

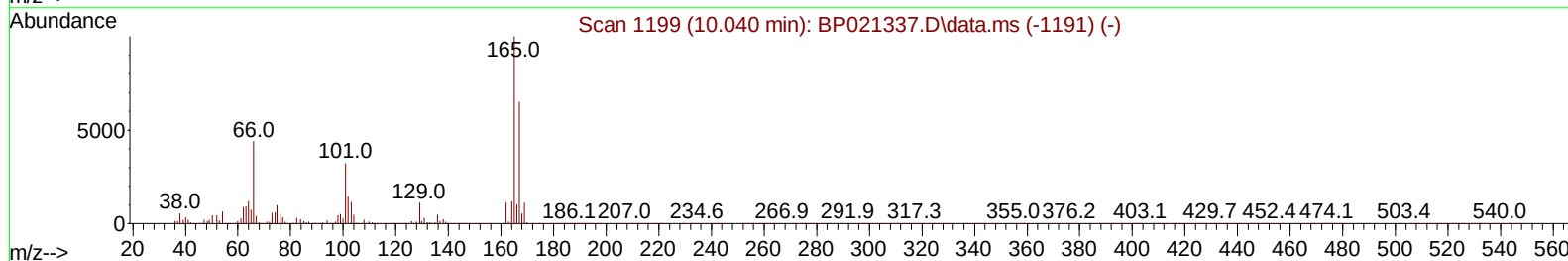
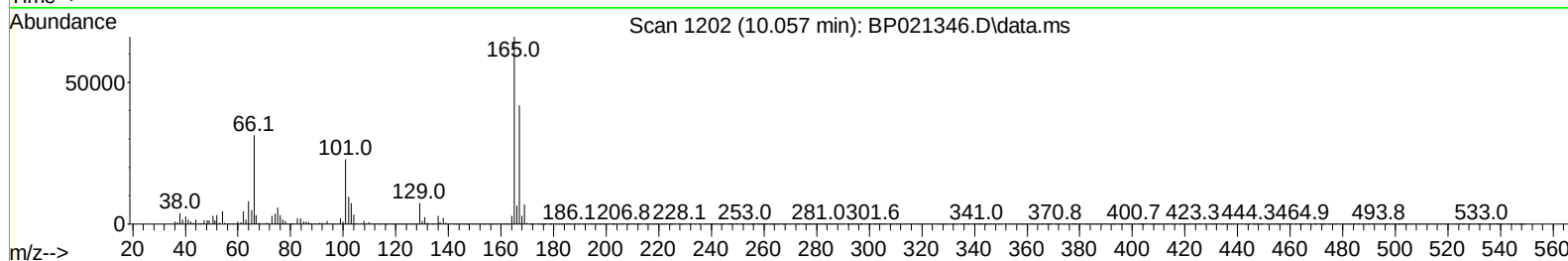
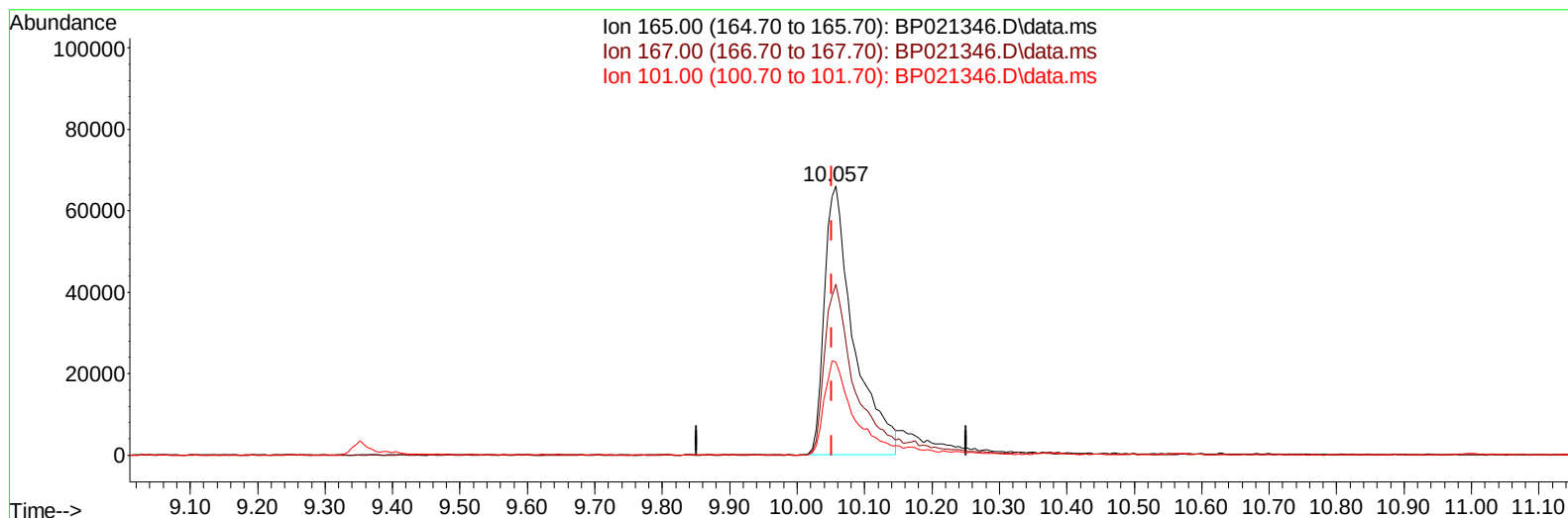
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080324\  
 Data File : BP021346.D  
 Acq On : 03 Aug 2024 16:09  
 Operator : CG/JU  
 Sample : P3278-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E1ZQ9

