

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041524\  
Data File : BM045286.D  
Acq On : 16 Apr 2024 18:11  
Operator : MA/JU  
Sample : P2032-14  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E0MG0

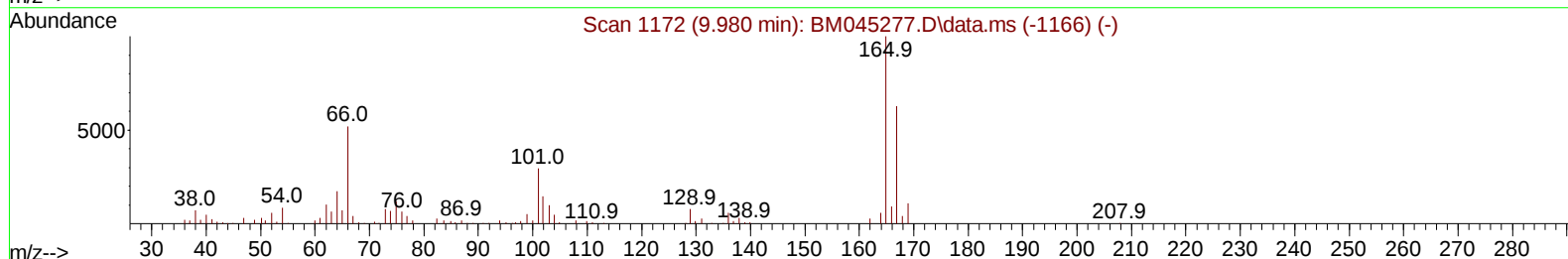
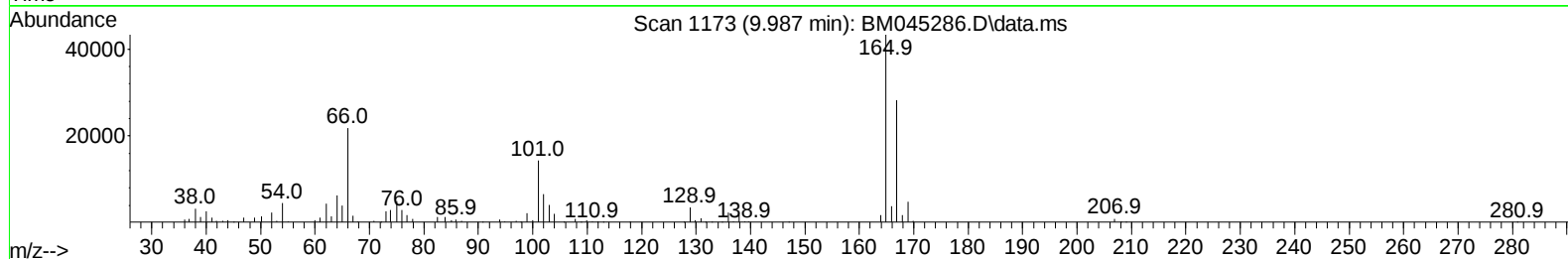
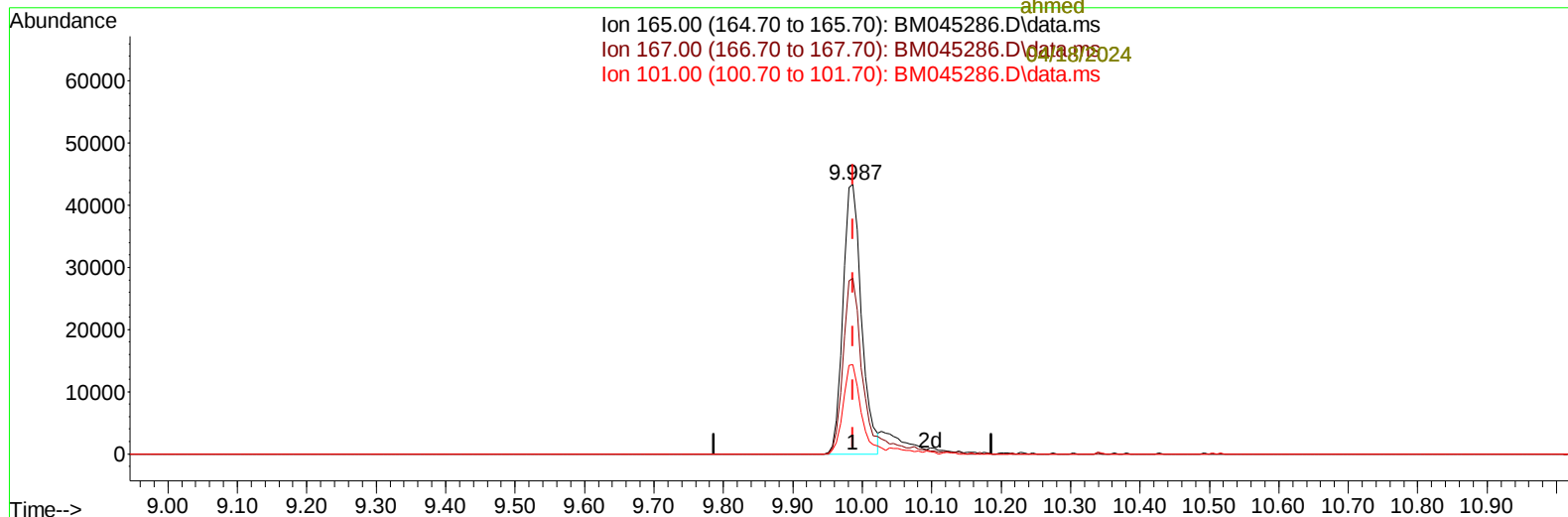
## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

