

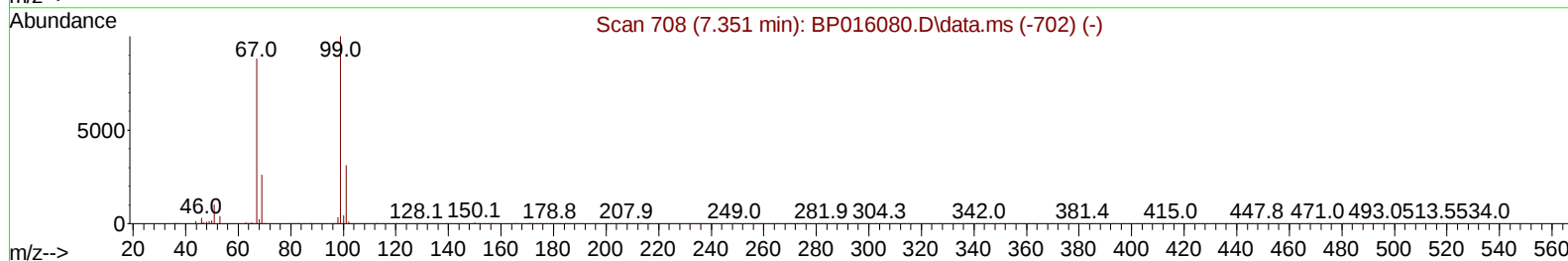
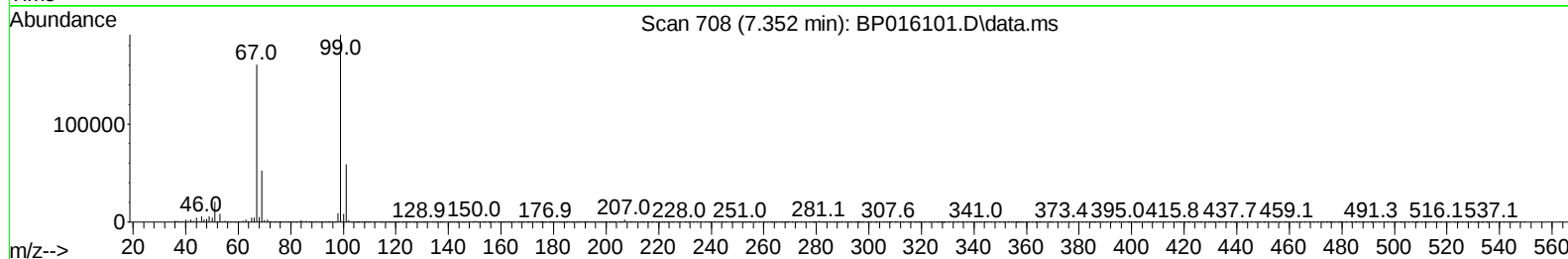
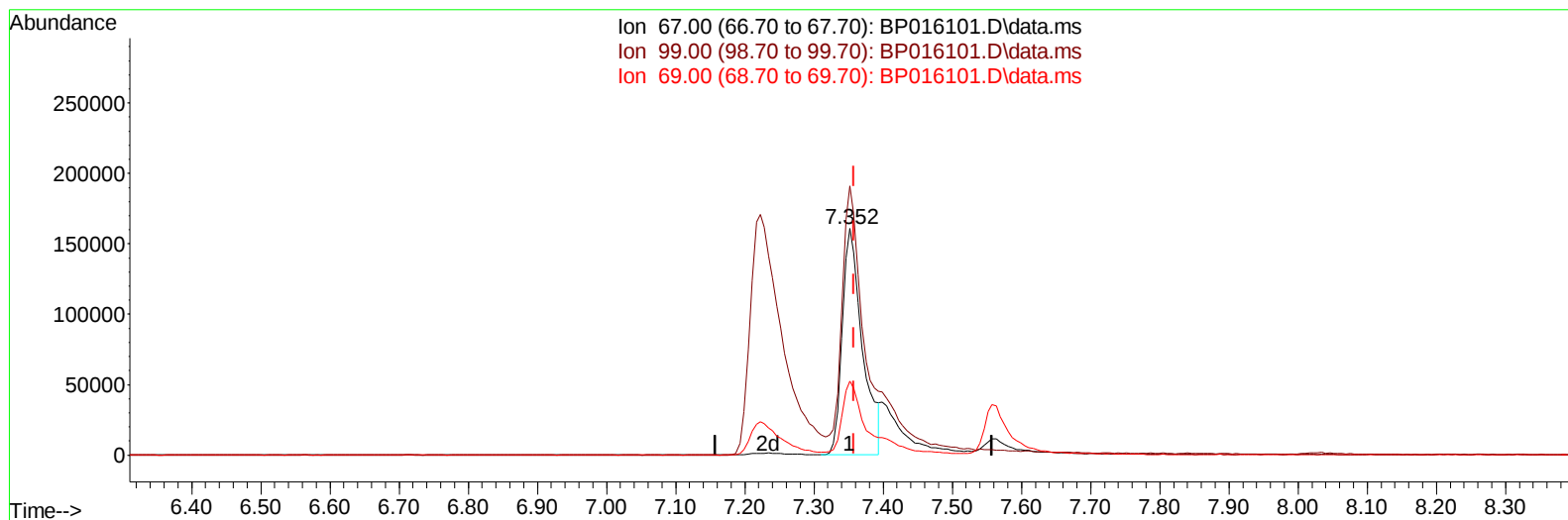
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016101.D  
 Acq On : 08 Jul 2023 20:24  
 Operator : MA/JU  
 Sample : 03332-15  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBTY8

