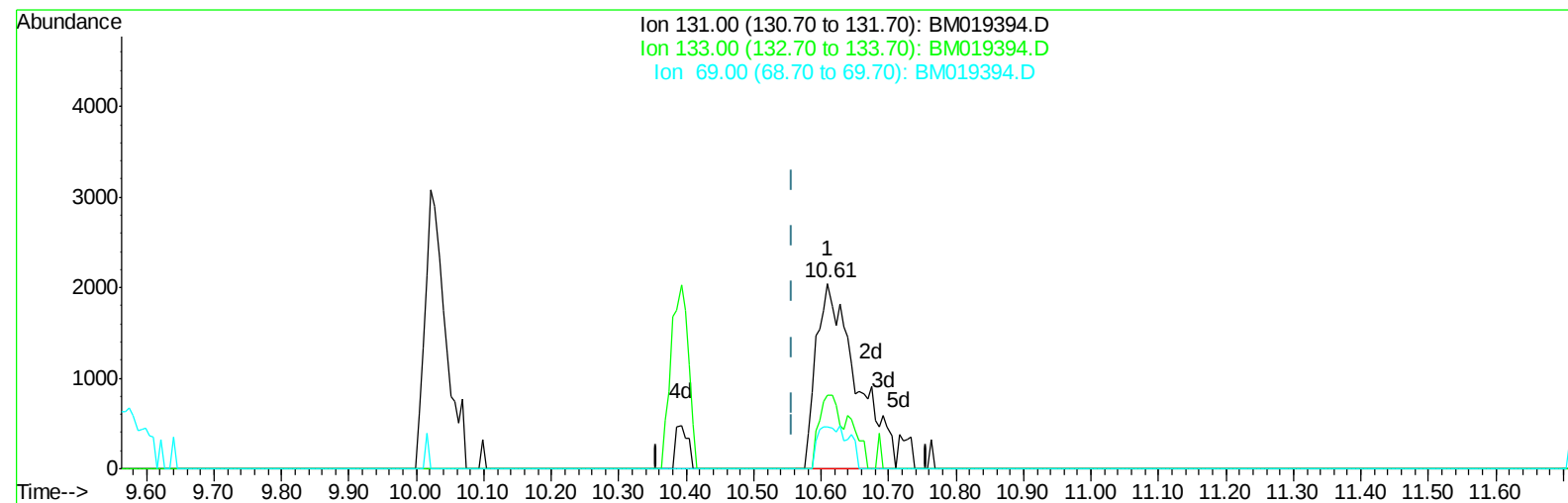
TIC: BM019394.D

(29) 4-Chloroaniline-d4 (S)  
10.610min (+0.053) 0.46ng/ul  
response 4030

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 33.90 | 40.05  |
| 69.00  | 18.60 | 22.89# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032419\  
Data File : BM019394.D  
Acq On : 24 Mar 2019 16:25  
Operator : JU/SJ  
Sample : K2027-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 25 03:03:45 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Mar 25 02:03:45 2019  
Response via : Initial Calibration



TIC: BM019394.D

(29) 4-Chloroaniline-d4 (S)

