

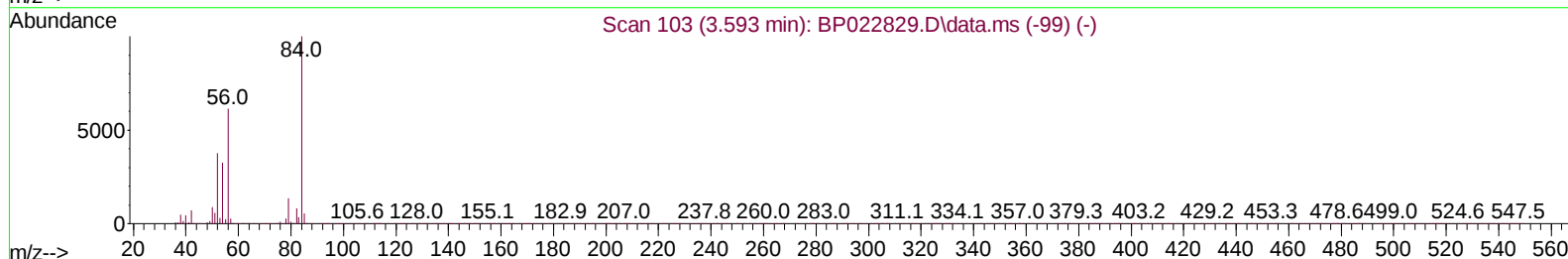
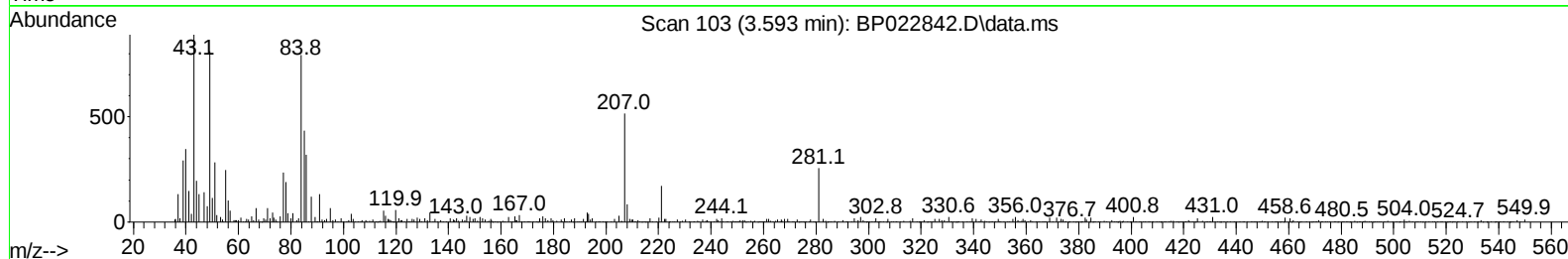
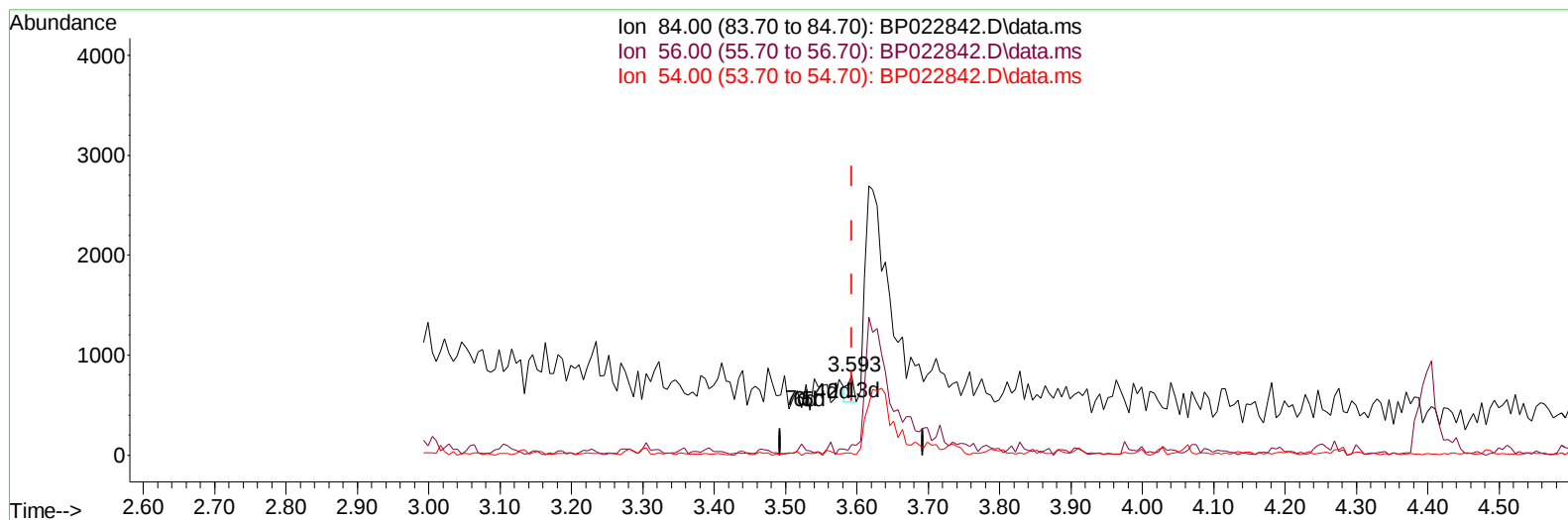
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
Data File : BP022842.D  
Acq On : 05 Nov 2024 01:06  
Operator : RC/JU  
Sample : P4581-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EB1

