

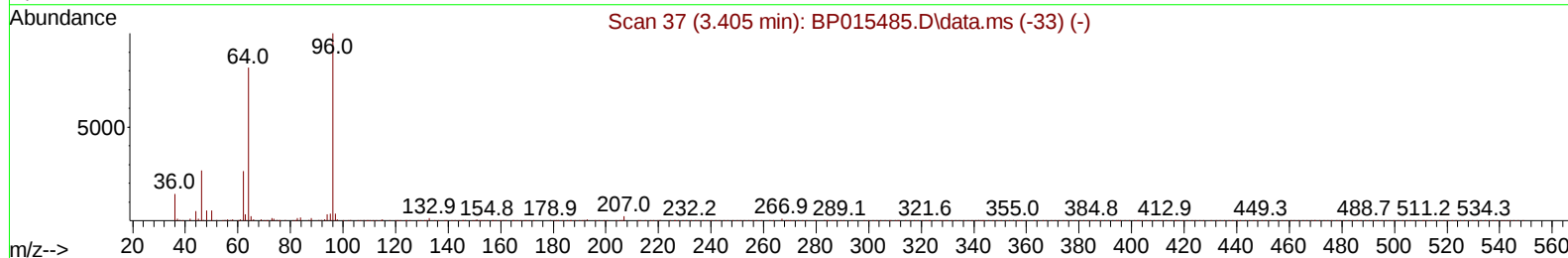
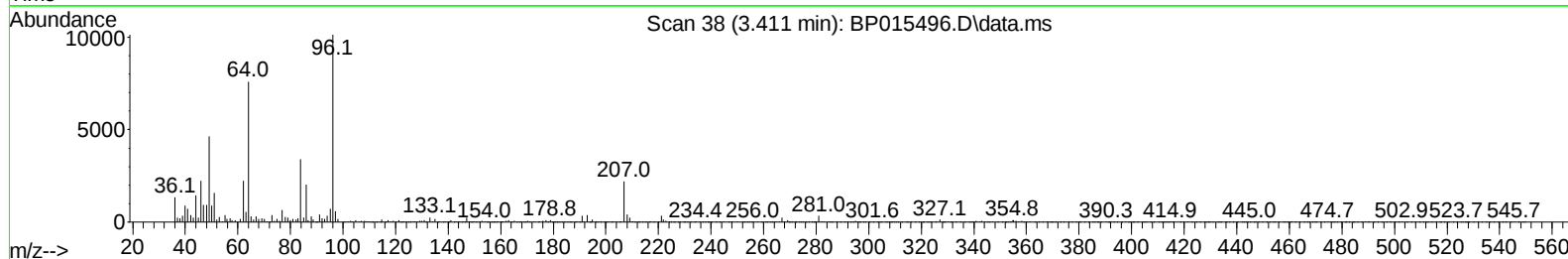
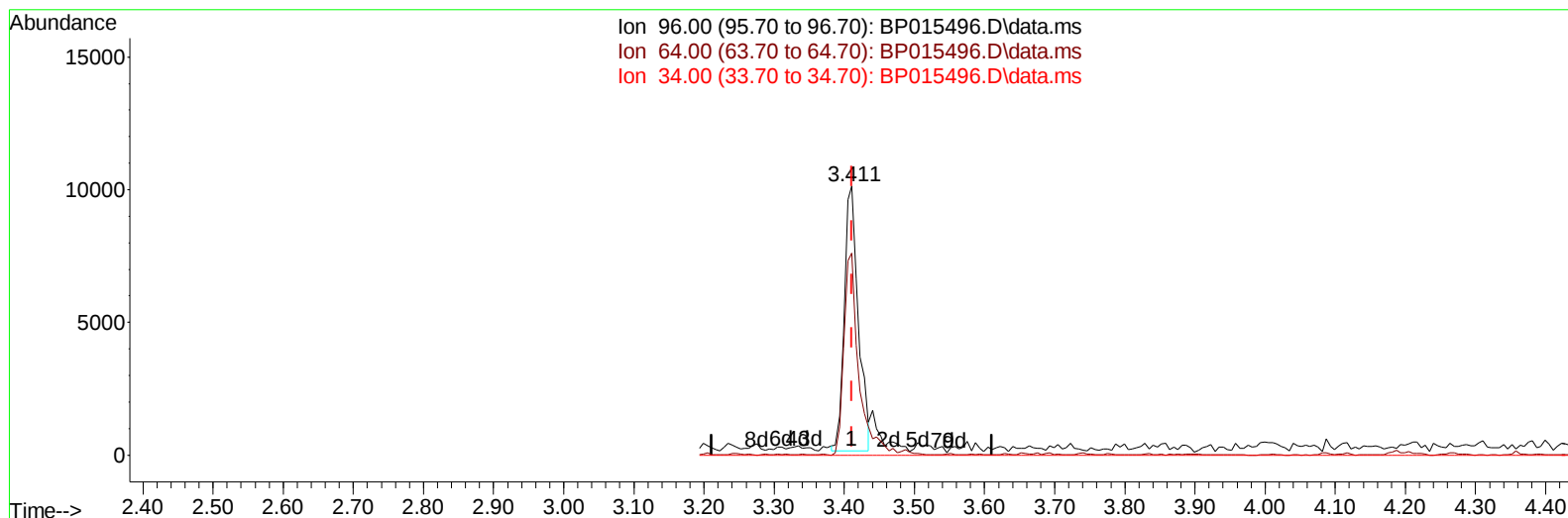
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061323\  
 Data File : BP015496.D  
 Acq On : 13 Jun 2023 15:01  
 Operator : MA/JU  
 Sample : 03078-13  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ESQY1