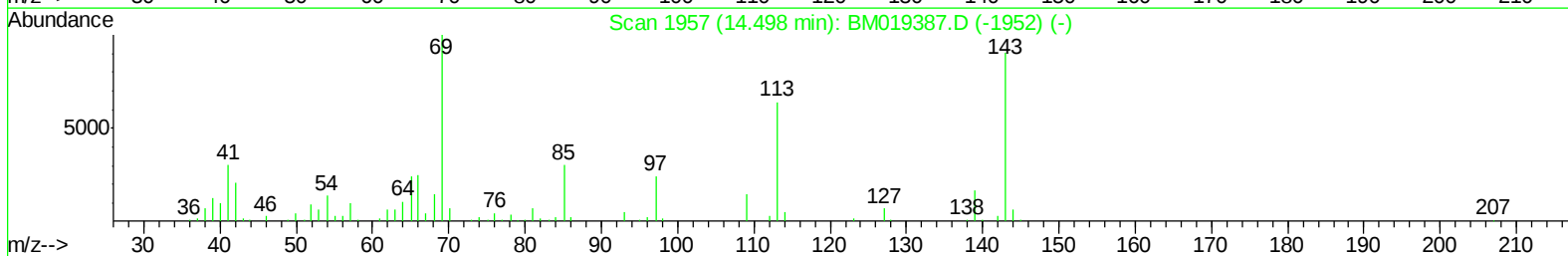
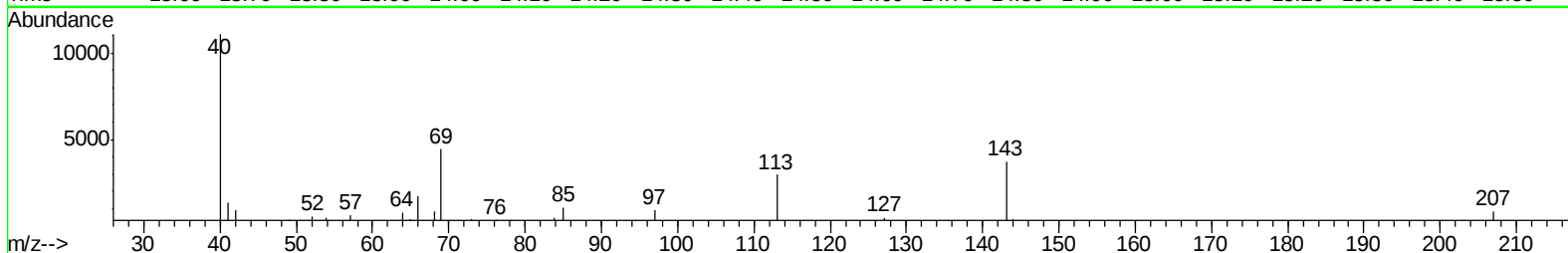
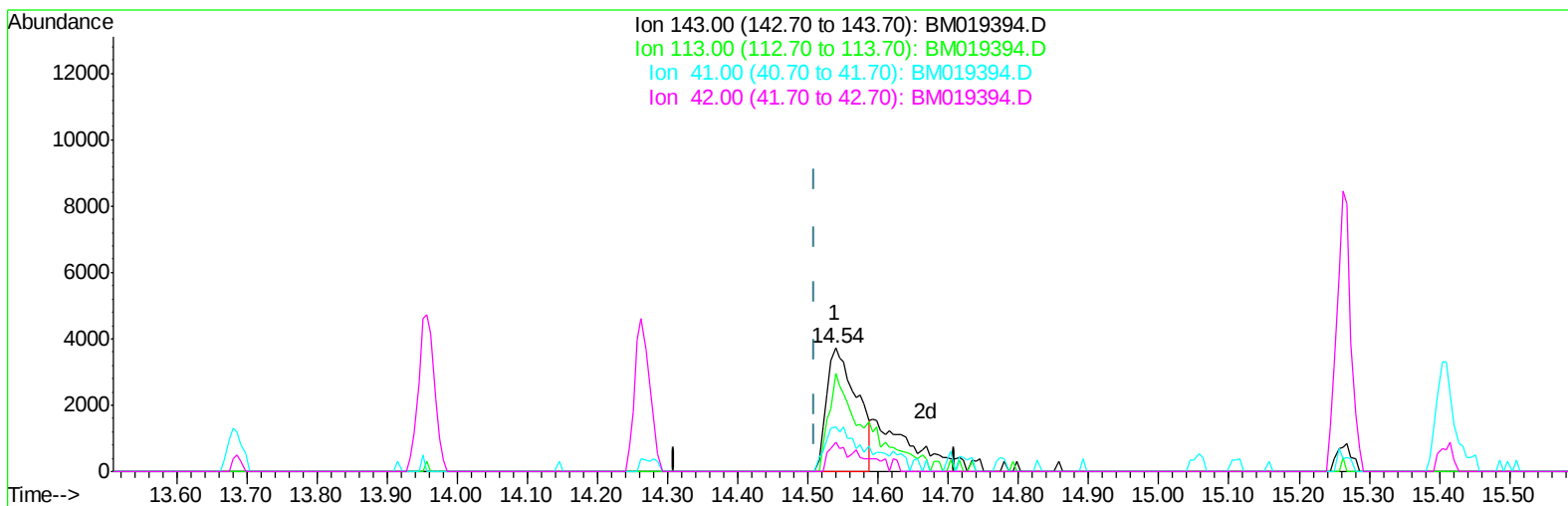
10.610min (+0.053) 0.97ng/ul m

response 8468

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 33.90 | 40.05  |
| 69.00  | 18.60 | 22.89# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032419\  
Data File : BM019394.D  
Acq On : 24 Mar 2019 16:25  
Operator : JU/SJ  
Sample : K2027-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 25 03:03:45 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Mar 25 02:03:45 2019  
Response via : Initial Calibration



