

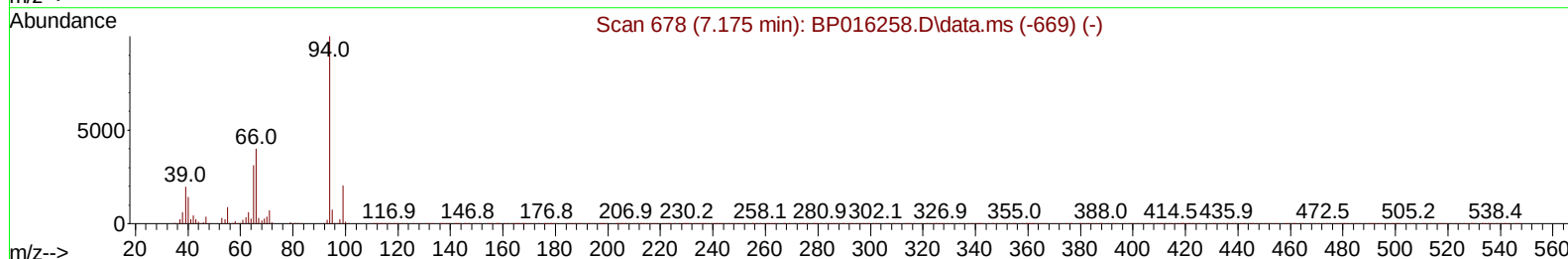
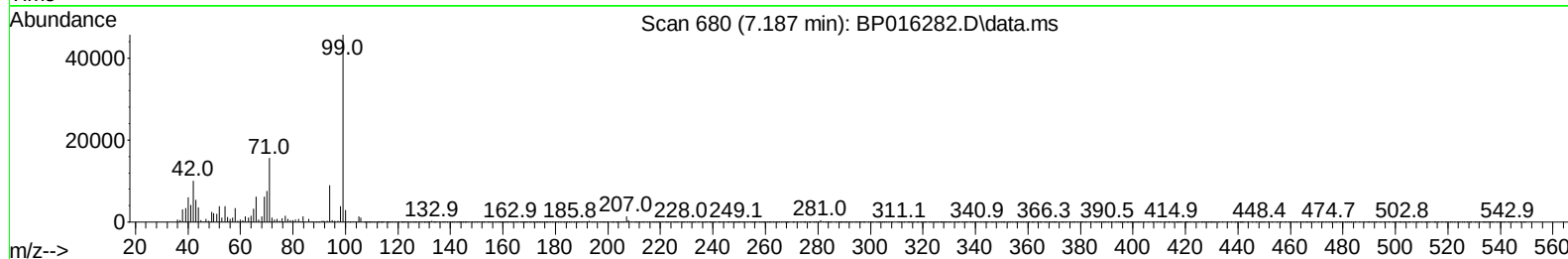
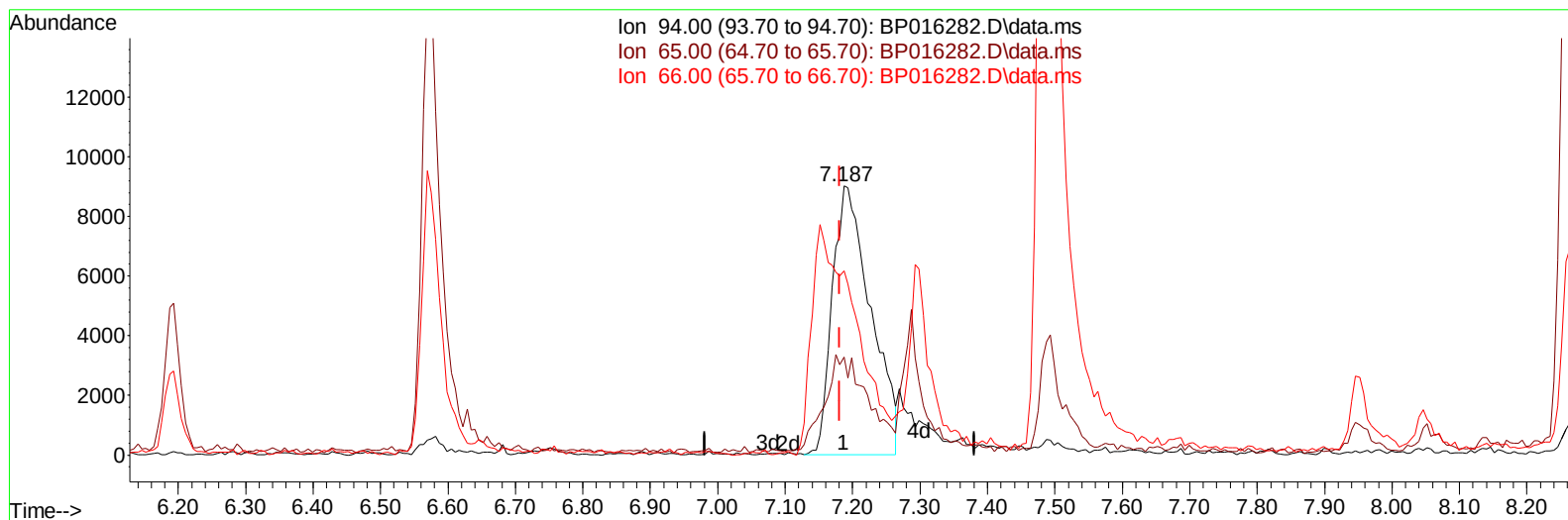
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
 Data File : BP016282.D  
 Acq On : 18 Jul 2023 07:58  
 Operator : MA/JU  
 Sample : 03458-06  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A46L9

Manual IntegrationsAPPROVED

Quant Time: Jul 18 08:43:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 14 23:53:26 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023  
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016282.D\data.ms

# (8) Phenol

7.187min (+ 0.006) 1.89 ng/uL

response 35472

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 94.00 | 100.00 | 100.00 |
| 65.00 | 31.90  | 36.33  |
| 66.00 | 40.90  | 68.53# |
| 0.00  | 0.00   | 0.00   |

