

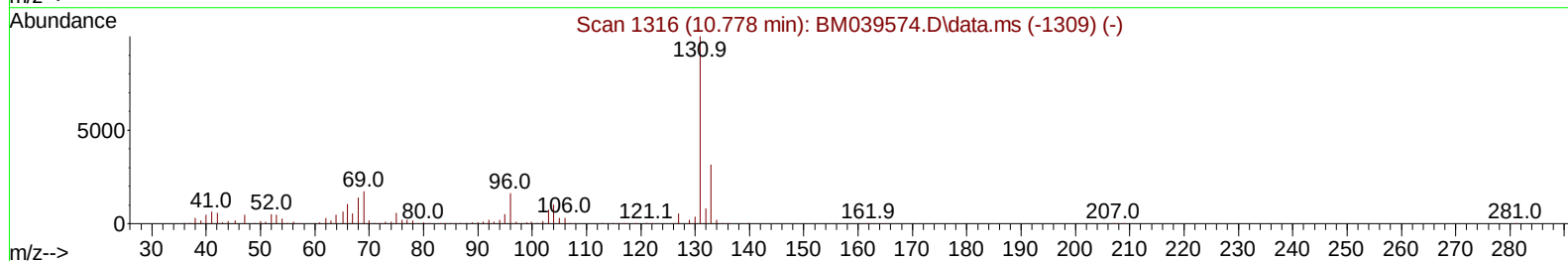
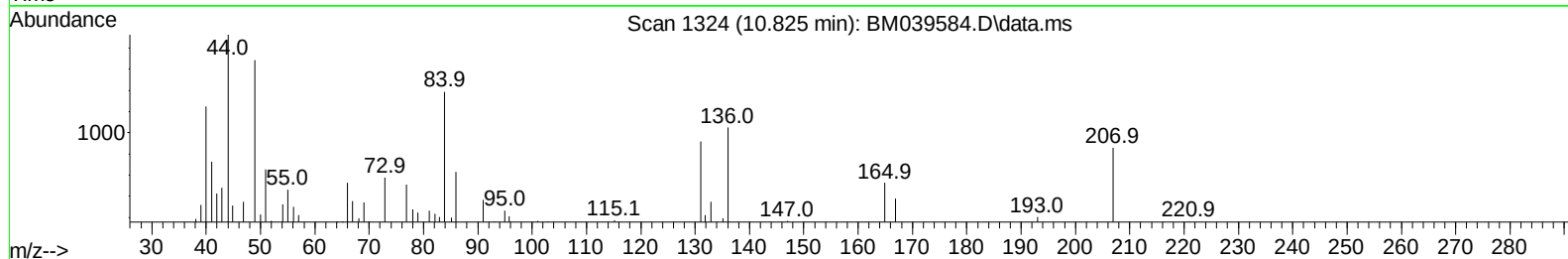
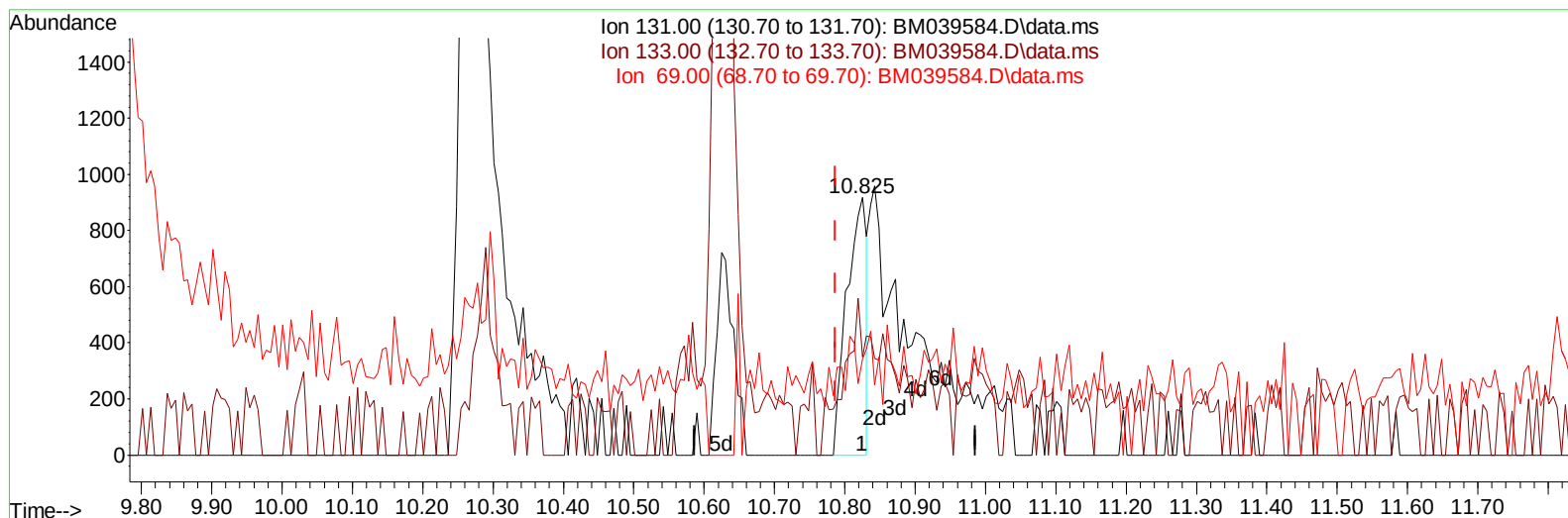
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042223\  
Data File : BM039584.D  
Acq On : 22 Apr 2023 19:54  
Operator : CG/JU  
Sample : 02440-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
COMQ3