Manual IntegrationsAPPROVED

Quant Time: Aug 04 23:22:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 29 12:46:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/05/2024  
 Supervised By :mohammad ahmed 08/05/2024



TIC: BP021346.D\data.ms

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

10.057min (+ 0.006) 14.04 ng/ul

response 199689

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 62.80  | 63.44  |
| 101.00 | 35.50  | 34.54  |
| 0.00   | 0.00   | 0.00   |

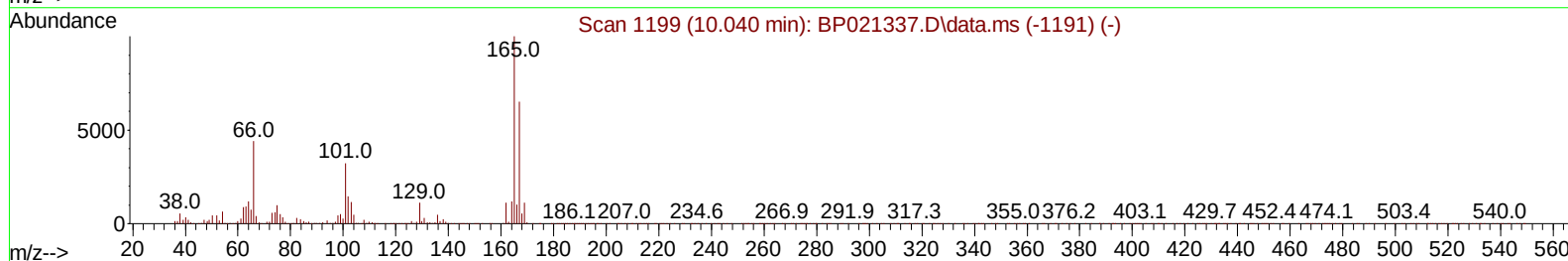
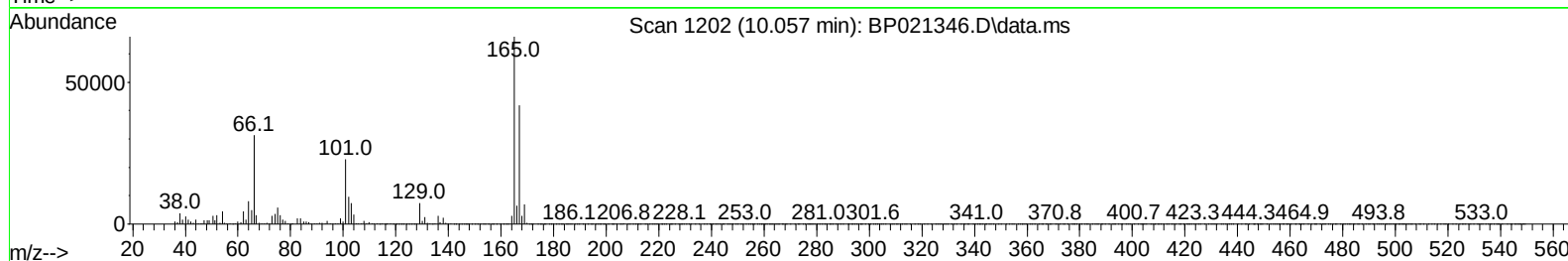
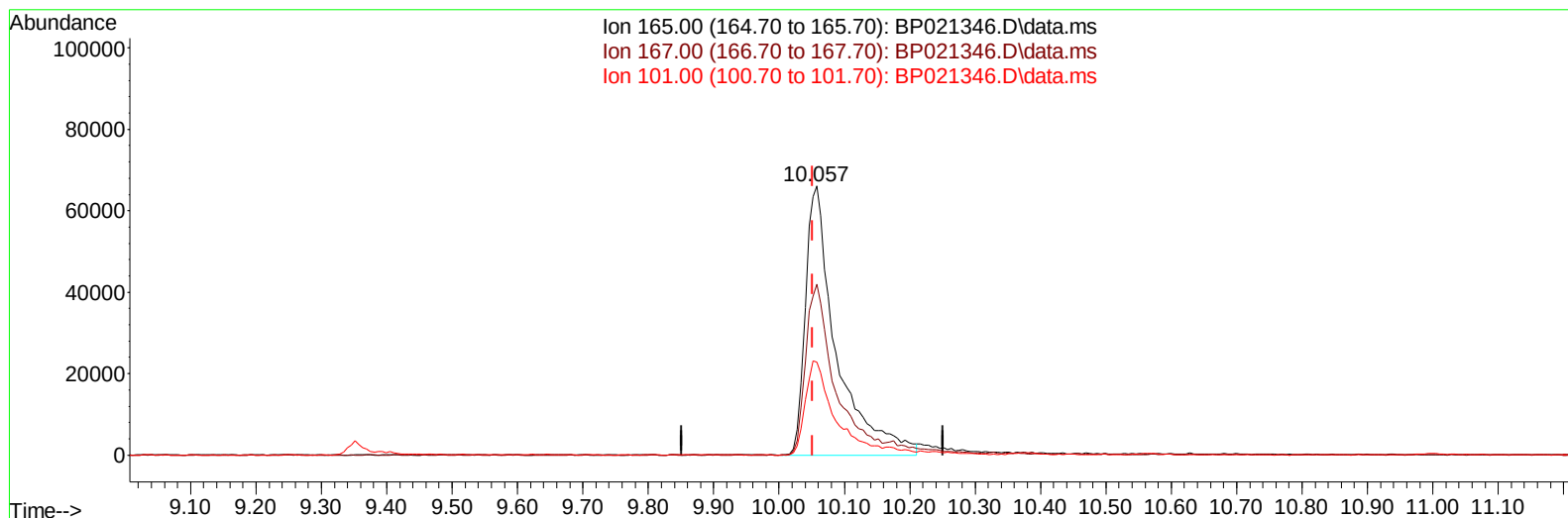
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080324\  
Data File : BP021346.D  
Acq On : 03 Aug 2024 16:09  
Operator : CG/JU  
Sample : P3278-11  
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ALS Vial : 11 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
E1ZQ9