Manual IntegrationsAPPROVED

Quant Time: Nov 05 01:55:28 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022842.D\data.ms

(4) Pyridine-d5 (S)

3.593min (-0.000) 0.03 ng/u1

response 154

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 61.10  | 13.10# |
| 54.00 | 30.90  | 1.89#  |
| 0.00  | 0.00   | 0.00   |

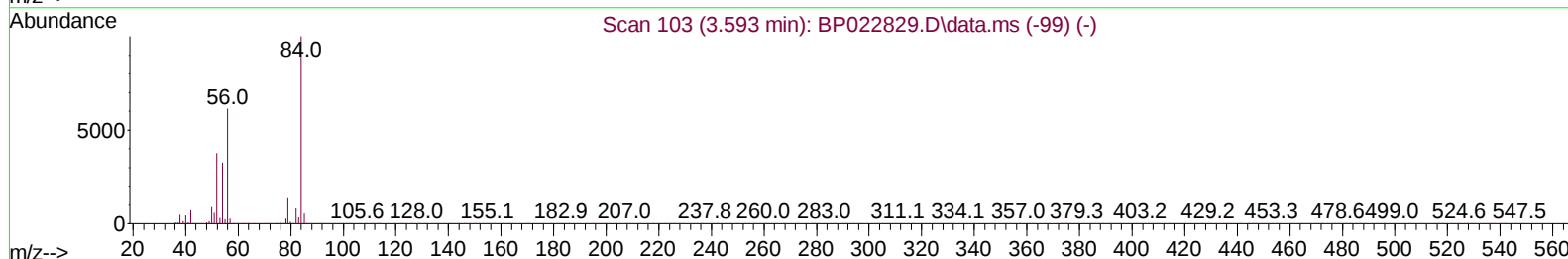
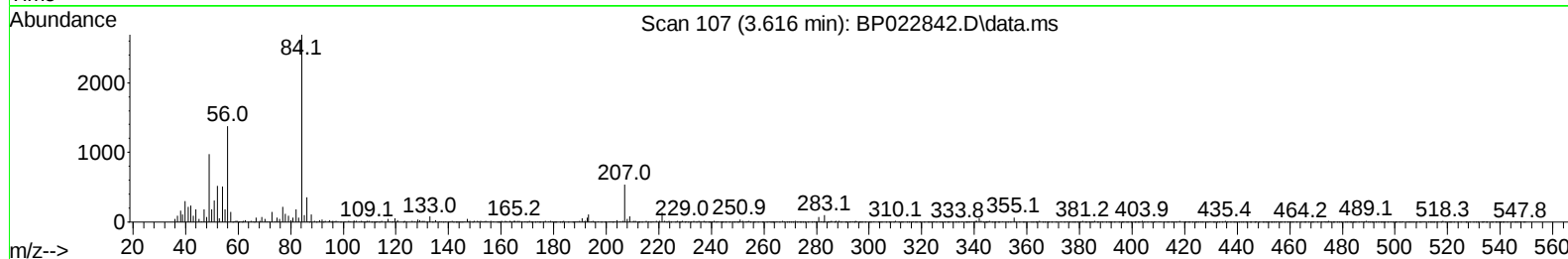
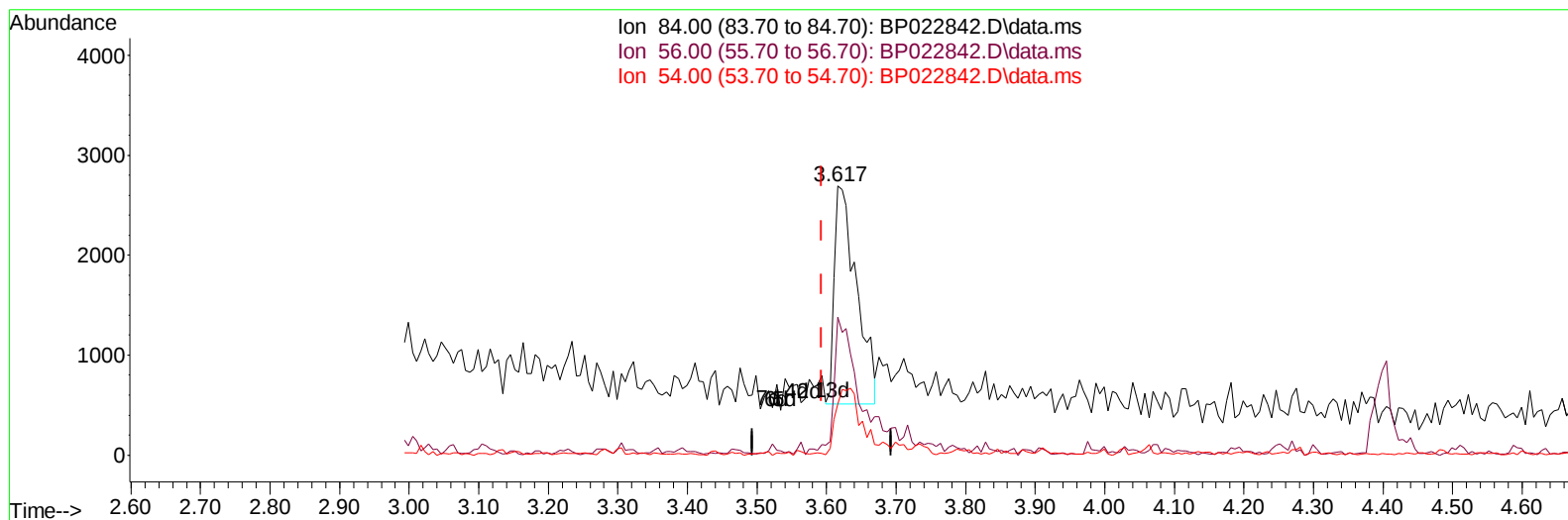
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BP022842.D\data.ms

