

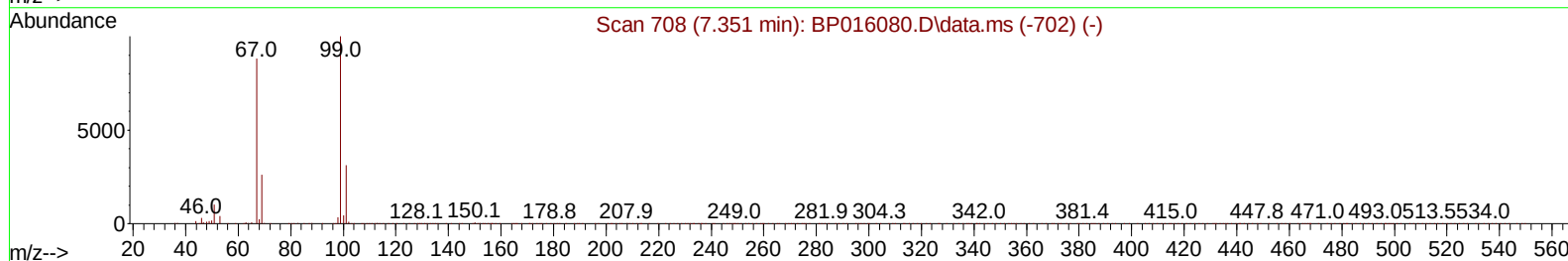
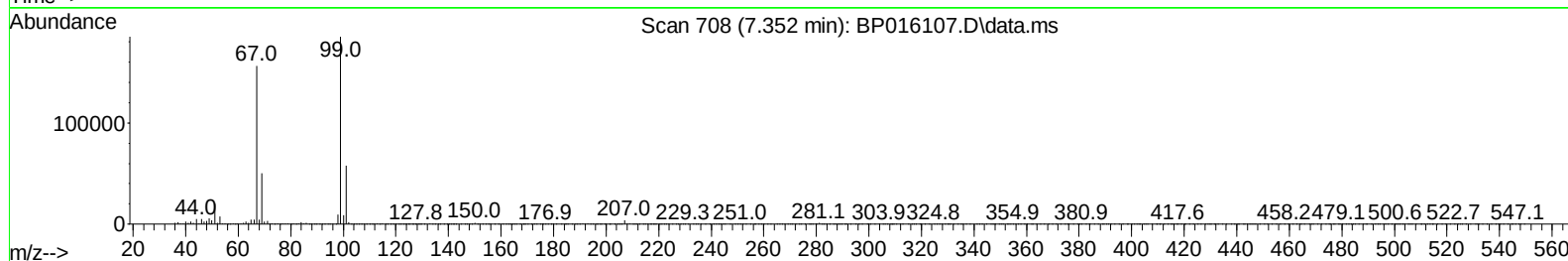
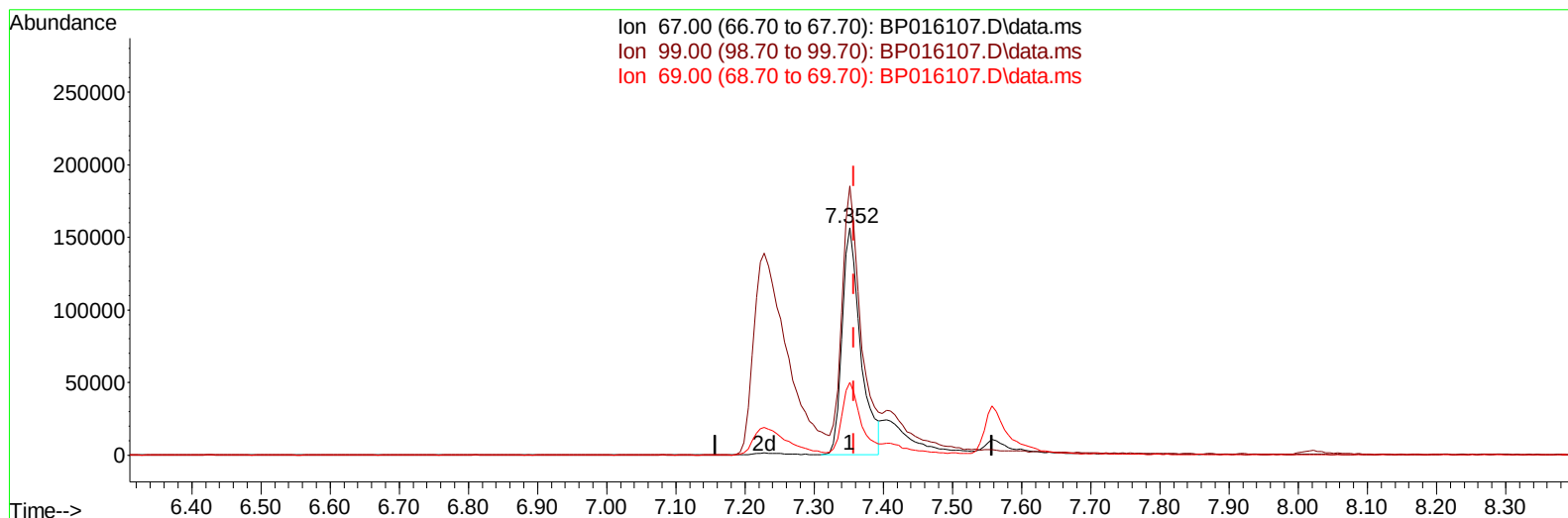
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016107.D  
 Acq On : 08 Jul 2023 23:48  
 Operator : MA/JU  
 Sample : 03350-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBW26

Manual IntegrationsAPPROVED

Quant Time: Jul 09 01:44:13 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: BP016107.D\data.ms

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

7.352min (-0.006) 14.04 ng/uL

response 289536

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 67.00 | 100.00 | 100.00 |
| 99.00 | 117.80 | 118.40 |
| 69.00 | 32.10  | 32.02  |
| 0.00  | 0.00   | 0.00   |