Manual IntegrationsAPPROVED

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TIC: BP021346.D\data.ms

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

10.057min (+ 0.006) 15.22 ng/ul m

response 216389

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 62.80  | 63.44  |
| 101.00 | 35.50  | 34.54  |
| 0.00   | 0.00   | 0.00   |

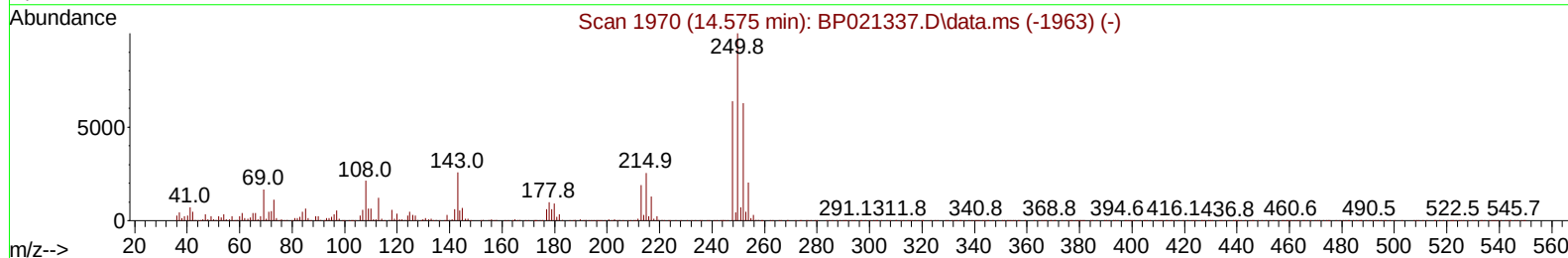
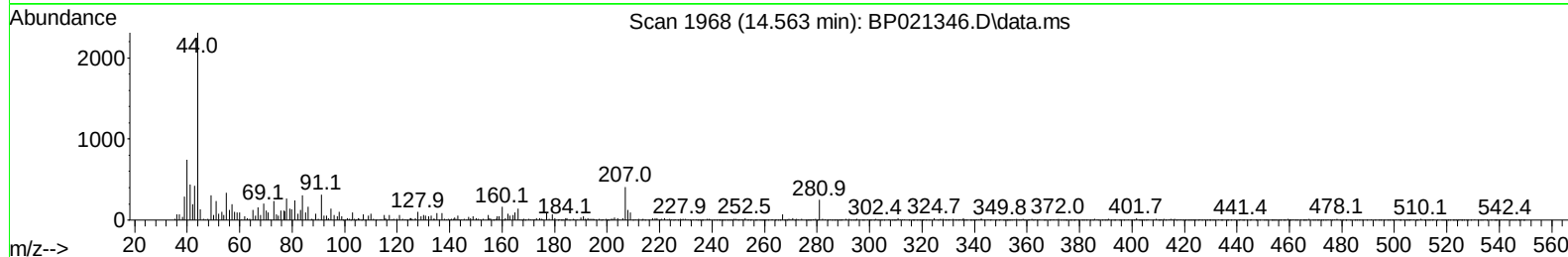
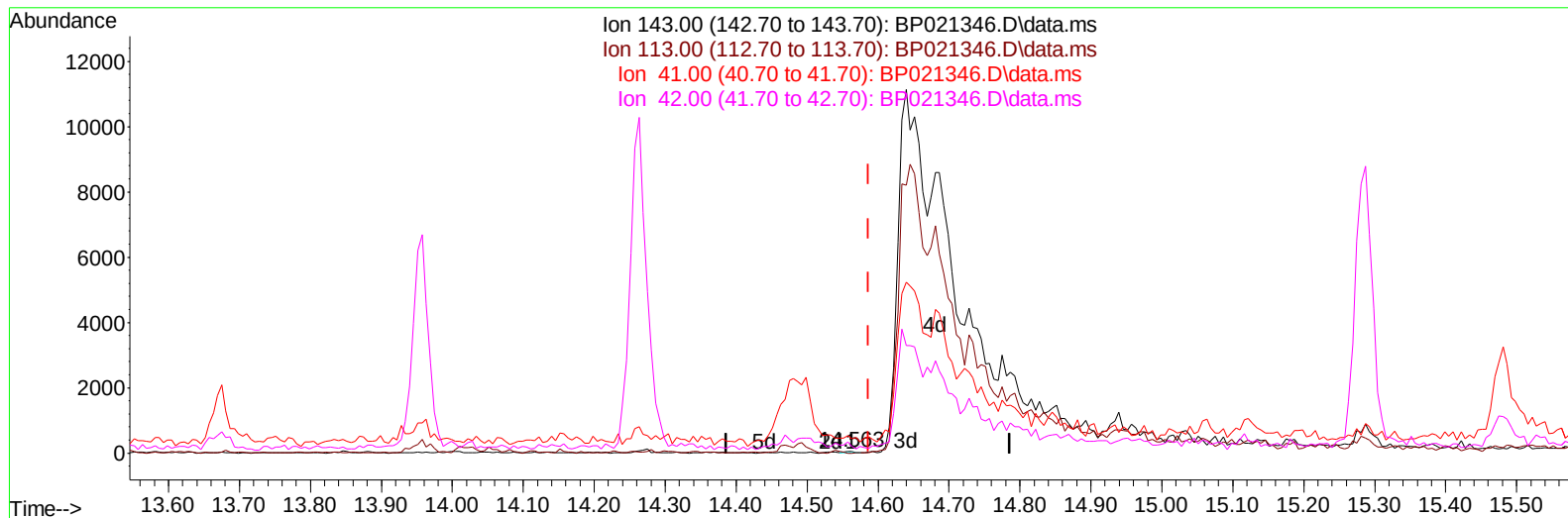
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080324\  
Data File : BP021346.D  
Acq On : 03 Aug 2024 16:09  
Operator : CG/JU  
Sample : P3278-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E1ZQ9

Manual IntegrationsAPPROVED

Quant Time: Aug 04 23:22:05 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
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TIC: BP021346.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.563min (-0.023) 0.01 ng/ul

response 46

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 74.70  | 10.61#  |
| 41.00  | 37.90  | 660.61# |
| 42.00  | 27.10  | 303.03# |