Manual IntegrationsAPPROVED

Quant Time: Jul 08 23:48:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 08 10:11:43 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023  
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016101.D\data.ms

**(9) Bis-(2-Chloroethyl)ether-d8 (S)**

7.352min (-0.006) 28.49 ng/u1

response 326147

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 67.00 | 100.00 | 100.00 |
| 99.00 | 117.80 | 118.74 |
| 69.00 | 32.10  | 32.53  |
| 0.00  | 0.00   | 0.00   |

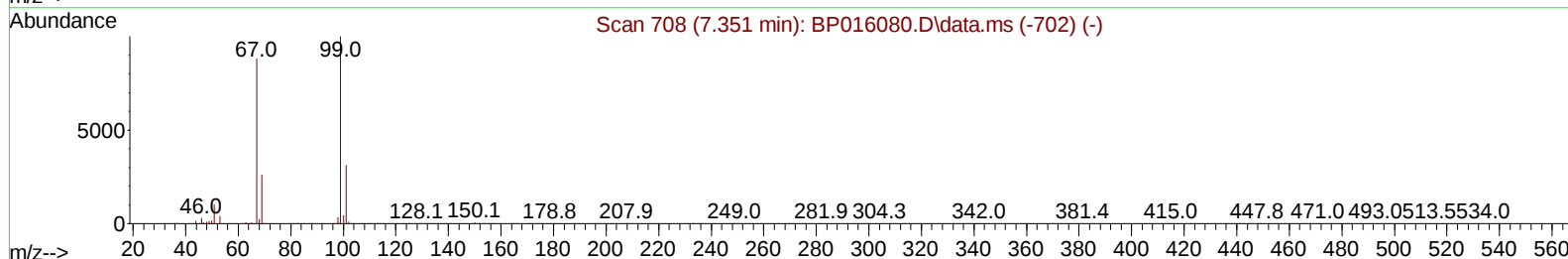
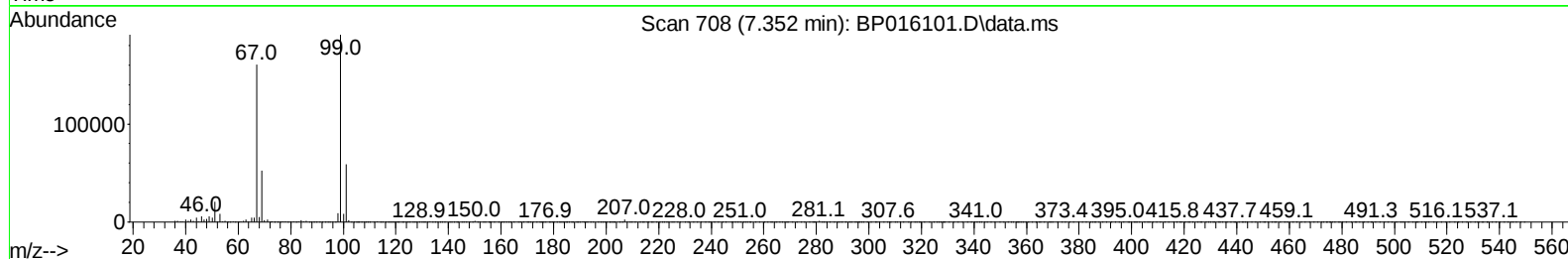
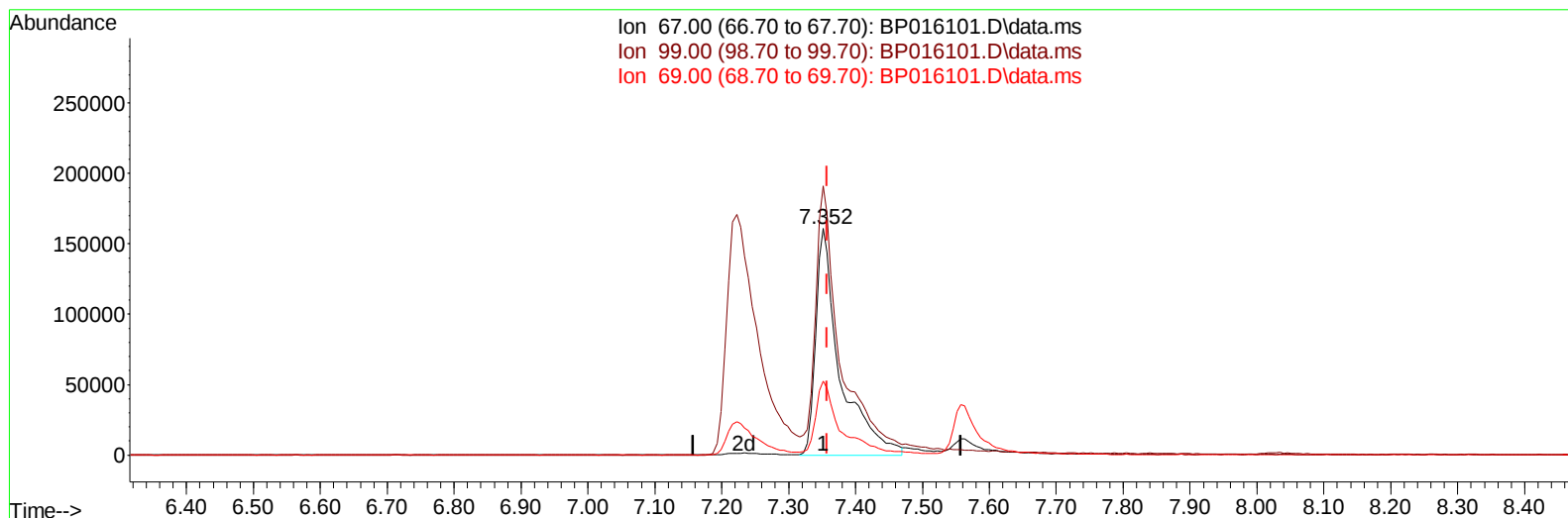
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016101.D  
 Acq On : 08 Jul 2023 20:24  
 Operator : MA/JU  
 Sample : 03332-15  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBTY8

