

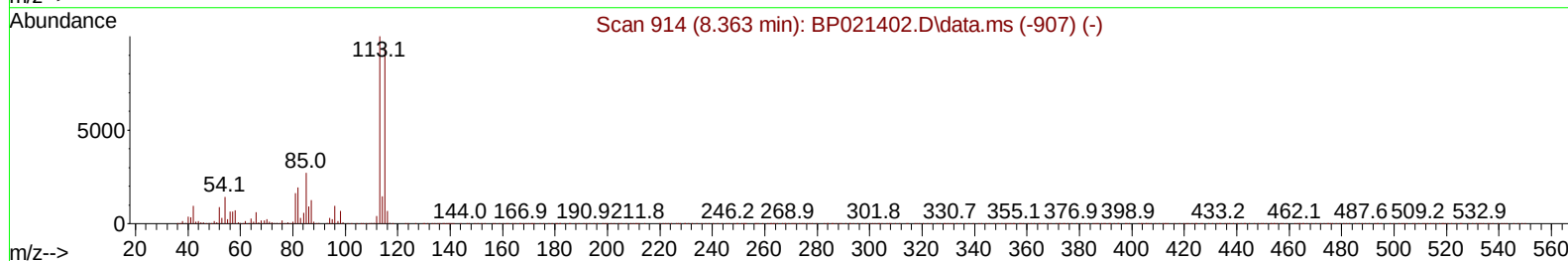
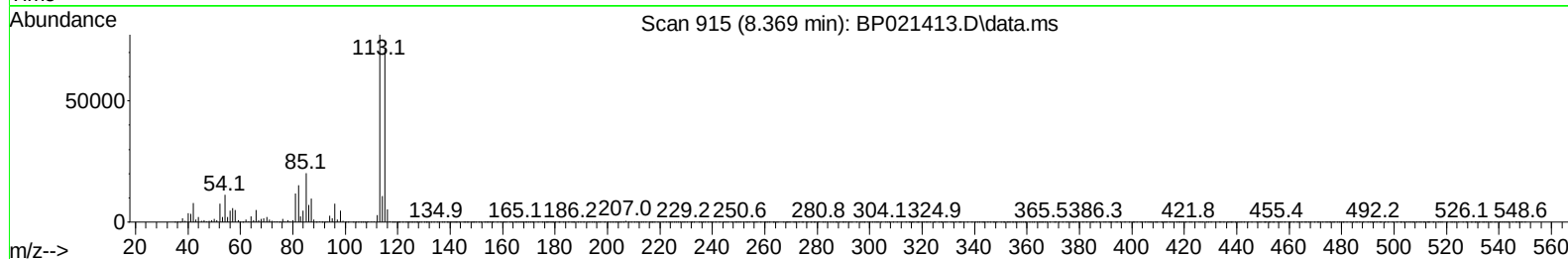
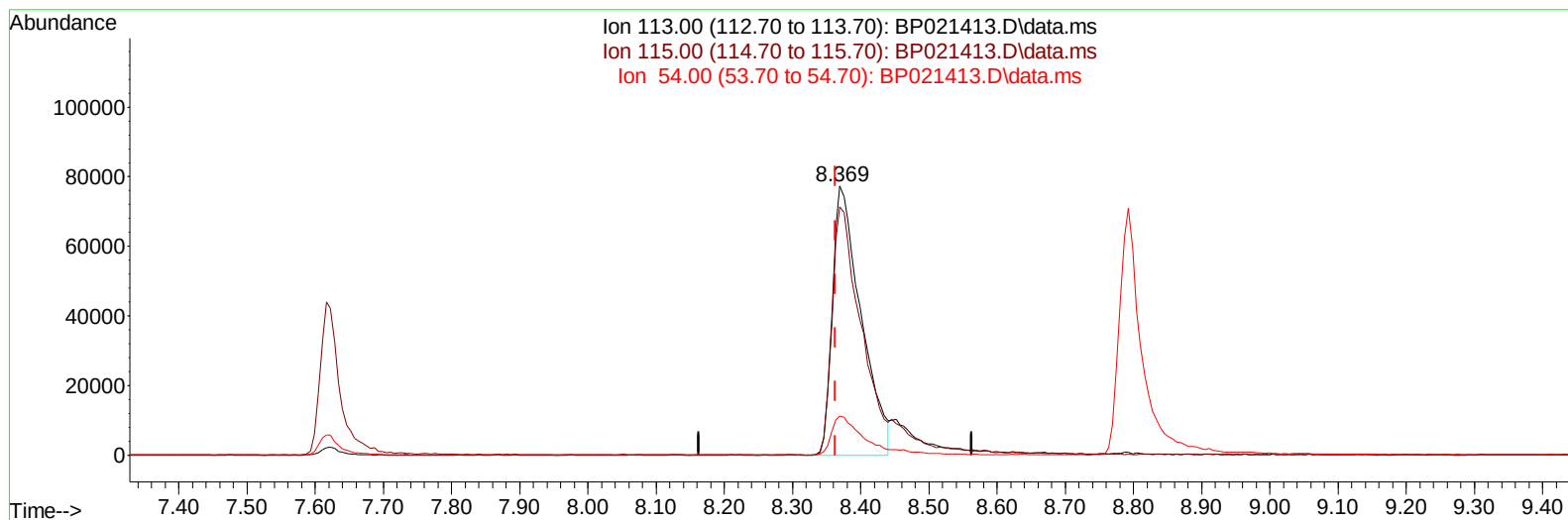
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
Data File : BP021413.D  
Acq On : 07 Aug 2024 09:44  
Operator : CG/JU  
Sample : PB162412BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK412

Manual IntegrationsAPPROVED

Quant Time: Aug 07 10:53:11 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 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



TIC: BP021413.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.369min (+ 0.006) 23.80 ng/u1

response 226536

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 93.20  | 92.31  |
| 54.00  | 13.70  | 14.53  |
| 0.00   | 0.00   | 0.00   |

