

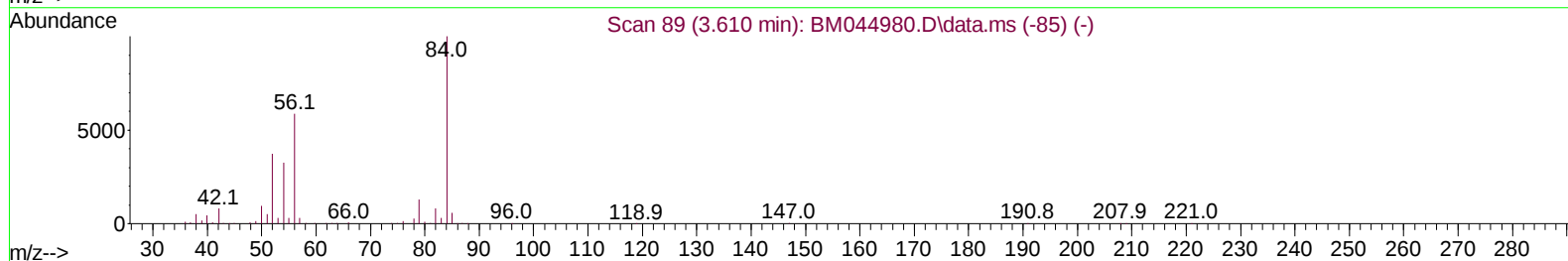
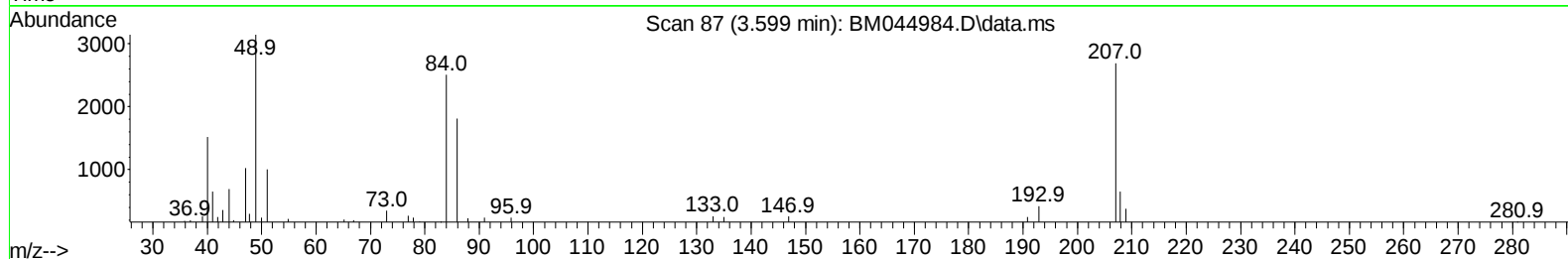
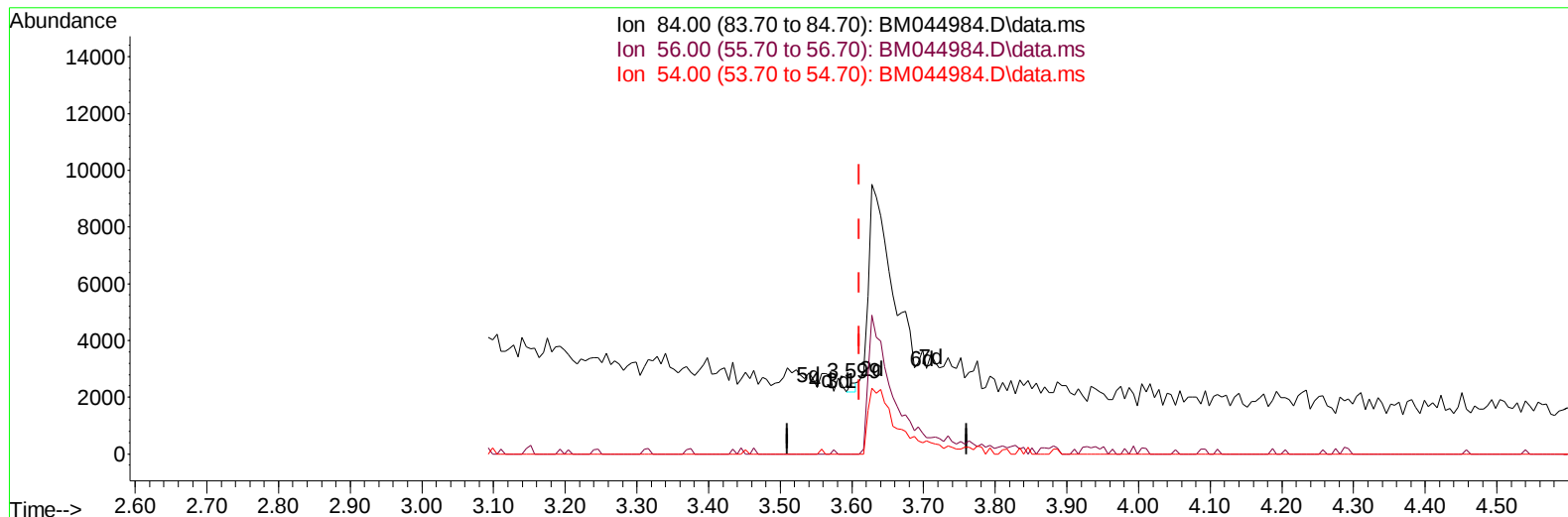
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040624\  
Data File : BM044984.D  
Acq On : 06 Apr 2024 23:51  
Operator : MA/JU  
Sample : P2012-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AM7