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:14:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 09 23:33:38 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/16/2023



TIC: BP015496.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.411min (-0.000) 3.38 ng/uL**

**response 13823**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 75.60  | 75.06  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

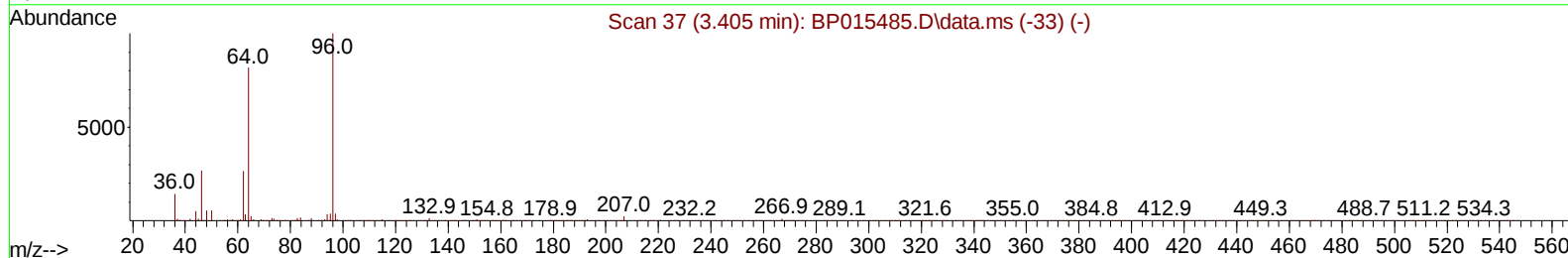
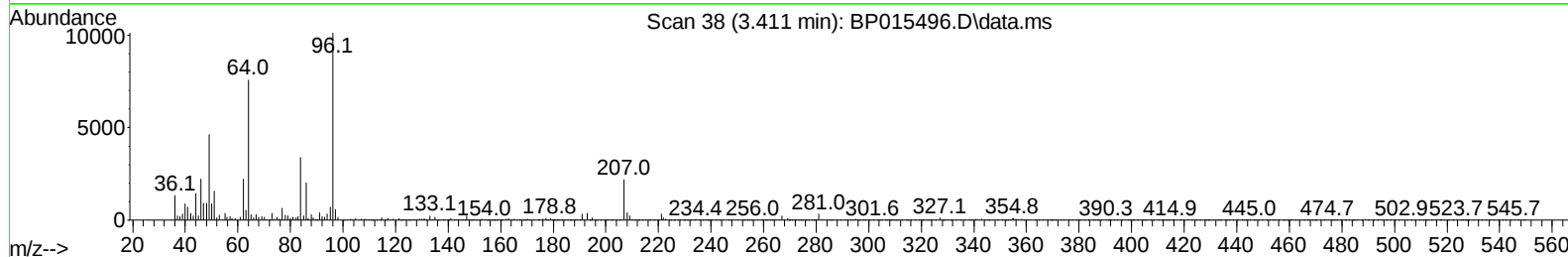
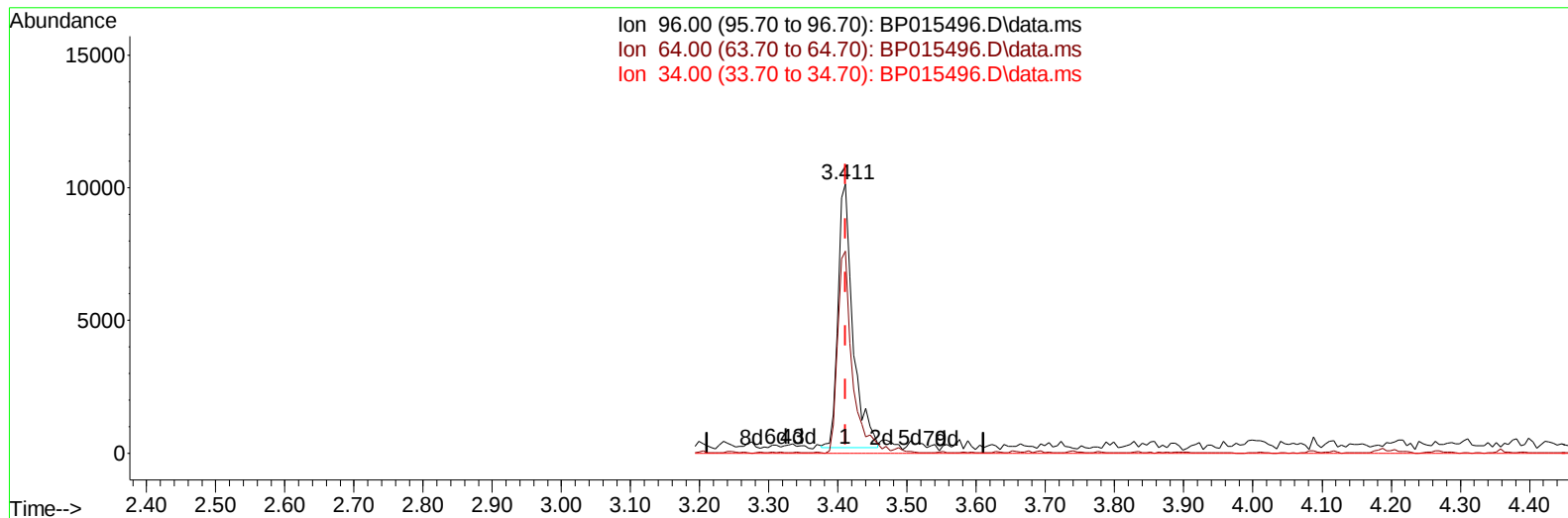
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061323\  
 Data File : BP015496.D  
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Instrument :  
 BNA\_P  
 ClientSampleId :  
 ESQY1

