

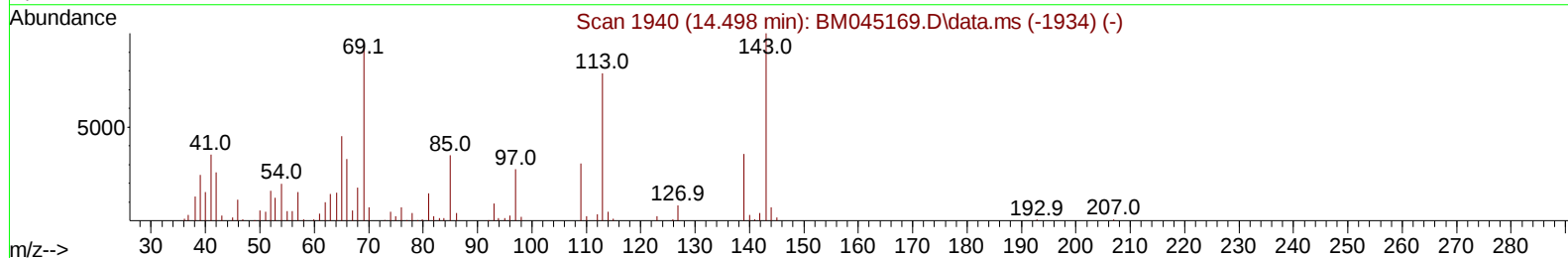
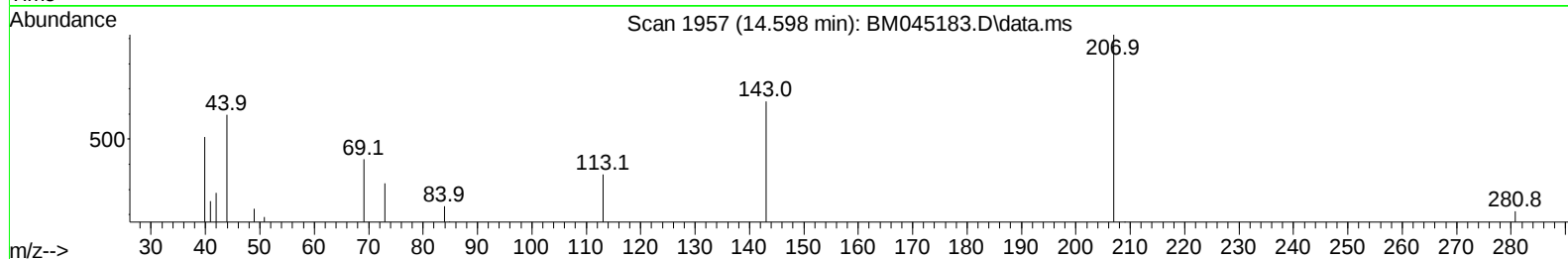
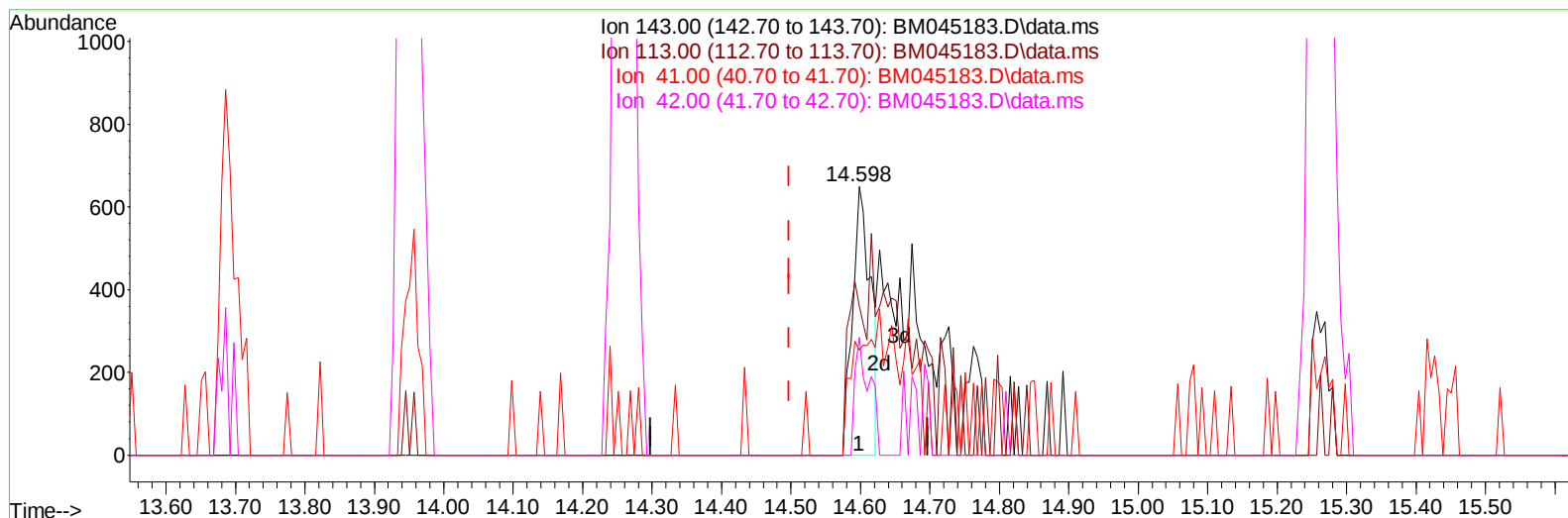
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041124\  
 Data File : BM045183.D  
 Acq On : 12 Apr 2024 22:27  
 Operator : MA/JU  
 Sample : P2010-01  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E0LZ9