Manual IntegrationsAPPROVED

Quant Time: Apr 22 23:35:06 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Apr 19 08:18:41 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/24/2023  
Supervised By :Jagrut Upadhyay 04/24/2023



TIC: BM039584.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.825min (+ 0.038) 0.10 ng/ul**

**response 1785**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.20  | 38.13  |
| 69.00  | 18.10  | 37.36# |
| 0.00   | 0.00   | 0.00   |

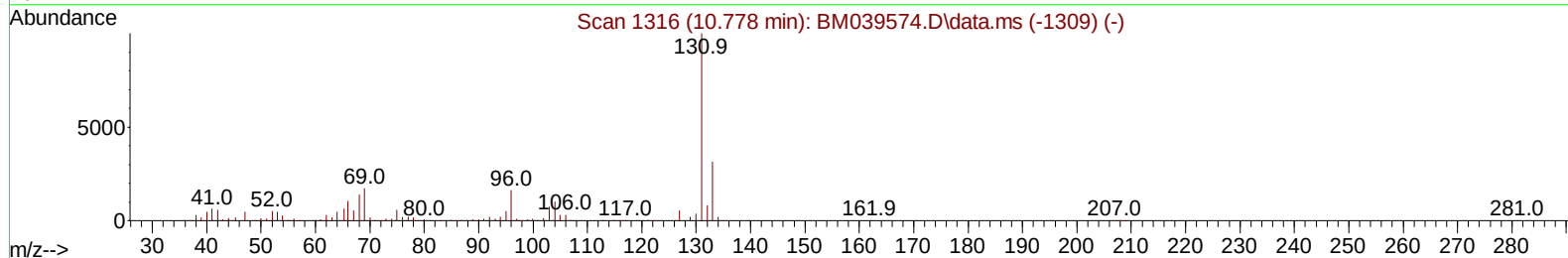
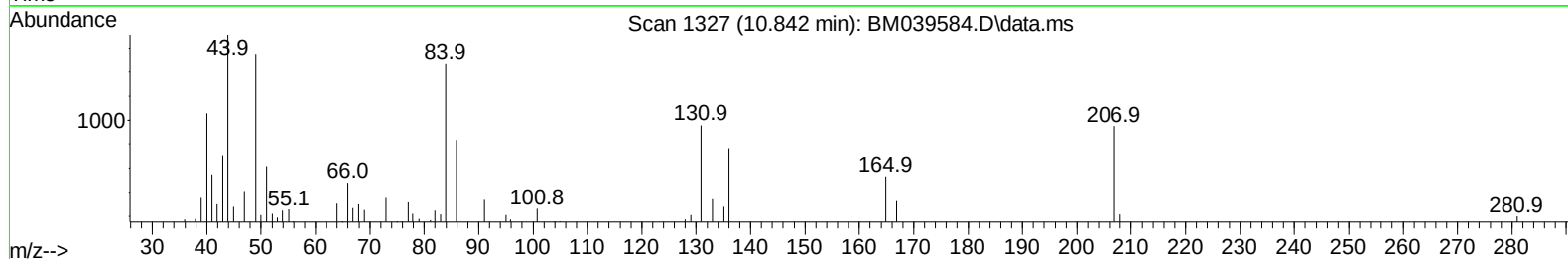
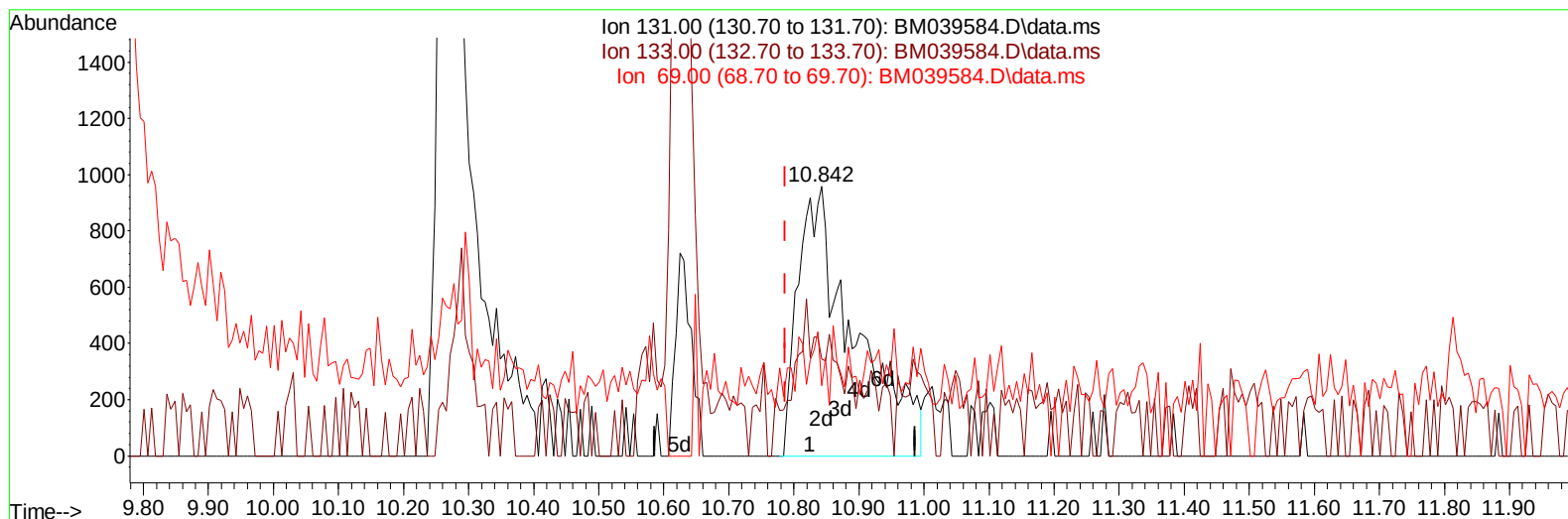
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**(31) 4-Chloroaniline-d4 (S)**

**10.842min (+ 0.056) 0.33 ng/ul m**

**response 5764**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.20  | 35.91  |
| 69.00  | 18.10  | 26.10# |
| 0.00   | 0.00   | 0.00   |