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:14:11 2023  
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TIC: BP015496.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.411min (-0.000) 3.61 ng/uL m**

**response 14773**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 75.60  | 75.06  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

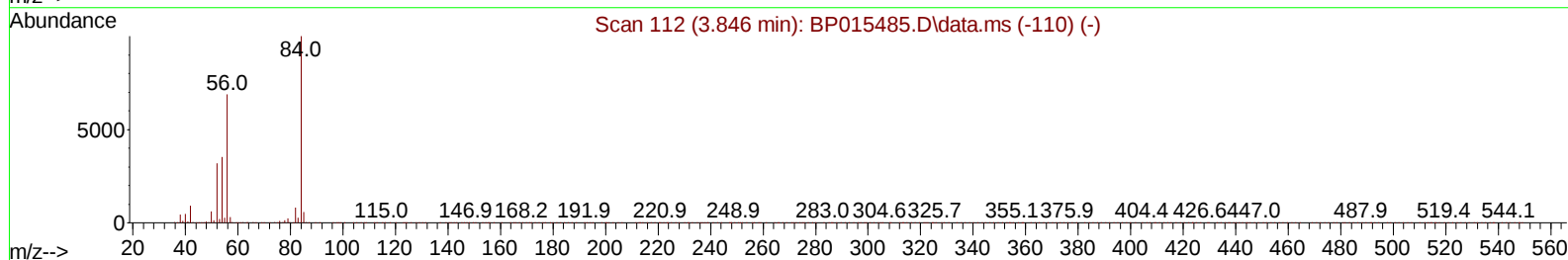
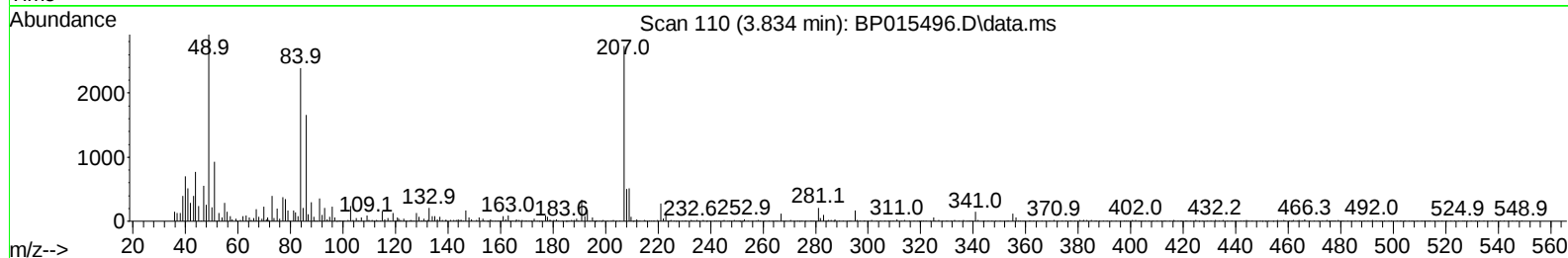
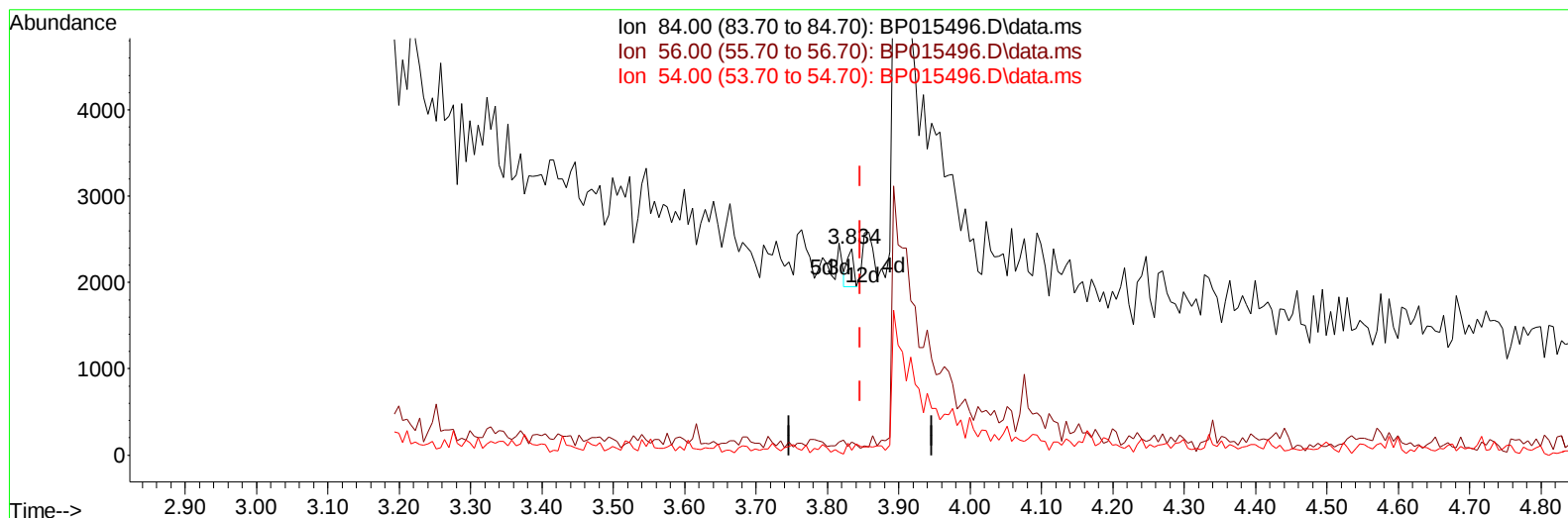
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061323\  
 Data File : BP015496.D  
 Acq On : 13 Jun 2023 15:01  
 Operator : MA/JU  
 Sample : 03078-13  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ESQY1

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:48:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 09 23:33:38 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/16/2023



TIC: BP015496.D\data.ms

**(4) Pyridine-d5 (S)**

**3.834min (-0.012) 0.03 ng/u1**

**response 277**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 65.90  | 6.27#  |
| 54.00 | 33.70  | 2.30#  |
| 0.00  | 0.00   | 0.00   |