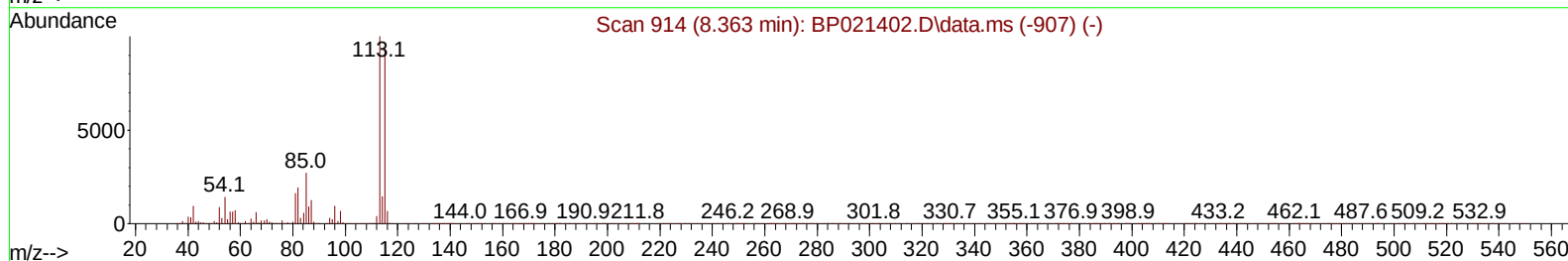
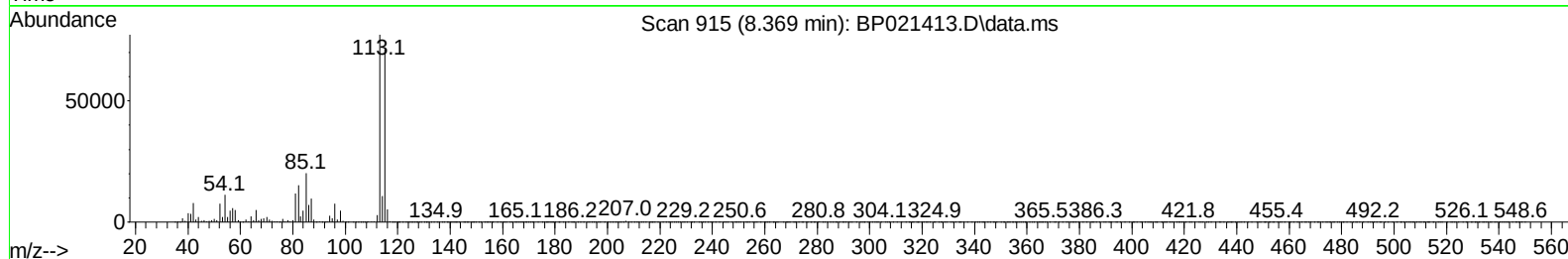
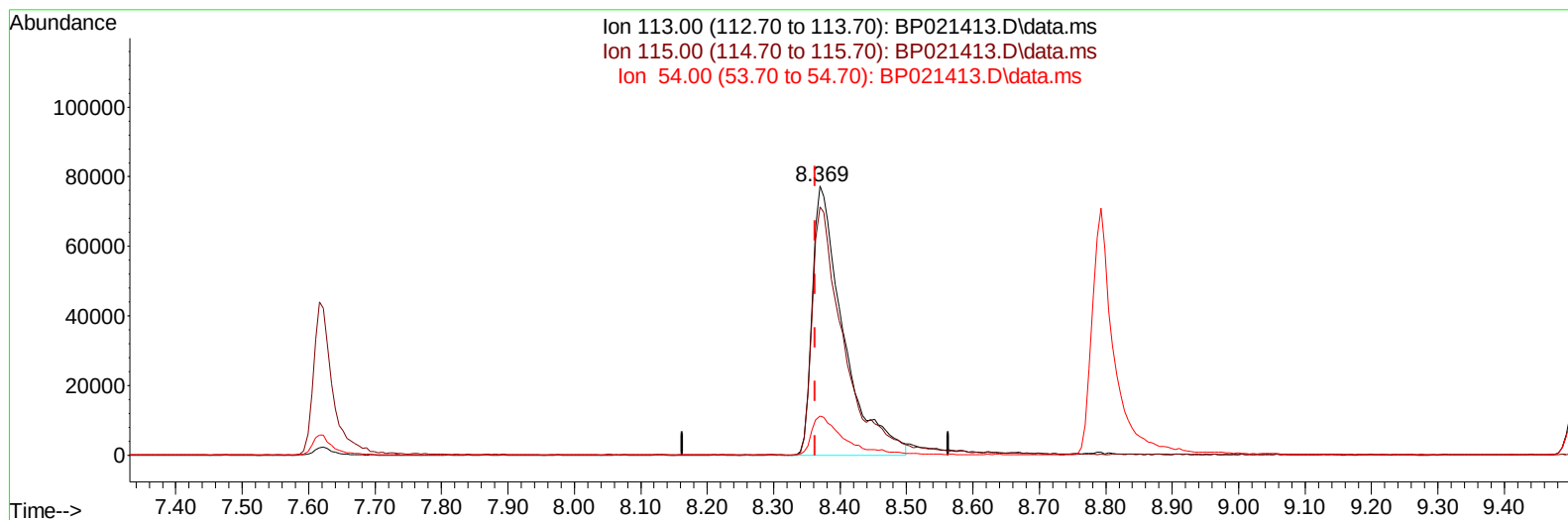
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
Data File : BP021413.D  
Acq On : 07 Aug 2024 09:44  
Operator : CG/JU  
Sample : PB162412BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



TIC: BP021413.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.369min (+ 0.006) 26.25 ng/ul m

response 249873

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 93.20  | 92.31  |
| 54.00  | 13.70  | 14.53  |
| 0.00   | 0.00   | 0.00   |