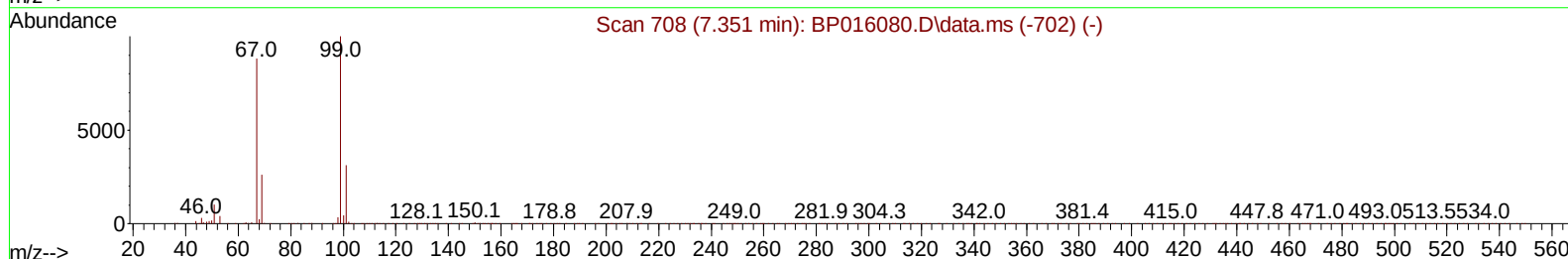
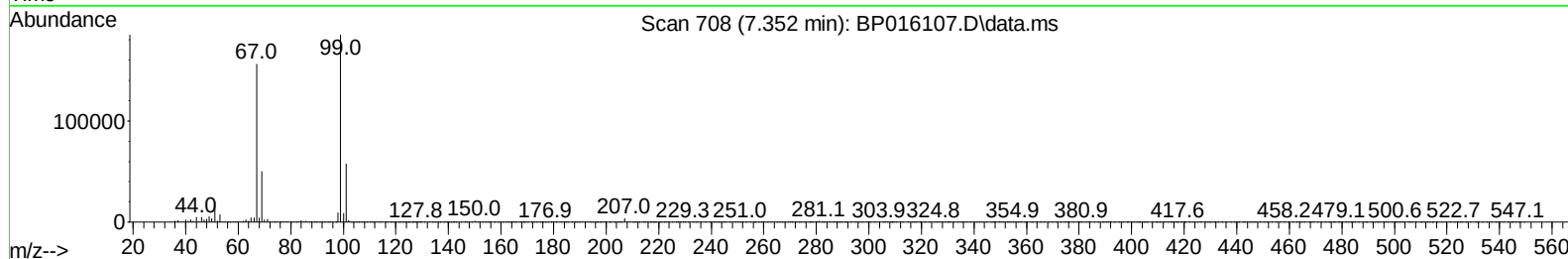
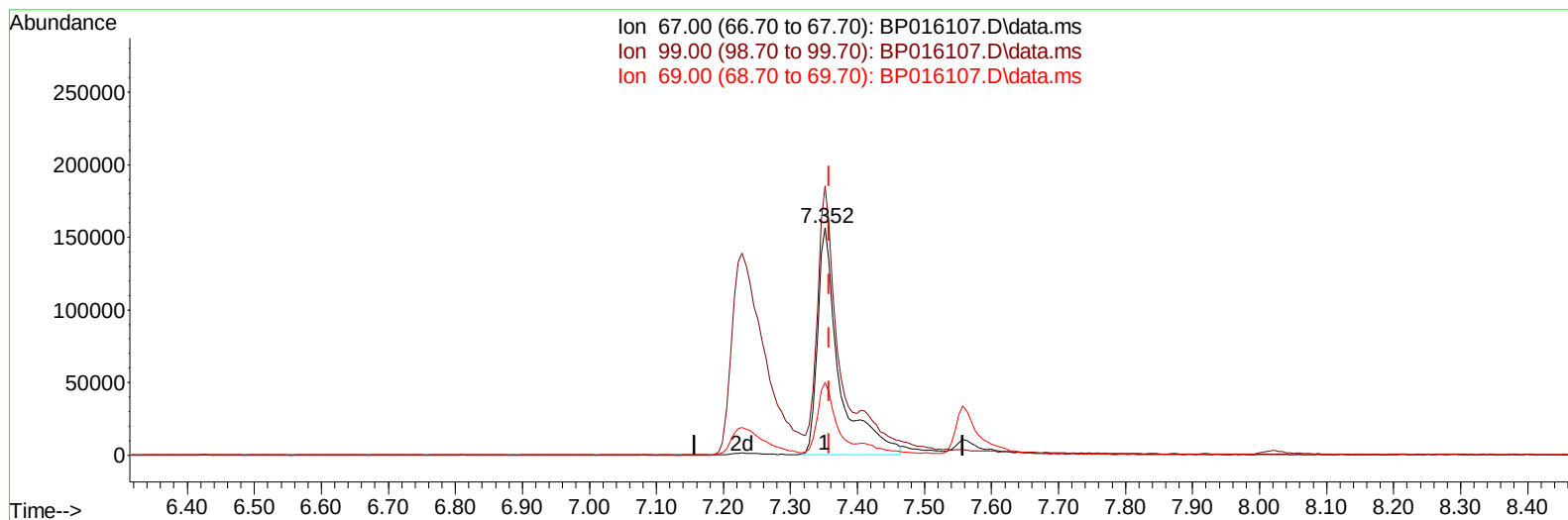
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016107.D  
 Acq On : 08 Jul 2023 23:48  
 Operator : MA/JU  
 Sample : 03350-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Jul 09 01:44:13 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: BP016107.D\data.ms

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

7.352min (-0.006) 17.21 ng/ul m

response 354987

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 67.00 | 100.00 | 100.00 |
| 99.00 | 117.80 | 118.40 |
| 69.00 | 32.10  | 32.02  |
| 0.00  | 0.00   | 0.00   |