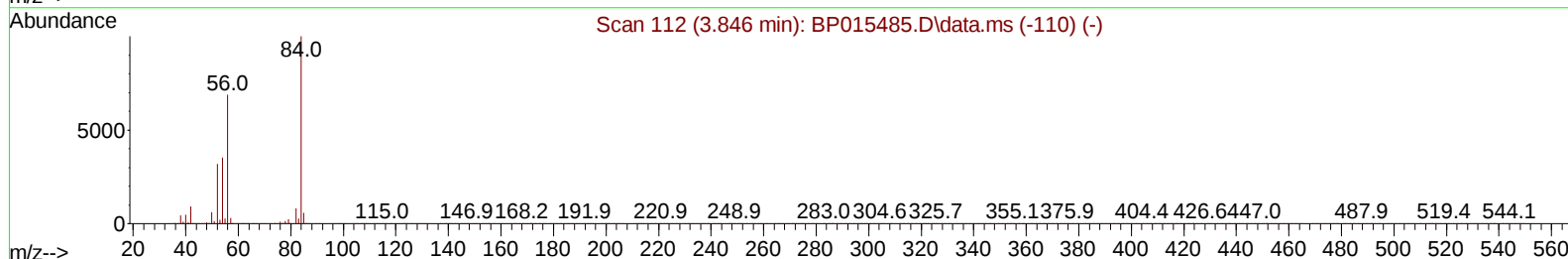
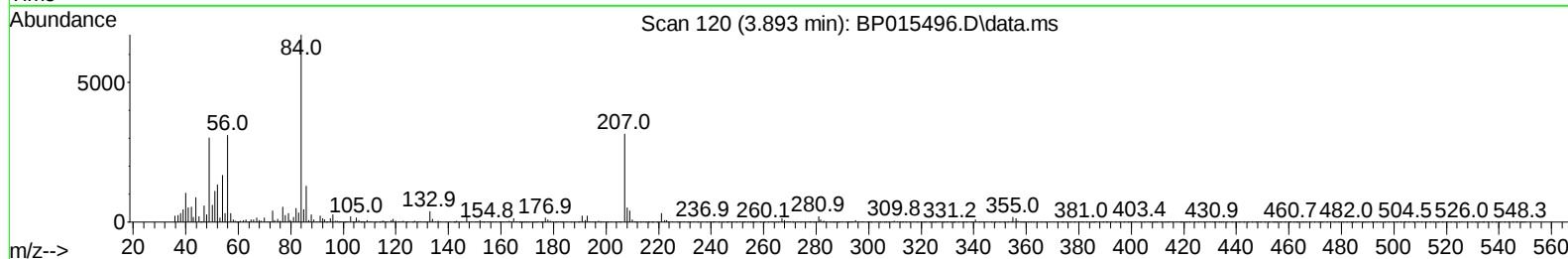
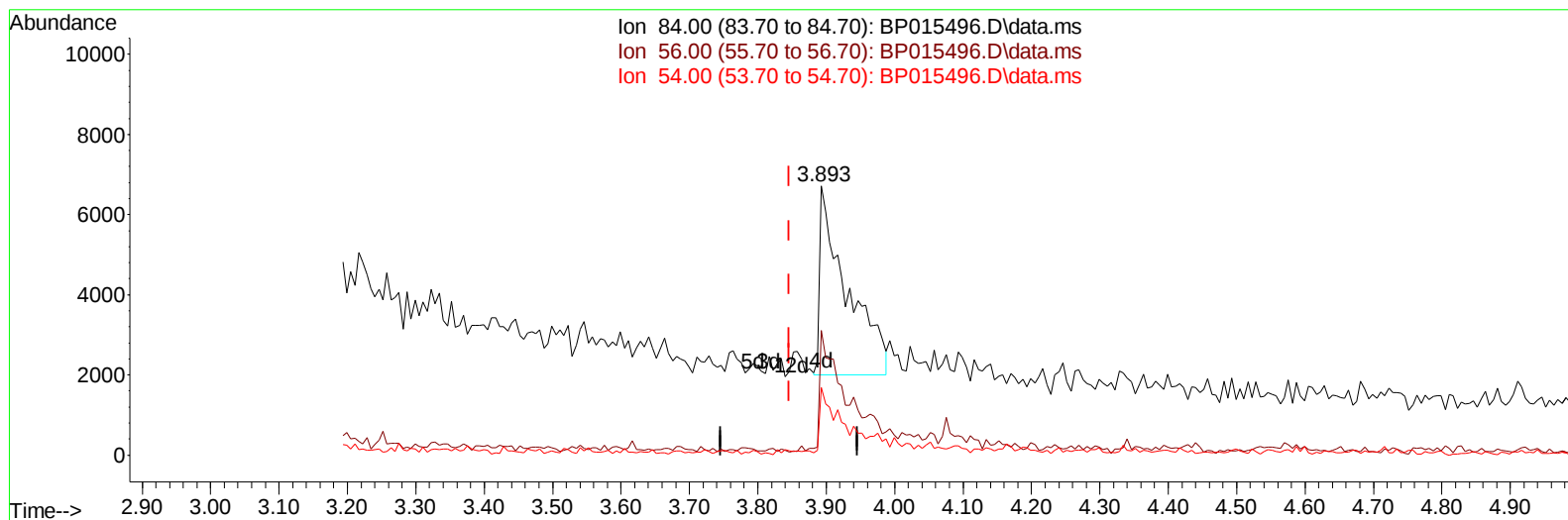
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061323\  
 Data File : BP015496.D  
 Acq On : 13 Jun 2023 15:01  
 Operator : MA/JU  
 Sample : 03078-13  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ESQY1