Manual IntegrationsAPPROVED

Quant Time: Apr 08 05:05:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Apr 08 05:01:54 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/09/2024  
Supervised By :mohammad ahmed 04/09/2024



TIC: BM044984.D\data.ms

(4) Pyridine-d5 (S)

3.599min (-0.012) 0.04 ng/u1

response 228

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 56.30  | 0.00#  |
| 54.00 | 34.10  | 0.00#  |
| 0.00  | 0.00   | 0.00   |

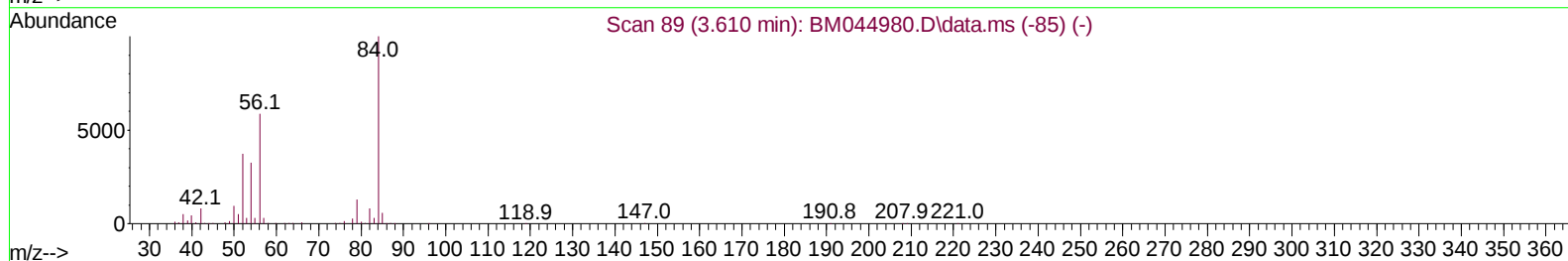
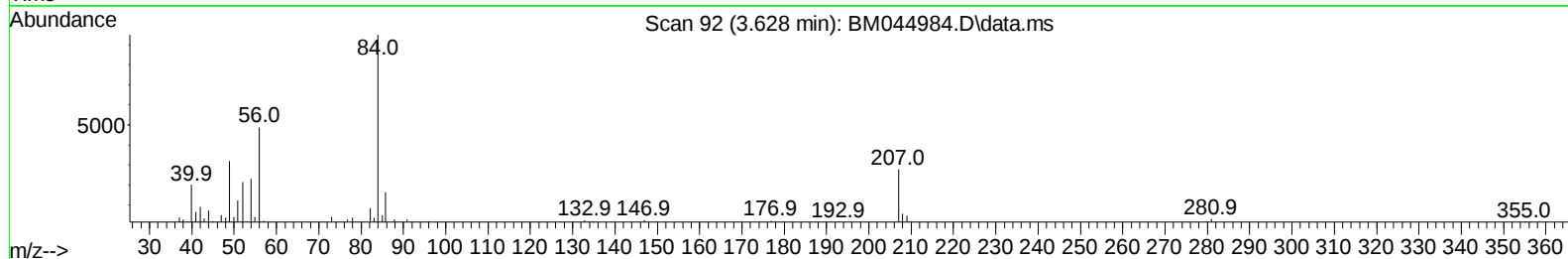
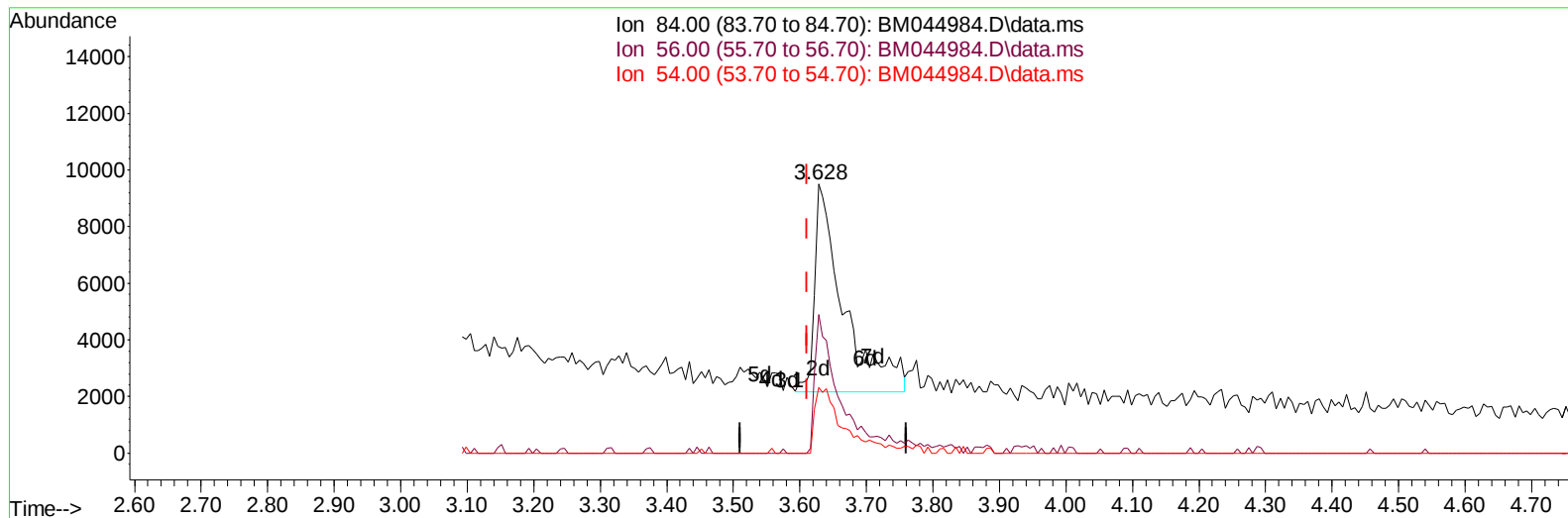
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040624\  
Data File : BM044984.D  
Acq On : 06 Apr 2024 23:51  
Operator : MA/JU  
Sample : P2012-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Apr 08 05:05:17 2024  
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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Apr 08 05:01:54 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/09/2024  
Supervised By :mohammad ahmed 04/09/2024



TIC: BM044984.D\data.ms

(4) Pyridine-d5 (S)

3.628min (+ 0.018) 4.04 ng/u1 m

response 22012

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 56.30  | 51.46  |
| 54.00 | 34.10  | 24.33# |
| 0.00  | 0.00   | 0.00   |