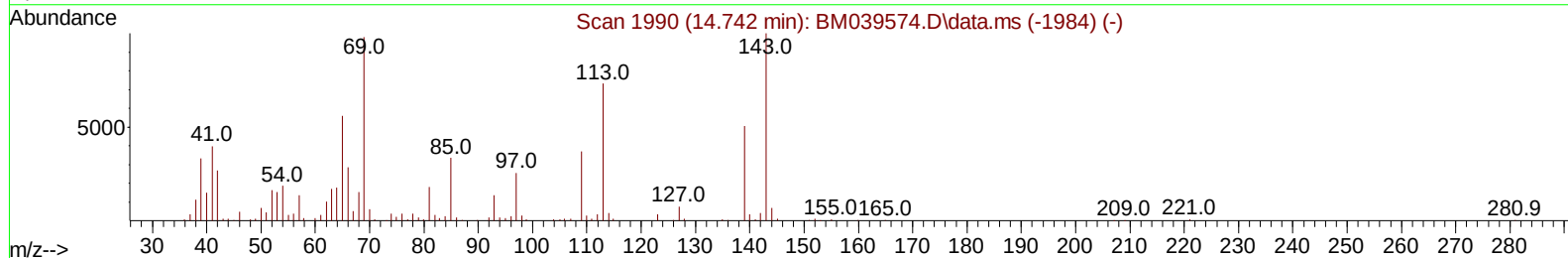
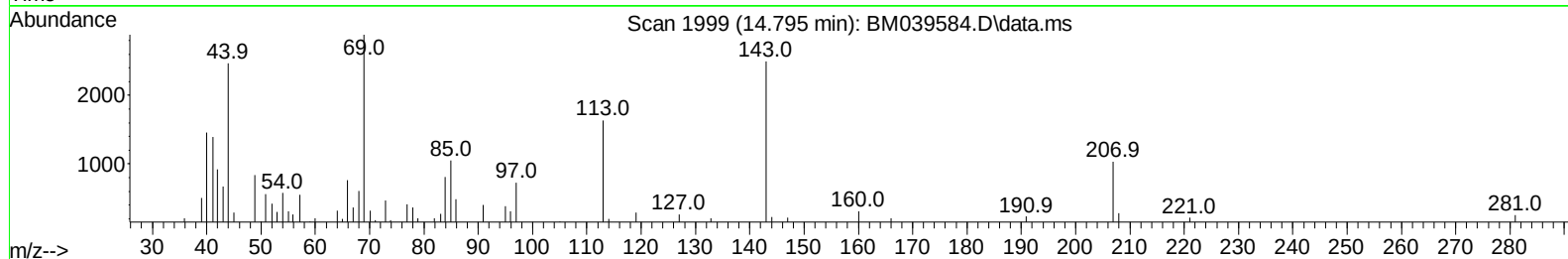
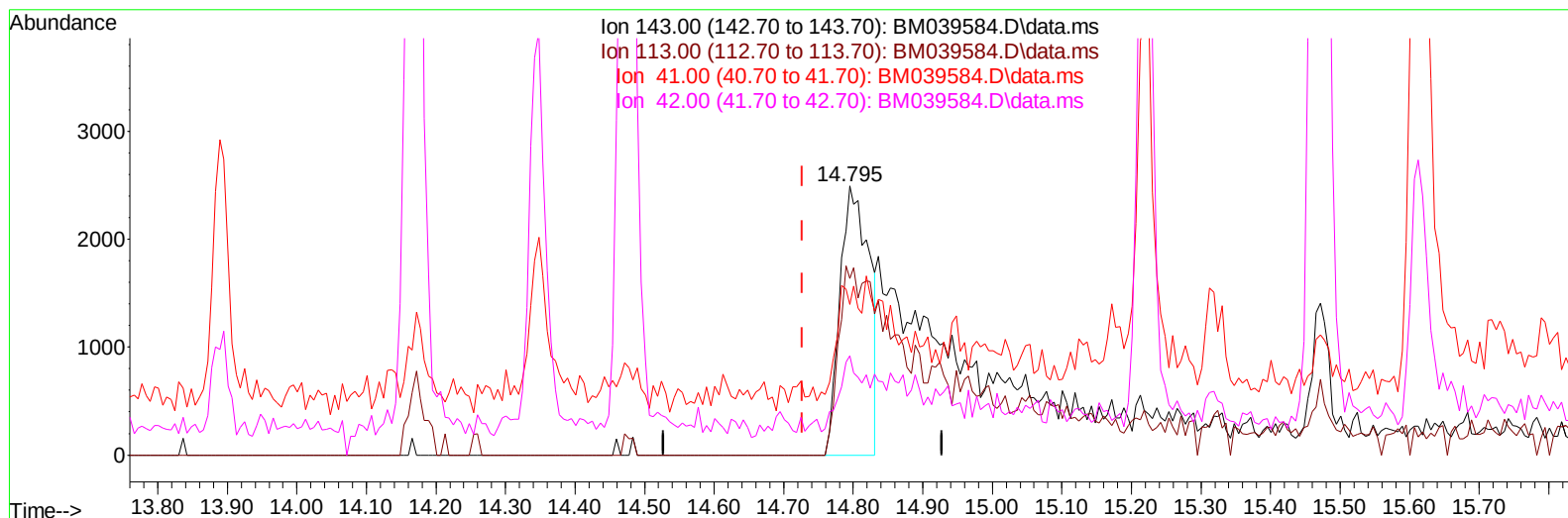
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042223\  
Data File : BM039584.D  
Acq On : 22 Apr 2023 19:54  
Operator : CG/JU  
Sample : 02440-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
COMQ3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 00:06:34 2023  
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**(54) 4-Nitrophenol-d4 (S)**