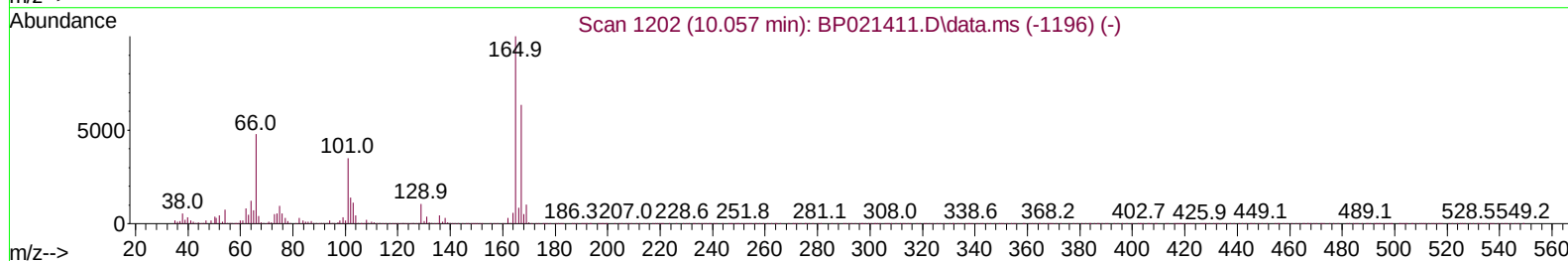
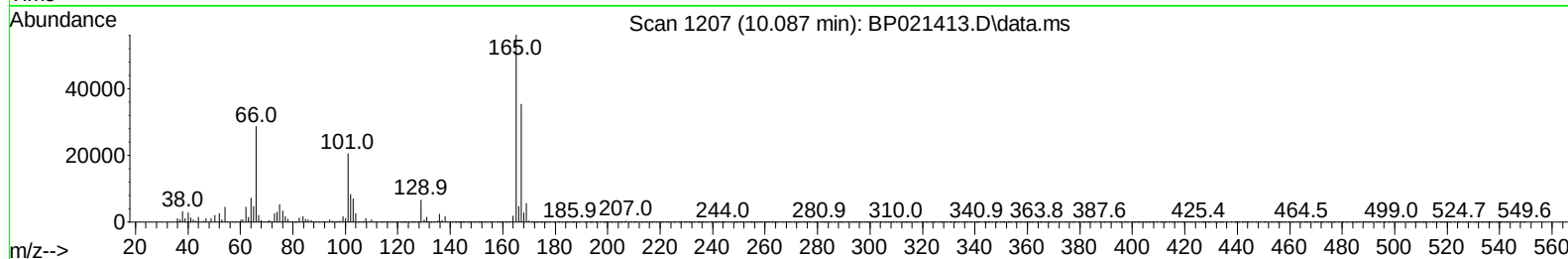
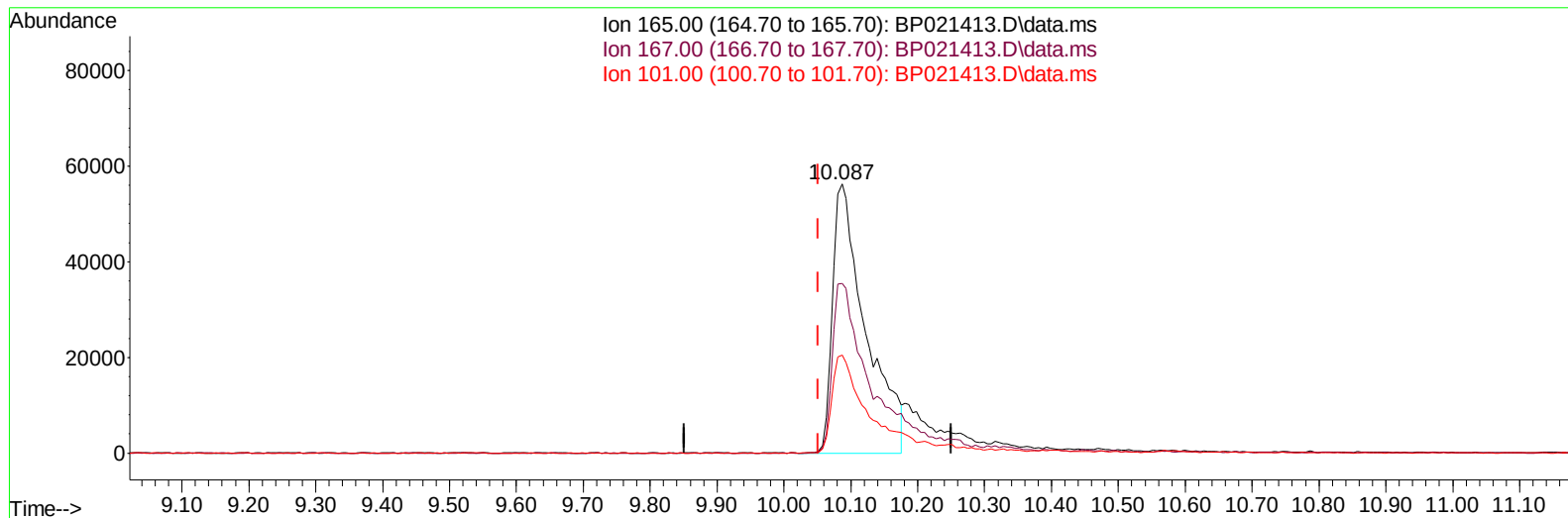
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
Data File : BP021413.D  
Acq On : 07 Aug 2024 09:44  
Operator : CG/JU  
Sample : PB162412BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK412

Manual IntegrationsAPPROVED

Quant Time: Aug 07 10:51:46 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 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



TIC: BP021413.D\data.ms

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

10.087min (+ 0.036) 21.27 ng/ul

response 192854

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 62.80  | 63.11  |
| 101.00 | 35.50  | 36.51  |
| 0.00   | 0.00   | 0.00   |