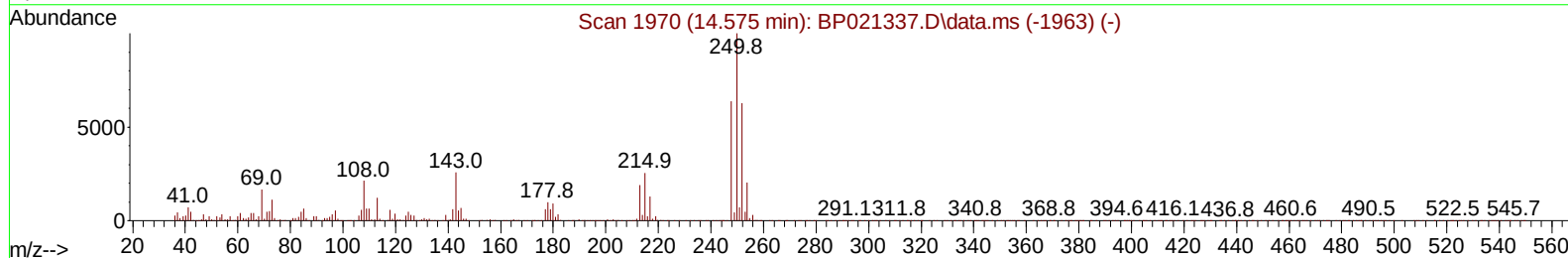
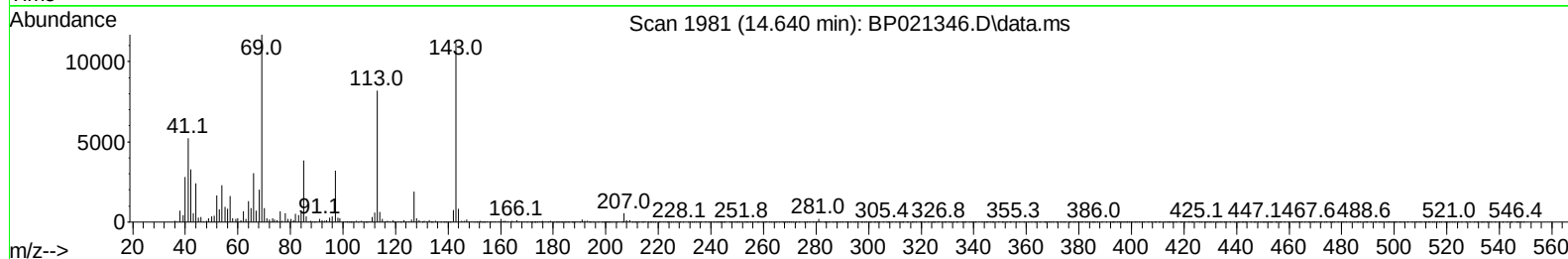
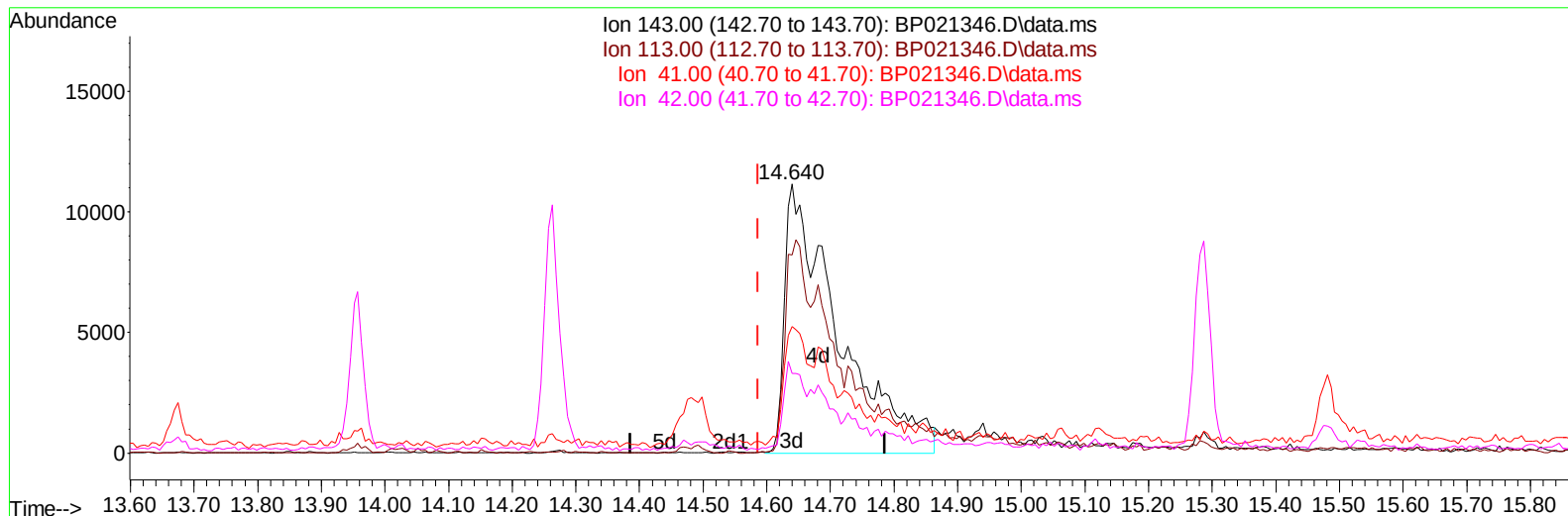
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080324\  
Data File : BP021346.D  
Acq On : 03 Aug 2024 16:09  
Operator : CG/JU  
Sample : P3278-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E1ZQ9