**14.795min (+ 0.068) 1.37 ng/ul**

**response 7275**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 75.20  | 65.60  |
| 41.00  | 39.90  | 55.96# |
| 42.00  | 26.60  | 36.85# |

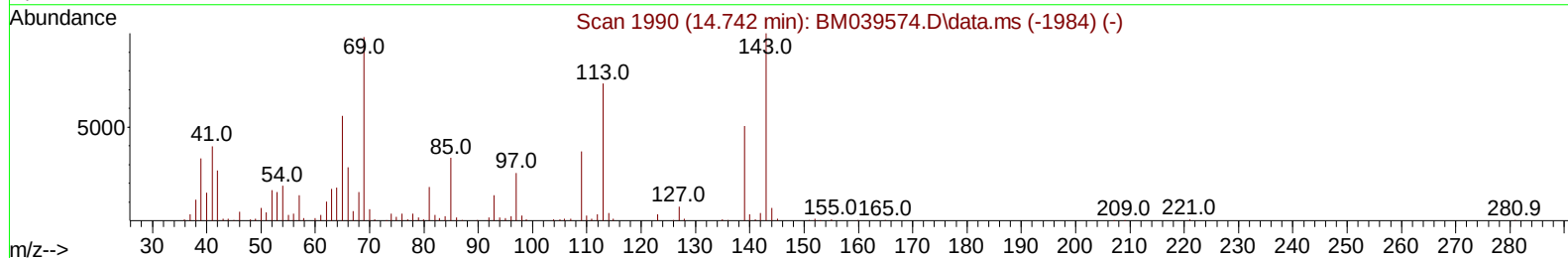
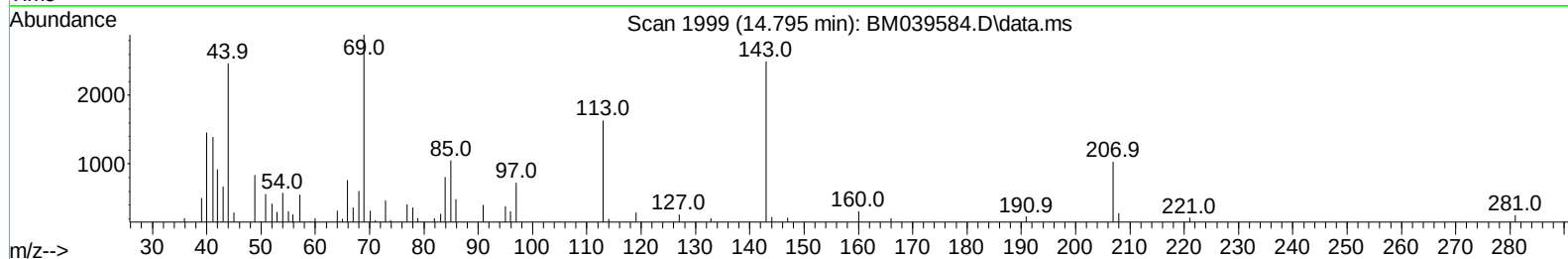
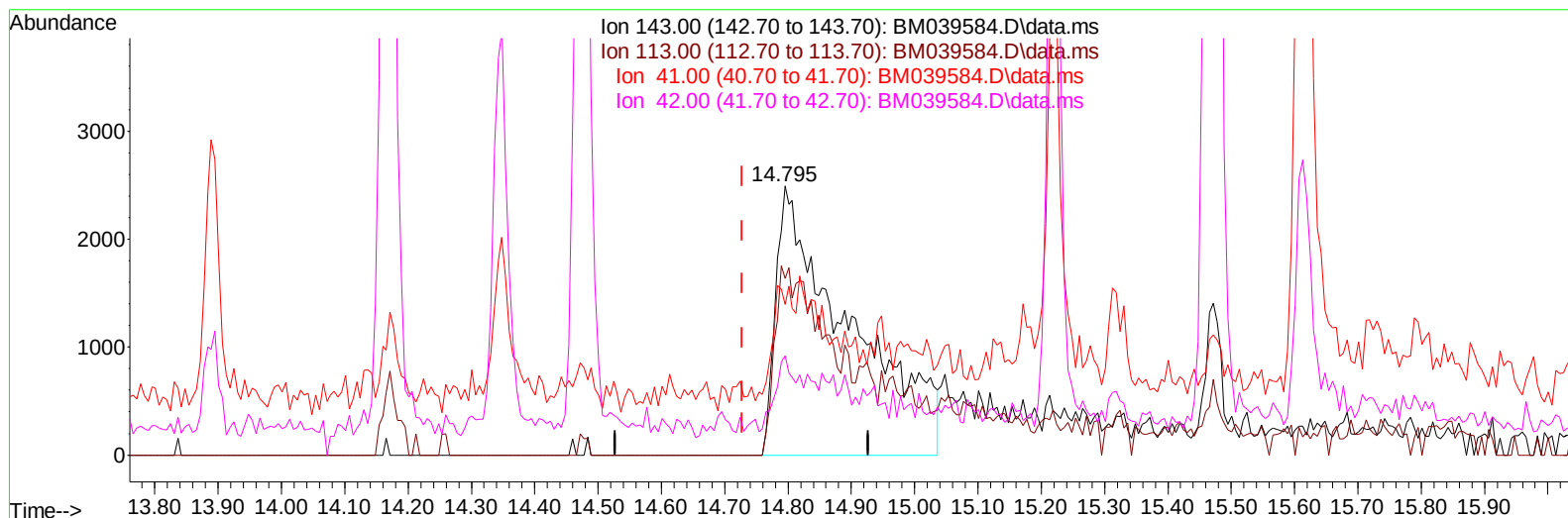
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042223\  
Data File : BM039584.D  
Acq On : 22 Apr 2023 19:54  
Operator : CG/JU  
Sample : 02440-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
COMQ3