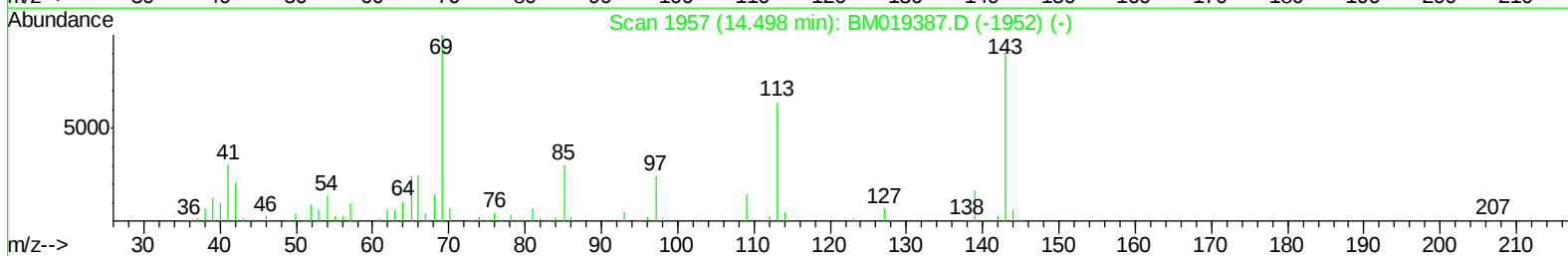
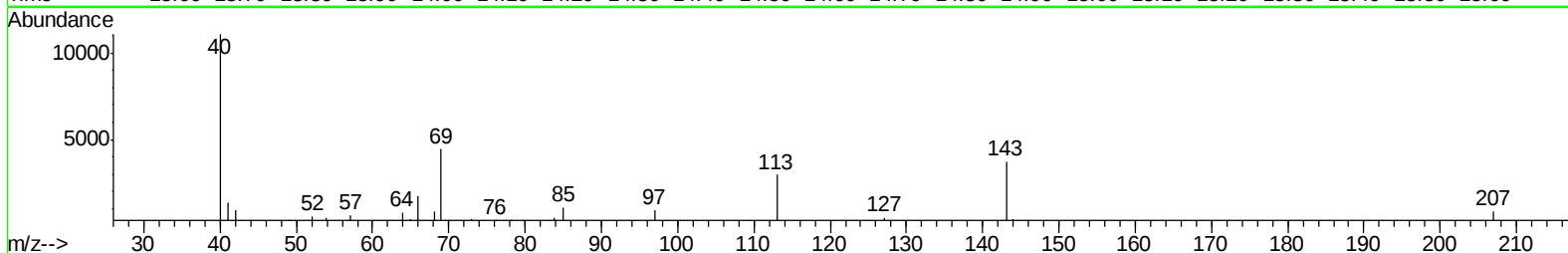
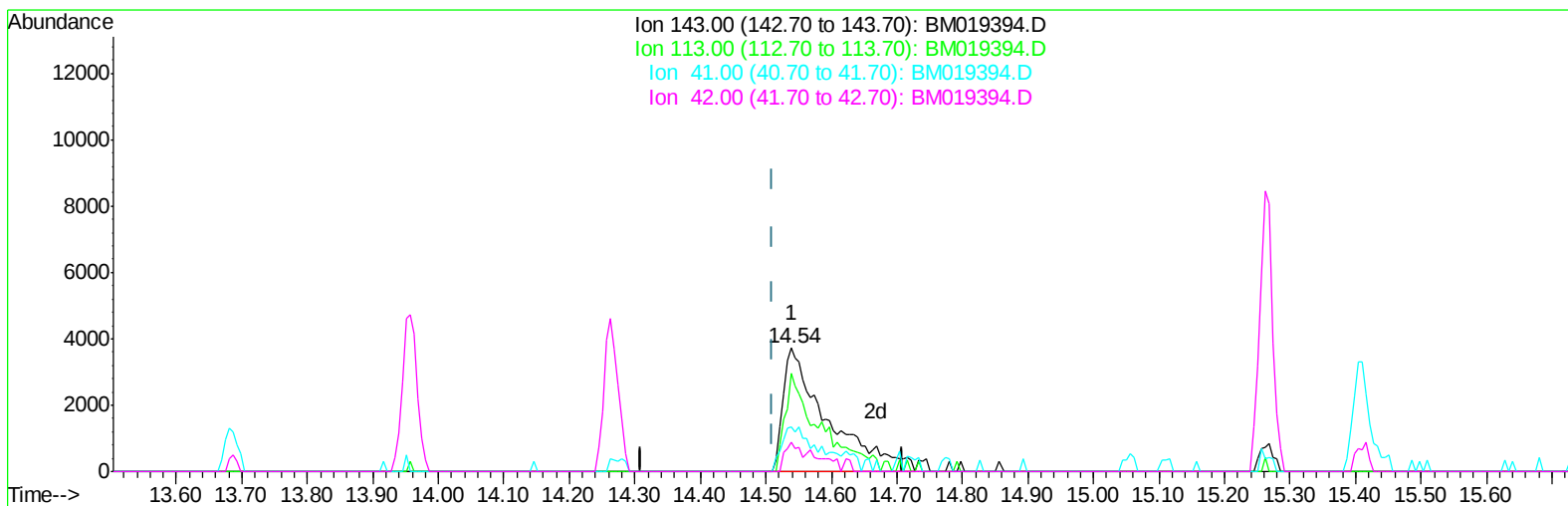
TIC: BM019394.D