#### (4) Pyridine-d5 (S)

3.616min (+ 0.023) 0.88 ng/u1 m

response 4849

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 61.10  | 51.34  |
| 54.00 | 30.90  | 19.11# |
| 0.00  | 0.00   | 0.00   |

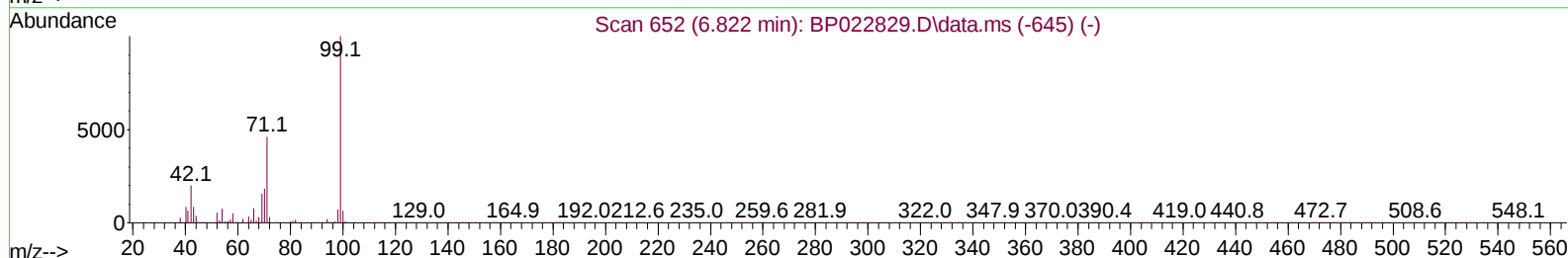
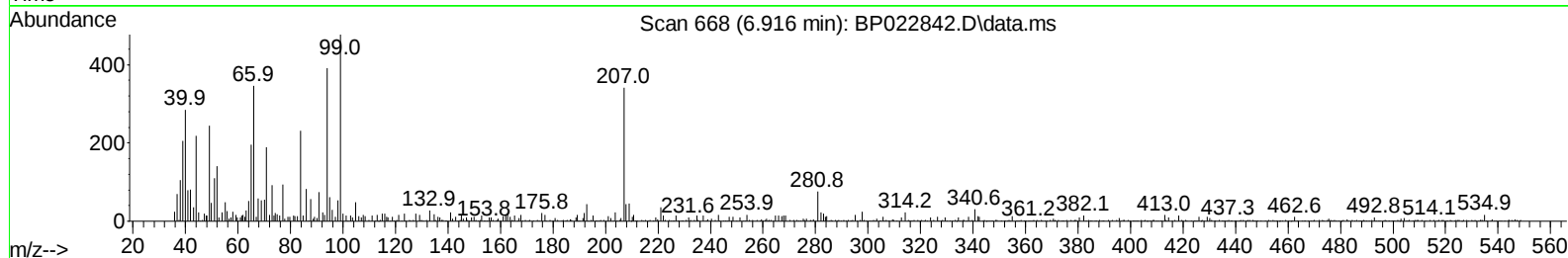
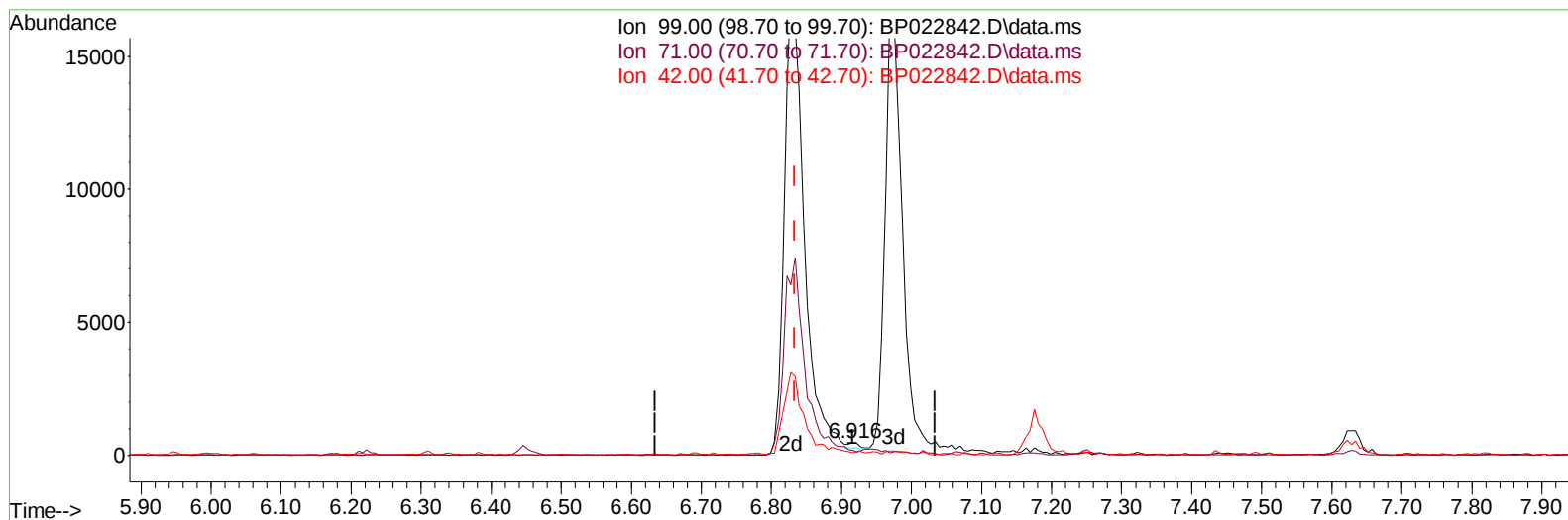
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
Data File : BP022842.D  
Acq On : 05 Nov 2024 01:06  
Operator : RC/JU  
Sample : P4581-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EB1