Manual IntegrationsAPPROVED

Quant Time: Apr 23 00:06:34 2023  
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TIC: BM039584.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.795min (+ 0.068) 3.74 ng/ul m**

**response 19915**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 75.20  | 65.60  |
| 41.00  | 39.90  | 55.96# |
| 42.00  | 26.60  | 36.85# |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042223\  
 Data File : BM039584.D  
 Acq On : 22 Apr 2023 19:54  
 Operator : CG/JU  
 Sample : 02440-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMQ3

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/24/2023  
 Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 23 00:07:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 19 08:18:41 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.819  | 152  | 185270   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.625 | 136  | 757484   | 20.000 | ng/ul | -0.01    |
| 38) Acenaphthene-d10          | 14.477 | 164  | 436473   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.230 | 188  | 843688   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.424 | 240  | 720072   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.789 | 264  | 791647   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.208  | 96   | 22586    | 4.679  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul |          |
| 7) Phenol-d5                  | 7.013  | 99   | 90582    | 5.342  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.149  | 67   | 315905   | 28.186 | ng/ul | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.354  | 132  | 311109   | 23.389 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.554  | 113  | 180046   | 13.181 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.990  | 128  | 190391   | 31.242 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.713  | 143  | 207002   | 30.250 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.266 | 165  | 300881   | 25.553 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.842 | 131  | 5764m    | 0.328  | ng/ul | 0.06     |
| 46) Dimethylphthalate-d6      | 13.889 | 166  | 1139894  | 32.382 | ng/ul | -0.01    |
| 49) Acenaphthylene-d8         | 14.172 | 160  | 1235978  | 31.255 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.795 | 143  | 19915m   | 3.738  | ng/ul | 0.07     |
| 60) Fluorene-d10              | 15.471 | 176  | 955680   | 33.137 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.613 | 200  | 139382   | 24.860 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.330 | 188  | 1473266  | 36.310 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.630 | 212  | 1728313  | 36.121 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.636 | 264  | 1586390  | 37.117 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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