Manual IntegrationsAPPROVED

Quant Time: Jul 08 23:48:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 08 10:11:43 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023  
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016101.D\data.ms

**(9) Bis-(2-Chloroethyl)ether-d8 (S)**

7.352min (-0.006) 35.44 ng/ul m

response 405712

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 67.00 | 100.00 | 100.00 |
| 99.00 | 117.80 | 118.74 |
| 69.00 | 32.10  | 32.53  |
| 0.00  | 0.00   | 0.00   |

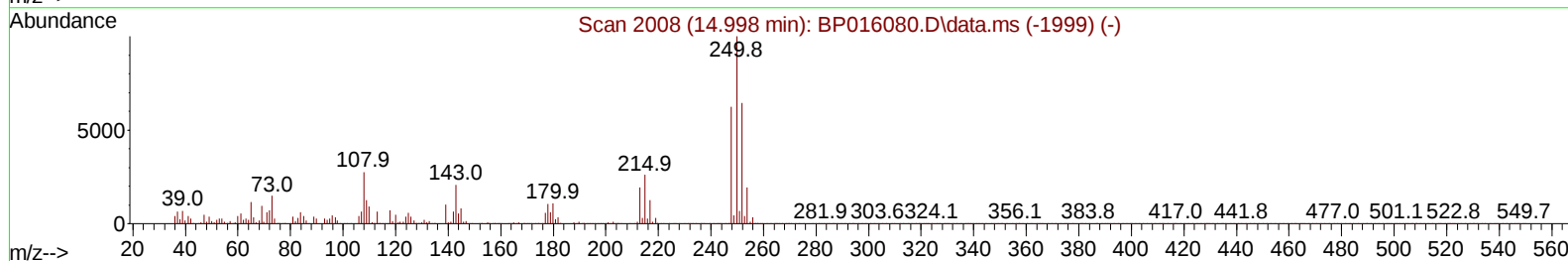
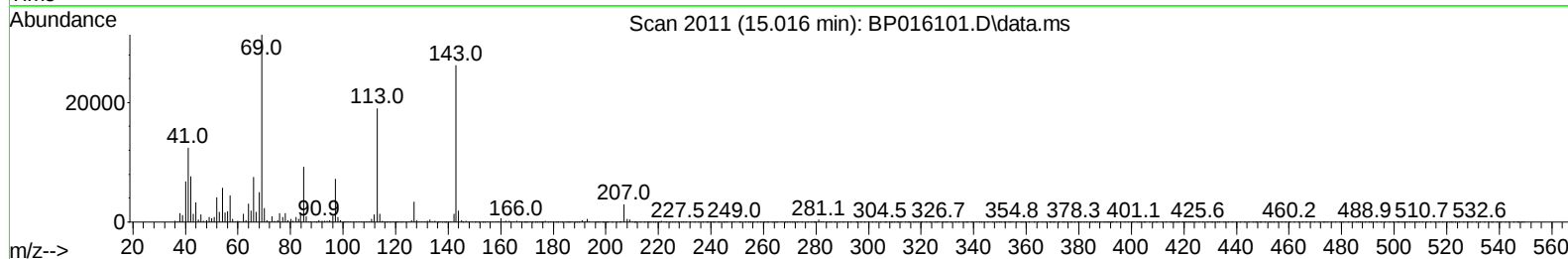
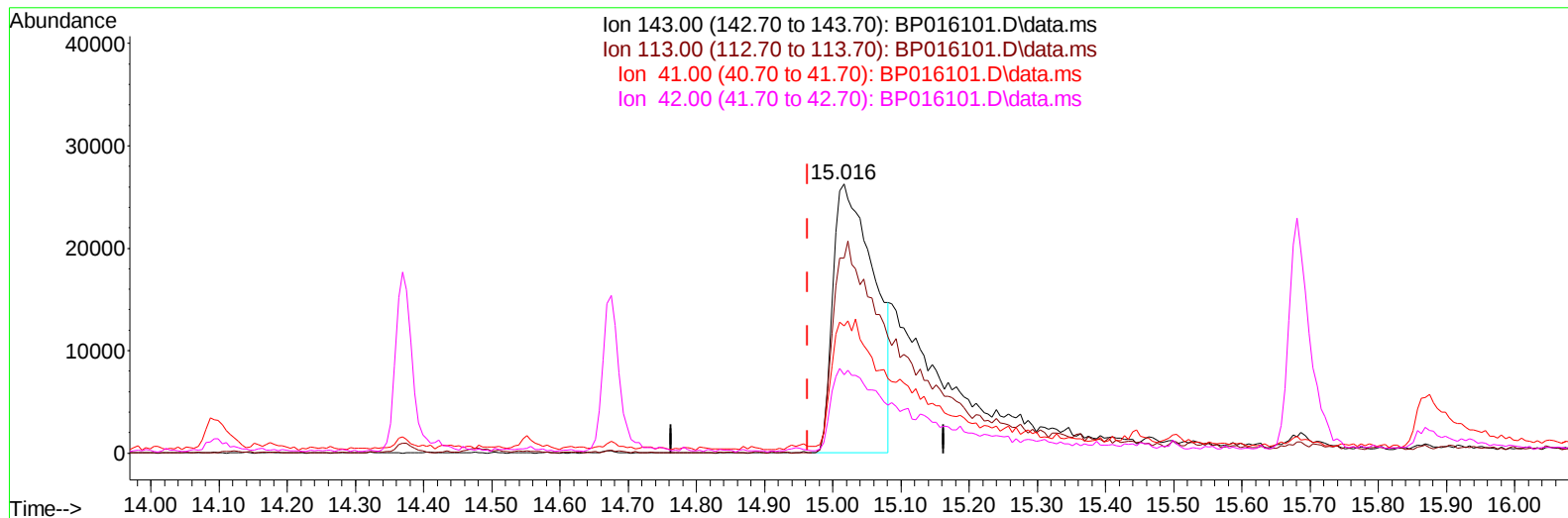
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016101.D  
Acq On : 08 Jul 2023 20:24  
Operator : MA/JU  
Sample : 03332-15  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBTY8

Manual IntegrationsAPPROVED

Quant Time: Jul 09 00:01:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Jul 08 10:11:43 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023  
Supervised By :mohammad ahmed 07/10/2023



TIC: BP016101.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.016min (+ 0.053) 16.62 ng/u1

response 110261

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 94.00  | 72.53# |
| 41.00  | 45.70  | 47.35  |
| 42.00  | 31.20  | 29.24  |