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:48:15 2023  
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 QLast Update : Fri Jun 09 23:33:38 2023  
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Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/16/2023



TIC: BP015496.D\data.ms

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

3.893min (+ 0.047) 1.21 ng/u1 m

response 12886

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 65.90  | 46.45# |
| 54.00 | 33.70  | 25.02# |
| 0.00  | 0.00   | 0.00   |

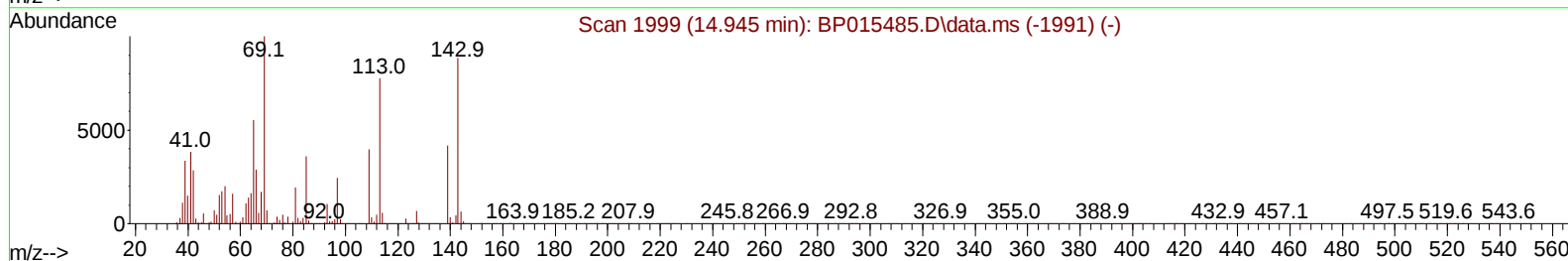
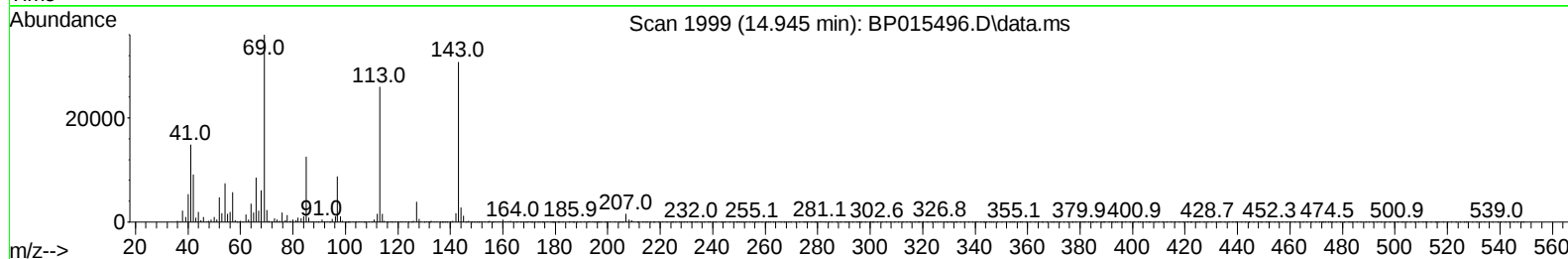
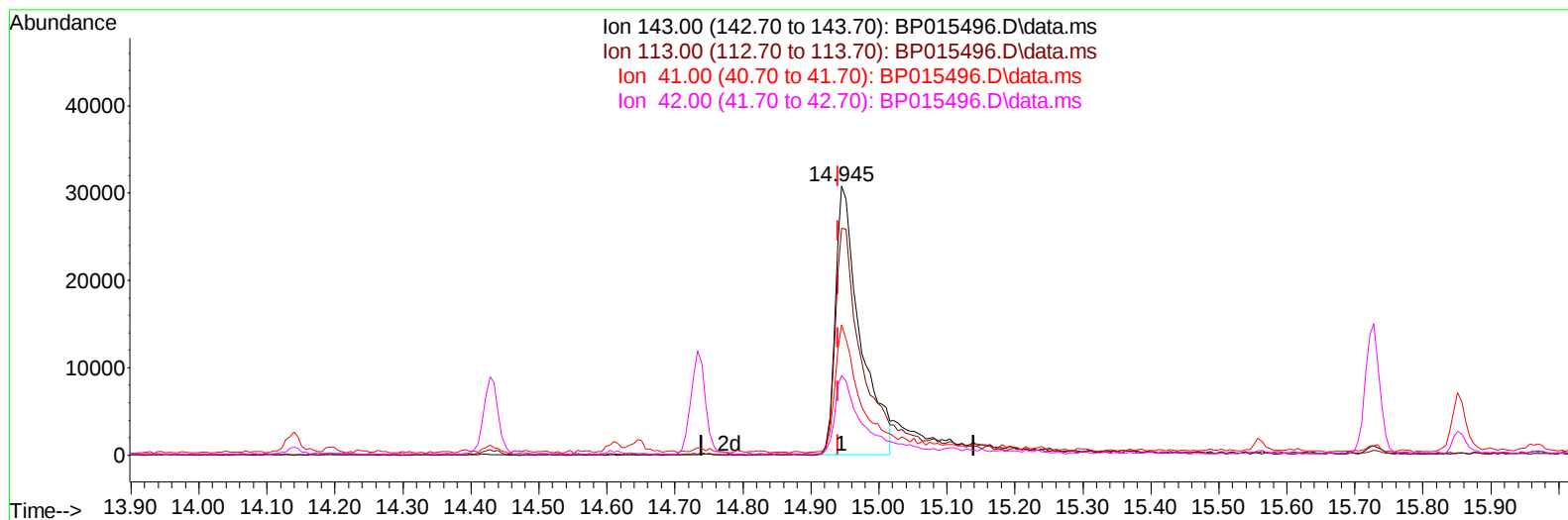
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061323\  
Data File : BP015496.D  
Acq On : 13 Jun 2023 15:01  
Operator : MA/JU  
Sample : 03078-13  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
ESQY1