Manual IntegrationsAPPROVED

Quant Time: Apr 12 22:57:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 11 18:54:49 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/16/2024  
 Supervised By :mohammad ahmed 04/16/2024



TIC: BM045183.D\data.ms

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

**14.598min (+ 0.100) 0.58 ng/u1**

**response 1186**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 78.80  | 55.23# |
| 41.00  | 36.50  | 39.08  |
| 42.00  | 23.30  | 43.85# |

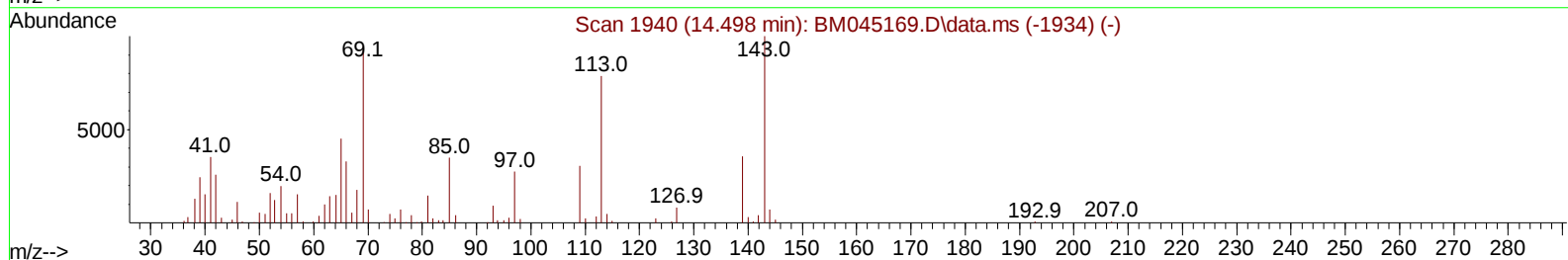
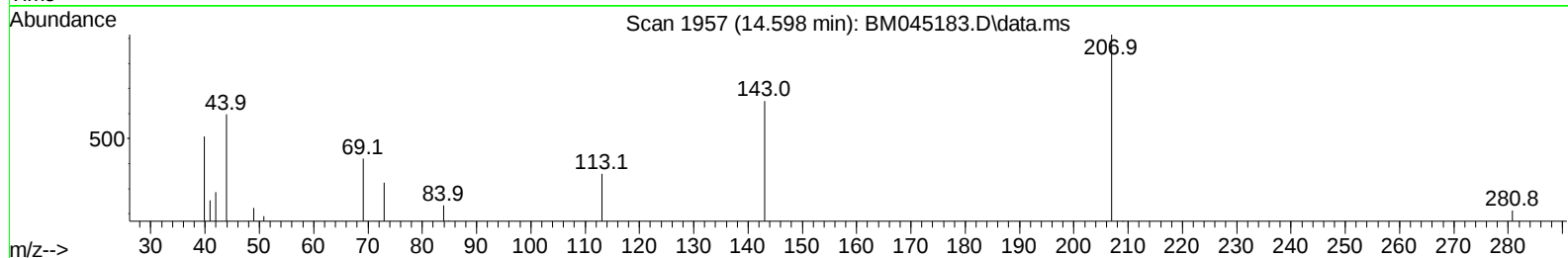
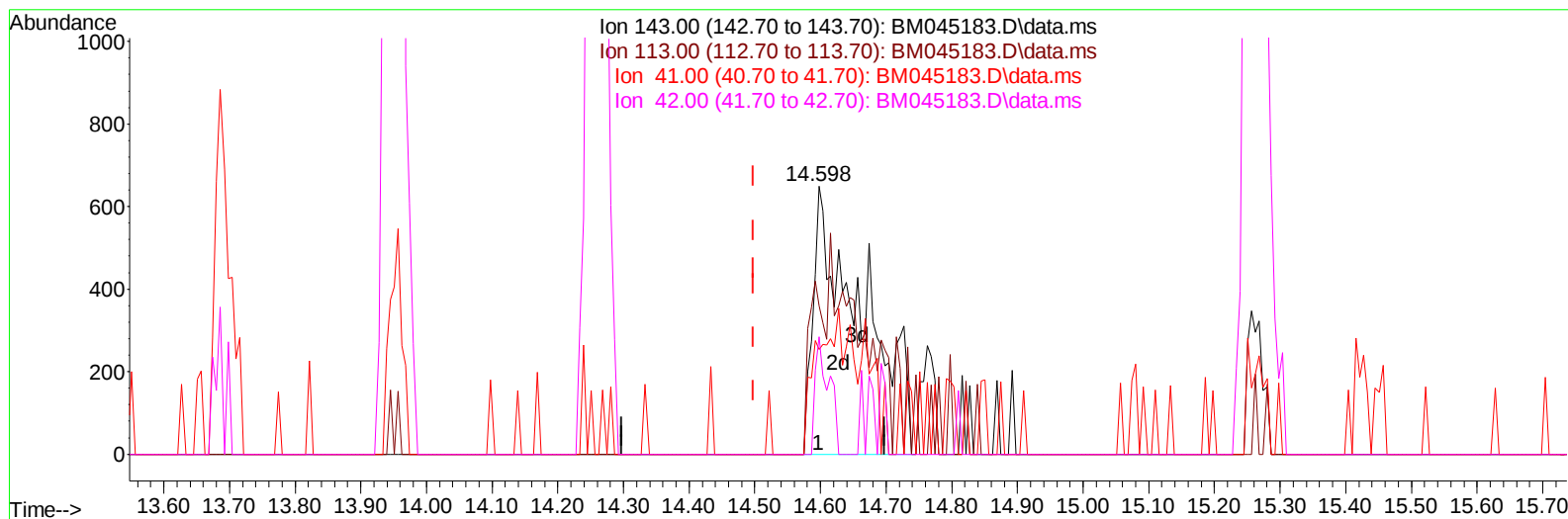
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Data File : BM045183.D  
Acq On : 12 Apr 2024 22:27  
Operator : MA/JU  
Sample : P2010-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E0LZ9

Manual IntegrationsAPPROVED

Quant Time: Apr 12 22:57:12 2024  
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Reviewed By :Yogesh Patel 04/16/2024  
Supervised By :mohammad ahmed 04/16/2024



TIC: BM045183.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.598min (+ 0.100) 1.61 ng/ul m

response 3301

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 78.80  | 55.23# |
| 41.00  | 36.50  | 39.08  |
| 42.00  | 23.30  | 43.85# |