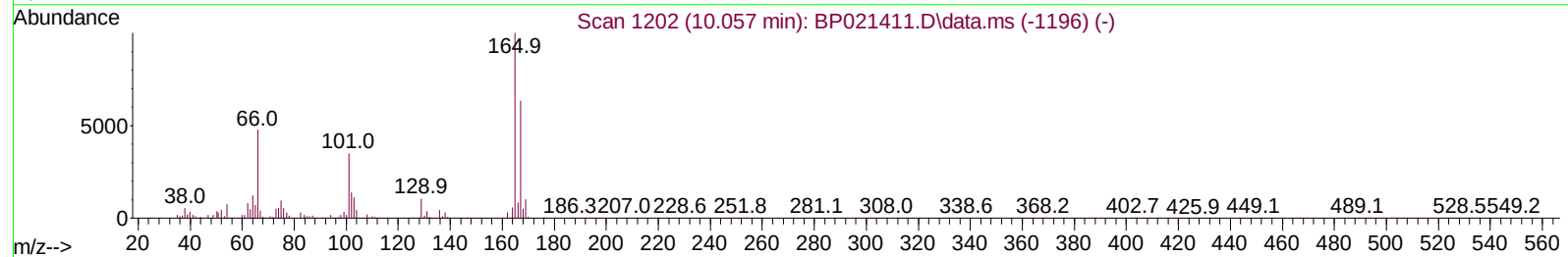
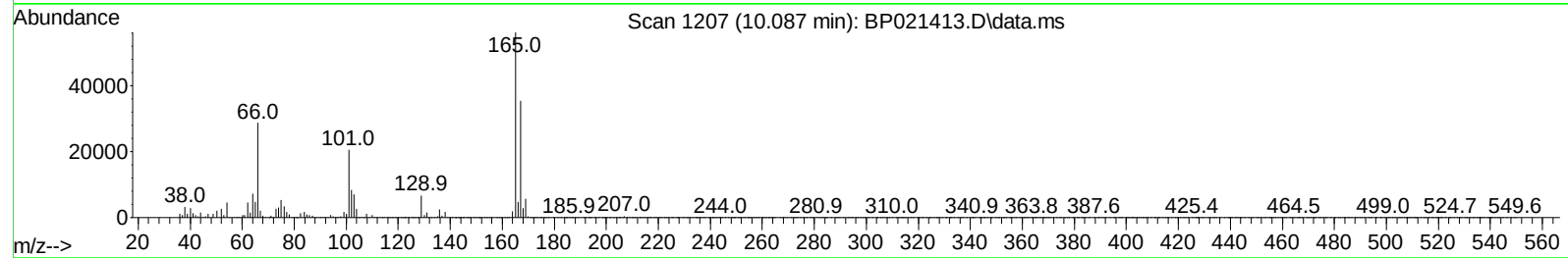
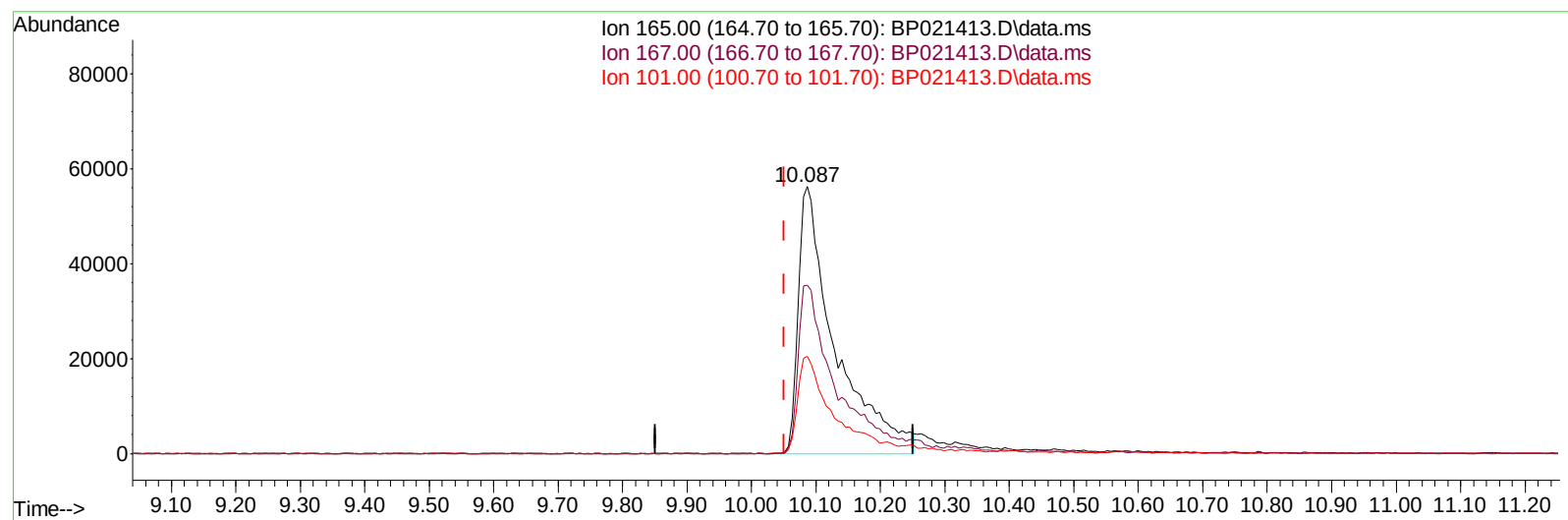
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
Data File : BP021413.D  
Acq On : 07 Aug 2024 09:44  
Operator : CG/JU  
Sample : PB162412BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK412

Manual IntegrationsAPPROVED

Quant Time: Aug 07 10:51:46 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 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



TIC: BP021413.D\data.ms

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

10.087min (+ 0.036) 24.54 ng/ul m

response 222507

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 62.80  | 63.11  |
| 101.00 | 35.50  | 36.51  |
| 0.00   | 0.00   | 0.00   |