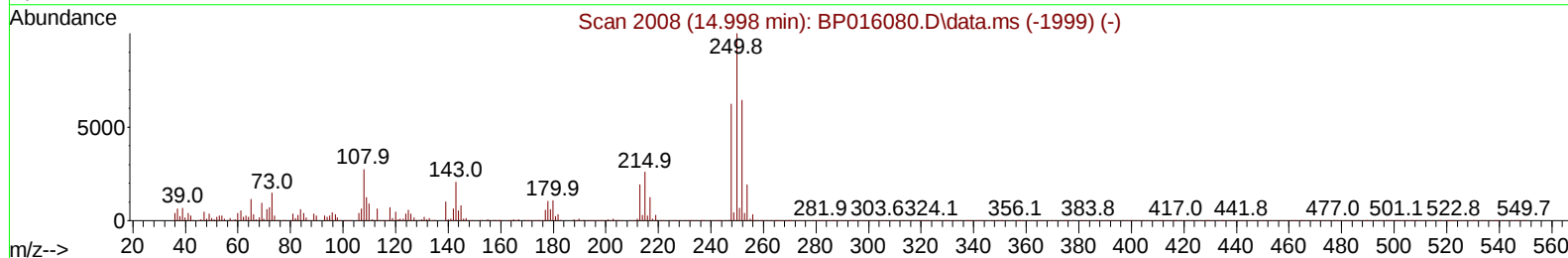
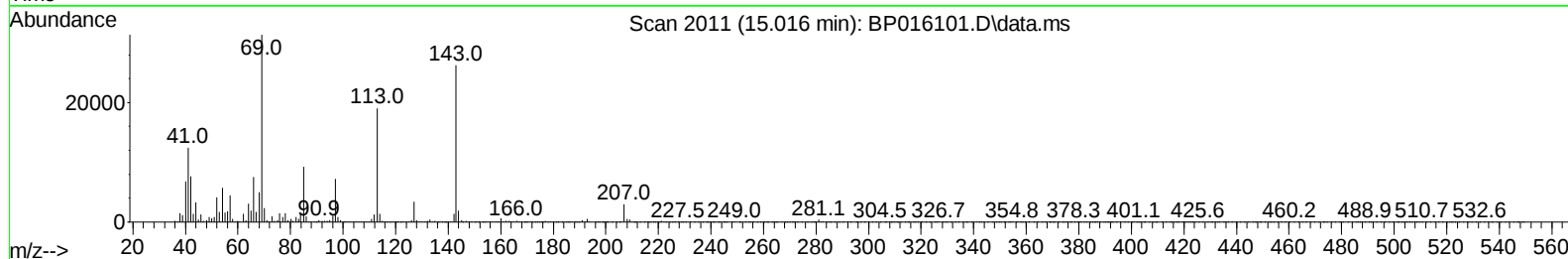
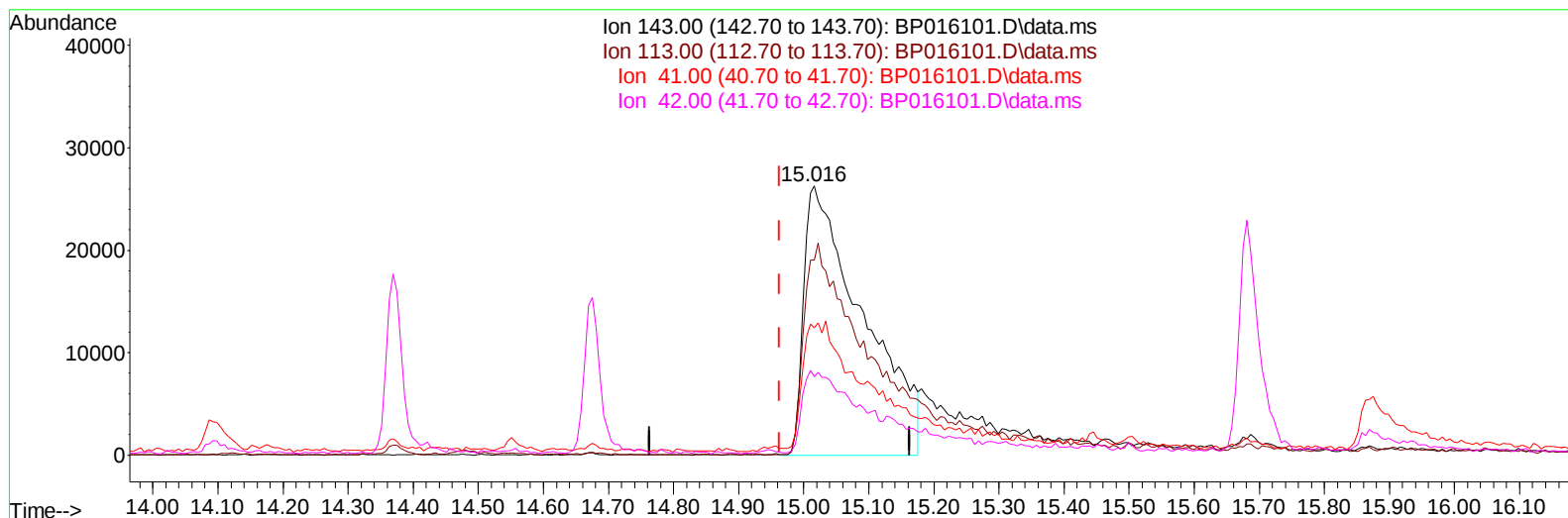
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016101.D  
Acq On : 08 Jul 2023 20:24  
Operator : MA/JU  
Sample : 03332-15  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBTY8

Manual IntegrationsAPPROVED

Quant Time: Jul 09 00:01:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Jul 08 10:11:43 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023  
Supervised By :mohammad ahmed 07/10/2023