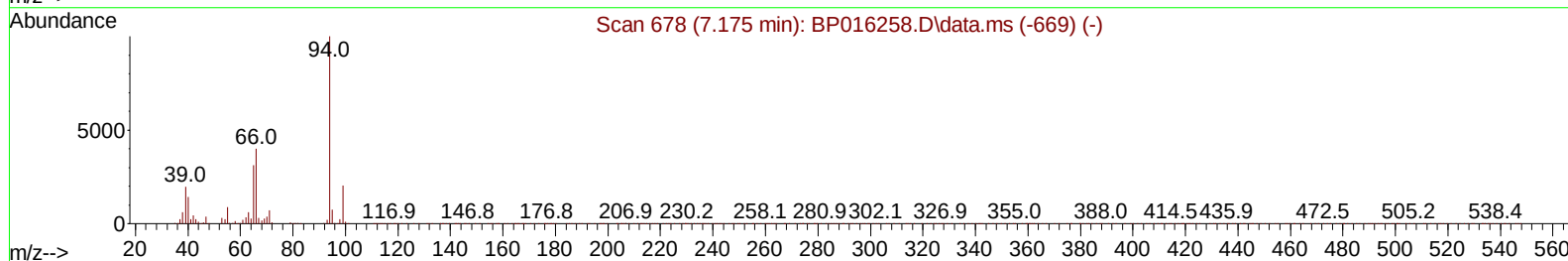
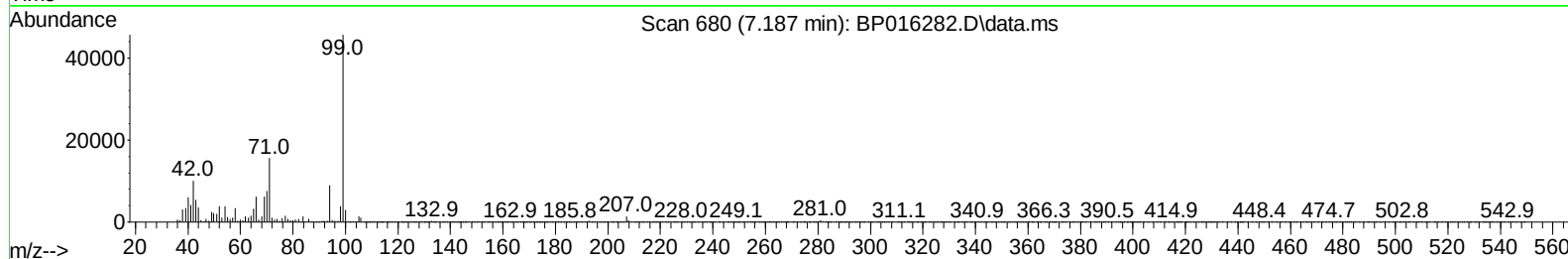
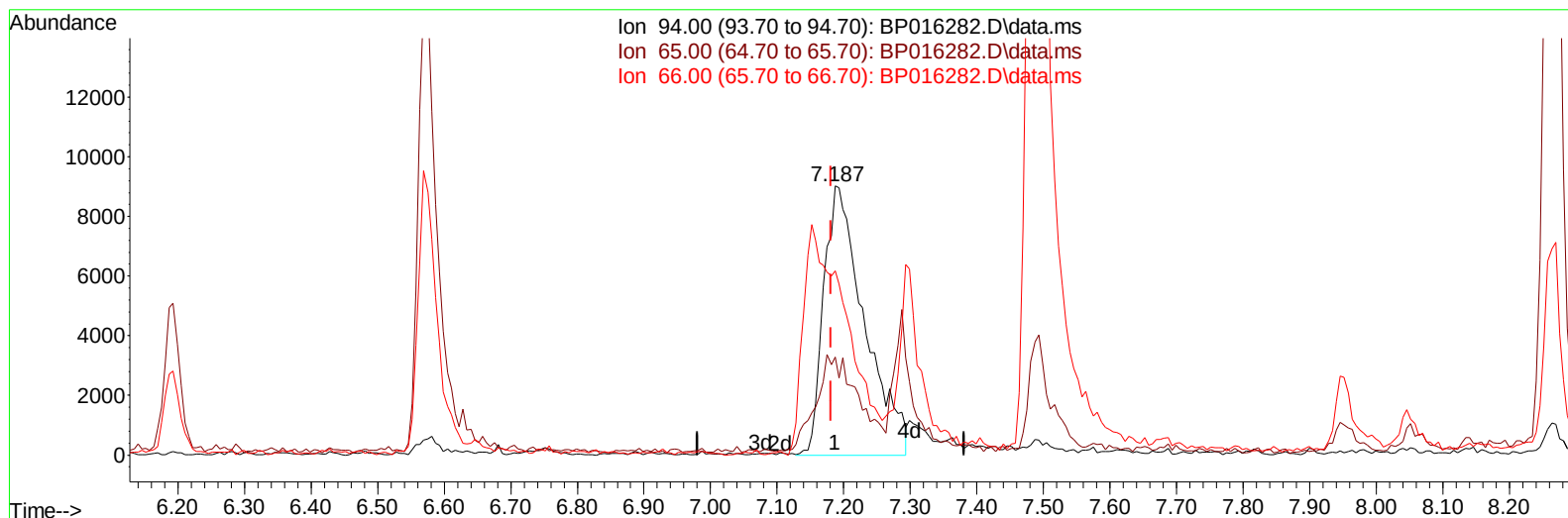
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
 Data File : BP016282.D  
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 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
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Manual IntegrationsAPPROVED

Quant Time: Jul 18 08:43:02 2023  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 14 23:53:26 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023  
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016282.D\data.ms

# (8) Phenol

7.187min (+ 0.006) 2.04 ng/ul m

response 38296

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 94.00 | 100.00 | 100.00 |
| 65.00 | 31.90  | 36.33  |
| 66.00 | 40.90  | 68.53# |
| 0.00  | 0.00   | 0.00   |