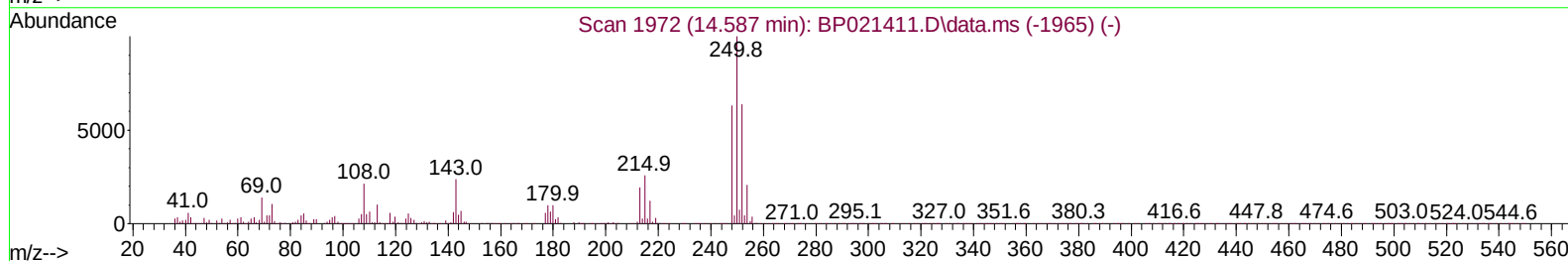
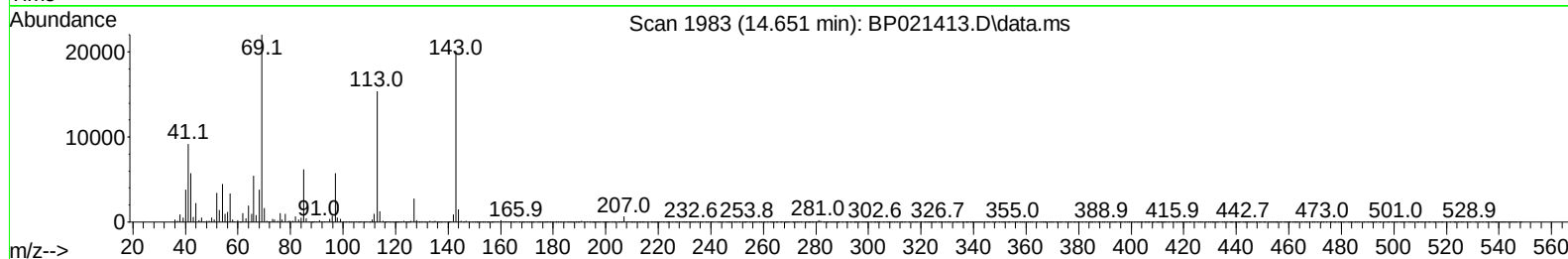
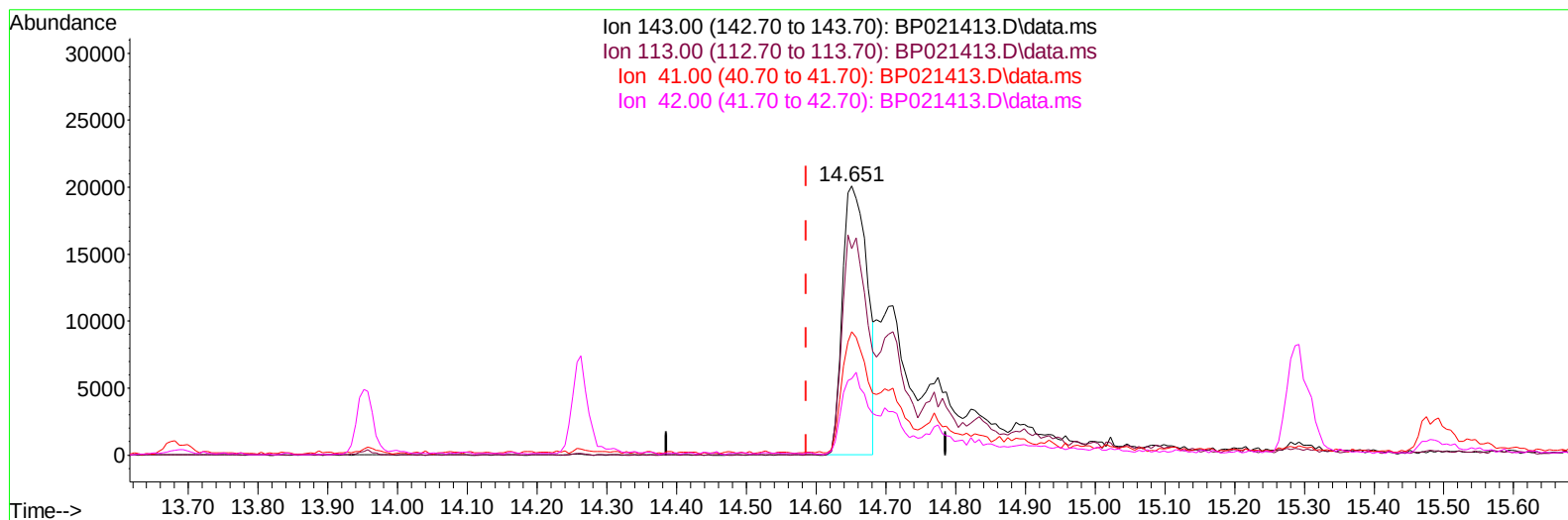
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
Data File : BP021413.D  
Acq On : 07 Aug 2024 09:44  
Operator : CG/JU  
Sample : PB162412BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK412

Manual IntegrationsAPPROVED

Quant Time: Aug 07 10:51:46 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 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



TIC: BP021413.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.651min (+ 0.065) 12.46 ng/ul

response 48995

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 76.75  |
| 41.00  | 37.90  | 45.88# |
| 42.00  | 27.10  | 28.47  |