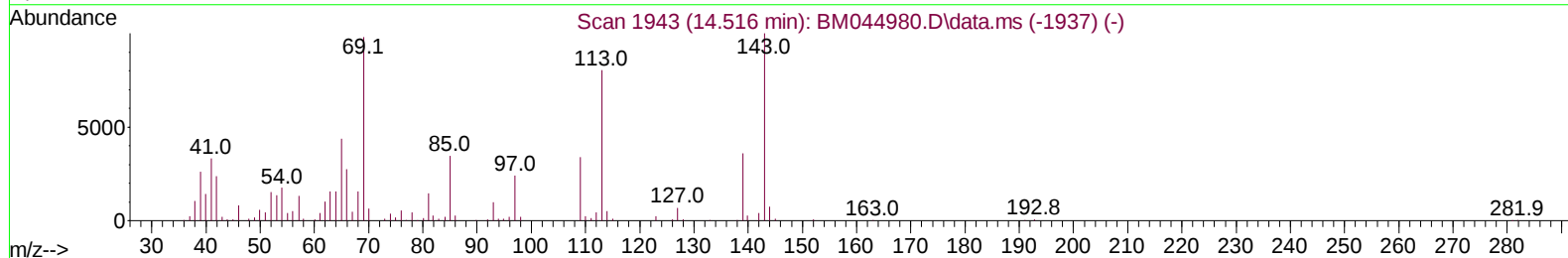
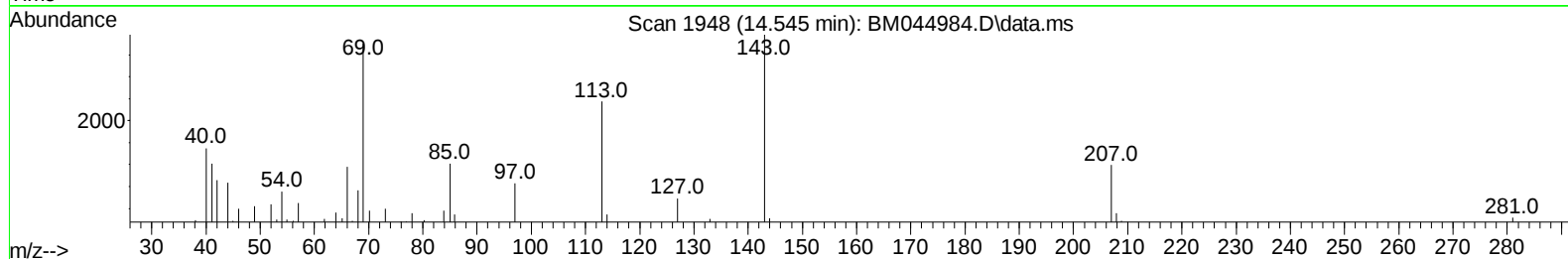
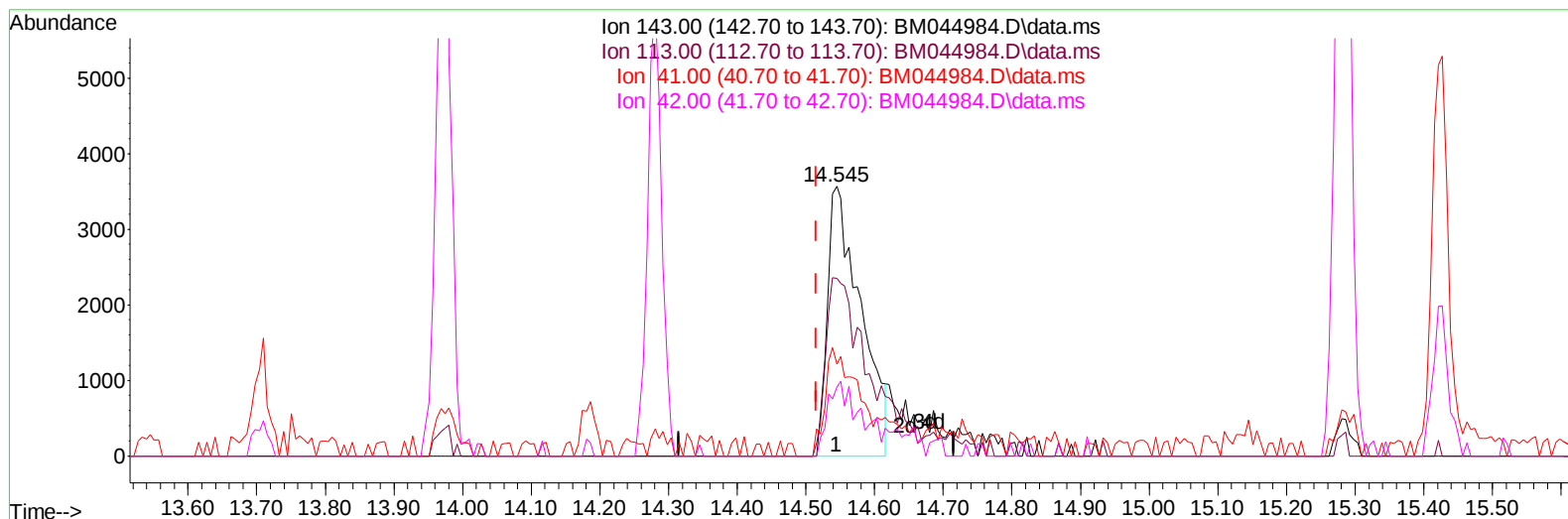
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040624\  
Data File : BM044984.D  
Acq On : 06 Apr 2024 23:51  
Operator : MA/JU  
Sample : P2012-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AM7