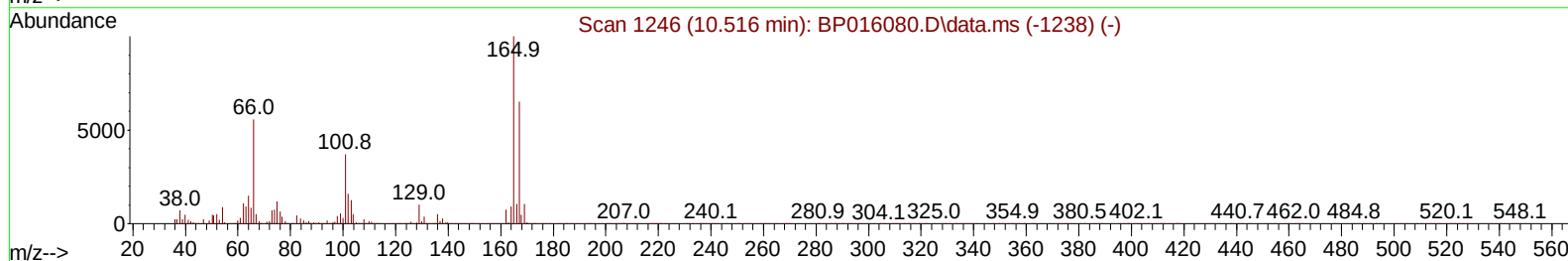
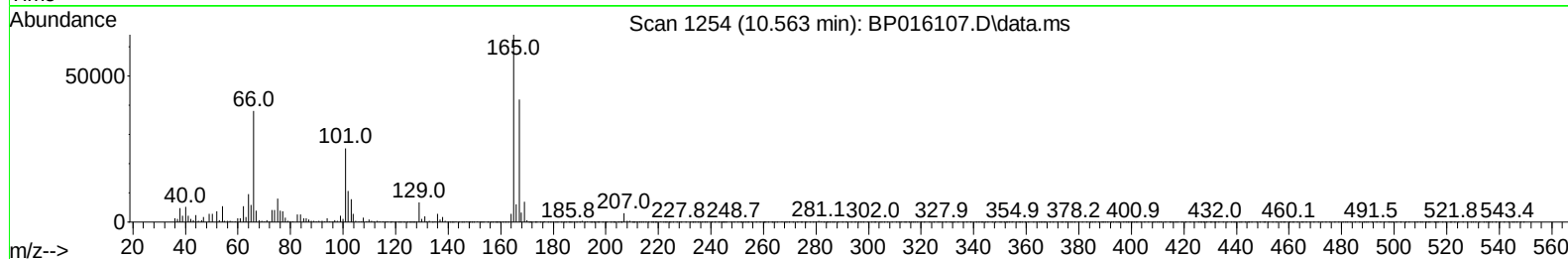
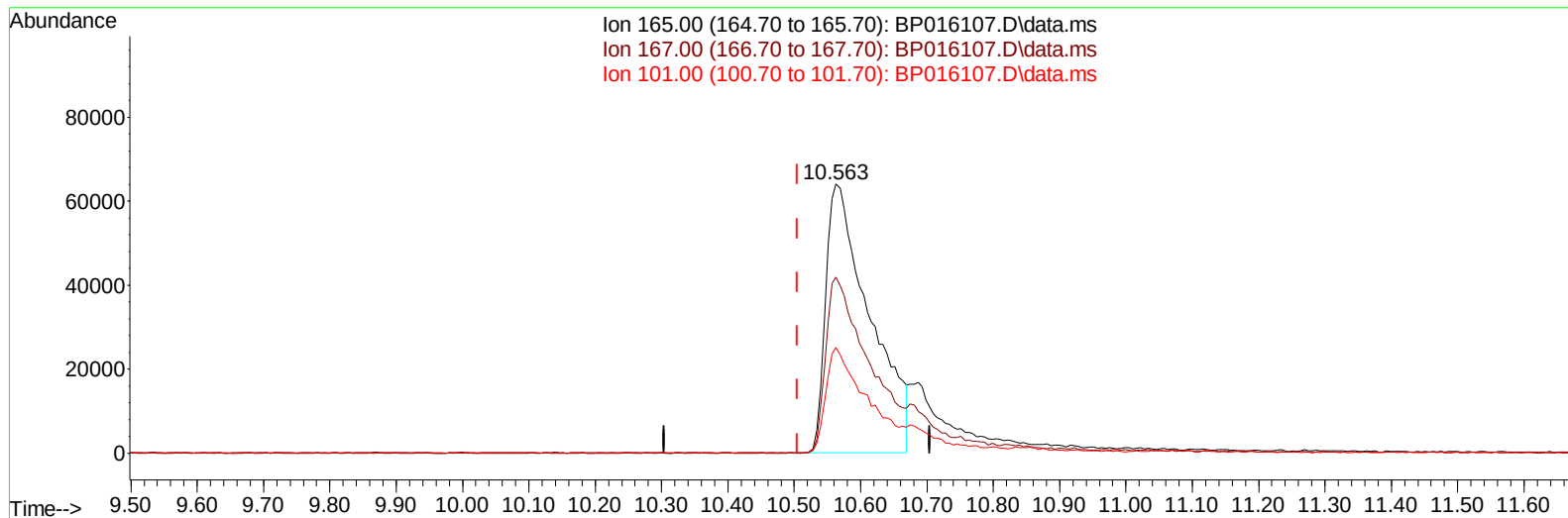
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016107.D  
Acq On : 08 Jul 2023 23:48  
Operator : MA/JU  
Sample : 03350-01  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBW26

Manual IntegrationsAPPROVED

Quant Time: Jul 09 01:44:13 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: BP016107.D\data.ms

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

10.563min (+ 0.059) 10.96 ng/ul

response 294025

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 66.20  | 65.55  |
| 101.00 | 37.30  | 39.39  |
| 0.00   | 0.00   | 0.00   |