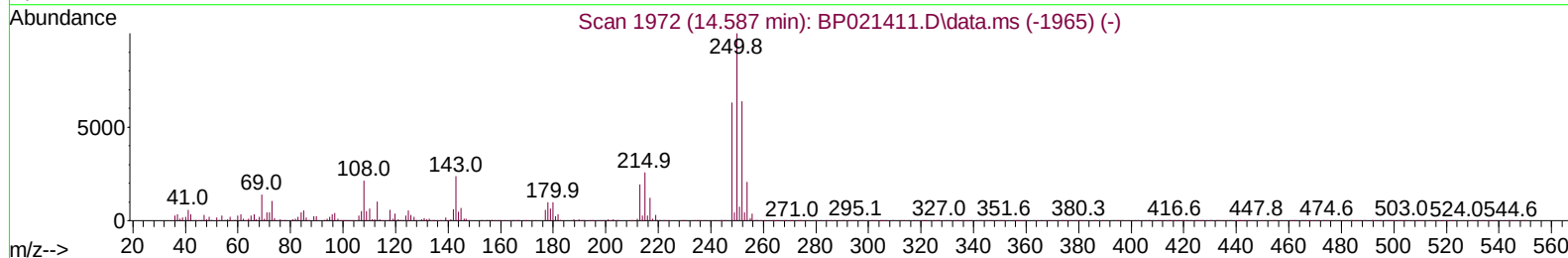
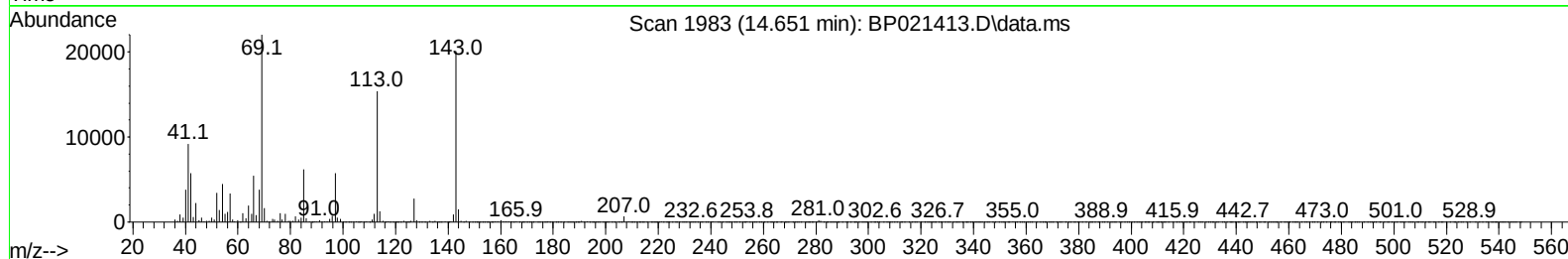
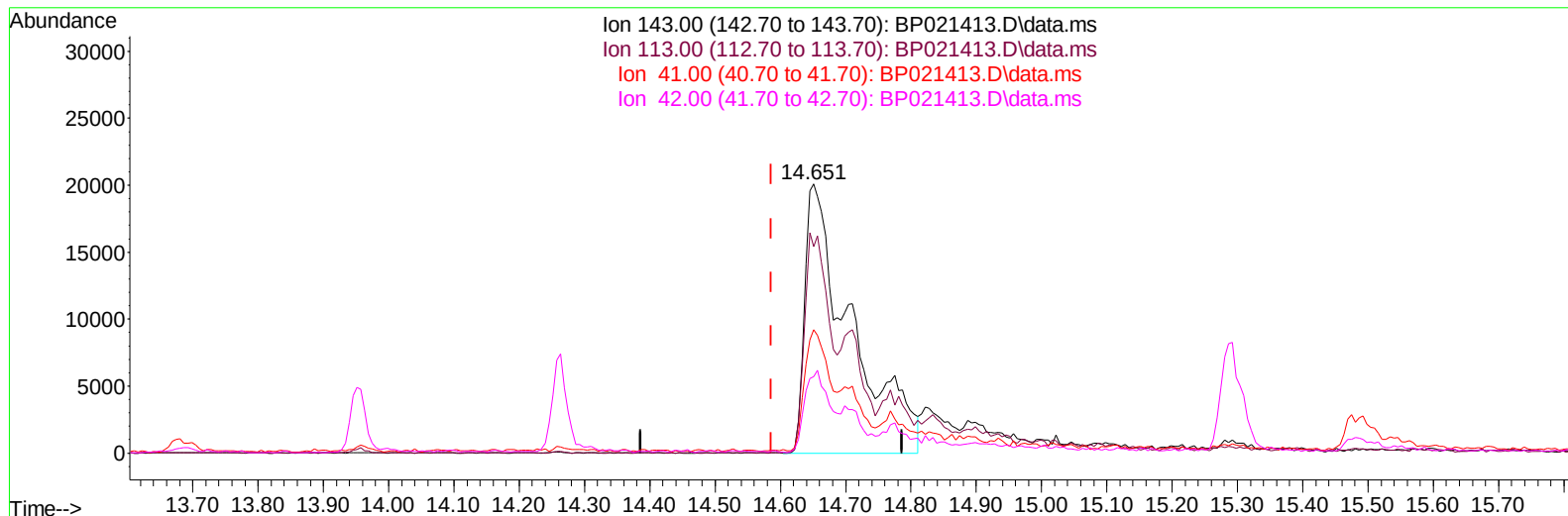
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
Data File : BP021413.D  
Acq On : 07 Aug 2024 09:44  
Operator : CG/JU  
Sample : PB162412BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK412

Manual IntegrationsAPPROVED

Quant Time: Aug 07 10:51:46 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 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



TIC: BP021413.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.651min (+ 0.065) 24.82 ng/ul m

response 97608

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 76.75  |
| 41.00  | 37.90  | 45.88# |
| 42.00  | 27.10  | 28.47  |