Manual IntegrationsAPPROVED

Quant Time: Apr 08 05:05:17 2024  
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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Apr 08 05:01:54 2024  
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Reviewed By :Yogesh Patel 04/09/2024  
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TIC: BM044984.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.545min (+ 0.029) 3.86 ng/u1

response 11968

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 78.80  | 65.87  |
| 41.00  | 36.50  | 34.04  |
| 42.00  | 23.30  | 25.66  |

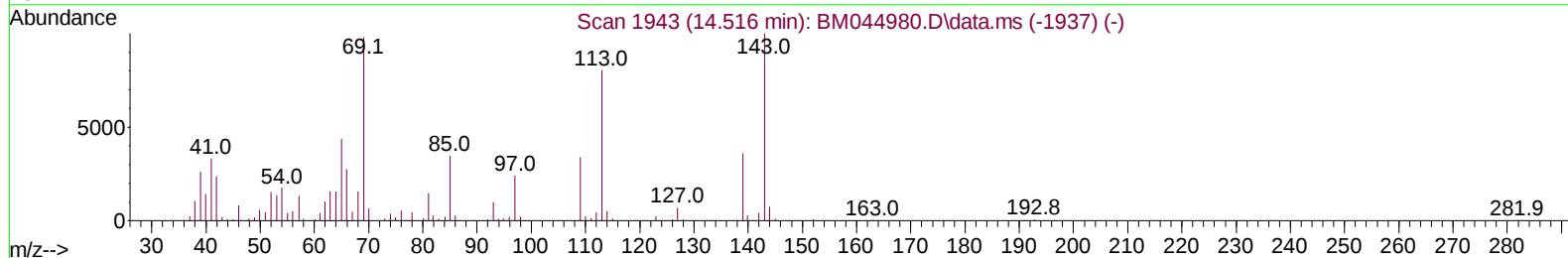
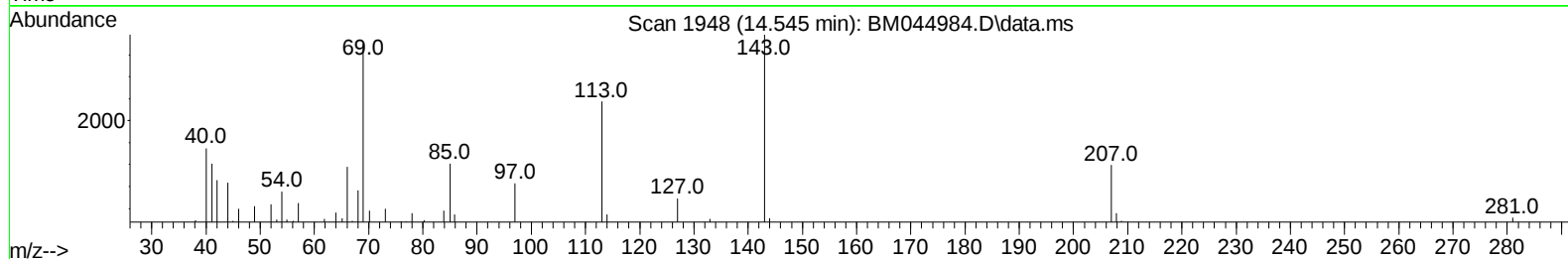
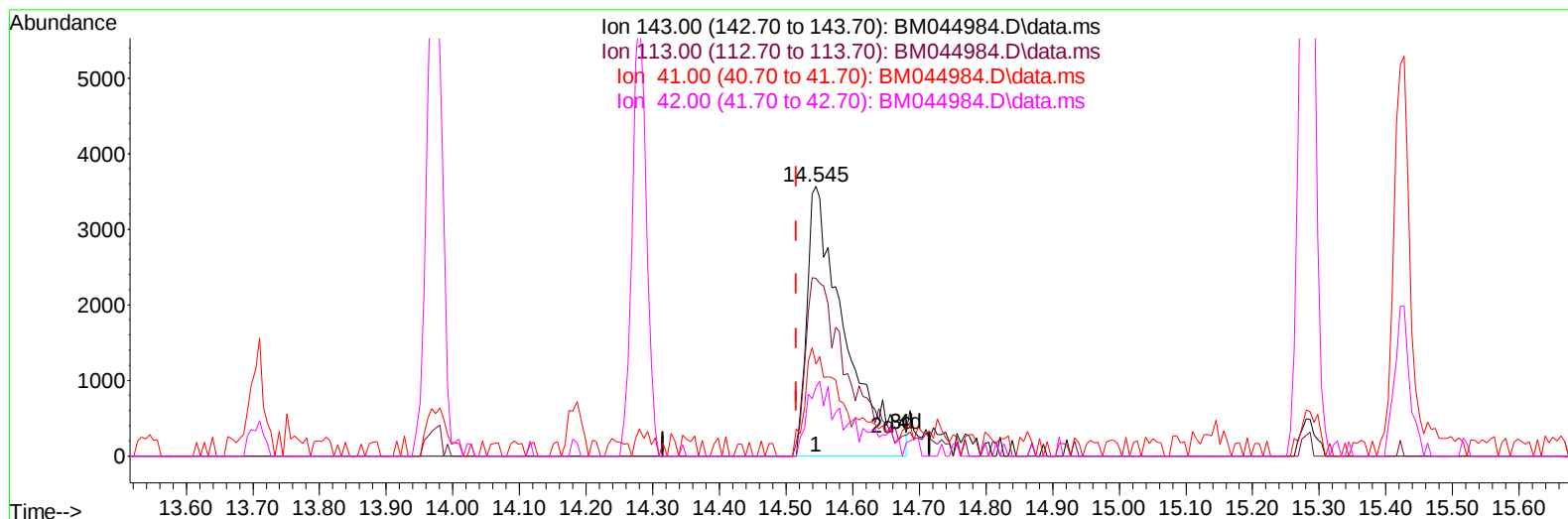
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040624\  
 Data File : BM044984.D  
 Acq On : 06 Apr 2024 23:51  
 Operator : MA/JU  
 Sample : P2012-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AM7