TIC: BP016101.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.016min (+ 0.053) 25.02 ng/ul m

response 166021

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 94.00  | 72.53# |
| 41.00  | 45.70  | 47.35  |
| 42.00  | 31.20  | 29.24  |

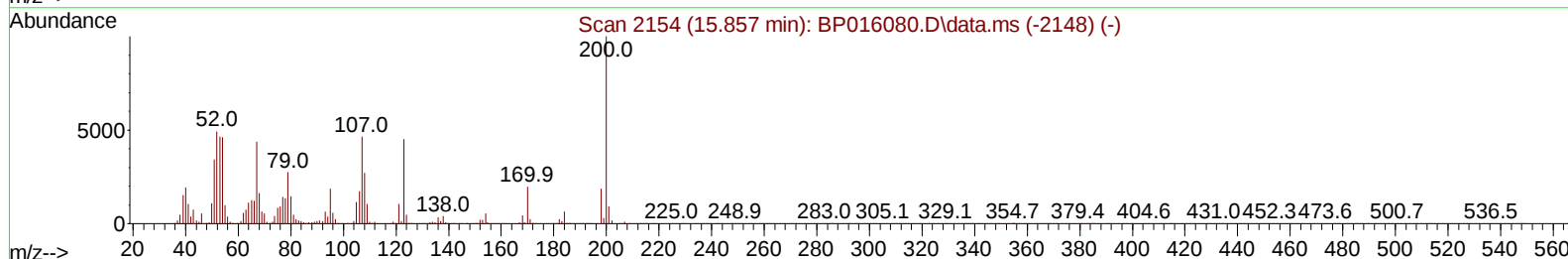
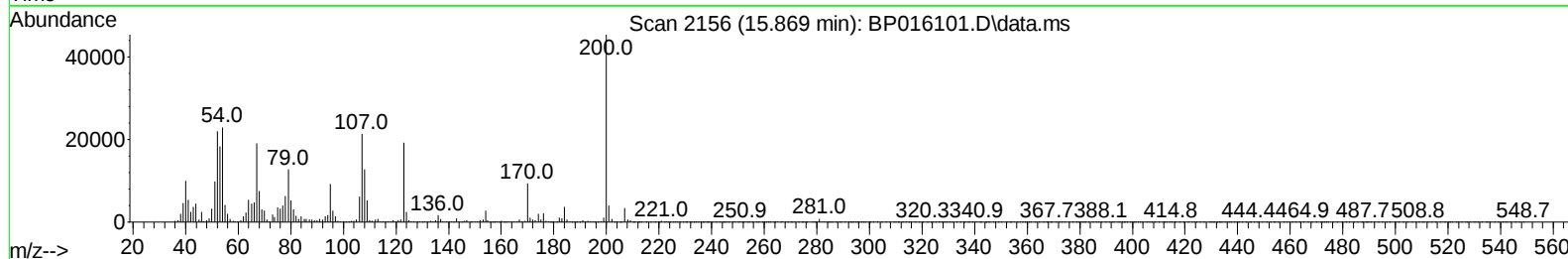
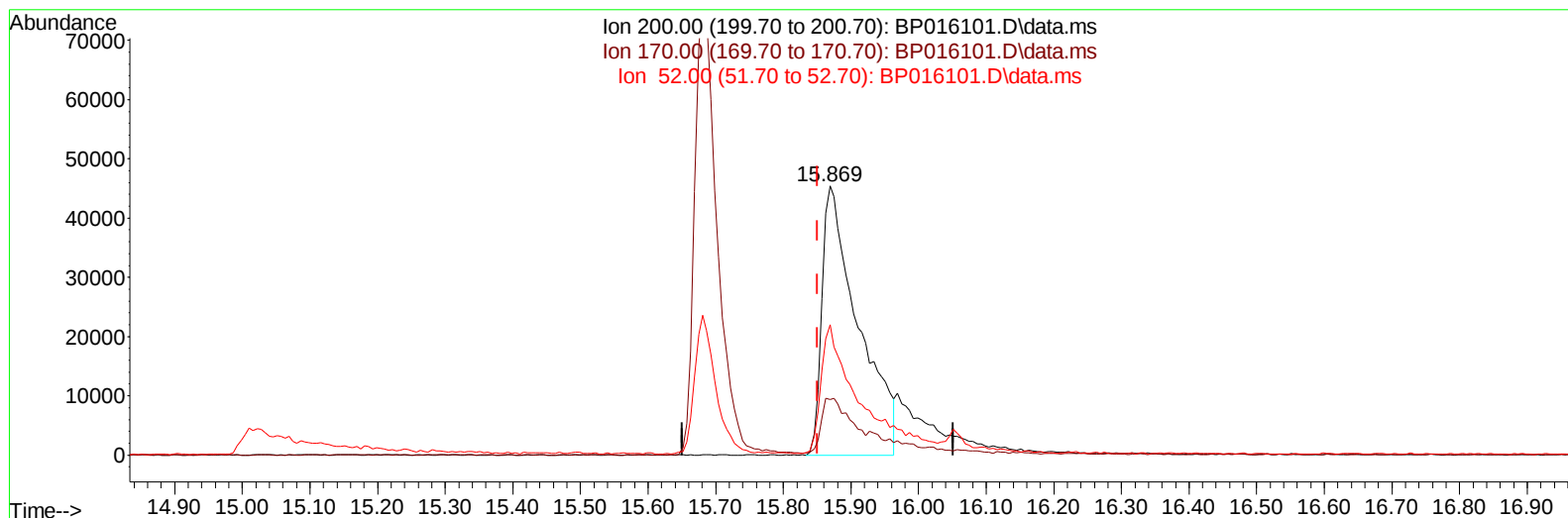
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016101.D  
Acq On : 08 Jul 2023 20:24  
Operator : MA/JU  
Sample : 03332-15  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBTY8