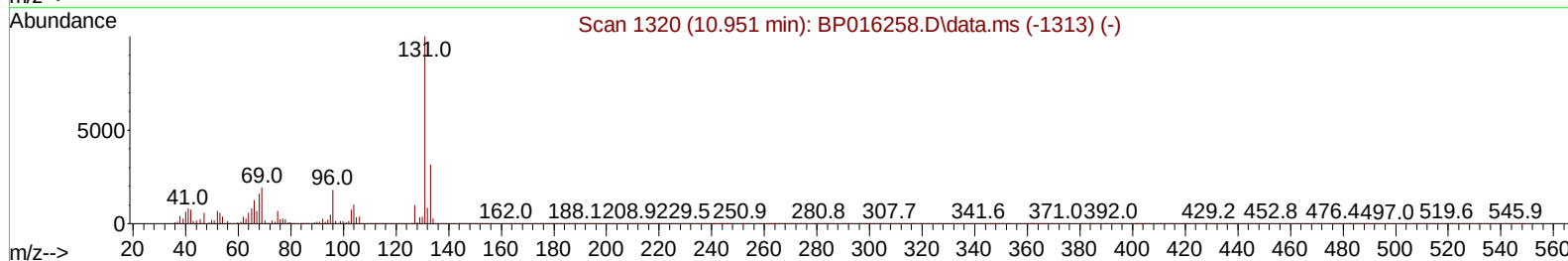
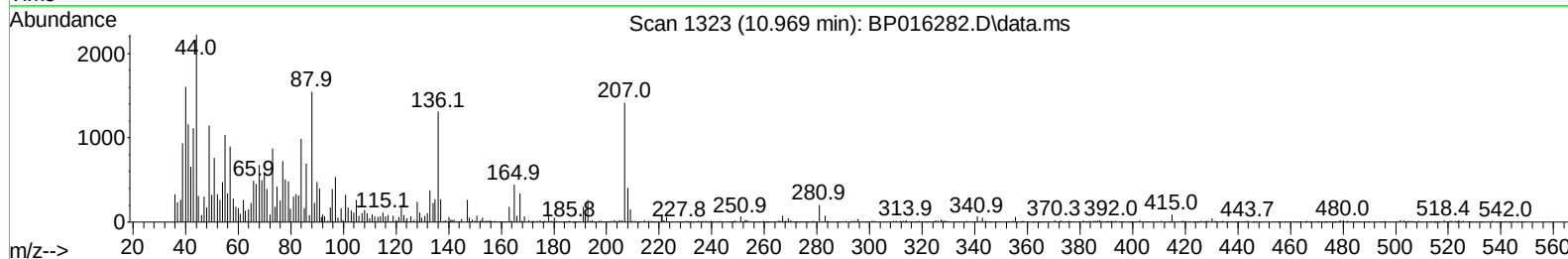
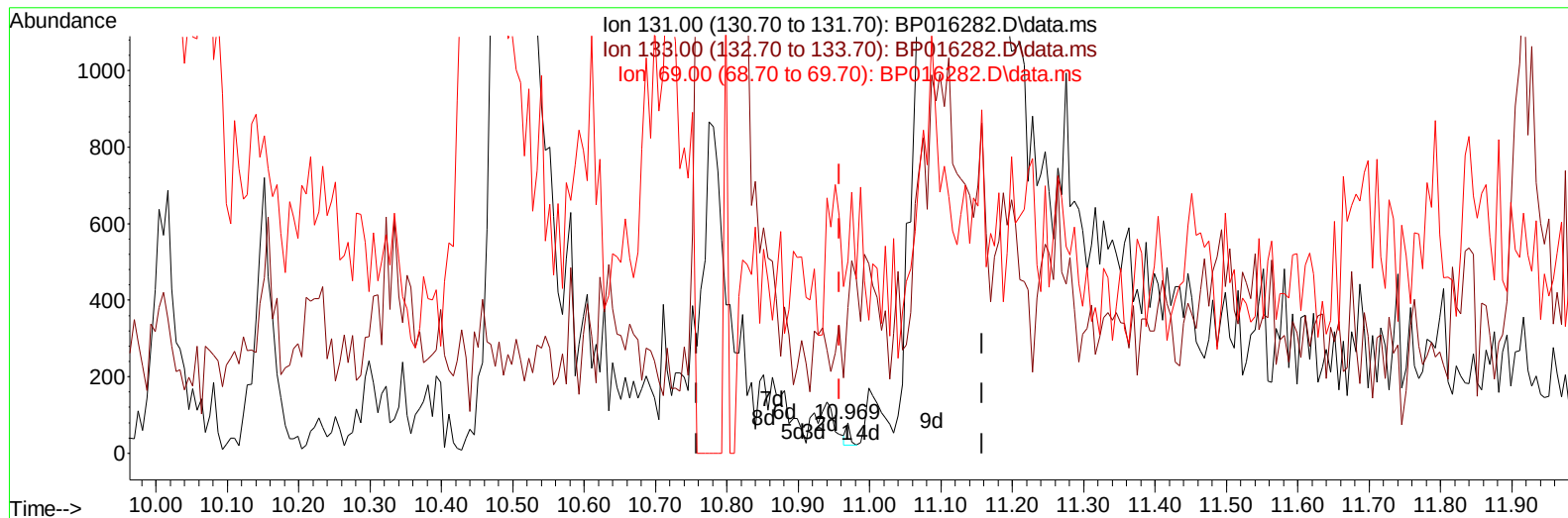
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
 Data File : BP016282.D  
 Acq On : 18 Jul 2023 07:58  
 Operator : MA/JU  
 Sample : 03458-06  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A46L9

Manual IntegrationsAPPROVED

Quant Time: Jul 18 08:44:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 14 23:53:26 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023  
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016282.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.969min (+ 0.012) 0.00 ng/ul**

**response 23**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 131.00 | 100.00 | 100.00  |
| 133.00 | 31.50  | 482.28# |
| 69.00  | 21.00  | 634.18# |
| 0.00   | 0.00   | 0.00    |

