

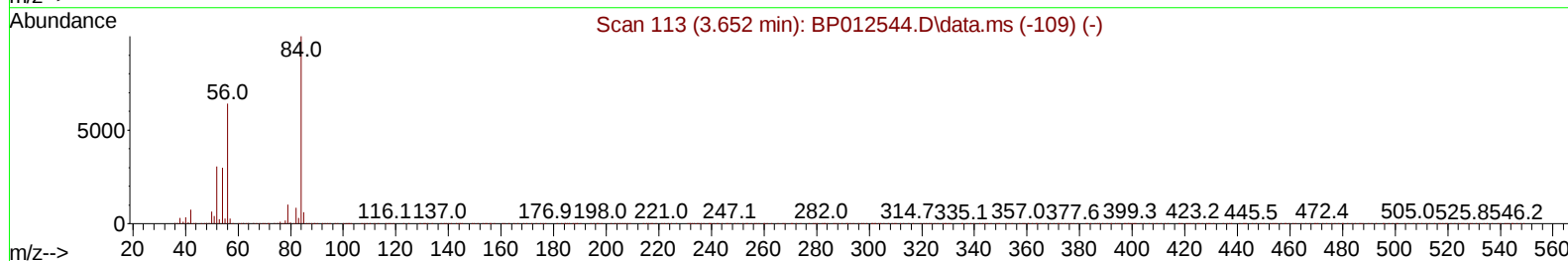
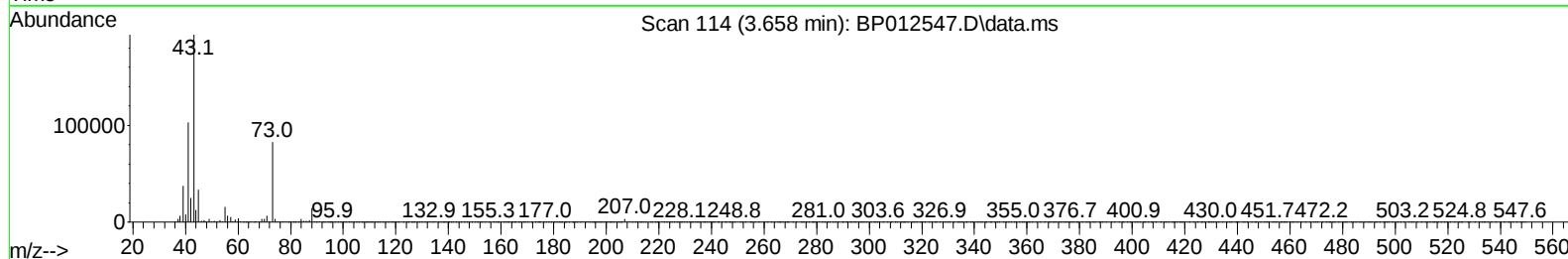
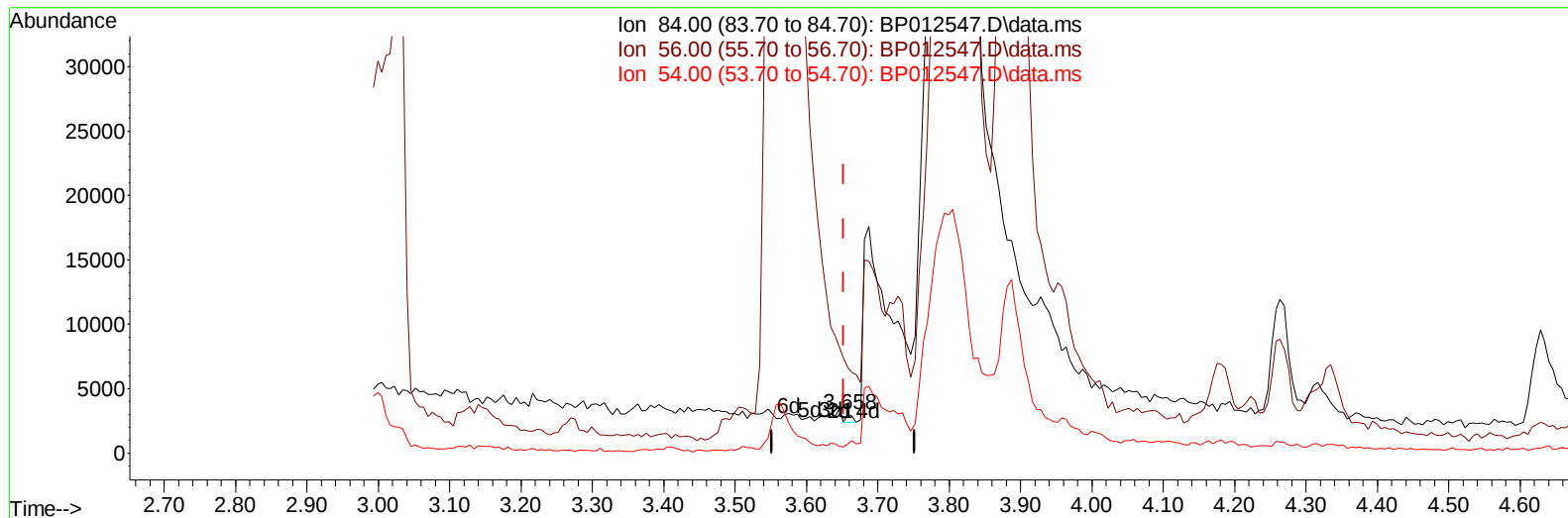
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
Data File : BP012547.D  
Acq On : 08 Nov 2022 11:47  
Operator : CG/JU  
Sample : N5407-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EW4Y1