Manual IntegrationsAPPROVED

Quant Time: Aug 04 23:22:05 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
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TIC: BP021346.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.640min (+ 0.053) 11.41 ng/ul m

response 65640

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 73.63  |
| 41.00  | 37.90  | 47.00# |
| 42.00  | 27.10  | 29.52  |

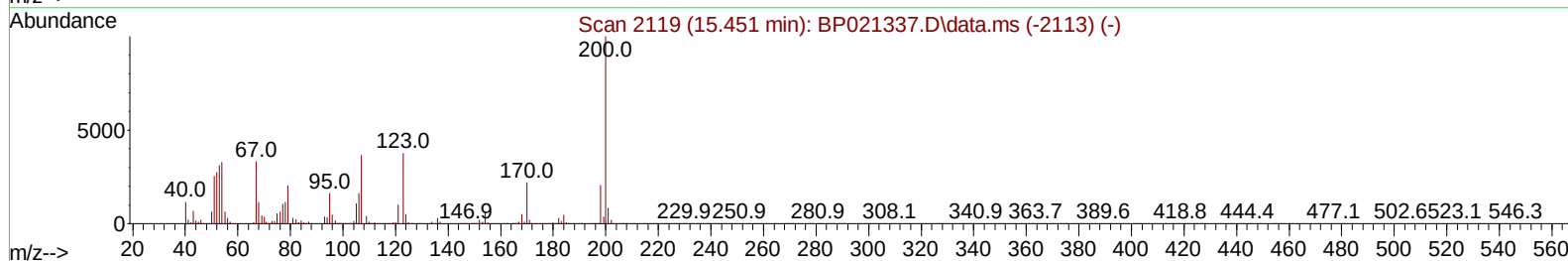
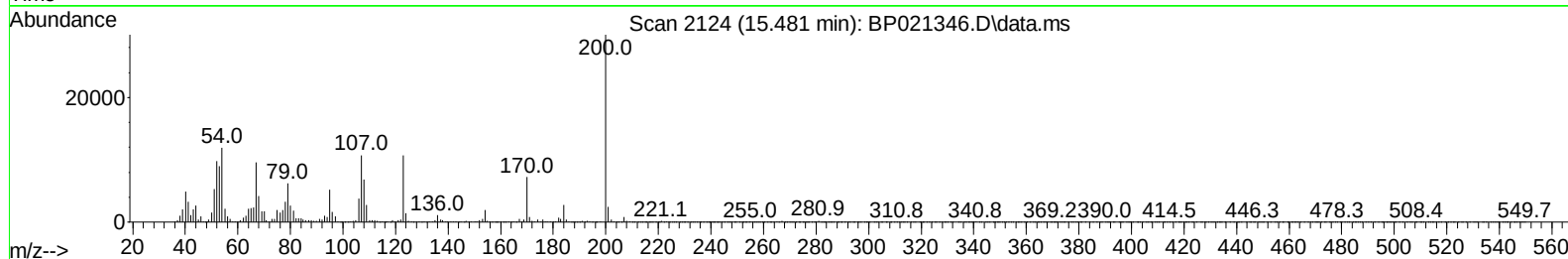
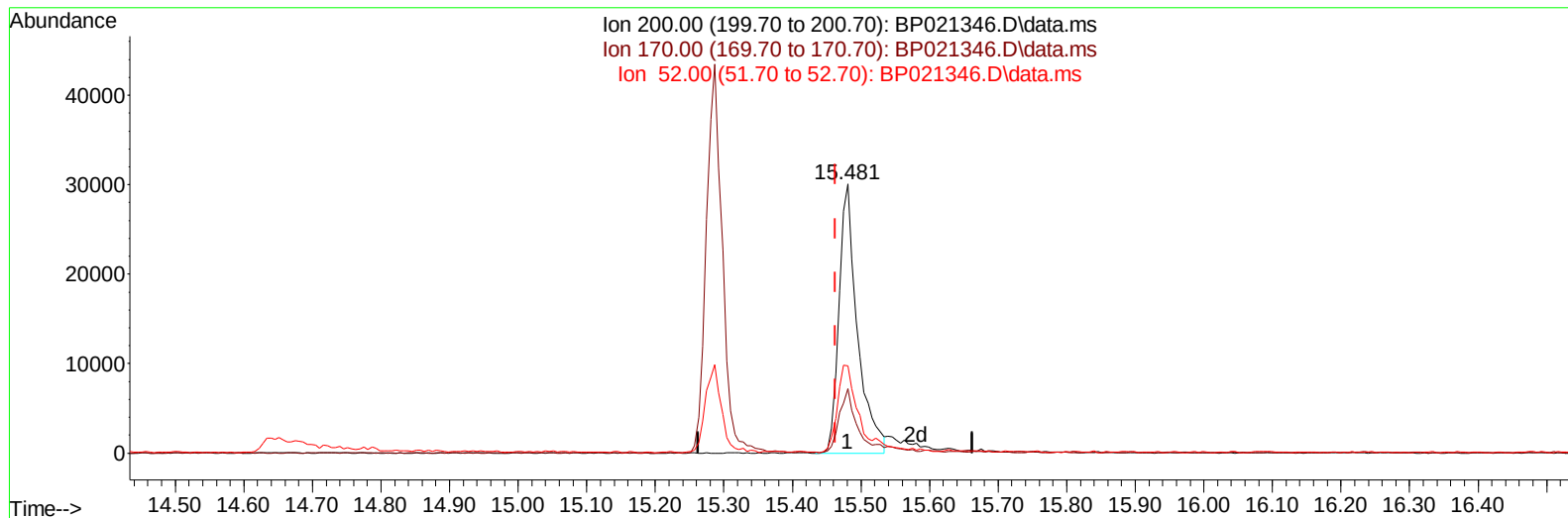
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080324\  
Data File : BP021346.D  
Acq On : 03 Aug 2024 16:09  
Operator : CG/JU  
Sample : P3278-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E1ZQ9