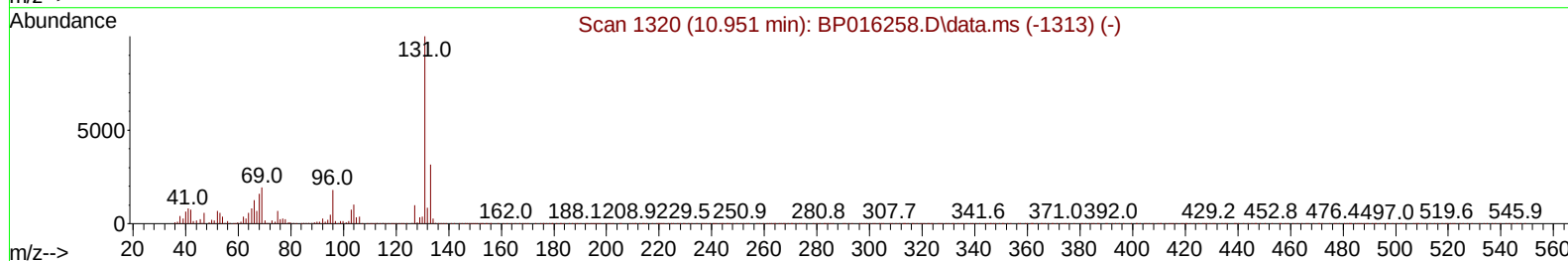
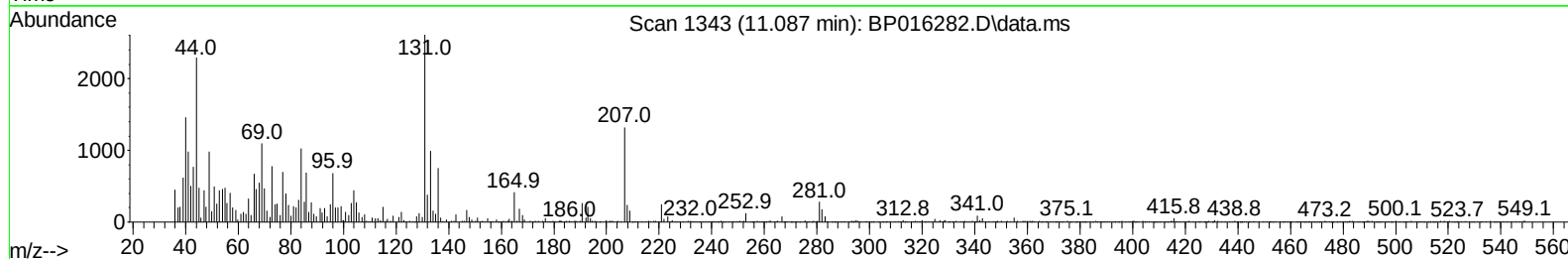
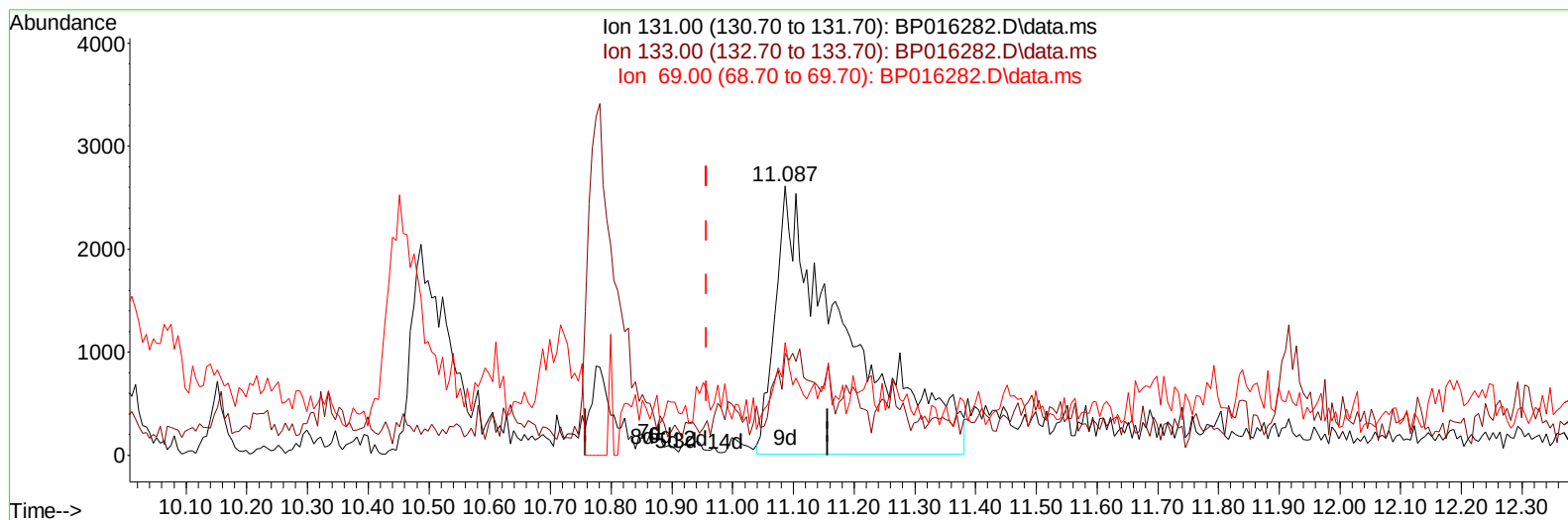
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
 Data File : BP016282.D  
 Acq On : 18 Jul 2023 07:58  
 Operator : MA/JU  
 Sample : 03458-06  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A46L9

Manual IntegrationsAPPROVED

Quant Time: Jul 18 08:44:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 14 23:53:26 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023  
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016282.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**11.087min (+ 0.130) 0.93 ng/ul m**

**response 21277**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 31.50  | 37.86# |
| 69.00  | 21.00  | 41.96# |
| 0.00   | 0.00   | 0.00   |