04/17/2024  
Supervised By :mohammad  
ahmed

Quant Time: Apr 16 18:44:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Apr 15 22:24:11 2024  
Response via : Initial Calibration

Ion 165.00 (164.70 to 165.70): BM045286.D\data.ms  
Ion 167.00 (166.70 to 167.70): BM045286.D\data.ms  
Ion 101.00 (100.70 to 101.70): BM045286.D\data.ms



TIC: BM045286.D\data.ms

## (28) 2,4-Dichlorophenol-d3 (S)

9.987min (+ 0.000) 25.42 ng/u1

response 79477

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 65.30  | 65.29  |
| 101.00 | 30.90  | 33.22  |
| 0.00   | 0.00   | 0.00   |

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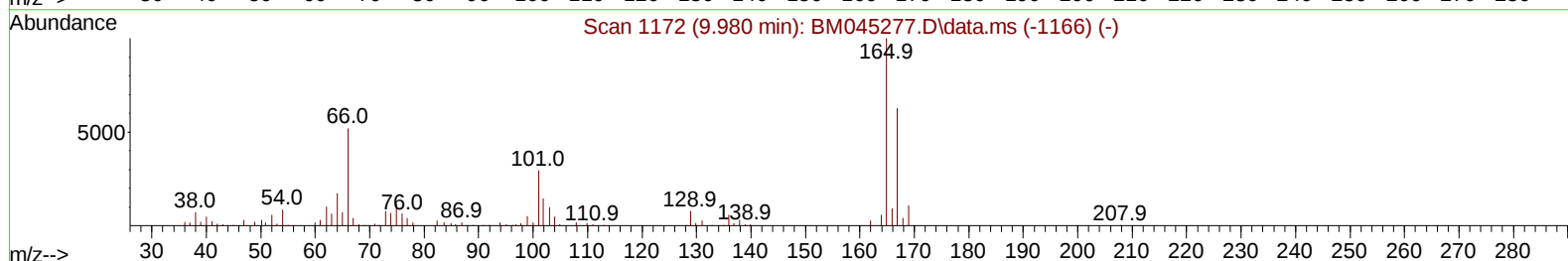