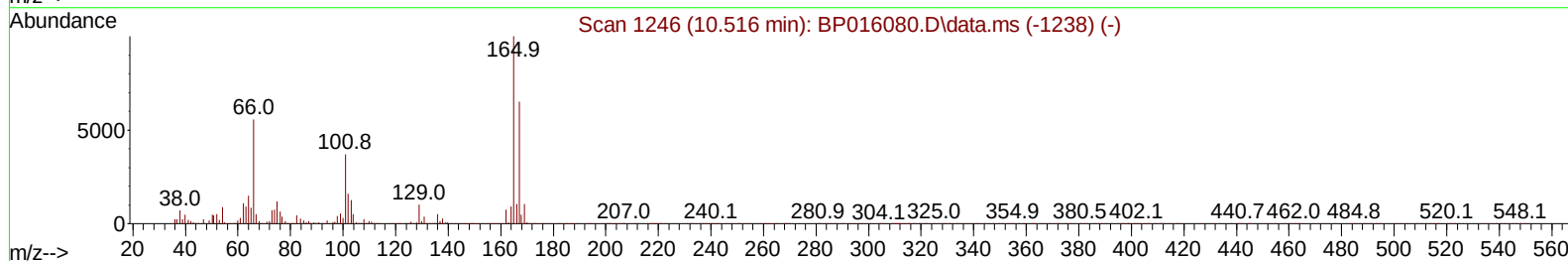
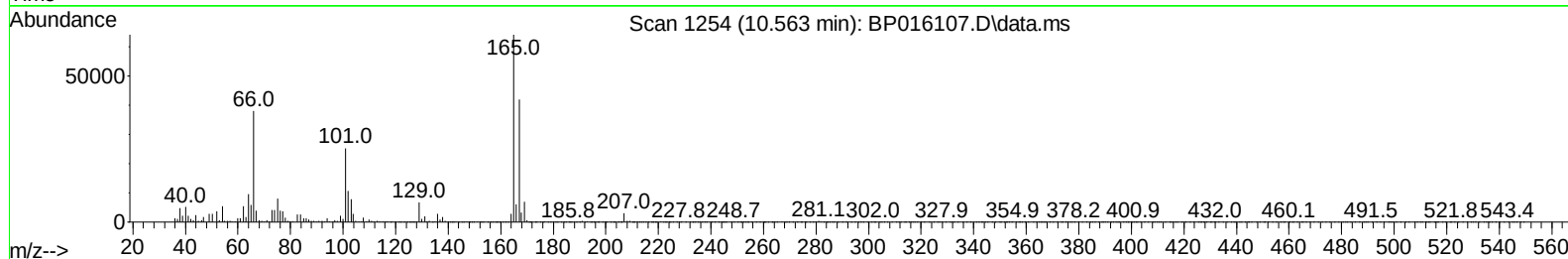
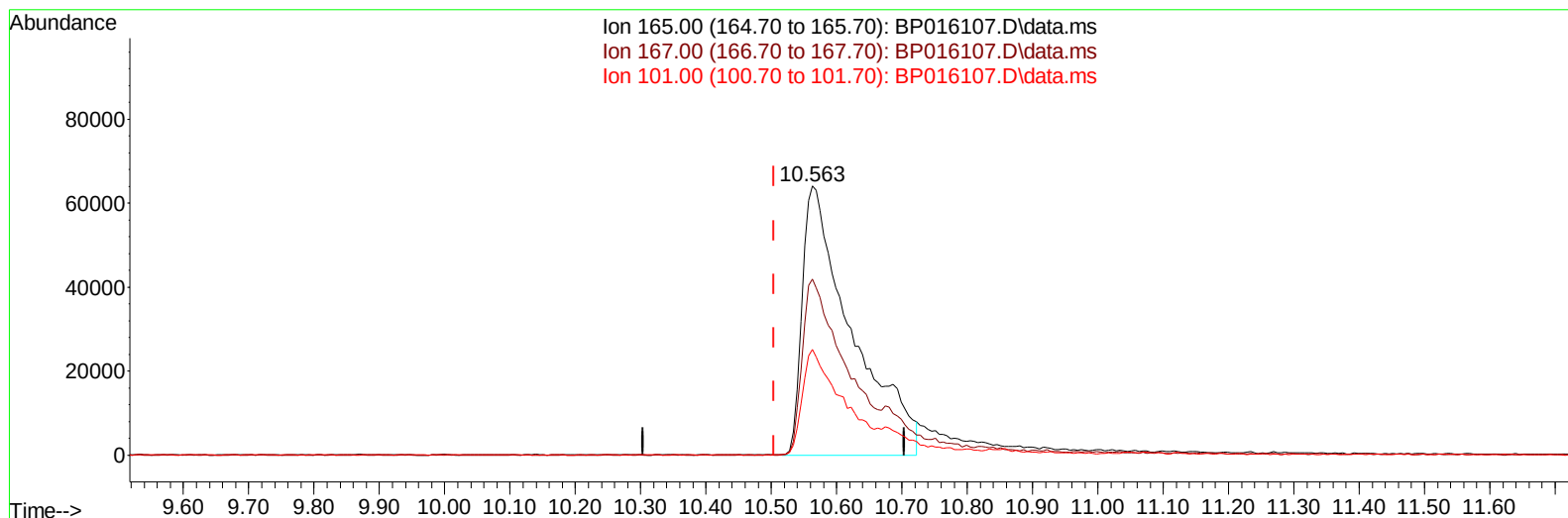
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016107.D  
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 Operator : MA/JU  
 Sample : 03350-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBW26

Manual IntegrationsAPPROVED

Quant Time: Jul 09 01:44:13 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  
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Reviewed By :Yogesh Patel 07/10/2023  
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016107.D\data.ms

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

10.563min (+ 0.059) 12.48 ng/ul m

response 334830

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 66.20  | 65.55  |
| 101.00 | 37.30  | 39.39  |
| 0.00   | 0.00   | 0.00   |