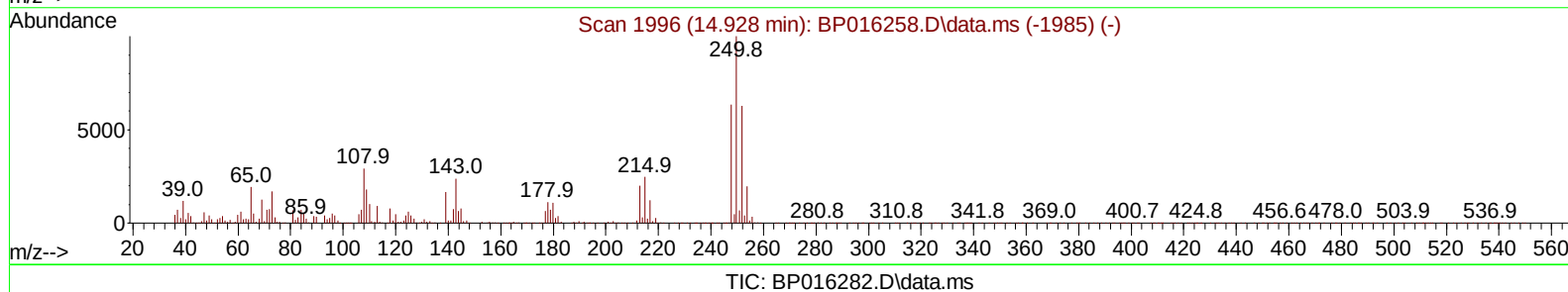
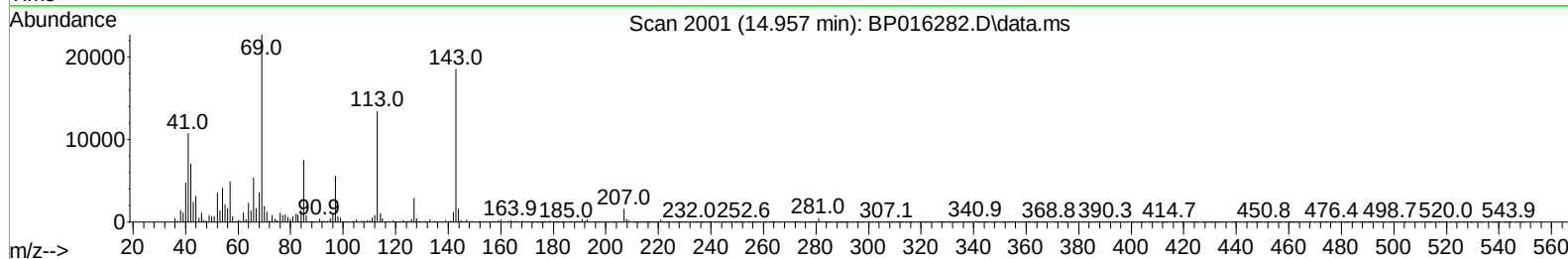
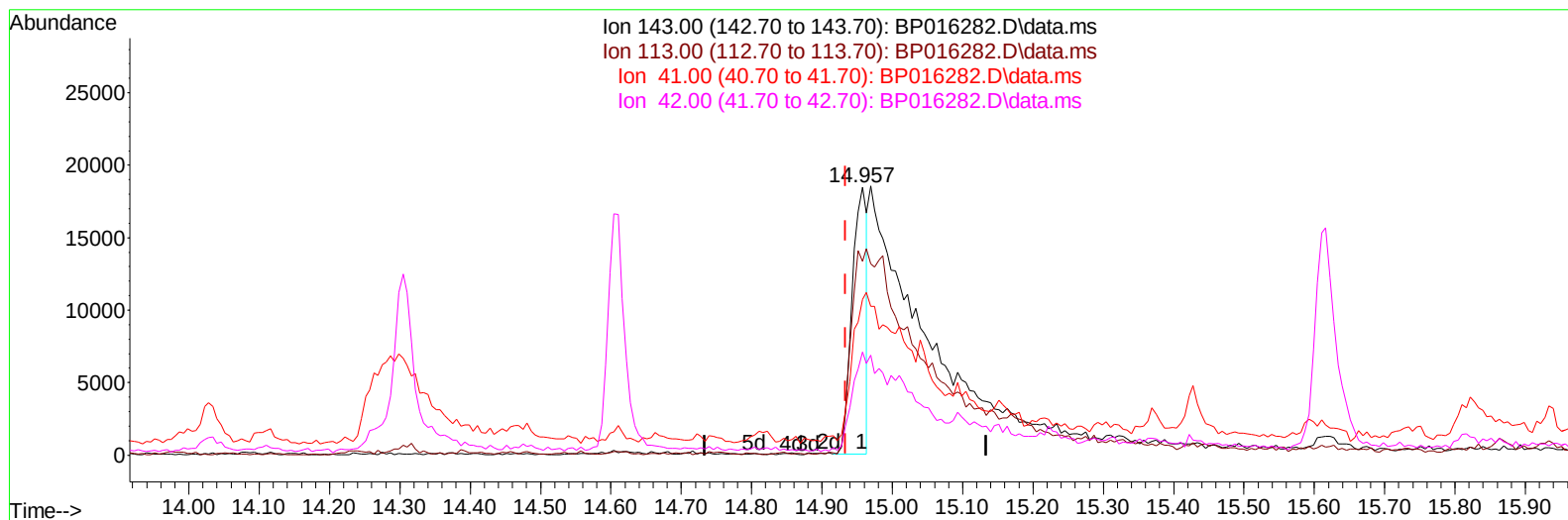
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
Data File : BP016282.D  
Acq On : 18 Jul 2023 07:58  
Operator : MA/JU  
Sample : 03458-06  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A46L9

Manual IntegrationsAPPROVED

Quant Time: Jul 18 08:44:46 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 14 23:53:26 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023  
Supervised By :mohammad ahmed 07/19/2023



(54) 4-Nitrophenol-d4 (S)

14.957min (+ 0.024) 2.61 ng/ul

response 27219

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 79.50  | 72.33  |
| 41.00  | 49.30  | 58.00  |
| 42.00  | 32.70  | 38.34  |