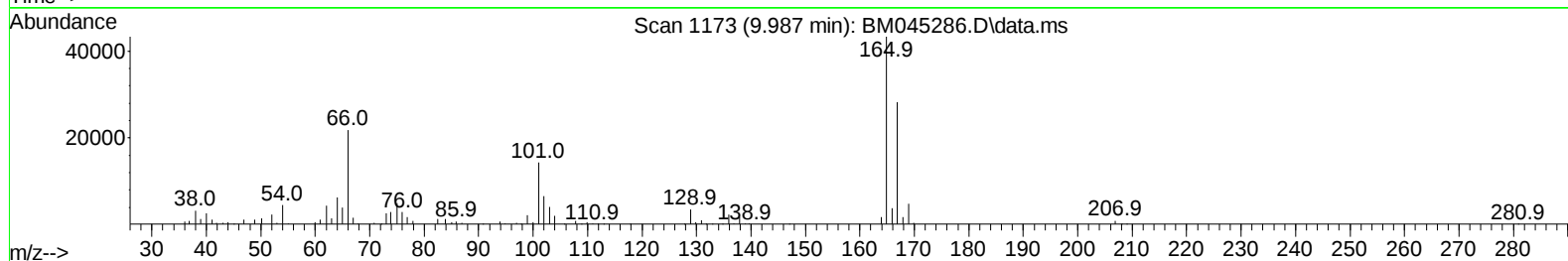
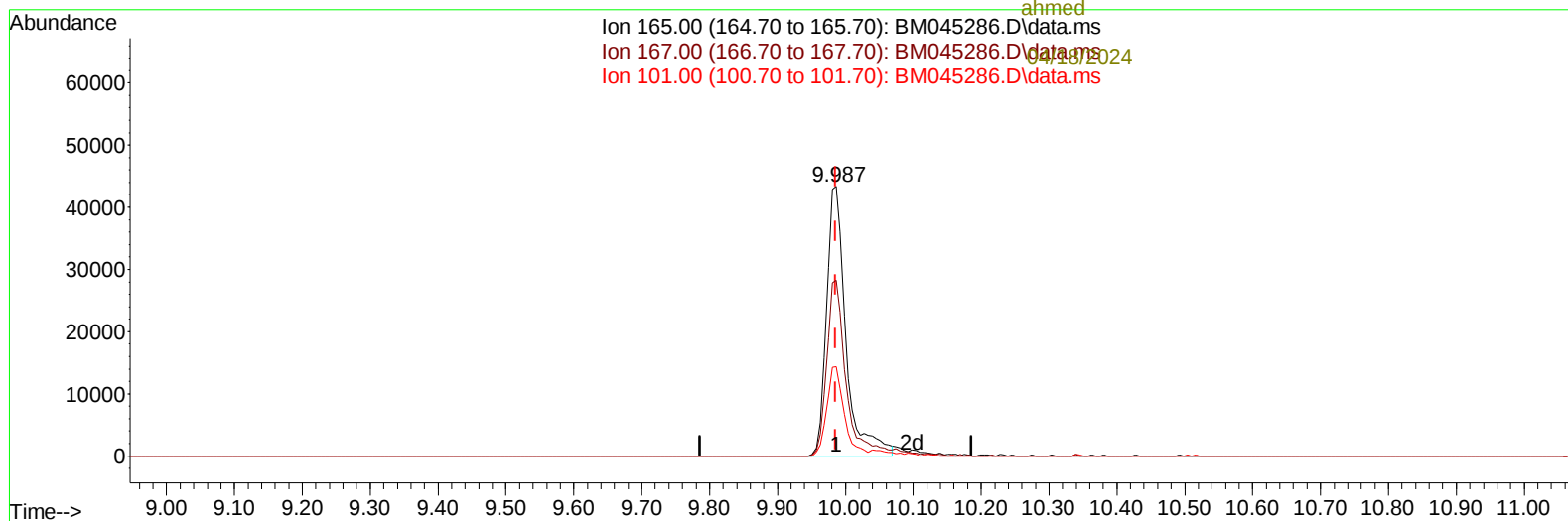
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Ion 165.00 (164.70 to 165.70): BM045286.D\data.ms  
Ion 167.00 (166.70 to 167.70): BM045286.D\data.ms  
Ion 101.00 (100.70 to 101.70): BM045286.D\data.ms



TIC: BM045286.D\data.ms

## (28) 2,4-Dichlorophenol-d3 (S)

9.987min (+ 0.000) 27.78 ng/ul m

response 86858

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 65.30  | 65.29  |
| 101.00 | 30.90  | 33.22  |
| 0.00   | 0.00   | 0.00   |

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 ALS Vial : 46 Sample Multiplier: 1