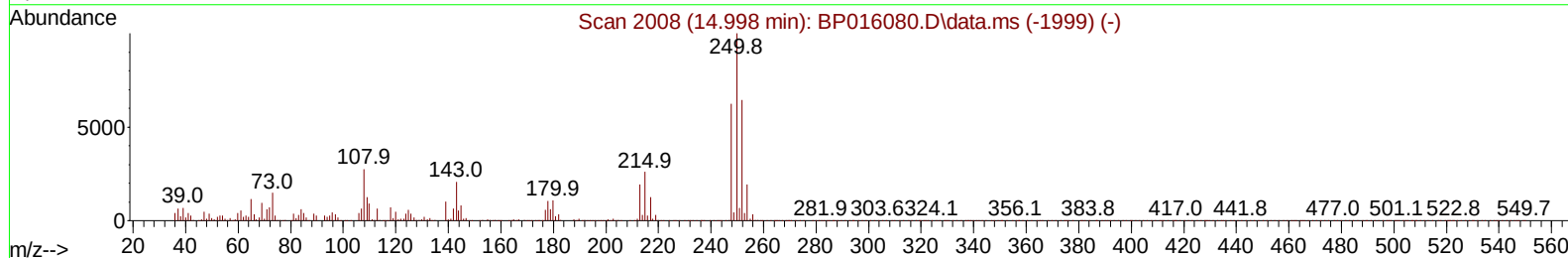
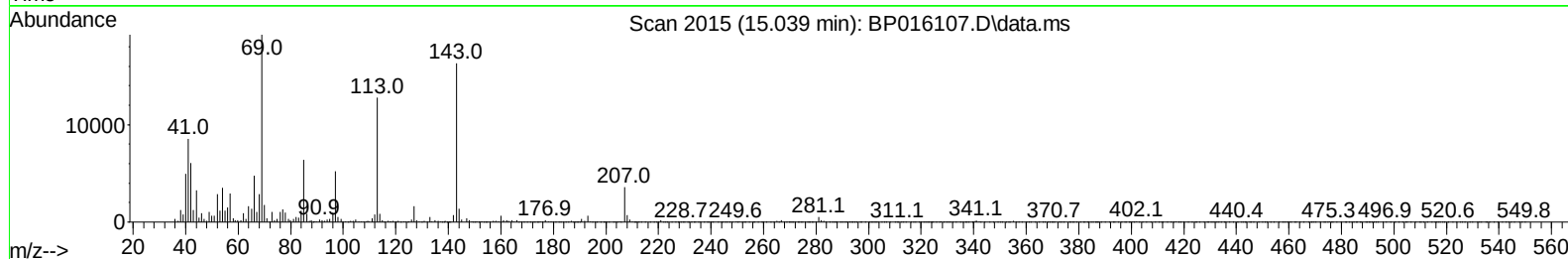
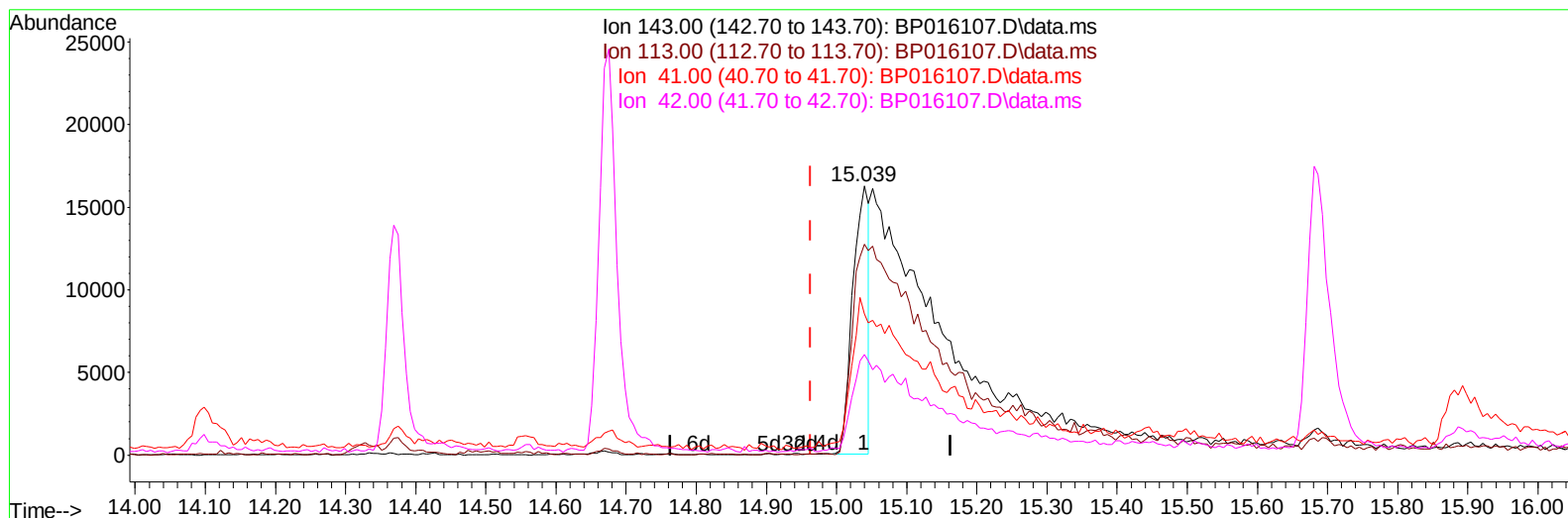
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016107.D  
 Acq On : 08 Jul 2023 23:48  
 Operator : MA/JU  
 Sample : 03350-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBW26

Manual IntegrationsAPPROVED

Quant Time: Jul 09 01:44:13 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: BP016107.D\data.ms

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

**15.039min (+ 0.076) 2.38 ng/ul**

**response 26320**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 94.00  | 78.45  |
| 41.00  | 45.70  | 52.36  |
| 42.00  | 31.20  | 37.37  |