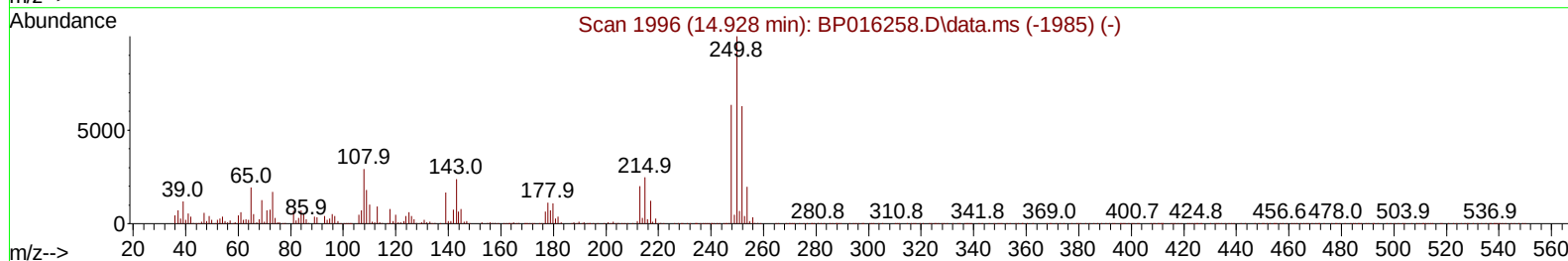
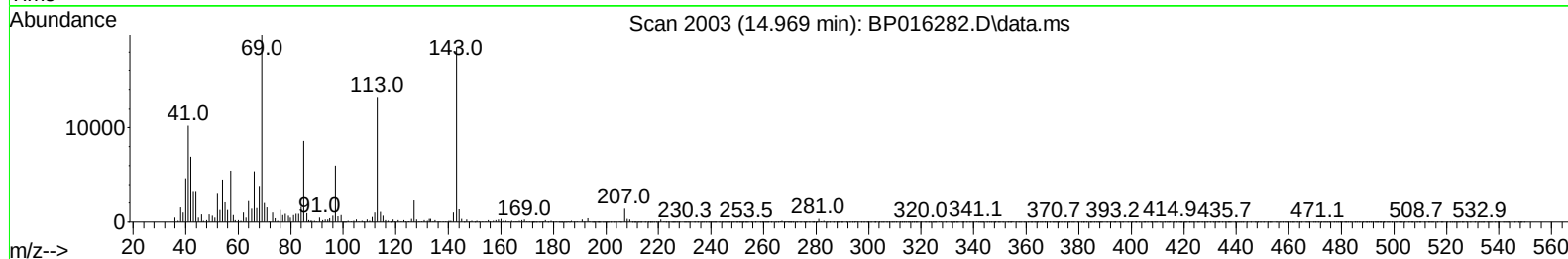
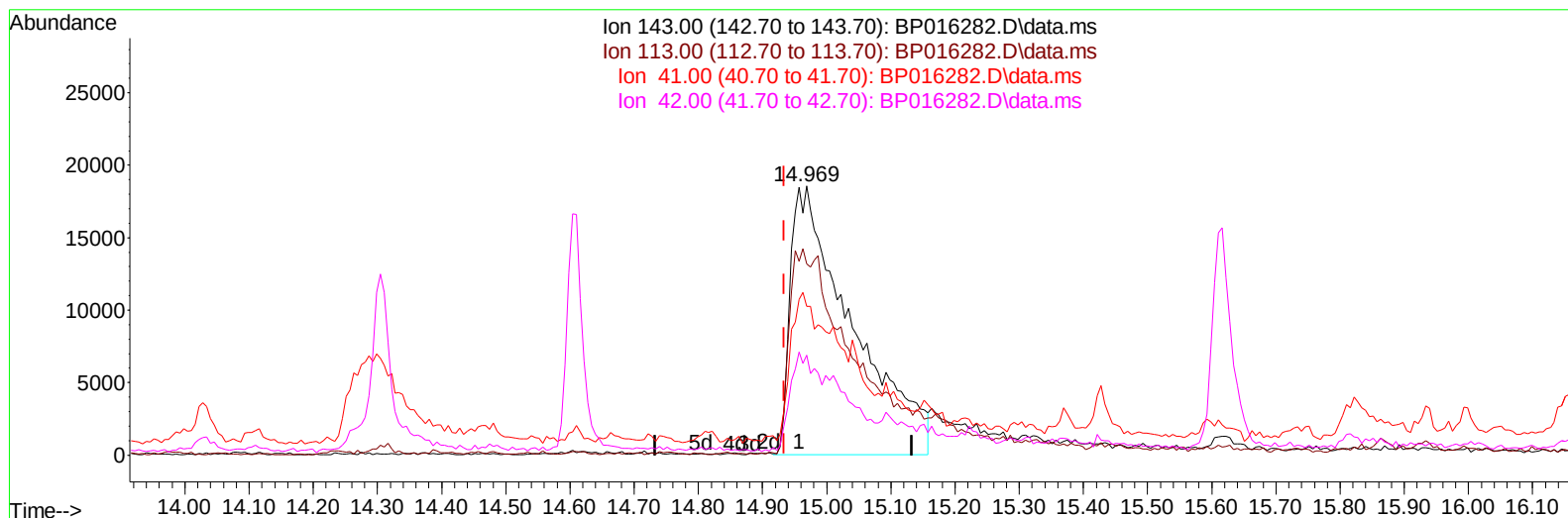
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
 Data File : BP016282.D  
 Acq On : 18 Jul 2023 07:58  
 Operator : MA/JU  
 Sample : 03458-06  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A46L9

Manual IntegrationsAPPROVED

Quant Time: Jul 18 08:44:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 14 23:53:26 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023  
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016282.D\data.ms

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

**14.969min (+ 0.035) 11.77 ng/ul m**

**response 122827**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 79.50  | 71.13  |
| 41.00  | 49.30  | 55.26  |
| 42.00  | 32.70  | 37.24  |