Manual IntegrationsAPPROVED

Quant Time: Nov 05 01:55:28 2024  
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Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022842.D\data.ms

(7) Phenol-d5 (S)

6.916min (+ 0.082) 0.03 ng/u1

response 196

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 99.00 | 100.00 | 100.00 |
| 71.00 | 44.40  | 39.83  |
| 42.00 | 17.60  | 16.98  |
| 0.00  | 0.00   | 0.00   |

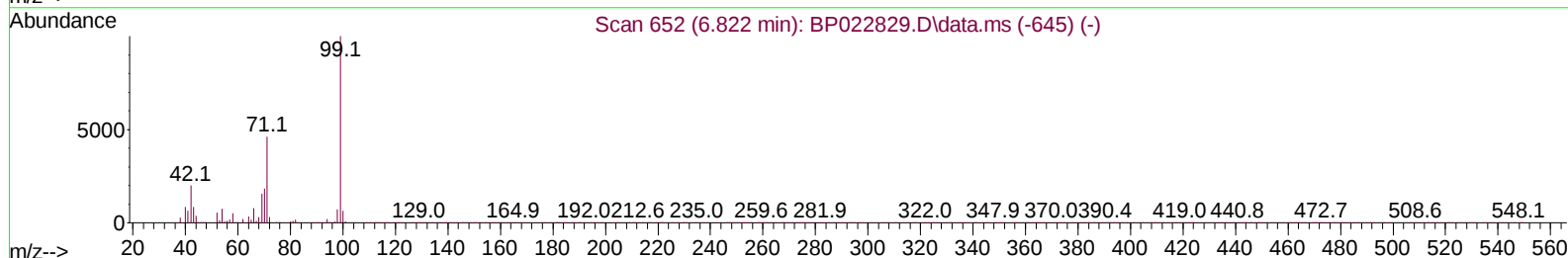
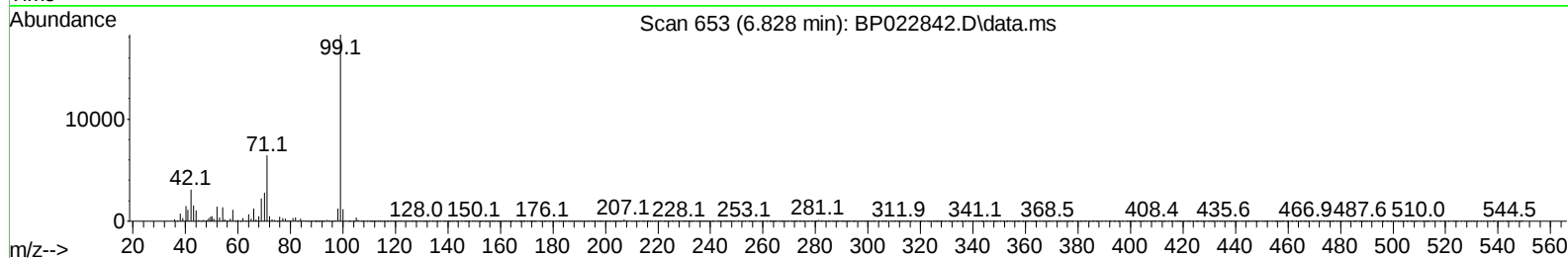
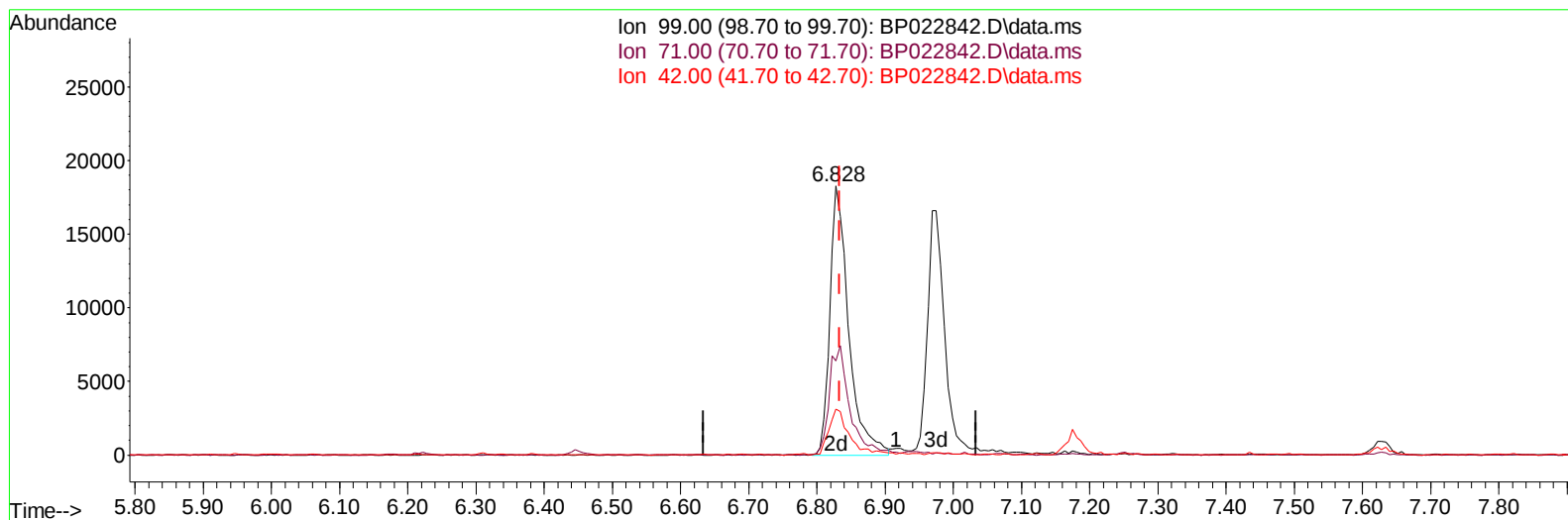
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
 Data File : BP022842.D  
 Acq On : 05 Nov 2024 01:06  
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 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EB1

Manual IntegrationsAPPROVED

Quant Time: Nov 05 01:55:28 2024  
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Reviewed By :Yogesh Patel 11/06/2024  
 Supervised By :mohammad ahmed 11/08/2024



TIC: BP022842.D\data.ms

(7) Phenol-d5 (S)

6.828min (-0.006) 5.33 ng/u1 m

response 34955

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 99.00 | 100.00 | 100.00 |
| 71.00 | 44.40  | 35.13# |
| 42.00 | 17.60  | 17.01  |
| 0.00  | 0.00   | 0.00   |