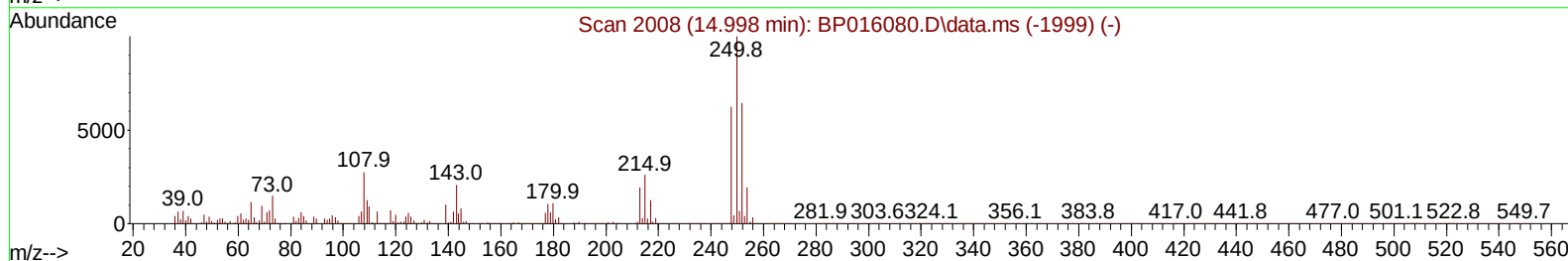
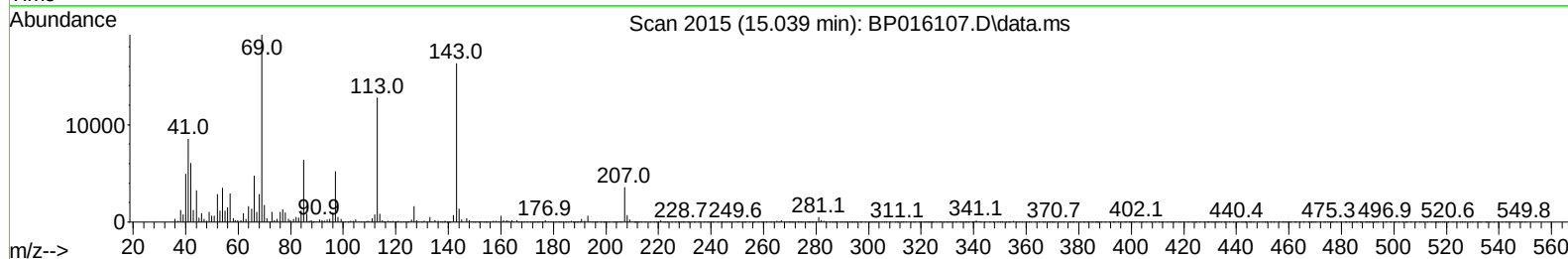
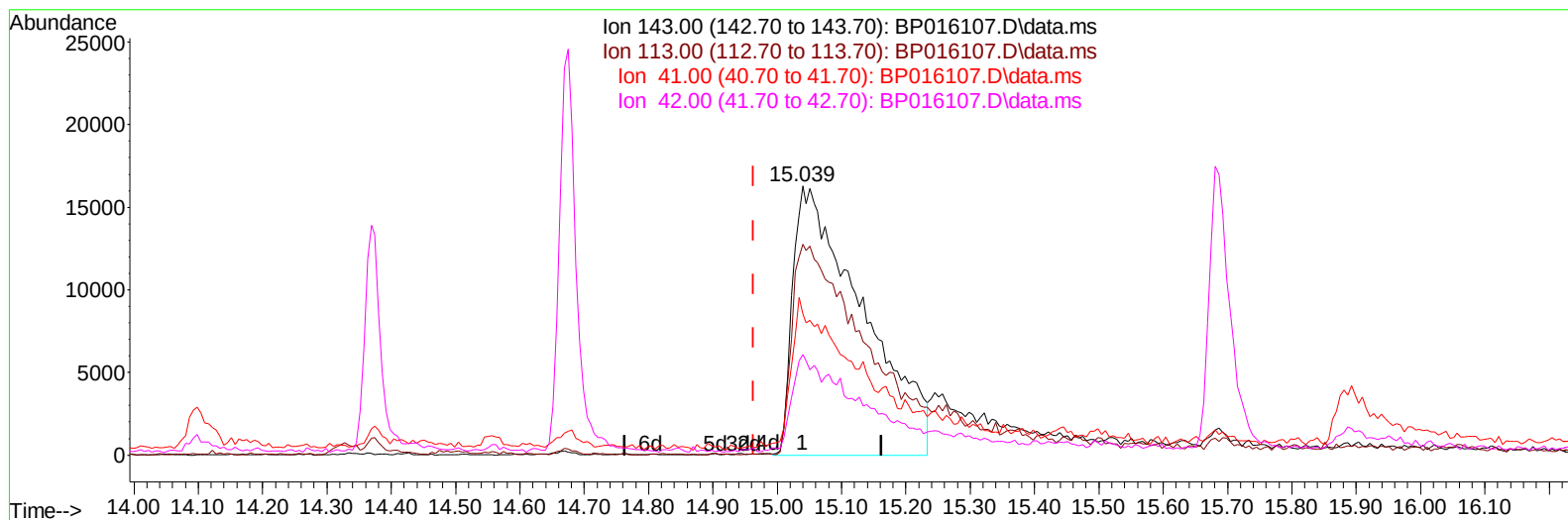
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016107.D  
Acq On : 08 Jul 2023 23:48  
Operator : MA/JU  
Sample : 03350-01  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBW26

Manual IntegrationsAPPROVED

Quant Time: Jul 09 01:47:48 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: BP016107.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.039min (+ 0.076) 11.13 ng/ul m

response 122798

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 94.00  | 78.45  |
| 41.00  | 45.70  | 52.36  |
| 42.00  | 31.20  | 37.37  |