Manual IntegrationsAPPROVED

Quant Time: Jul 09 00:01:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 07/10/2023  
Supervised By :mohammad ahmed 07/10/2023



TIC: BP016101.D\data.ms

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

15.869min (+ 0.018) 18.49 ng/u1

response 168605

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 24.30  | 20.63  |
| 52.00  | 52.20  | 48.52  |
| 0.00   | 0.00   | 0.00   |

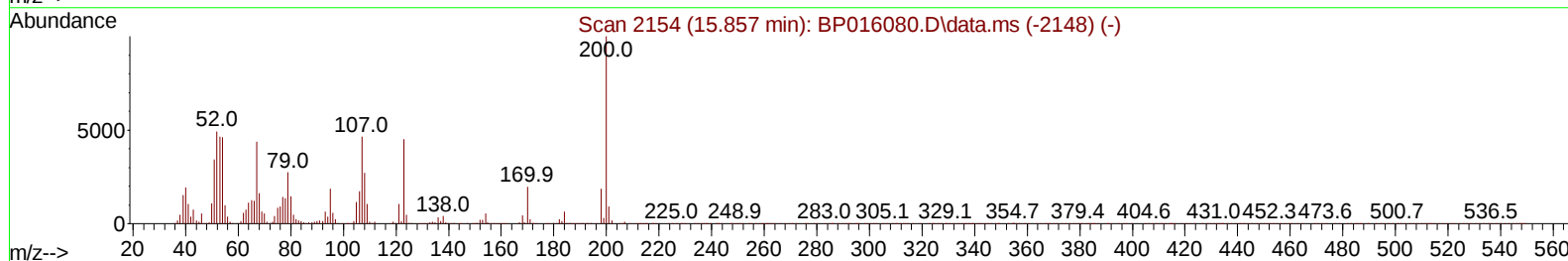
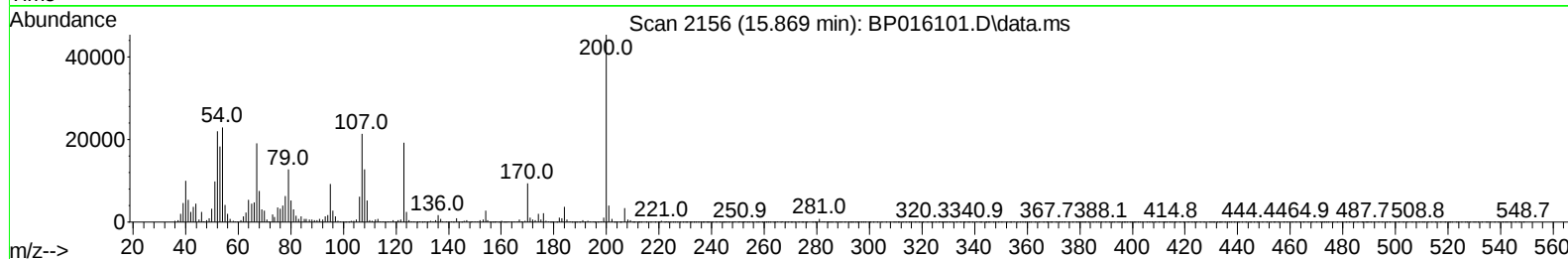
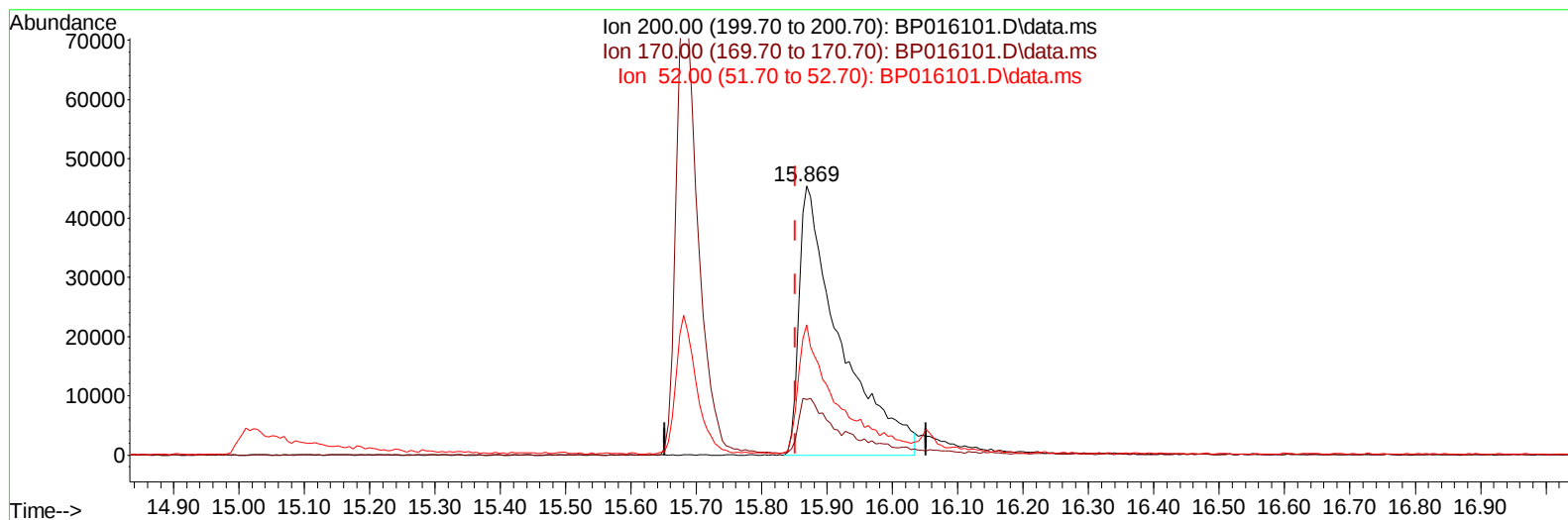
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016101.D  
Acq On : 08 Jul 2023 20:24  
Operator : MA/JU  
Sample : 03332-15  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBTY8