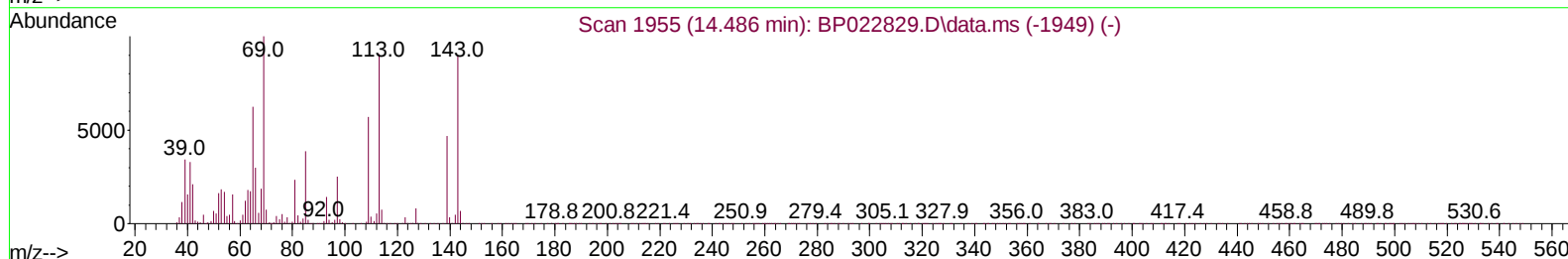
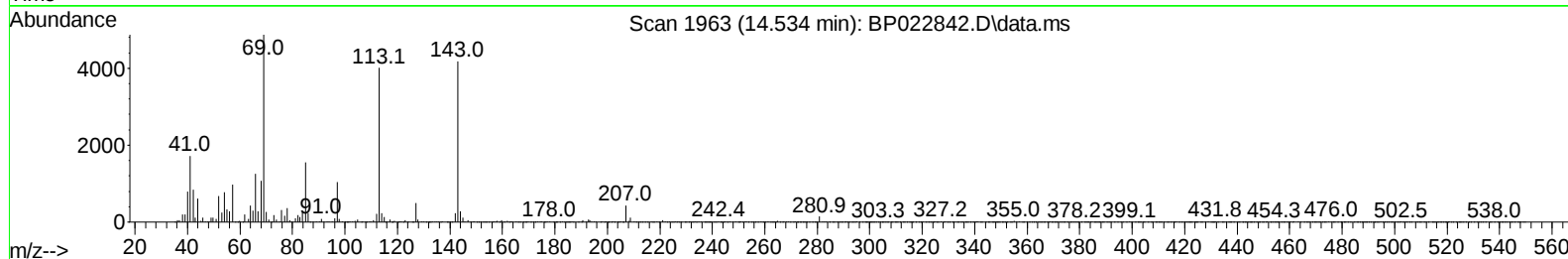
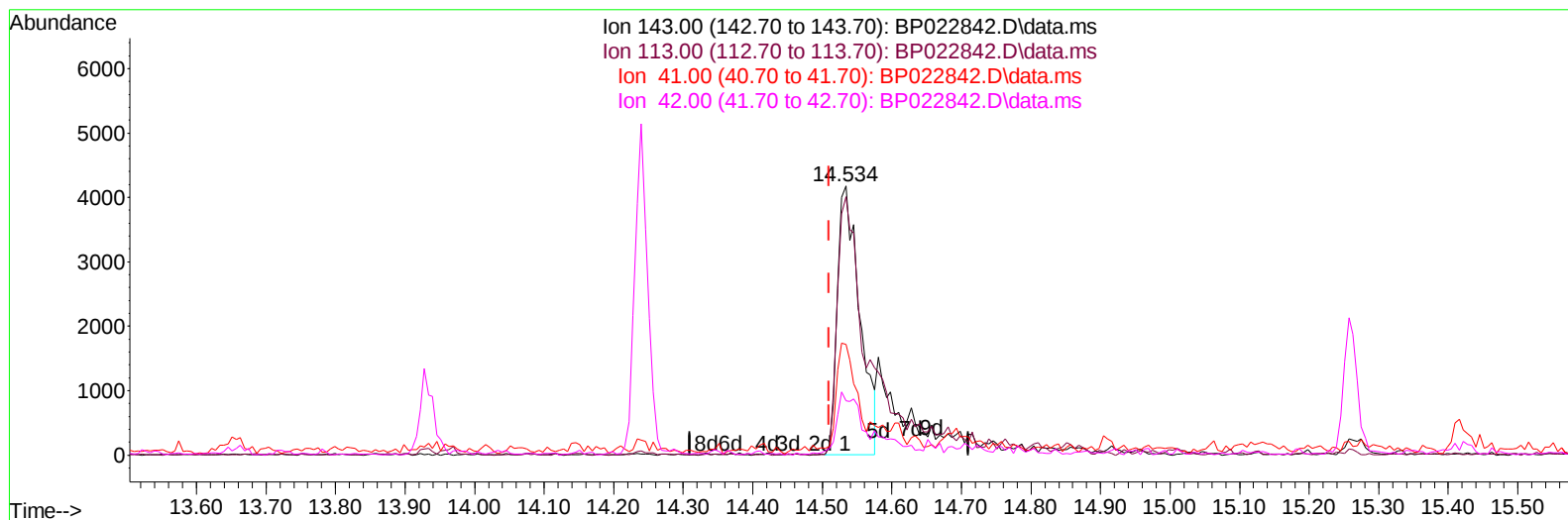
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
Data File : BP022842.D  
Acq On : 05 Nov 2024 01:06  
Operator : RC/JU  
Sample : P4581-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EB1