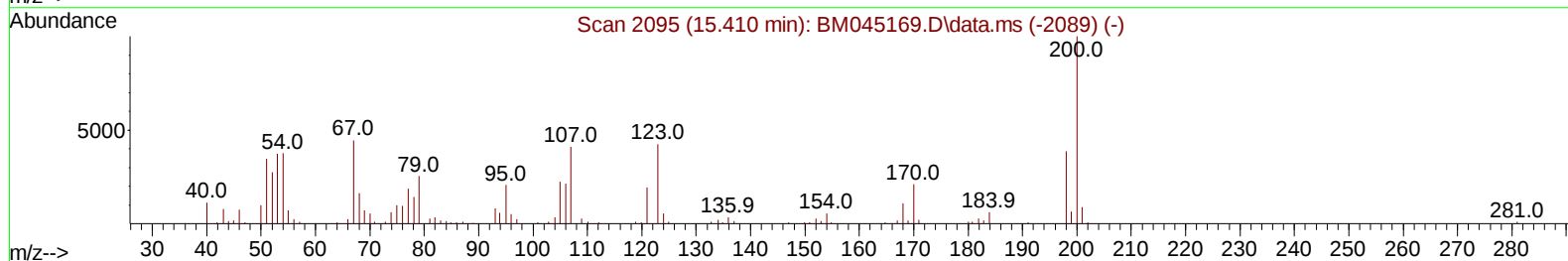
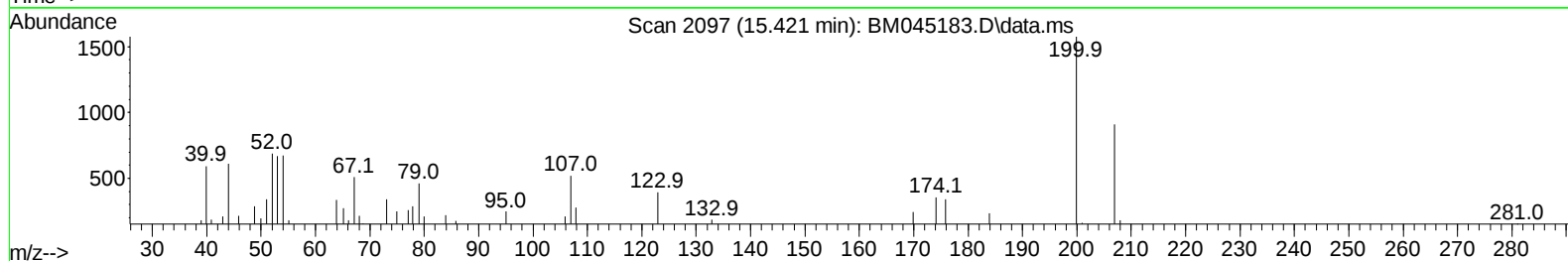
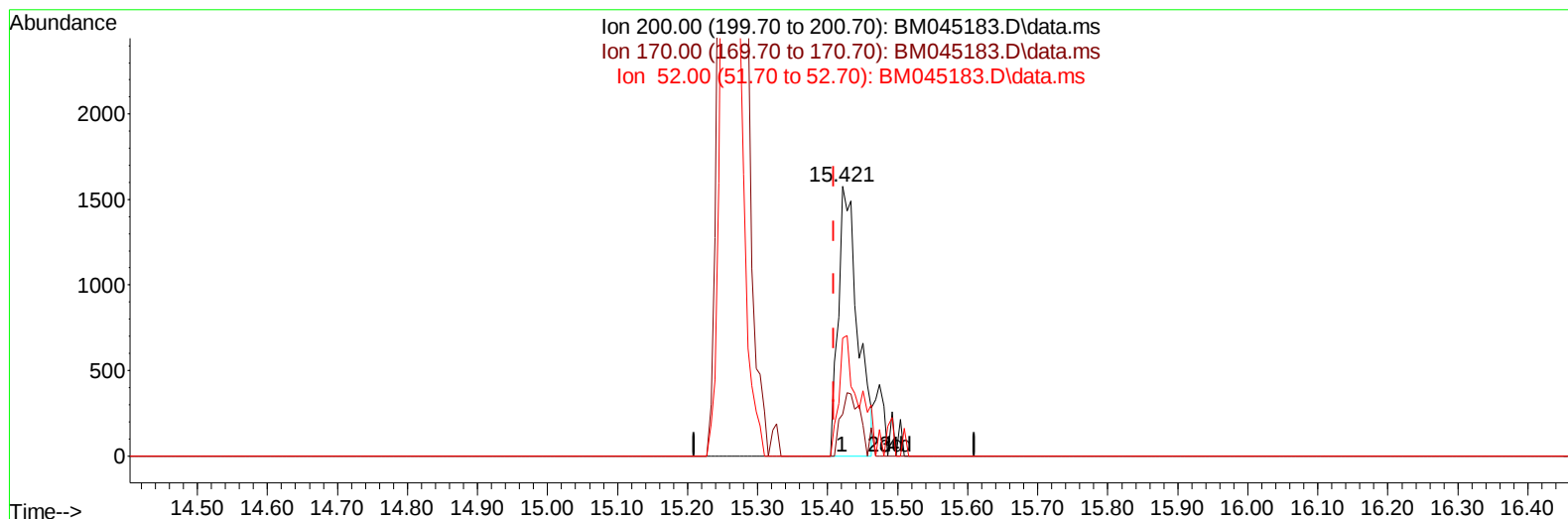
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041124\  
Data File : BM045183.D  
Acq On : 12 Apr 2024 22:27  
Operator : MA/JU  
Sample : P2010-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E0LZ9