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:48:15 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 09 23:33:38 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023  
Supervised By :mohammad ahmed 06/16/2023



TIC: BP015496.D\data.ms

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

**14.945min (+ 0.006) 11.32 ng/u1**

**response 77874**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 86.60  | 84.39  |
| 41.00  | 42.20  | 48.46  |
| 42.00  | 29.40  | 29.61  |

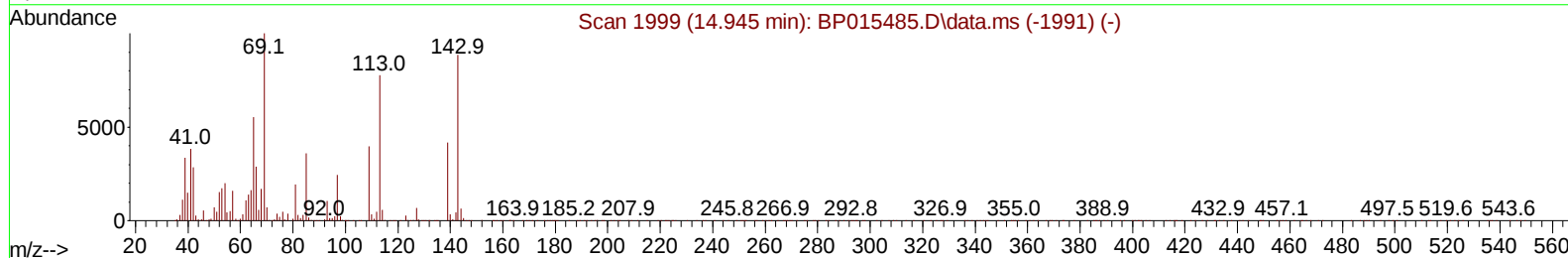
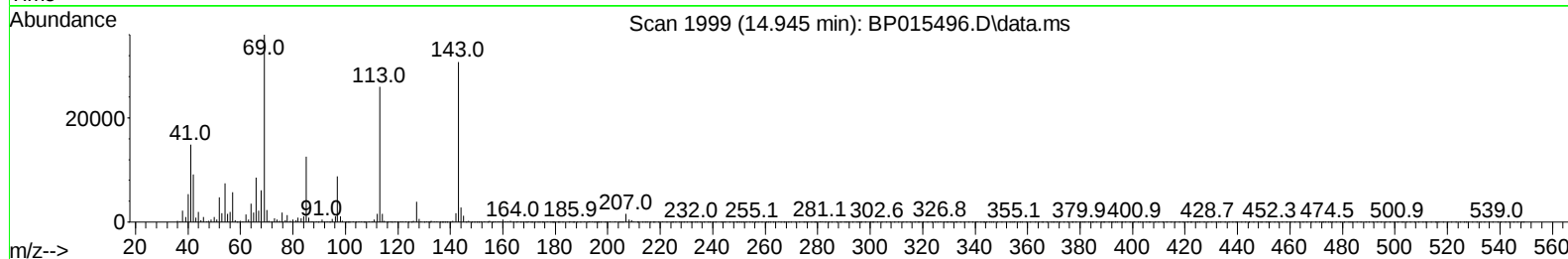
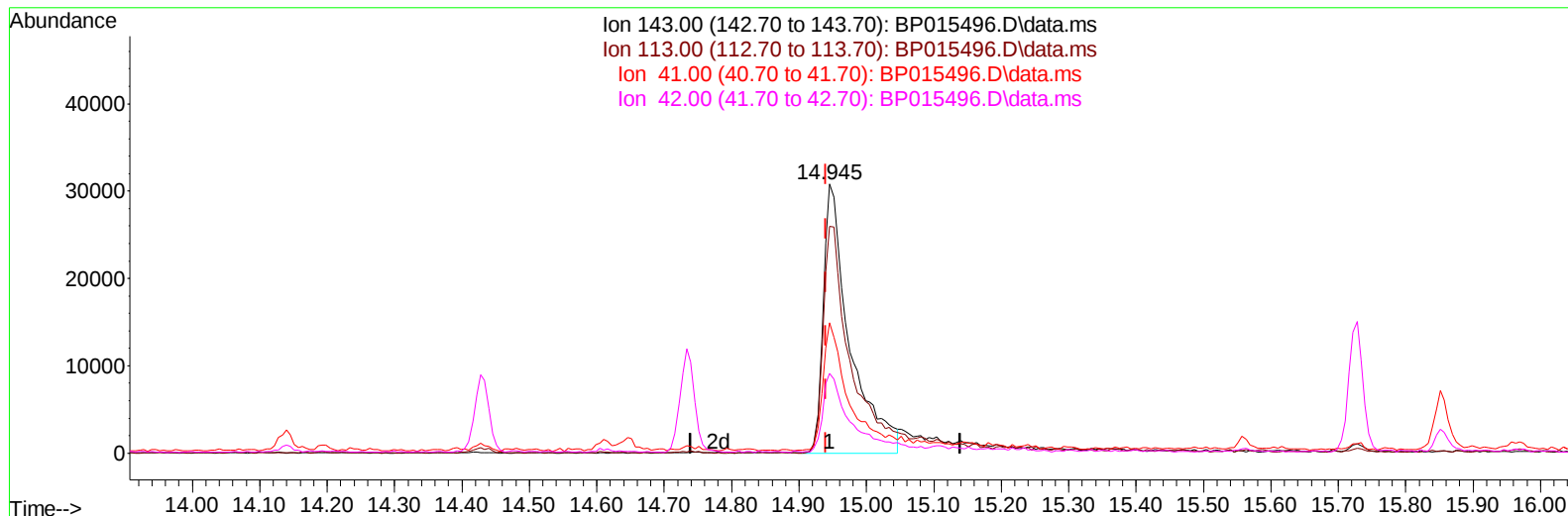
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061323\  
 Data File : BP015496.D  
 Acq On : 13 Jun 2023 15:01  
 Operator : MA/JU  
 Sample : 03078-13  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ESQY1