Manual IntegrationsAPPROVED

Quant Time: Nov 08 21:40:49 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Nov 04 02:53:36 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/09/2022  
Supervised By :mohammad ahmed 11/14/2022



TIC: BP012547.D\data.ms

(4) Pyridine-d5 (S)

3.658min (+ 0.006) 0.02 ng/u1

response 428

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 84.00 | 100.00 | 100.00  |
| 56.00 | 65.20  | 216.63# |
| 54.00 | 29.80  | 23.59#  |
| 0.00  | 0.00   | 0.00    |

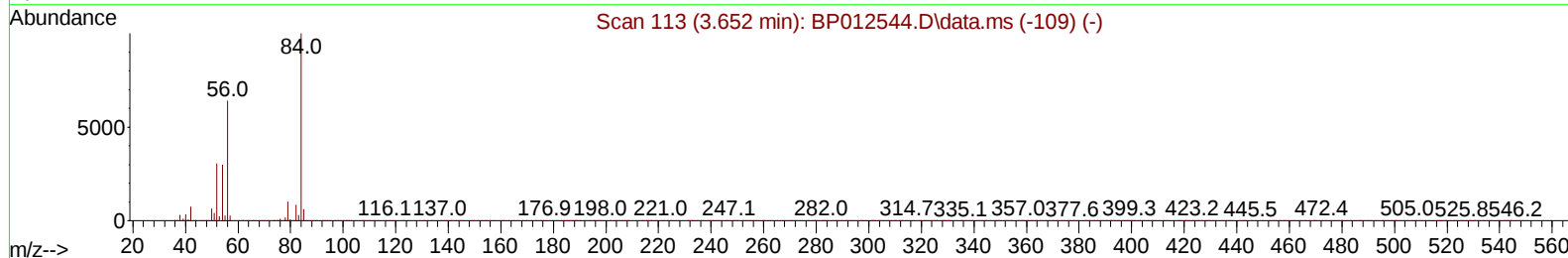
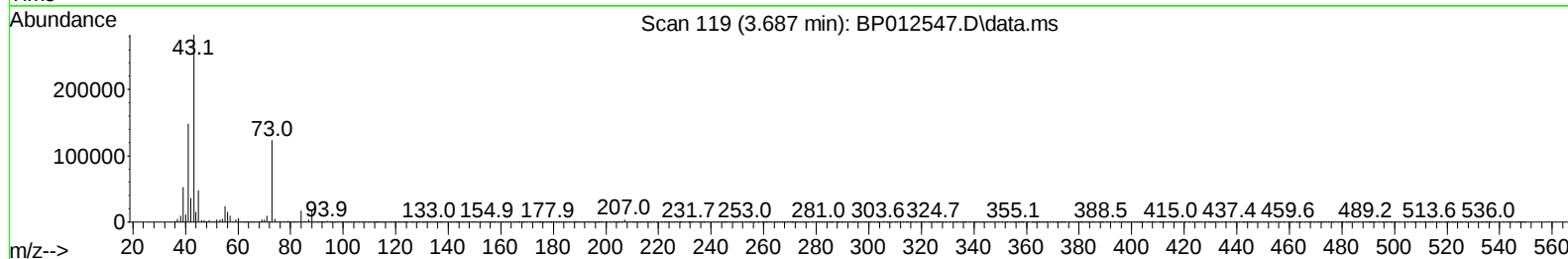
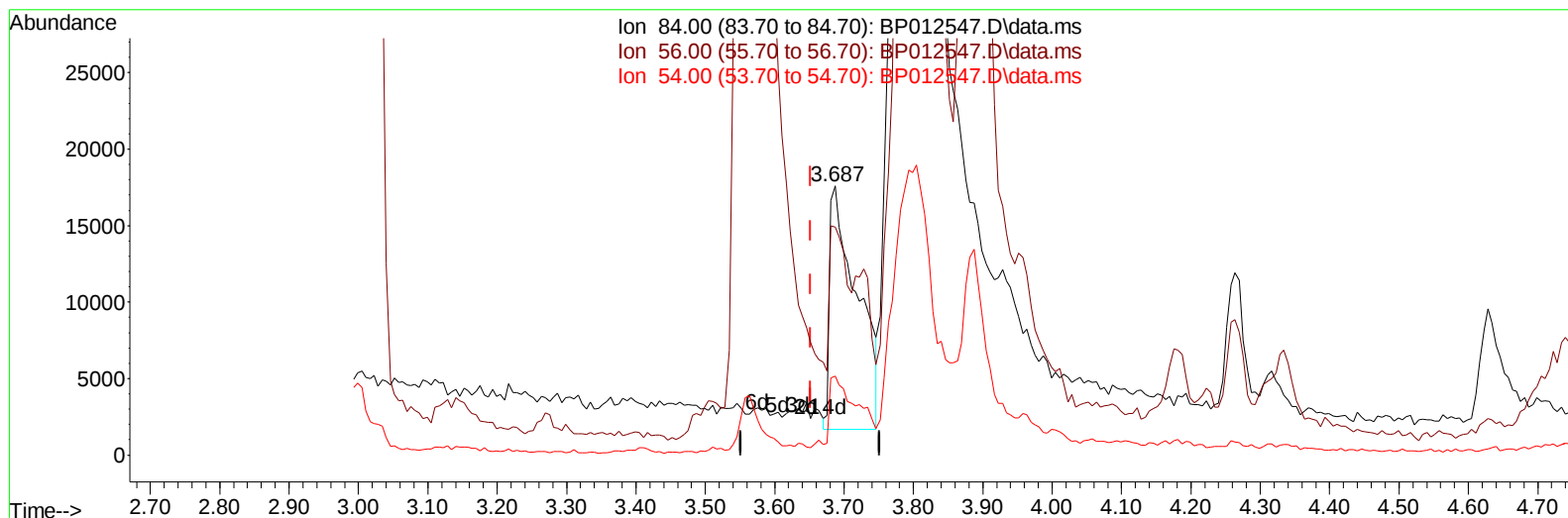
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
 Data File : BP012547.D  
 Acq On : 08 Nov 2022 11:47  
 Operator : CG/JU  
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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EW4Y1