Manual IntegrationsAPPROVED

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TIC: BM045183.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.421min (+ 0.012) 2.15 ng/ul

response 3059

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 18.30  | 15.48  |
| 52.00  | 40.20  | 43.78  |
| 0.00   | 0.00   | 0.00   |

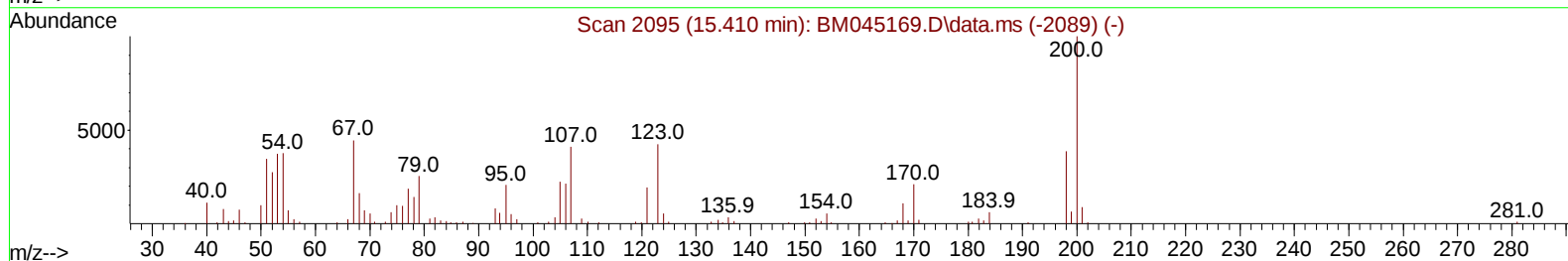
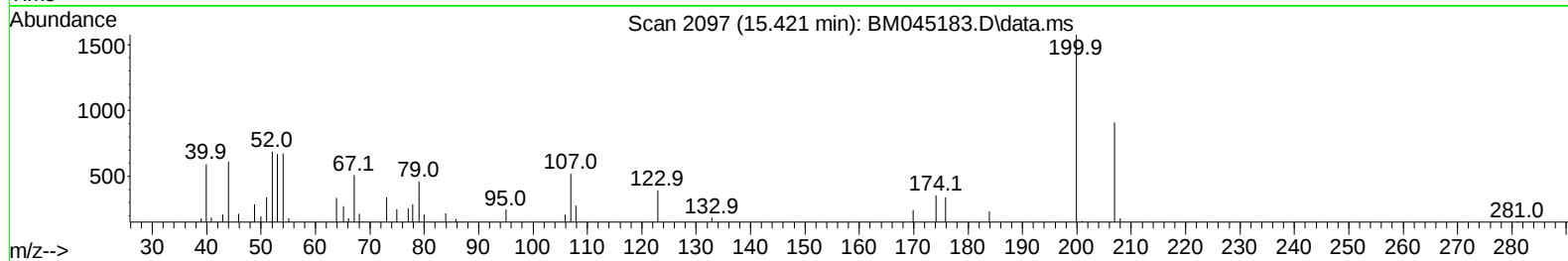
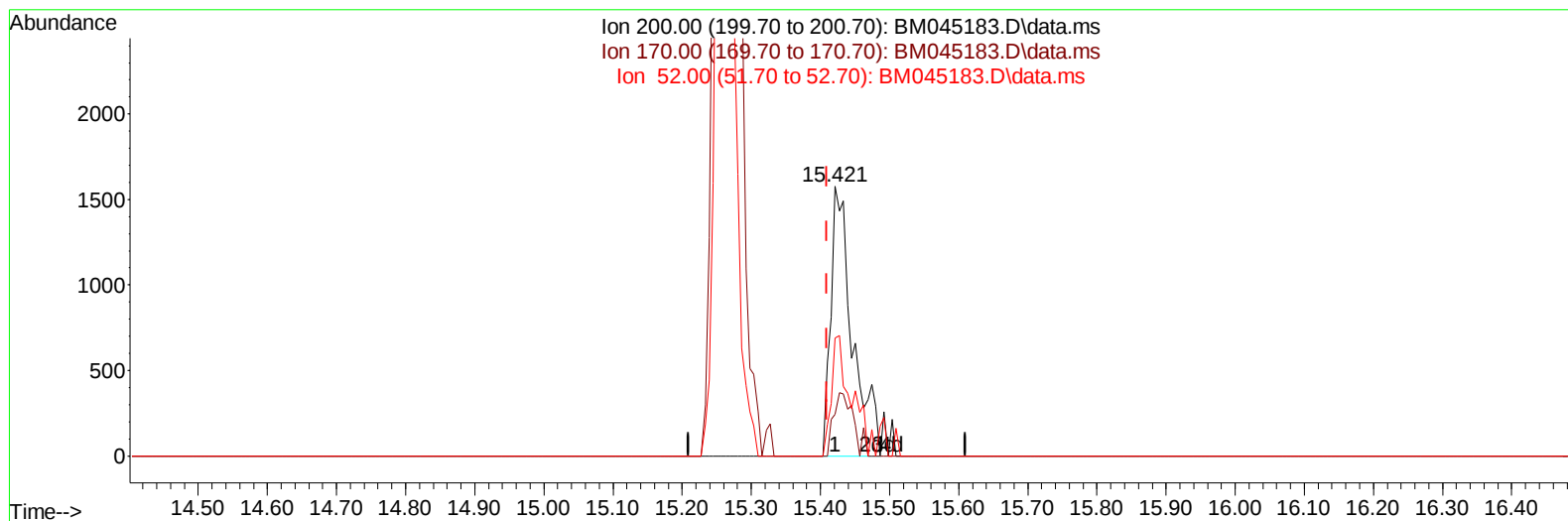
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041124\  
 Data File : BM045183.D  
 Acq On : 12 Apr 2024 22:27  
 Operator : MA/JU  
 Sample : P2010-01  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E0LZ9