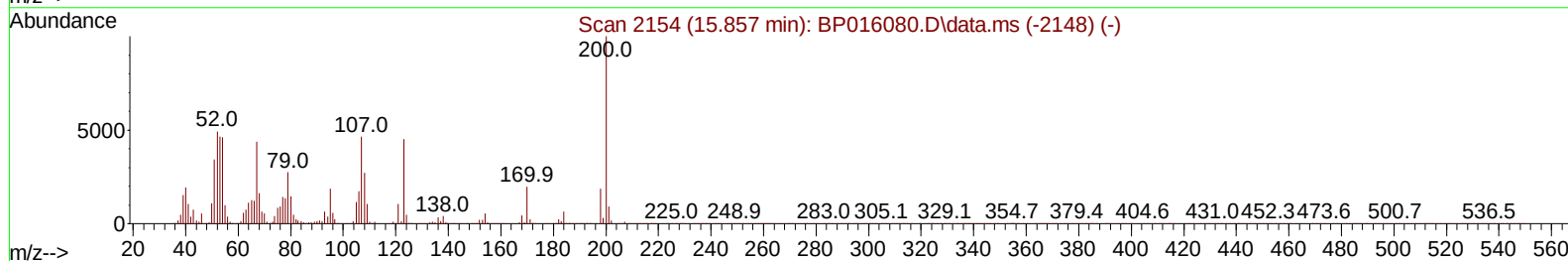
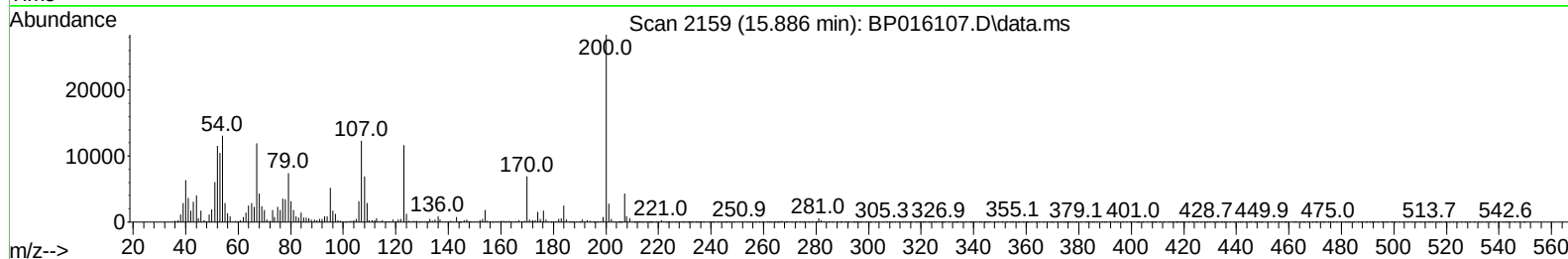
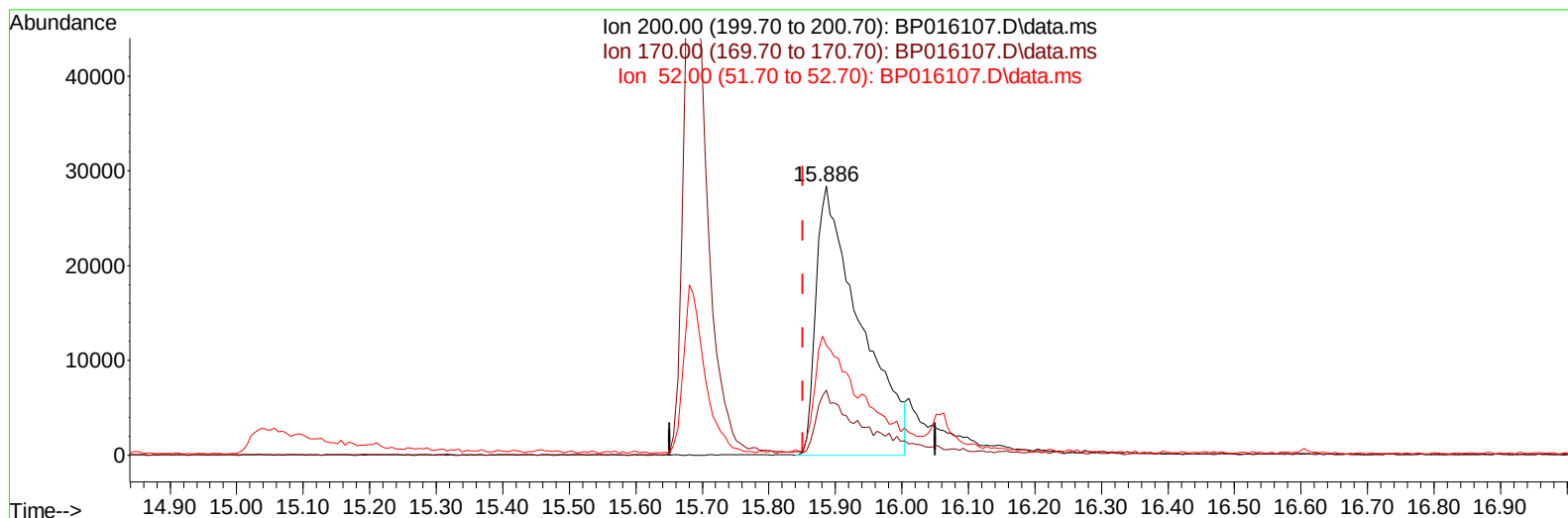
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016107.D  
 Acq On : 08 Jul 2023 23:48  
 Operator : MA/JU  
 Sample : 03350-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBW26

Manual IntegrationsAPPROVED

Quant Time: Jul 09 01:47:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
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Reviewed By :Yogesh Patel 07/10/2023  
 Supervised By :mohammad ahmed 07/10/2023



TIC: BP016107.D\data.ms

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

15.886min (+ 0.035) 9.04 ng/ul

response 130058

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 24.30  | 24.25  |
| 52.00  | 52.20  | 40.66# |
| 0.00   | 0.00   | 0.00   |