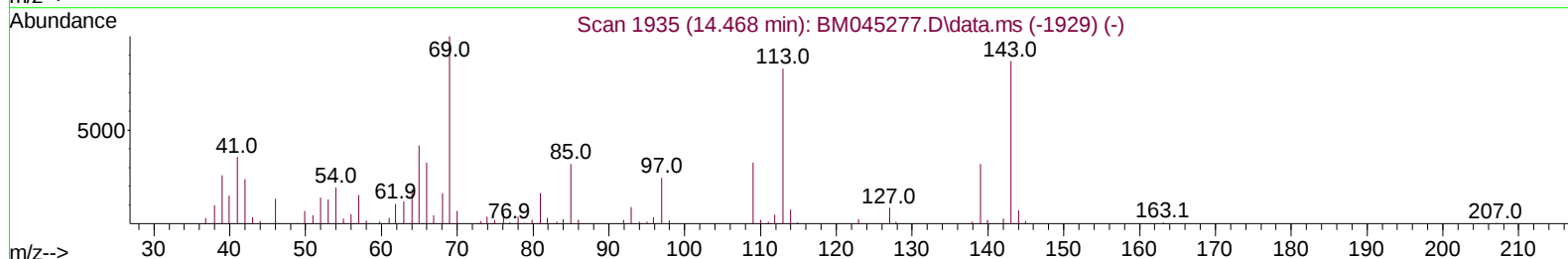
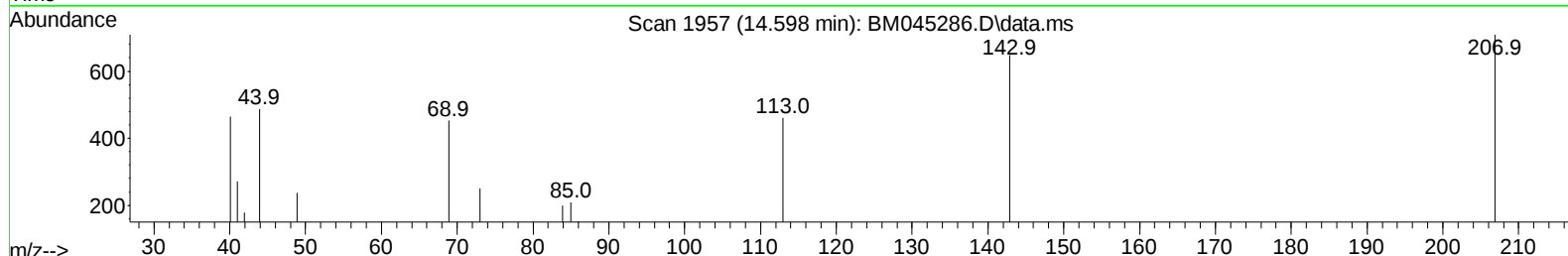
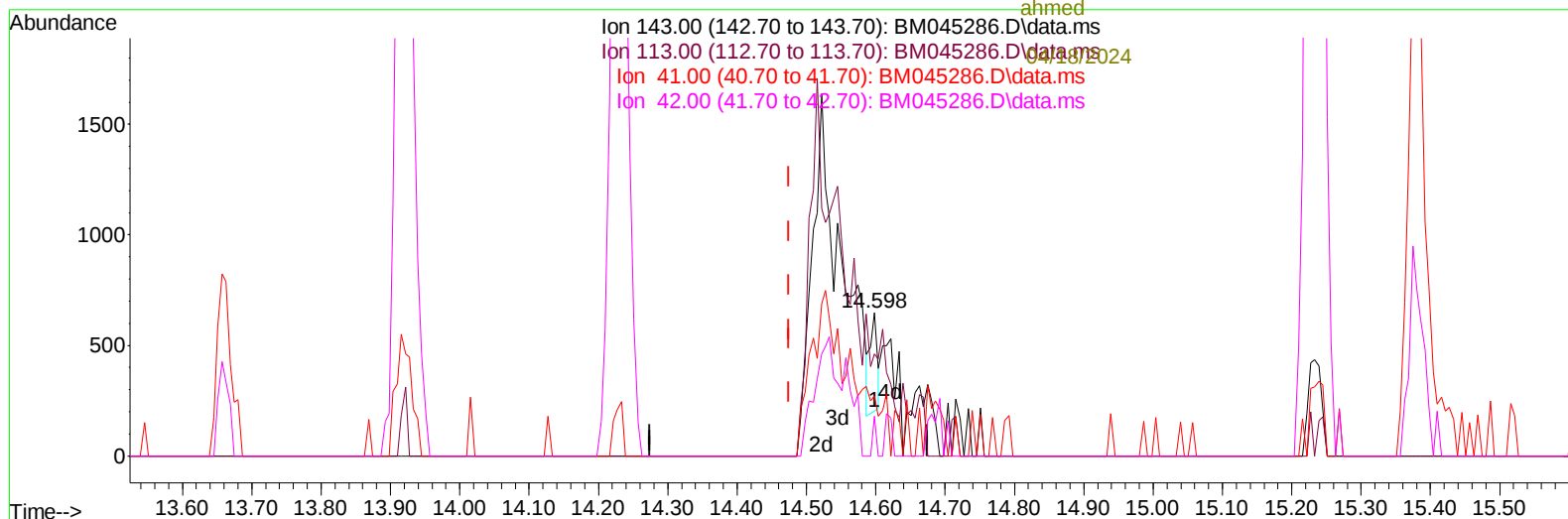
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Quant Time: Apr 16 18:43:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Apr 15 22:24:11 2024  
 Response via : Initial Calibration