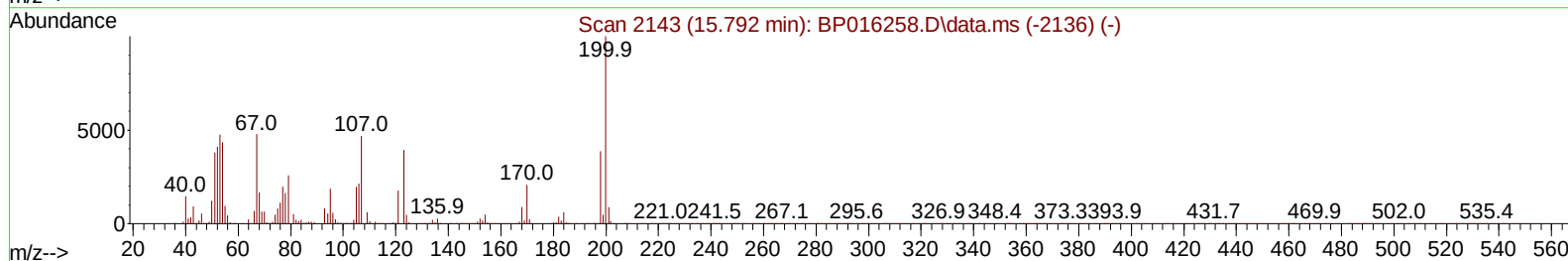
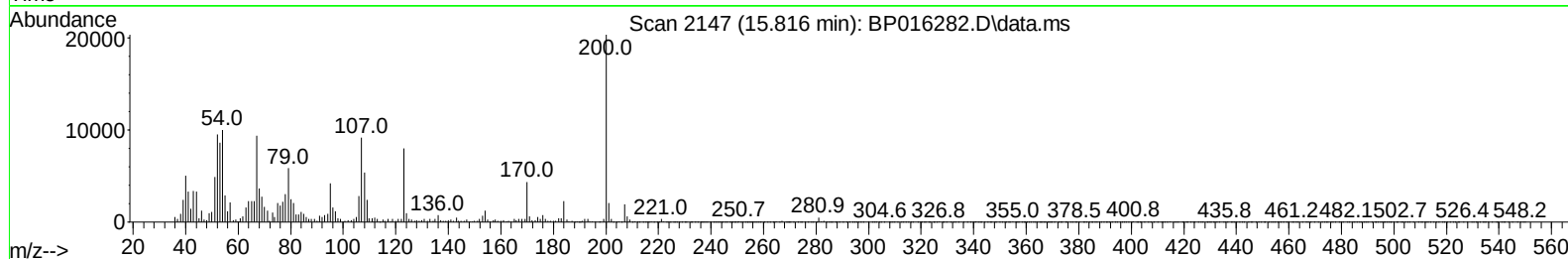
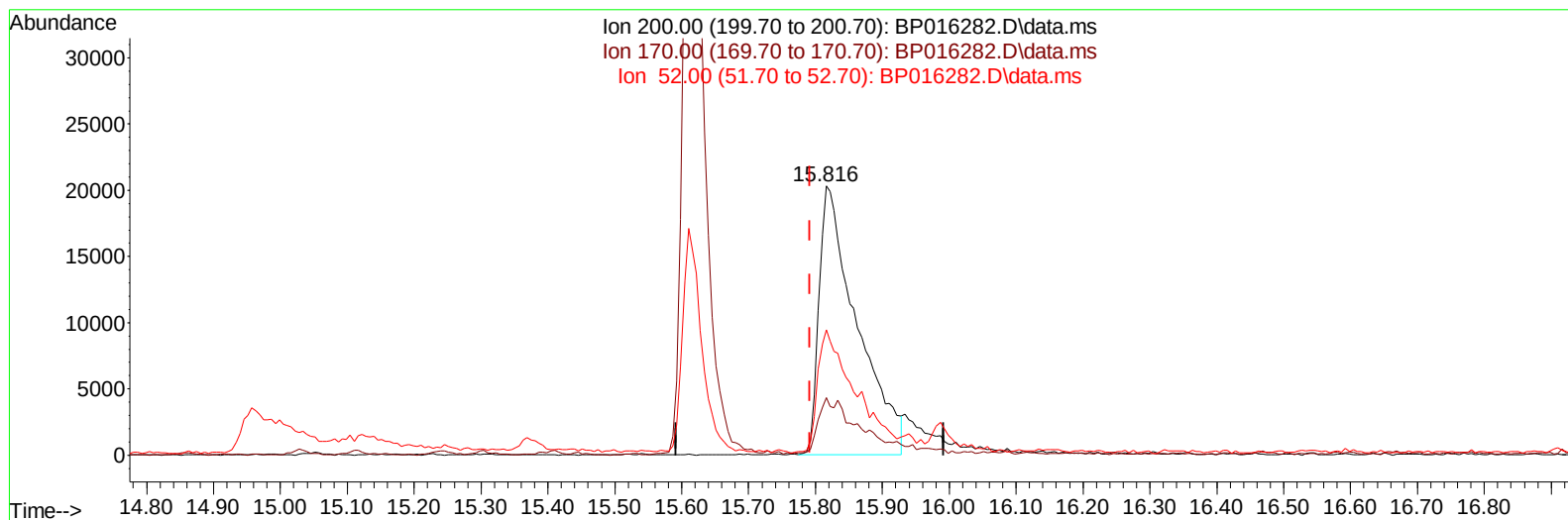
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
Data File : BP016282.D  
Acq On : 18 Jul 2023 07:58  
Operator : MA/JU  
Sample : 03458-06  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A46L9

Manual IntegrationsAPPROVED

Quant Time: Jul 18 08:44:46 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 14 23:53:26 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023  
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016282.D\data.ms

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

15.816min (+ 0.024) 8.86 ng/ul

response 79720

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.90  | 21.42  |
| 52.00  | 58.00  | 46.63  |
| 0.00   | 0.00   | 0.00   |