(52) 4-Nitrophenol-d4 (S)  
14.539min (+0.029) 3.01ng/ul  
response 10990

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 77.10 | 79.72 |
| 41.00  | 32.60 | 35.89 |
| 42.00  | 22.30 | 23.56 |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032419\  
Data File : BM019394.D  
Acq On : 24 Mar 2019 16:25  
Operator : JU/SJ  
Sample : K2027-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 25 03:03:45 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Mar 25 02:03:45 2019  
Response via : Initial Calibration



TIC: BM019394.D

(52) 4-Nitrophenol-d4 (S)

14.539min (+0.029) 4.81ng/ul m

response 17549

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 77.10 | 79.72 |
| 41.00  | 32.60 | 35.89 |
| 42.00  | 22.30 | 23.56 |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032419\  
 Data File : BM019394.D  
 Acq On : 24 Mar 2019 16:25  
 Operator : JU/SJ  
 Sample : K2027-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 25 03:32:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 25 02:03:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 116718   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 486274   | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.26 | 164  | 288657   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.02 | 188  | 656696   | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.23 | 240  | 708975   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.44 | 264  | 780195   | 20.00 | ng/ul | -0.02    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96   | 14093    | 4.73  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.79  | 99   | 69115    | 6.65  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67   | 182281   | 26.20 | ng/ul | -0.01    |
| 9) 2-Chlorophenol-d4           | 7.14  | 132  | 196028   | 24.88 | ng/ul | -0.01    |
| 13) 4-Methylphenol-d8          | 8.32  | 113  | 125012   | 16.02 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.77  | 128  | 103944   | 29.97 | ng/ul | -0.01    |
| 22) 2-Nitrophenol-d4           | 9.49  | 143  | 121064   | 31.36 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165  | 201525   | 27.67 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.61 | 131  | 8468m    | 0.97  | ng/ul | 0.05     |
| 44) Dimethylphthalate-d6       | 13.69 | 166  | 745906   | 32.03 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.96 | 160  | 918543   | 31.54 | ng/ul | -0.01    |
| 52) 4-Nitrophenol-d4           | 14.54 | 143  | 17549m   | 4.81  | ng/ul | 0.03     |
| 58) Fluorene-d10               | 15.26 | 176  | 661698   | 32.97 | ng/ul | -0.01    |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200  | 77771    | 17.91 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.12 | 188  | 1056527  | 33.53 | ng/ul | -0.01    |
| 79) Pyrene-d10                 | 19.43 | 212  | 1149733  | 35.11 | ng/ul | -0.01    |
| 90) Benzo(a)pyrene-d12         | 23.30 | 264  | 1344068  | 32.50 | ng/ul | -0.02    |

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

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

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