TIC: BM045286.D\data.ms

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

14.598min (+ 0.124) 0.18 ng/u1

response 334

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 78.80  | 70.88  |
| 41.00  | 36.50  | 41.91  |
| 42.00  | 23.30  | 27.58  |

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Sample : P2032-14  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

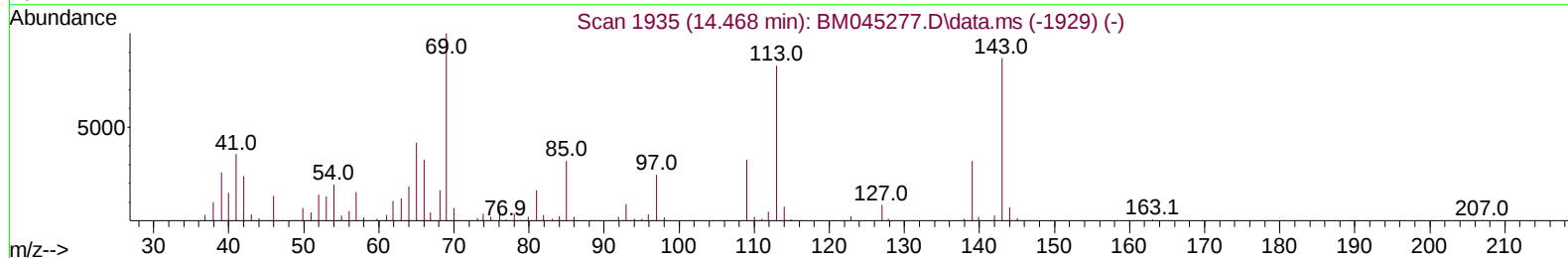
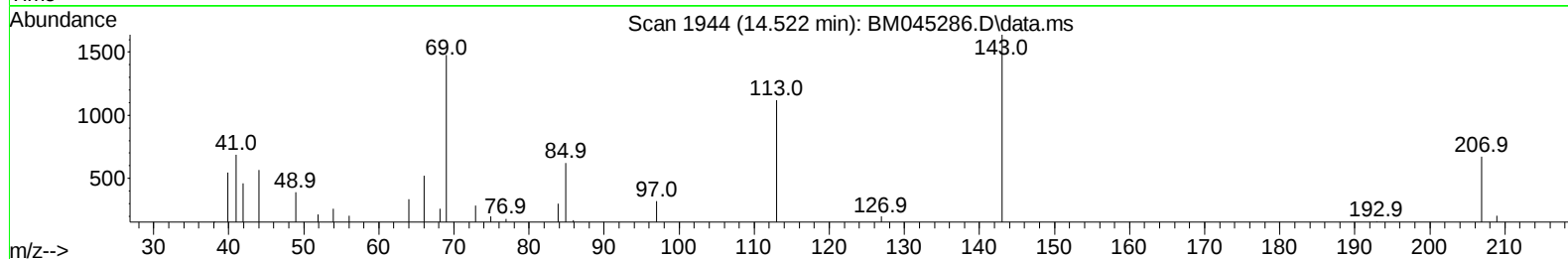
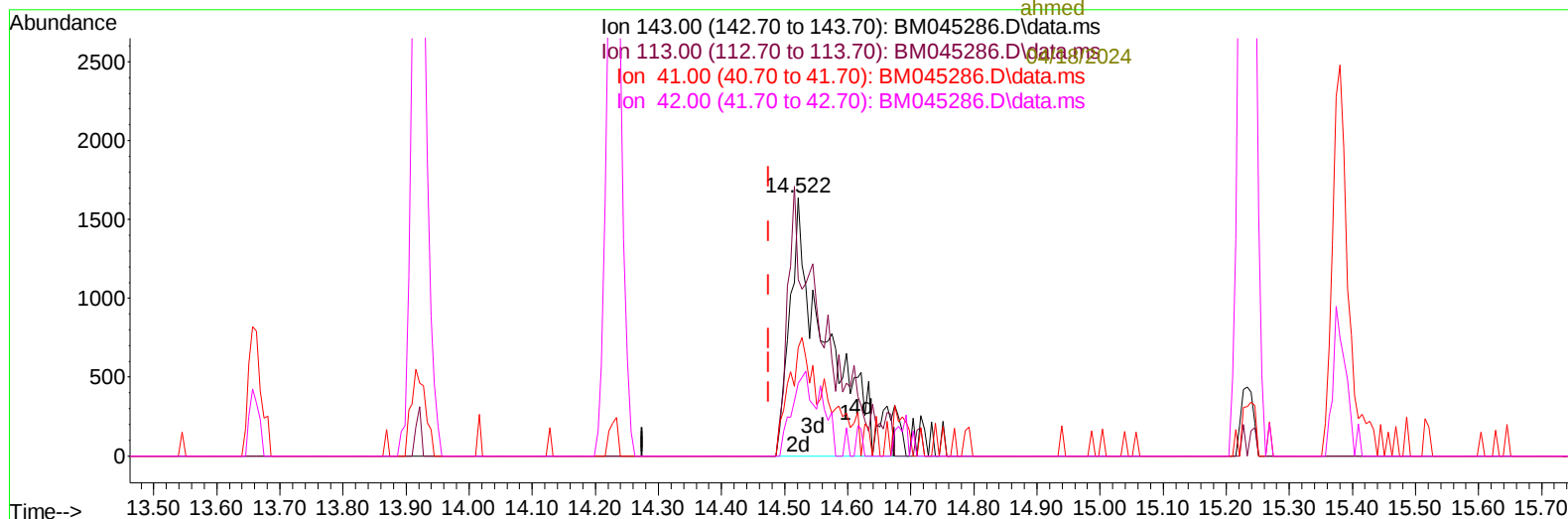
Instrument :  
BNA\_M  
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TIC: BM045286.D\data.ms