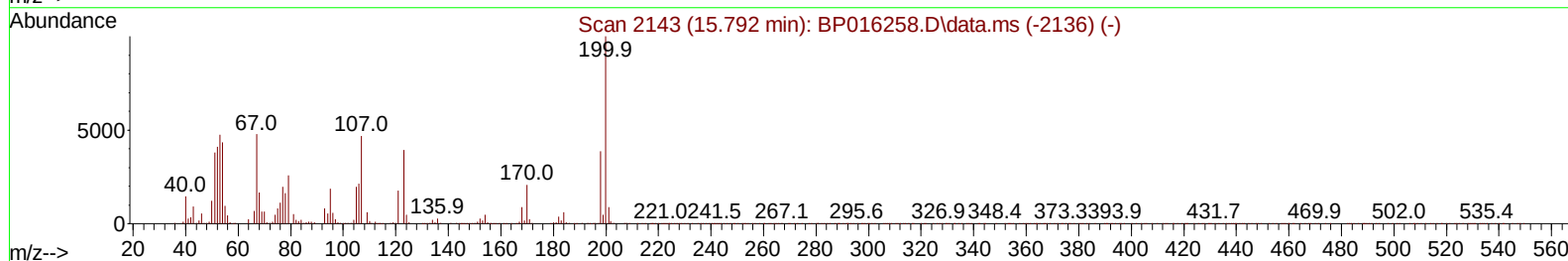
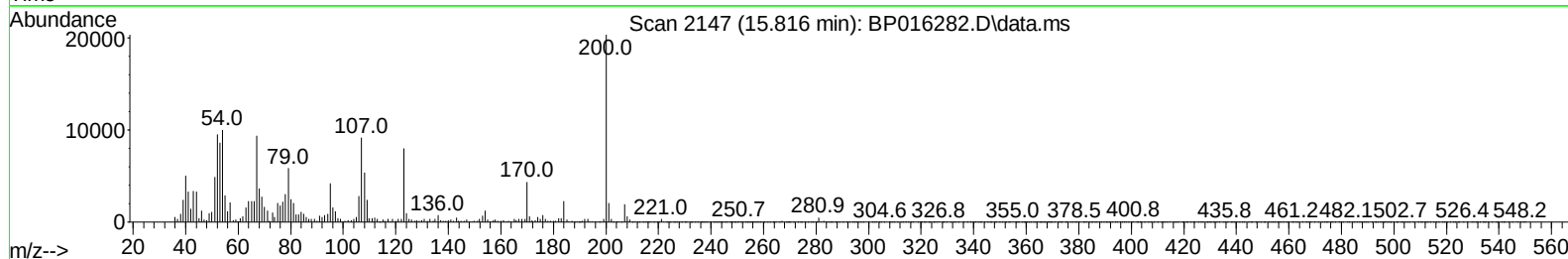
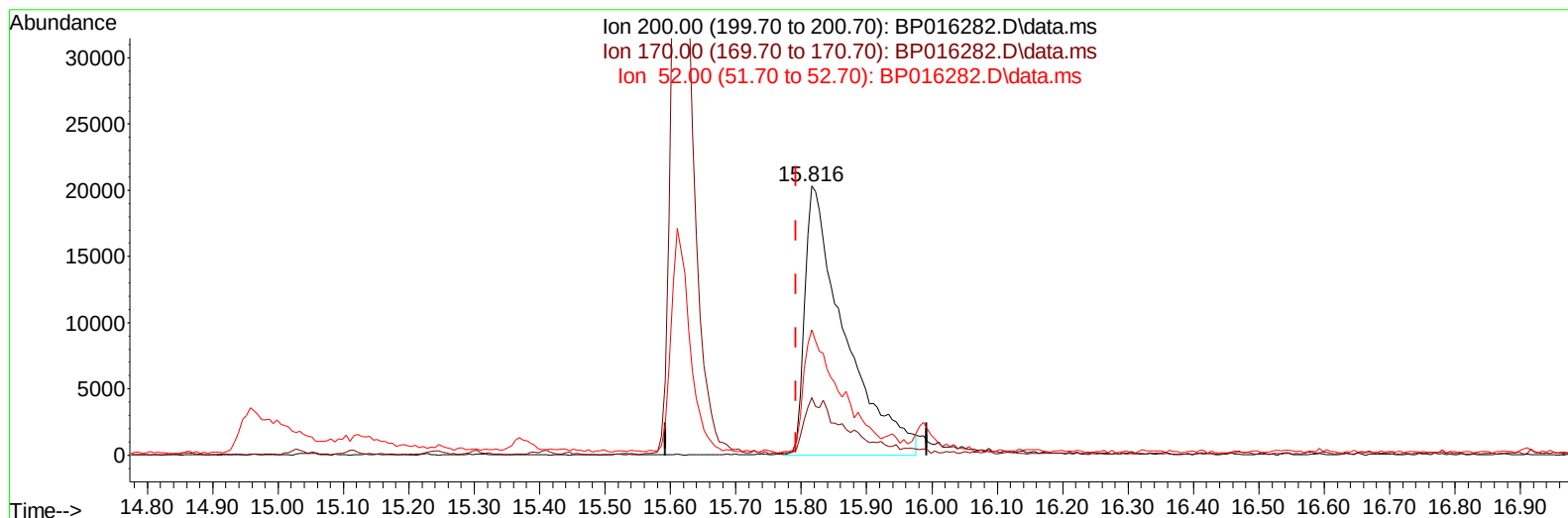
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
 Data File : BP016282.D  
 Acq On : 18 Jul 2023 07:58  
 Operator : MA/JU  
 Sample : 03458-06  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A46L9

Manual IntegrationsAPPROVED

Quant Time: Jul 18 08:47:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 14 23:53:26 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023  
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016282.D\data.ms

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

15.816min (+ 0.024) 9.54 ng/ul m

response 85882

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.90  | 21.42  |
| 52.00  | 58.00  | 46.63  |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
 Data File : BP016282.D  
 Acq On : 18 Jul 2023 07:58  
 Operator : MA/JU  
 Sample : 03458-06  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A46L9

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/19/2023  
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 08:47:31 2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.952  | 152  | 194222   | 20.000 | ng/ul | -0.01    |
| 20) Naphthalene-d8            | 10.775 | 136  | 1043058  | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.610 | 164  | 670237   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.375 | 188  | 1559203  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.475 | 240  | 1631322  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.963 | 264  | 1745611  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.281  | 96   | 21186    | 3.860  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.758  | 84   | 55094    | 4.025  | ng/ul | 0.02     |
| 7) Phenol-d5                  | 7.152  | 99   | 383603   | 21.866 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.287  | 67   | 255656   | 21.552 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.487  | 132  | 262185   | 20.703 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.722  | 113  | 169243   | 11.976 | ng/ul | 0.02     |
| 21) Nitrobenzene-d5           | 9.158  | 128  | 150008   | 20.846 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.887  | 143  | 164898   | 20.106 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.487 | 165  | 272785   | 19.207 | ng/ul | 0.04     |
| 31) 4-Chloroaniline-d4        | 11.087 | 131  | 21277m   | 0.935  | ng/ul | 0.13     |
| 46) Dimethylphthalate-d6      | 14.028 | 166  | 1046242  | 20.464 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.304 | 160  | 1143302  | 20.405 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.969 | 143  | 122827m  | 11.772 | ng/ul | 0.04     |
| 60) Fluorene-d10              | 15.616 | 176  | 967743   | 22.617 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.816 | 200  | 85882m   | 9.541  | ng/ul | 0.02     |
| 73) Anthracene-d10            | 17.481 | 188  | 1323080  | 19.399 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.710 | 212  | 1653062  | 19.528 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.798 | 264  | 985858   | 11.760 | ng/ul | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 8) Phenol                     | 7.187  | 94   | 38296m   | 2.036  | ng/ul |          |
| 16) Acetophenone              | 8.822  | 105  | 174663   | 7.495  | ng/ul | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.327 | 149  | 131380   | 1.930  | ng/ul | 98       |
| -----                         |        |      |          |        |       |          |

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

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ALS Vial : 40 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
A46L9

## Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/19/2023

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