Manual IntegrationsAPPROVED

Quant Time: Apr 08 05:05:17 2024  
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 Supervised By :mohammad ahmed 04/09/2024



TIC: BM044984.D\data.ms

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

**14.545min (+ 0.029) 4.55 ng/ul m**

**response 14121**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 78.80  | 65.87  |
| 41.00  | 36.50  | 34.04  |
| 42.00  | 23.30  | 25.66  |

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 Data File : BM044984.D  
 Acq On : 06 Apr 2024 23:51  
 Operator : MA/JU  
 Sample : P2012-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AM7

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/09/2024  
 Supervised By :mohammad ahmed 04/09/2024

Quant Time: Apr 08 05:21:28 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Apr 08 05:01:54 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.634  | 152  | 74858    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.410 | 136  | 331776   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.280 | 164  | 213375   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.039 | 188  | 454056   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.244 | 240  | 440389   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.468 | 264  | 533023   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.210  | 96   | 6915     | 3.449  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.628  | 84   | 22012m   | 4.038  | ng/ul | 0.02     |
| 7) Phenol-d5                  | 6.822  | 99   | 38998    | 6.145  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.987  | 67   | 138588   | 36.655 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.169  | 132  | 138967   | 27.951 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.345  | 113  | 81929    | 16.493 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.792  | 128  | 93871    | 36.834 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.510  | 143  | 101480   | 37.727 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.039 | 165  | 161566   | 32.760 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.569 | 131  | 143303   | 18.251 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.710 | 166  | 575763   | 38.754 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 13.974 | 160  | 676728   | 38.557 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.545 | 143  | 14121m   | 4.554  | ng/ul | 0.03     |
| 60) Fluorene-d10              | 15.286 | 176  | 541740   | 40.901 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.421 | 200  | 93313    | 34.660 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.139 | 188  | 945345   | 46.282 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.445 | 212  | 1126600  | 51.954 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.333 | 264  | 1230712  | 47.331 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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