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

14.522min (+ 0.047) 3.95 ng/ul m

response 7346

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 78.80  | 68.25  |
| 41.00  | 36.50  | 42.00  |
| 42.00  | 23.30  | 28.21# |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041524\  
 Data File : BM045286.D  
 Acq On : 16 Apr 2024 18:11  
 Operator : MA/JU  
 Sample : P2032-14  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E0MG0

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Quant Time: Apr 16 23:15:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Apr 15 22:24:11 2024  
 Response via : Initial Calibration

04/17/2024  
 Supervised By :mohammad  
 ahmed

04/18/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----04/18/2024               |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.581  | 152  | 54603    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.351 | 136  | 210307   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.233 | 164  | 127828   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 16.992 | 188  | 253280   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.209 | 240  | 245687   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.409 | 264  | 326710   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 5341     | 3.653  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.593  | 84   | 16018    | 4.028  | ng/ul | 0.01     |
| 7) Phenol-d5                  | 6.775  | 99   | 25140    | 5.431  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.934  | 67   | 82300    | 29.842 | ng/ul | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.116  | 132  | 82988    | 22.883 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.293  | 113  | 48107    | 13.277 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.740  | 128  | 51003    | 31.572 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.451  | 143  | 52353    | 30.704 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.987  | 165  | 86858m   | 27.784 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.516 | 131  | 103190   | 20.733 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.663 | 166  | 321448   | 36.116 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 13.922 | 160  | 352792   | 33.553 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 7346m    | 3.955  | ng/ul | 0.05     |
| 60) Fluorene-d10              | 15.233 | 176  | 277393   | 34.959 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.380 | 200  | 40430    | 26.922 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.092 | 188  | 446236   | 39.165 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.398 | 212  | 526995   | 43.562 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.268 | 264  | 633671   | 39.759 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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