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 05 01:55:28 2024  
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TIC: BP022842.D\data.ms

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

14.534min (+ 0.023) 2.92 ng/u1

response 9331

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 96.00  |
| 41.00  | 35.90  | 41.20  |
| 42.00  | 23.70  | 20.22  |

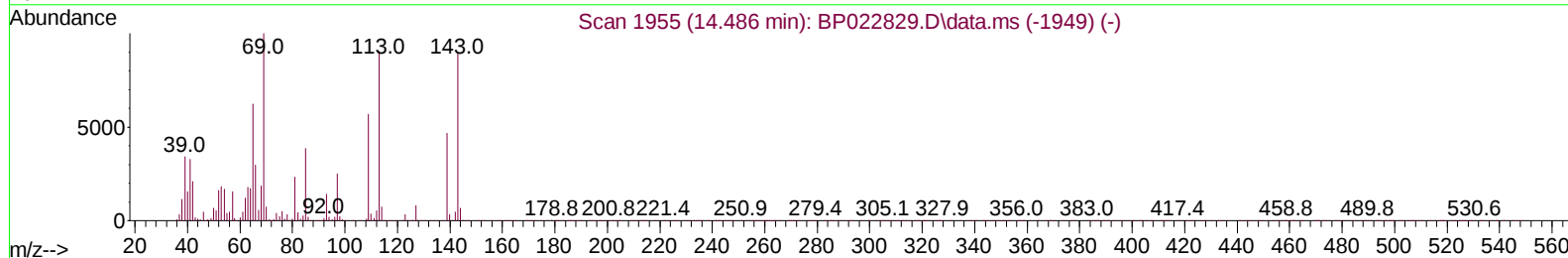
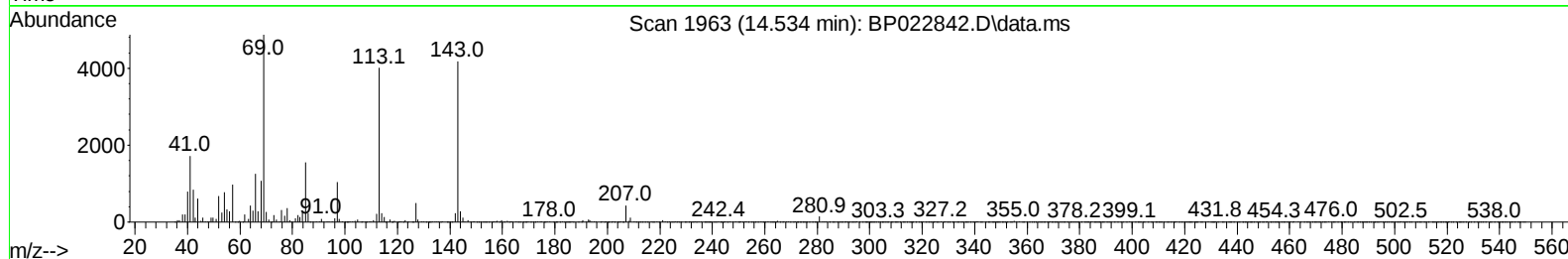
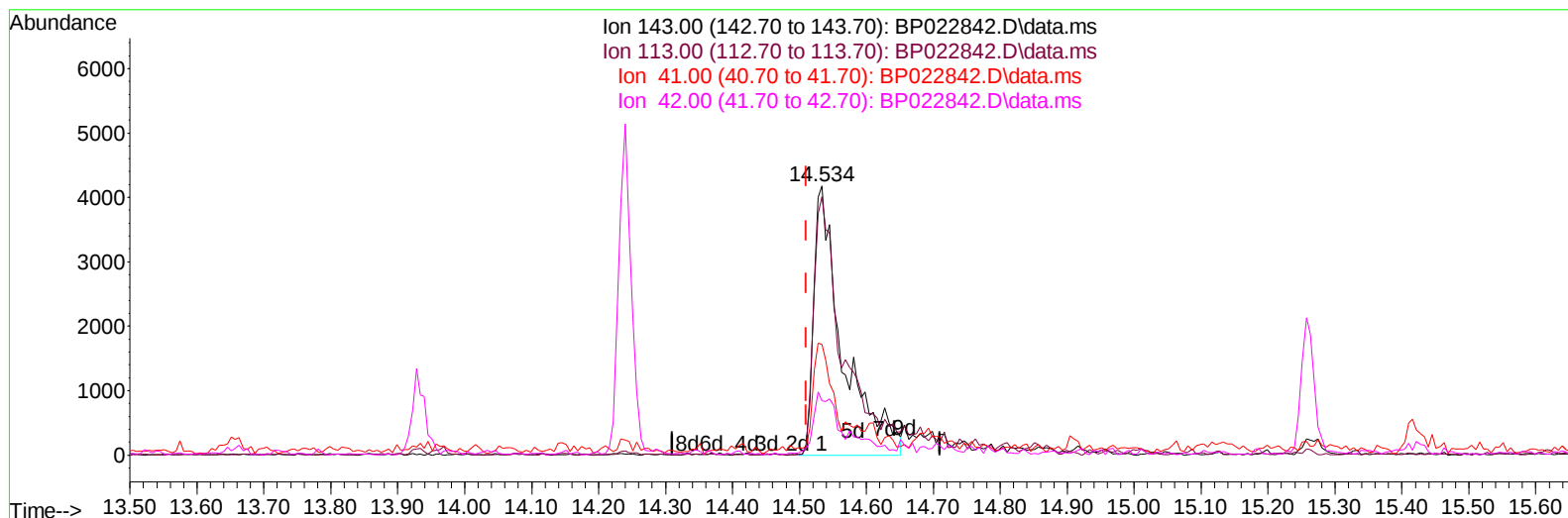
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
Data File : BP022842.D  
Acq On : 05 Nov 2024 01:06  
Operator : RC/JU  
Sample : P4581-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EB1