Manual IntegrationsAPPROVED

Quant Time: Apr 12 22:57:12 2024  
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Reviewed By :Yogesh Patel 04/16/2024  
 Supervised By :mohammad ahmed 04/16/2024



TIC: BM045183.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.421min (+ 0.012) 2.41 ng/ul m

response 3425

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 18.30  | 15.48  |
| 52.00  | 40.20  | 43.78  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041124\  
 Data File : BM045183.D  
 Acq On : 12 Apr 2024 22:27  
 Operator : MA/JU  
 Sample : P2010-01  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E0LZ9

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024  
 Supervised By :mohammad ahmed 04/16/2024

Quant Time: Apr 12 22:58:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 11 18:54:49 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.610  | 152  | 65491    | 20.000 | ng/ul | -0.01    |
| 20) Naphthalene-d8            | 10.386 | 136  | 253771   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.257 | 164  | 141500   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.021 | 188  | 239616   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.233 | 240  | 166649   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.444 | 264  | 223635   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.205  | 96   | 7141     | 4.072  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.610  | 84   | 46877    | 9.829  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.804  | 99   | 26654    | 4.801  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.969  | 67   | 92984    | 28.110 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.151  | 132  | 52705    | 12.117 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.334  | 113  | 24498    | 5.637  | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.775  | 128  | 60366    | 30.968 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.492  | 143  | 14022    | 6.815  | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.022 | 165  | 52351    | 13.878 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.545 | 131  | 122246   | 20.355 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.686 | 166  | 319068   | 32.385 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 13.951 | 160  | 377966   | 32.474 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.598 | 143  | 3301m    | 1.605  | ng/ul | 0.10     |
| 60) Fluorene-d10              | 15.263 | 176  | 280502   | 31.935 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.421 | 200  | 3425m    | 2.411  | ng/ul | 0.01     |
| 73) Anthracene-d10            | 17.121 | 188  | 412819   | 38.298 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.427 | 212  | 417568   | 50.887 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.303 | 264  | 419427   | 38.446 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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