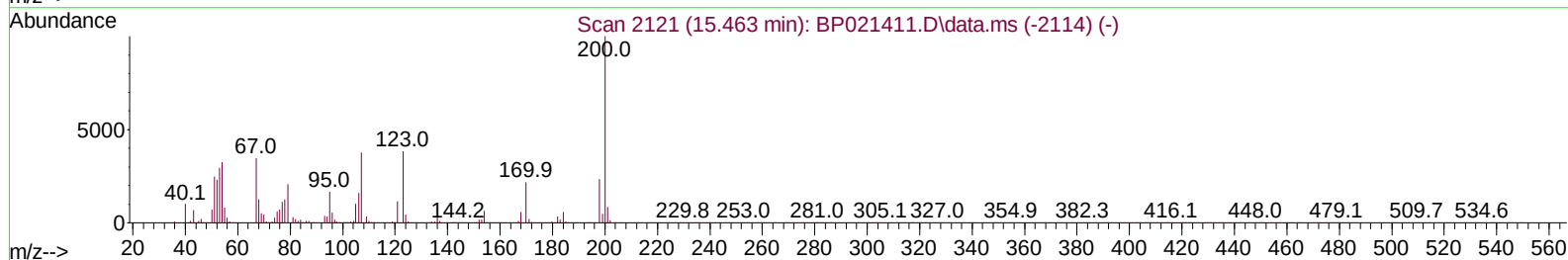
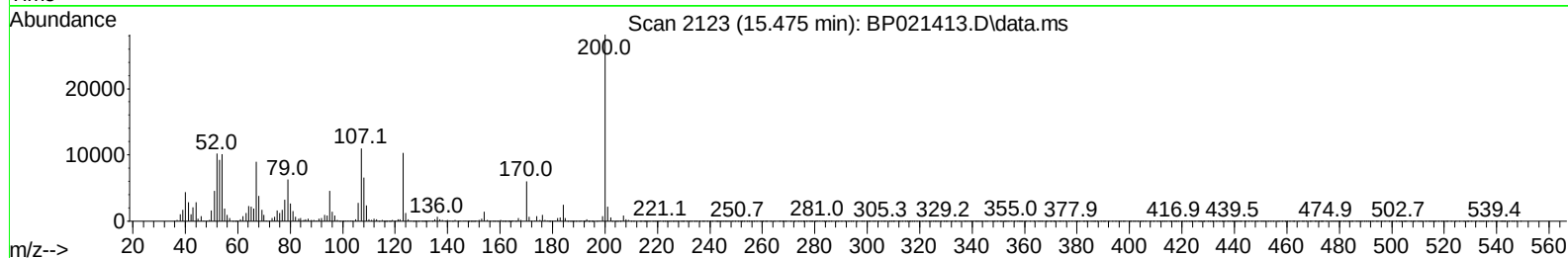
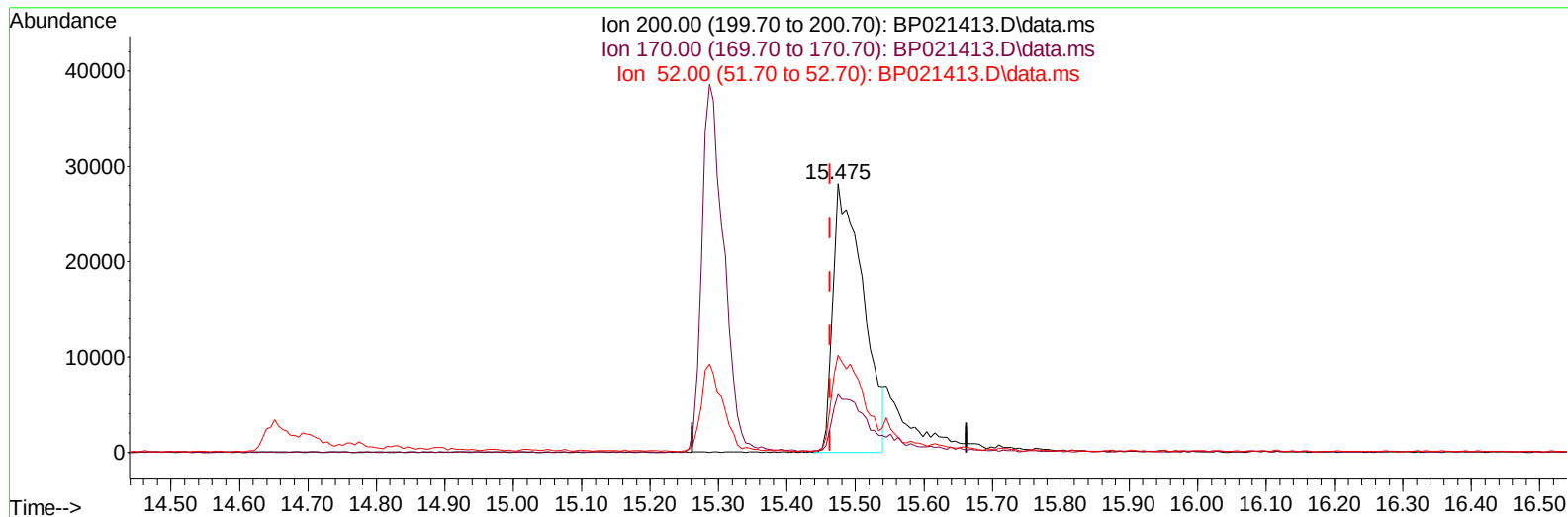
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
Data File : BP021413.D  
Acq On : 07 Aug 2024 09:44  
Operator : CG/JU  
Sample : PB162412BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK412

Manual IntegrationsAPPROVED

Quant Time: Aug 07 10:51:46 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 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



TIC: BP021413.D\data.ms

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

15.475min (+ 0.012) 16.92 ng/ul

response 85984

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.00  | 21.48  |
| 52.00  | 38.50  | 36.14  |
| 0.00   | 0.00   | 0.00   |