Manual IntegrationsAPPROVED

Quant Time: Nov 05 01:55:28 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :mohammad ahmed 11/08/2024



TIC: BP022842.D\data.ms

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

**14.534min (+ 0.023) 3.91 ng/ul m**

**response 12499**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 96.00  |
| 41.00  | 35.90  | 41.20  |
| 42.00  | 23.70  | 20.22  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
 Data File : BP022842.D  
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 Sample : P4581-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EB1

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2024  
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 05 02:04:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 30 10:56:39 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-------------------------------|--------|------|----------|--------|-------|--------------|
| -----                         |        |      |          |        |       |              |
| Internal Standards            |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4     | 7.628  | 152  | 77944    | 20.000 | ng/ul | -0.01        |
| 20) Naphthalene-d8            | 10.375 | 136  | 289924   | 20.000 | ng/ul | -0.02        |
| 38) Acenaphthene-d10          | 14.239 | 164  | 239564   | 20.000 | ng/ul | -0.02        |
| 64) Phenanthrene-d10          | 17.051 | 188  | 581749   | 20.000 | ng/ul | #-0.01       |
| 79) Chrysene-d12              | 21.486 | 240  | 644413   | 20.000 | ng/ul | #-0.01       |
| 88) Perylene-d12              | 24.721 | 264  | 800710   | 20.000 | ng/ul | -0.03        |
| System Monitoring Compounds   |        |      |          |        |       |              |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 2132     | 1.063  | ng/uL | 0.00         |
| 4) Pyridine-d5                | 3.616  | 84   | 4849m    | 0.881  | ng/ul | 0.02         |
| 7) Phenol-d5                  | 6.828  | 99   | 34955m   | 5.328  | ng/ul | 0.00         |
| 9) Bis-(2-Chloroethyl)eth...  | 6.969  | 67   | 22788    | 5.909  | ng/ul | -0.01        |
| 11) 2-Chlorophenol-d4         | 7.175  | 132  | 29013    | 6.232  | ng/ul | 0.00         |
| 15) 4-Methylphenol-d8         | 8.346  | 113  | 18876    | 3.605  | ng/ul | 0.00         |
| 21) Nitrobenzene-d5           | 8.775  | 128  | 14764    | 6.623  | ng/ul | 0.00         |
| 24) 2-Nitrophenol-d4          | 9.487  | 143  | 16497    | 6.392  | ng/ul | -0.01        |
| 28) 2,4-Dichlorophenol-d3     | 10.034 | 165  | 32674    | 5.957  | ng/ul | 0.00         |
| 31) 4-Chloroaniline-d4        | 10.546 | 131  | 22921    | 3.536  | ng/ul | 0.00         |
| 46) Dimethylphthalate-d6      | 13.651 | 166  | 131521   | 6.910  | ng/ul | -0.01        |
| 49) Acenaphthylene-d8         | 13.928 | 160  | 128455   | 6.354  | ng/ul | -0.02        |
| 54) 4-Nitrophenol-d4          | 14.534 | 143  | 12499m   | 3.914  | ng/ul | 0.02         |
| 60) Fluorene-d10              | 15.263 | 176  | 120149   | 7.278  | ng/ul | -0.01        |
| 65) 4,6-Dinitro-2-methylph... | 15.416 | 200  | 12089    | 3.160  | ng/ul | 0.01         |
| 73) Anthracene-d10            | 17.151 | 188  | 188217   | 6.878  | ng/ul | -0.02        |
| 81) Pyrene-d10                | 19.533 | 212  | 160444   | 4.708  | ng/ul | -0.01        |
| 92) Benzo(a)pyrene-d12        | 24.504 | 264  | 121500   | 2.841  | ng/ul | -0.02        |
| Target Compounds              |        |      |          |        |       |              |
| 16) Acetophenone              | 8.446  | 105  | 37388    | 4.325  | ng/ul | Qvalue<br>98 |
| -----                         |        |      |          |        |       |              |

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

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