Manual IntegrationsAPPROVED

Quant Time: Jul 09 00:01:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Jul 08 10:11:43 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023  
Supervised By :mohammad ahmed 07/10/2023



TIC: BP016101.D\data.ms

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

15.869min (+ 0.018) 21.47 ng/ul m

response 195733

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 24.30  | 20.63  |
| 52.00  | 52.20  | 48.52  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016101.D  
 Acq On : 08 Jul 2023 20:24  
 Operator : MA/JU  
 Sample : 03332-15  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBTY8

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2023  
 Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 09 00:03:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 08 10:11:43 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.022  | 152  | 216276   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.851 | 136  | 986426   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.675 | 164  | 650436   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.439 | 188  | 1482404  | 20.000 | ng/ul | # 0.00   |
| 79) Chrysene-d12              | 21.545 | 240  | 1387990  | 20.000 | ng/ul | # 0.00   |
| 88) Perylene-d12              | 24.074 | 264  | 1416095  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.346  | 96   | 30312    | 5.043  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.799  | 84   | 389369   | 25.696 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.222  | 99   | 551302   | 29.792 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.352  | 67   | 405712m  | 35.438 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.558  | 132  | 458461   | 32.820 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.775  | 113  | 502792   | 34.394 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.228  | 128  | 240070   | 31.845 | ng/ul | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.963  | 143  | 260985   | 29.662 | ng/ul | 0.02     |
| 28) 2,4-Dichlorophenol-d3     | 10.546 | 165  | 361311   | 23.044 | ng/ul | 0.04     |
| 31) 4-Chloroaniline-d4        | 11.051 | 131  | 615715   | 30.570 | ng/ul | 0.03     |
| 46) Dimethylphthalate-d6      | 14.092 | 166  | 1776120  | 35.329 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.369 | 160  | 1917958  | 33.937 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.016 | 143  | 166021m  | 25.025 | ng/ul | 0.05     |
| 60) Fluorene-d10              | 15.681 | 176  | 1484964  | 35.873 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.869 | 200  | 195733m  | 21.470 | ng/ul | 0.02     |
| 73) Anthracene-d10            | 17.545 | 188  | 2333721  | 34.465 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.775 | 212  | 2874947  | 31.721 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.904 | 264  | 2472136  | 34.607 | ng/ul | 0.00     |

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016101.D  
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Operator : MA/JU  
Sample : 03332-15  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBTY8

Manual IntegrationsAPPROVED

Quant Time: Jul 09 00:03:38 2023  
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