Manual IntegrationsAPPROVED

Quant Time: Jun 14 00:48:41 2023  
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Reviewed By :Yogesh Patel 06/14/2023  
 Supervised By :mohammad ahmed 06/16/2023



TIC: BP015496.D\data.ms

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

**14.945min (+ 0.006) 12.18 ng/ul m**

**response 83790**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 86.60  | 84.39  |
| 41.00  | 42.20  | 48.46  |
| 42.00  | 29.40  | 29.61  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061323\  
 Data File : BP015496.D  
 Acq On : 13 Jun 2023 15:01  
 Operator : MA/JU  
 Sample : 03078-13  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ESQY1

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/14/2023  
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Quant Time: Jun 14 00:49:41 2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.093  | 152  | 151494   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.916 | 136  | 710855   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.734 | 164  | 487116   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.492 | 188  | 1121574  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.575 | 240  | 1066657  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.121 | 264  | 1142263  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.411  | 96   | 14773m   | 3.611  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.893  | 84   | 12886m   | 1.213  | ng/ul  | 0.05     |
| 7) Phenol-d5                  | 7.246  | 99   | 276669   | 19.824 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.411  | 67   | 180676   | 21.676 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.616  | 132  | 217077   | 21.453 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.805  | 113  | 200048   | 17.465 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.269  | 128  | 120347   | 21.564 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.999  | 143  | 136949   | 21.488 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.540 | 165  | 231256   | 19.891 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.063 | 131  | 168065   | 10.071 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.140 | 166  | 887362   | 23.101 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.428 | 160  | 963785   | 22.946 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.945 | 143  | 83790m   | 12.181 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.728 | 176  | 766004   | 23.648 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.851 | 200  | 109080   | 15.352 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.592 | 188  | 1214149  | 23.793 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.816 | 212  | 1536918  | 26.921 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.957 | 264  | 1398816  | 24.406 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.928  | 105  | 72263    | 3.953  | ng/ul  | 99       |
| -----                         |        |      |          |        |        |          |

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

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