Manual IntegrationsAPPROVED

Quant Time: Aug 04 23:22:05 2024  
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/05/2024  
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021346.D\data.ms

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

15.481min (+ 0.018) 9.07 ng/ul

response 55857

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.00  | 23.95  |
| 52.00  | 38.50  | 32.40  |
| 0.00   | 0.00   | 0.00   |

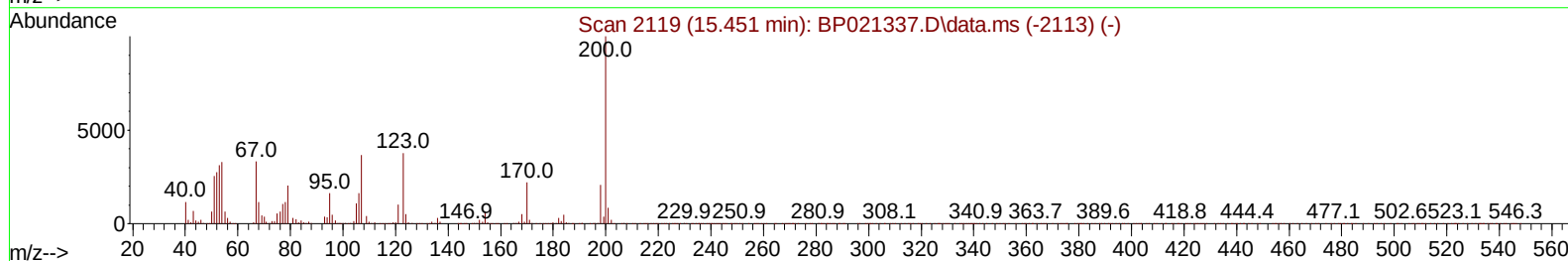
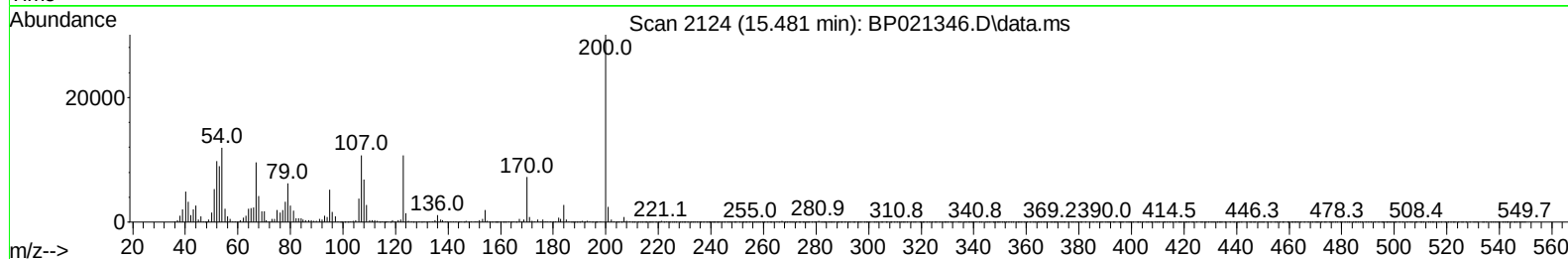
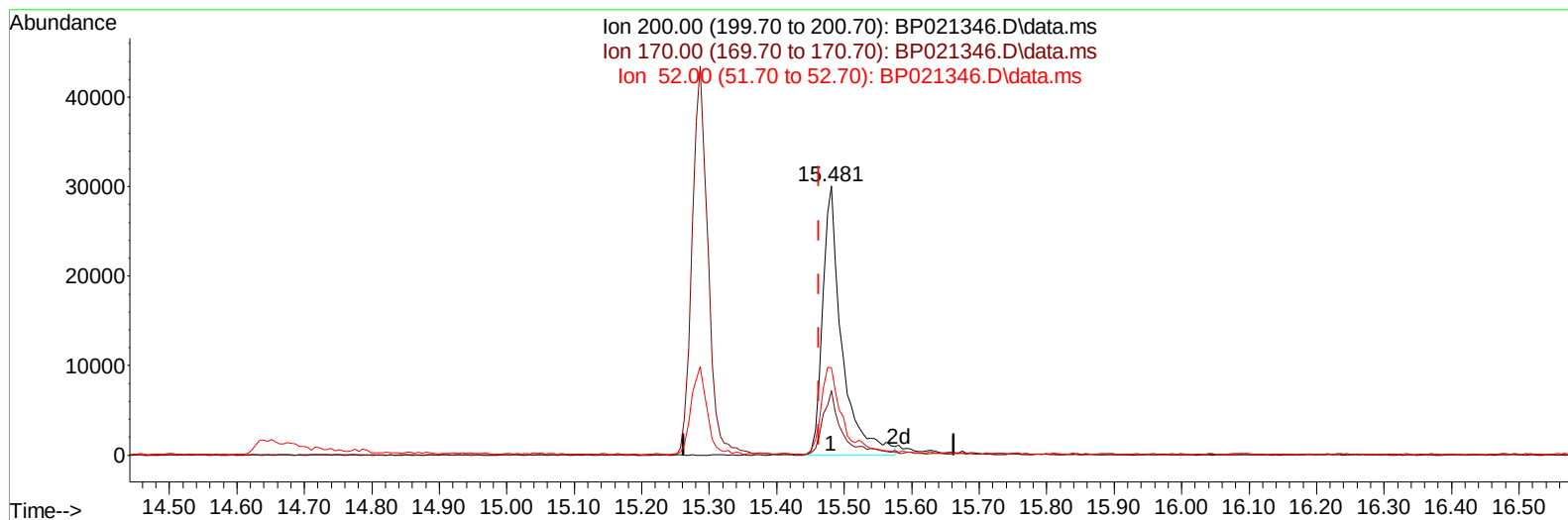
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080324\  
Data File : BP021346.D  
Acq On : 03 Aug 2024 16:09  
Operator : CG/JU  
Sample : P3278-11  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E1ZQ9