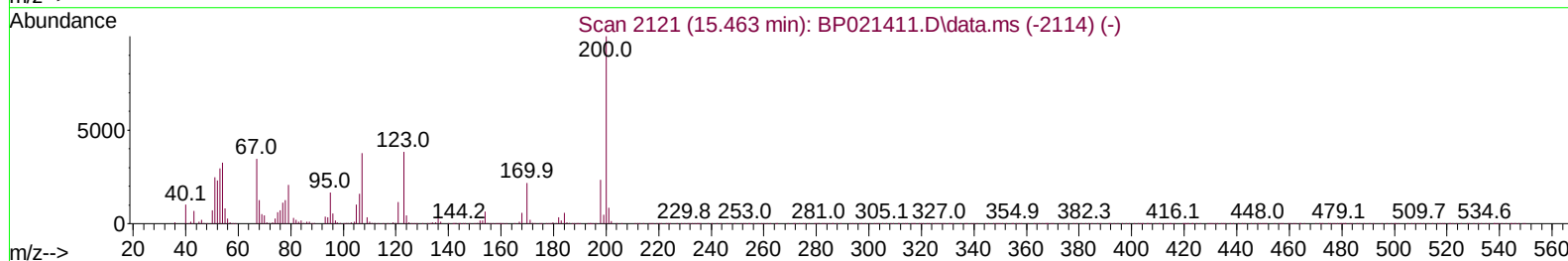
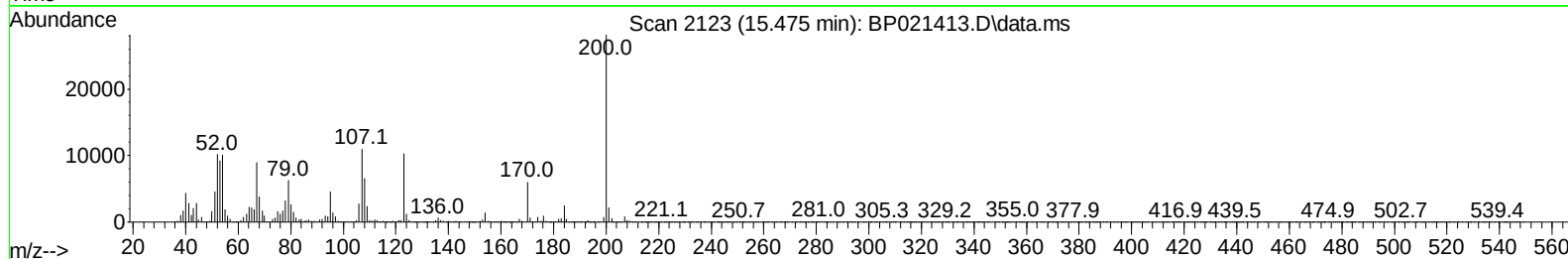
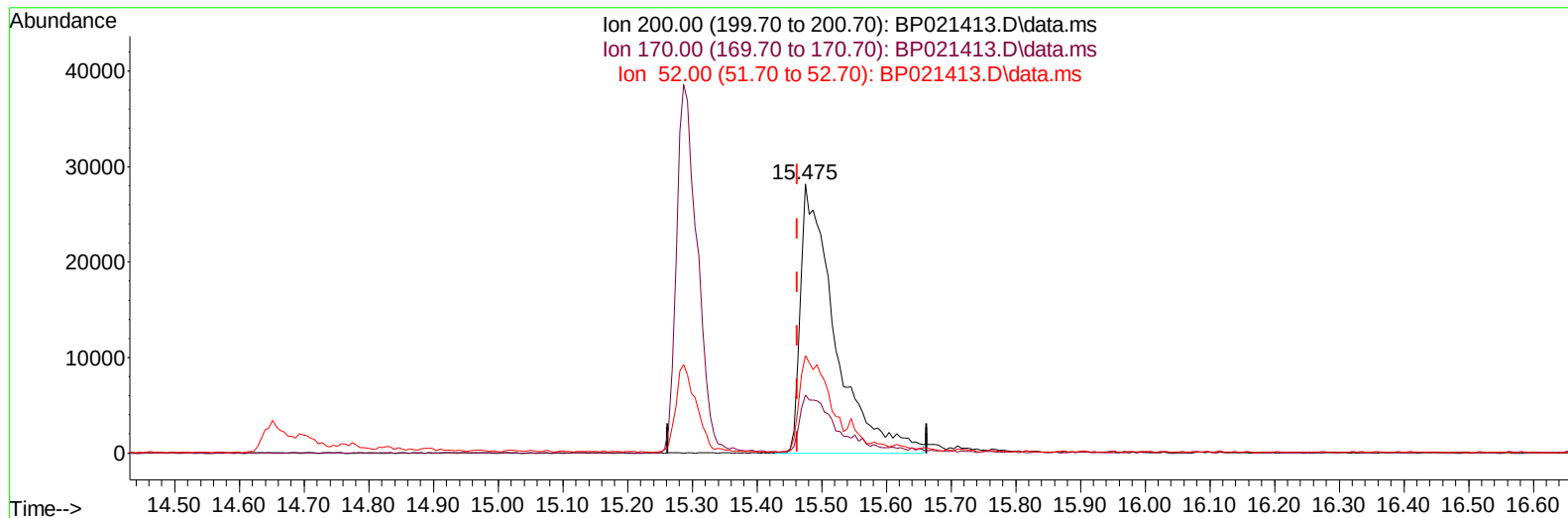
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
Data File : BP021413.D  
Acq On : 07 Aug 2024 09:44  
Operator : CG/JU  
Sample : PB162412BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK412

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 07 10:51:46 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



TIC: BP021413.D\data.ms

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

15.475min (+ 0.012) 20.52 ng/ul m

response 104292

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.00  | 21.48  |
| 52.00  | 38.50  | 36.14  |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
 Data File : BP021413.D  
 Acq On : 07 Aug 2024 09:44  
 Operator : CG/JU  
 Sample : PB162412BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SBLK412

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 02:49:15 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.   | Q   | Ion | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|-------|----------|
| -----                         |        |     |     |          |        |       |          |
| Internal Standards            |        |     |     |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.616  | 152 |     | 140591   | 20.000 | ng/ul | -0.02    |
| 20) Naphthalene-d8            | 10.393 | 136 |     | 564008   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.263 | 164 |     | 380163   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.086 | 188 |     | 839829   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.539 | 240 |     | 813821   | 20.000 | ng/ul | # 0.00   |
| 88) Perylene-d12              | 24.810 | 264 |     | 956130   | 20.000 | ng/ul | -0.02    |
| System Monitoring Compounds   |        |     |     |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.158  | 96  |     | 19281    | 6.241  | ng/uL | -0.02    |
| 4) Pyridine-d5                | 3.581  | 84  |     | 235873   | 26.371 | ng/ul | -0.01    |
| 7) Phenol-d5                  | 6.858  | 99  |     | 249942   | 21.806 | ng/ul | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.981  | 67  |     | 143273   | 20.626 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.181  | 132 |     | 225885   | 23.919 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.369  | 113 |     | 249873m  | 26.248 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.793  | 128 |     | 122474   | 27.957 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.510  | 143 |     | 135718   | 27.068 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.087 | 165 |     | 222507m  | 24.542 | ng/ul | 0.04     |
| 31) 4-Chloroaniline-d4        | 10.575 | 131 |     | 329921   | 27.468 | ng/ul | 0.02     |
| 46) Dimethylphthalate-d6      | 13.681 | 166 |     | 750429   | 27.154 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 13.951 | 160 |     | 778909   | 25.101 | ng/ul | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.651 | 143 |     | 97608m   | 24.824 | ng/ul | 0.07     |
| 60) Fluorene-d10              | 15.287 | 176 |     | 708764   | 31.261 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 200 |     | 104292m  | 20.524 | ng/ul | 0.01     |
| 73) Anthracene-d10            | 17.186 | 188 |     | 1197198  | 32.096 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.575 | 212 |     | 1528497  | 30.379 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.586 | 264 |     | 1439233  | 30.521 | ng/ul | -0.01    |

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
Data File : BP021413.D  
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Operator : CG/JU  
Sample : PB162412BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK412

Manual IntegrationsAPPROVED

Quant Time: Aug 08 02:49:15 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024