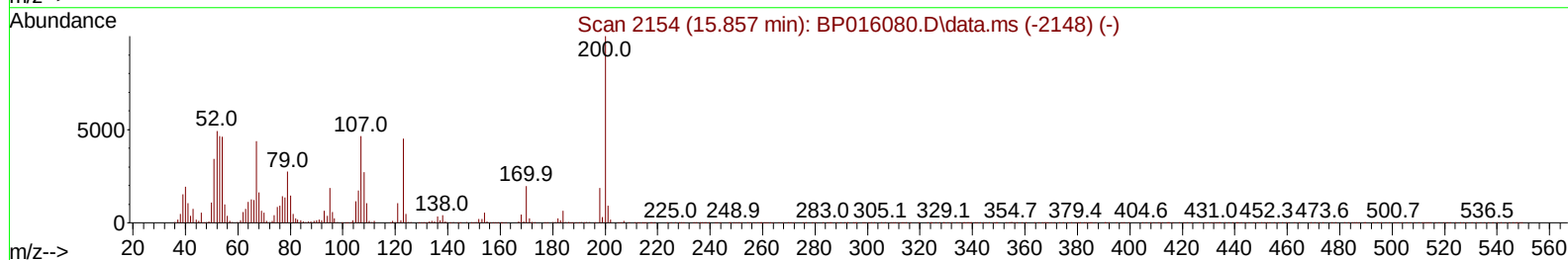
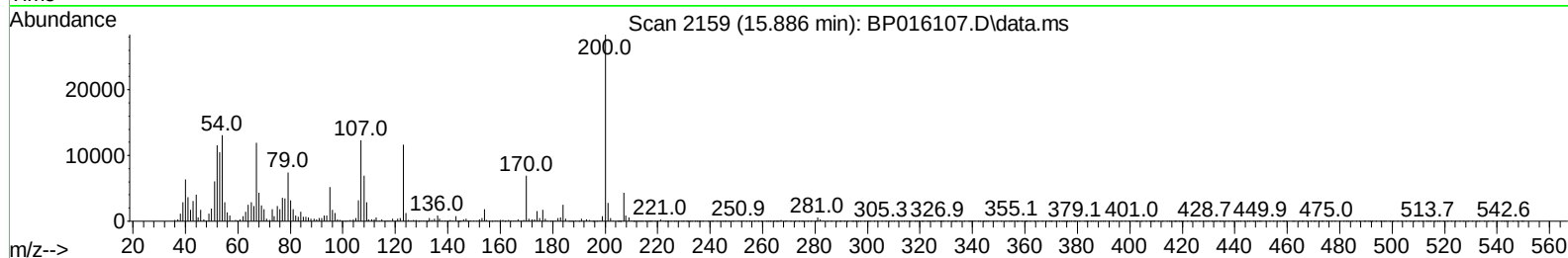
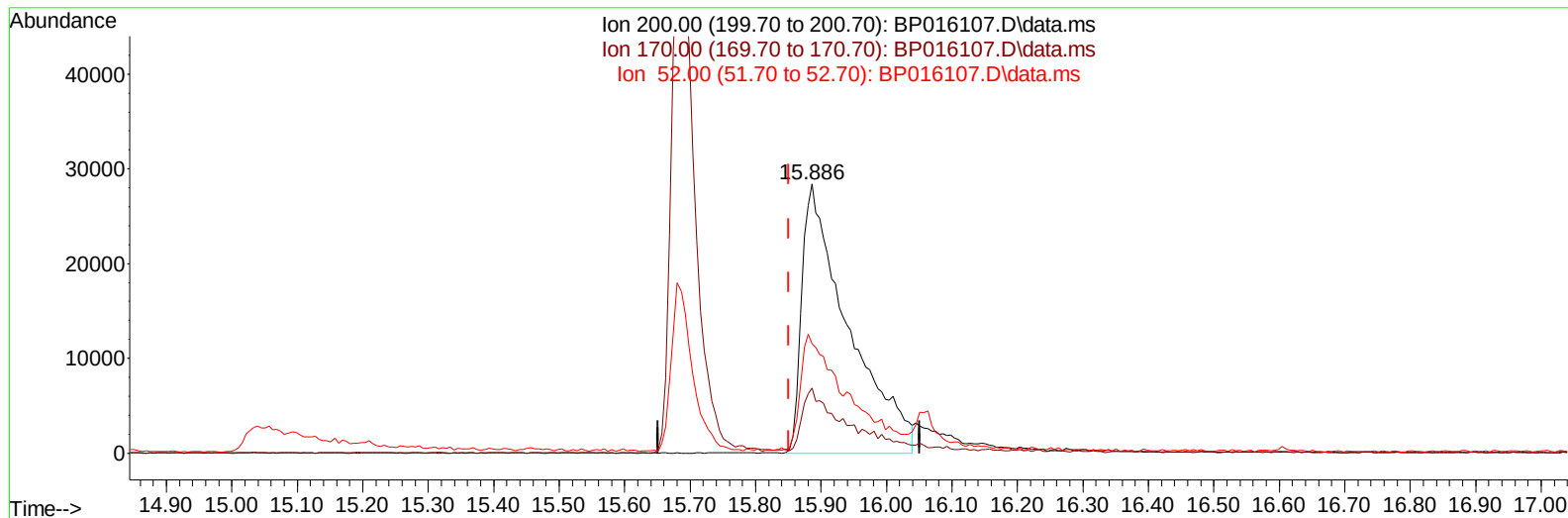
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016107.D  
Acq On : 08 Jul 2023 23:48  
Operator : MA/JU  
Sample : 03350-01  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBW26

Manual IntegrationsAPPROVED

Quant Time: Jul 09 01:47:48 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: BP016107.D\data.ms

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

15.886min (+ 0.035) 9.65 ng/ul m

response 138889

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 24.30  | 24.25  |
| 52.00  | 52.20  | 40.66# |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016107.D  
 Acq On : 08 Jul 2023 23:48  
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 Sample : 03350-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBW26

## Manual IntegrationsAPPROVED

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

Quant Time: Jul 09 01:48:56 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  
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| Compound                      | R.T.   | Q   | Ion | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|-------|----------|
| -----                         |        |     |     |          |        |       |          |
| Internal Standards            |        |     |     |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.022  | 152 |     | 389704   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.845 | 136 |     | 1687918  | 20.000 | ng/ul | # 0.00   |
| 38) Acenaphthene-d10          | 14.675 | 164 |     | 1082166  | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.439 | 188 |     | 2340480  | 20.000 | ng/ul | # 0.00   |
| 79) Chrysene-d12              | 21.539 | 240 |     | 2070407  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.074 | 264 |     | 2019762  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |     |     |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.352  | 96  |     | 30677    | 2.832  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.799  | 84  |     | 368177   | 13.484 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.228  | 99  |     | 474323   | 14.225 | ng/ul | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.352  | 67  |     | 354987m  | 17.208 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.557  | 132 |     | 408129   | 16.215 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.781  | 113 |     | 416413   | 15.809 | ng/ul | 0.01     |
| 21) Nitrobenzene-d5           | 9.234  | 128 |     | 203237   | 15.755 | ng/ul | 0.02     |
| 24) 2-Nitrophenol-d4          | 9.963  | 143 |     | 218945   | 14.543 | ng/ul | 0.02     |
| 28) 2,4-Dichlorophenol-d3     | 10.563 | 165 |     | 334830m  | 12.480 | ng/ul | 0.06     |
| 31) 4-Chloroaniline-d4        | 11.057 | 131 |     | 475995   | 13.811 | ng/ul | 0.04     |
| 46) Dimethylphthalate-d6      | 14.098 | 166 |     | 1412889  | 16.892 | ng/ul | 0.01     |
| 49) Acenaphthylene-d8         | 14.369 | 160 |     | 1554249  | 16.530 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.039 | 143 |     | 122798m  | 11.125 | ng/ul | 0.08     |
| 60) Fluorene-d10              | 15.686 | 176 |     | 1175370  | 17.066 | ng/ul | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.886 | 200 |     | 138889m  | 9.649  | ng/ul | 0.04     |
| 73) Anthracene-d10            | 17.551 | 188 |     | 1833526  | 17.150 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.774 | 212 |     | 2160263  | 15.979 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.904 | 264 |     | 1690927  | 16.596 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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## Manual IntegrationsAPPROVED

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