Manual IntegrationsAPPROVED

Quant Time: Aug 04 23:22:05 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jul 29 12:46:18 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/05/2024  
Supervised By :mohammad ahmed 08/05/2024



TIC: BP021346.D\data.ms

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

15.481min (+ 0.018) 9.63 ng/ul m

response 59291

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.00  | 23.95  |
| 52.00  | 38.50  | 32.40  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080324\  
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 Acq On : 03 Aug 2024 16:09  
 Operator : CG/JU  
 Sample : P3278-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E1ZQ9

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024  
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 04 23:53:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 29 12:46:18 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.616  | 152  | 223387   | 20.000 | ng/ul | -0.02    |
| 20) Naphthalene-d8            | 10.375 | 136  | 884492   | 20.000 | ng/ul | -0.02    |
| 38) Acenaphthene-d10          | 14.263 | 164  | 556004   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.081 | 188  | 1017943  | 20.000 | ng/ul | -0.01    |
| 79) Chrysene-d12              | 21.533 | 240  | 809864   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.821 | 264  | 1099613  | 20.000 | ng/ul | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.164  | 96   | 14823    | 3.020  | ng/uL | -0.01    |
| 4) Pyridine-d5                | 3.587  | 84   | 193644   | 13.626 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.852  | 99   | 273411   | 15.013 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.969  | 67   | 177812   | 16.111 | ng/ul | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.175  | 132  | 240761   | 16.045 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.363  | 113  | 237446   | 15.698 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.787  | 128  | 108073   | 15.731 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.499  | 143  | 123803   | 15.745 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.057 | 165  | 216389m  | 15.219 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 303284   | 16.101 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.675 | 166  | 715557   | 17.704 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 13.957 | 160  | 786440   | 17.328 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.640 | 143  | 65640m   | 11.414 | ng/ul | 0.05     |
| 60) Fluorene-d10              | 15.287 | 176  | 596235   | 17.981 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.481 | 200  | 59291m   | 9.627  | ng/ul | 0.02     |
| 73) Anthracene-d10            | 17.192 | 188  | 831766   | 18.397 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.581 | 212  | 868063   | 17.337 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.610 | 264  | 1046989  | 19.305 | ng/ul | 0.01     |

Target Compounds Qvalue

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

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Instrument :  
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Quant Time: Aug 04 23:53:36 2024  
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