Manual IntegrationsAPPROVED

Quant Time: Nov 08 21:40:49 2022  
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TIC: BP012547.D\data.ms

#### (4) Pyridine-d5 (S)

3.687min (+ 0.035) 1.79 ng/u1 m

response 43607

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 65.20  | 84.80# |
| 54.00 | 29.80  | 29.46  |
| 0.00  | 0.00   | 0.00   |

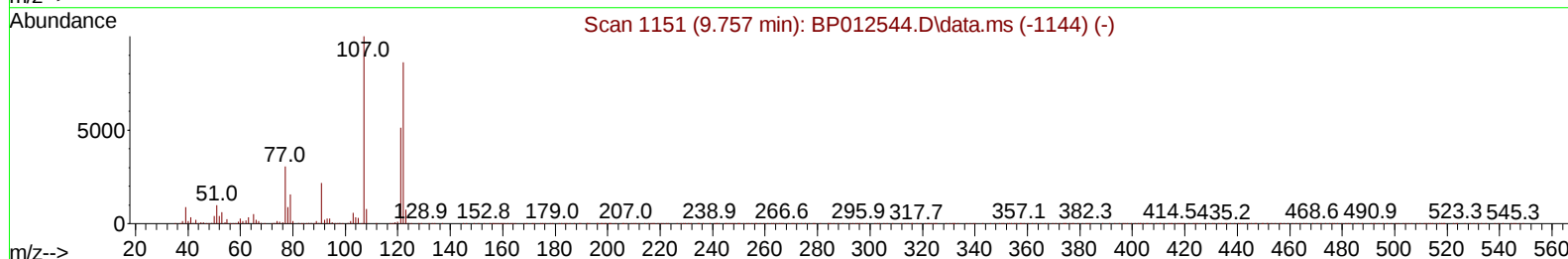
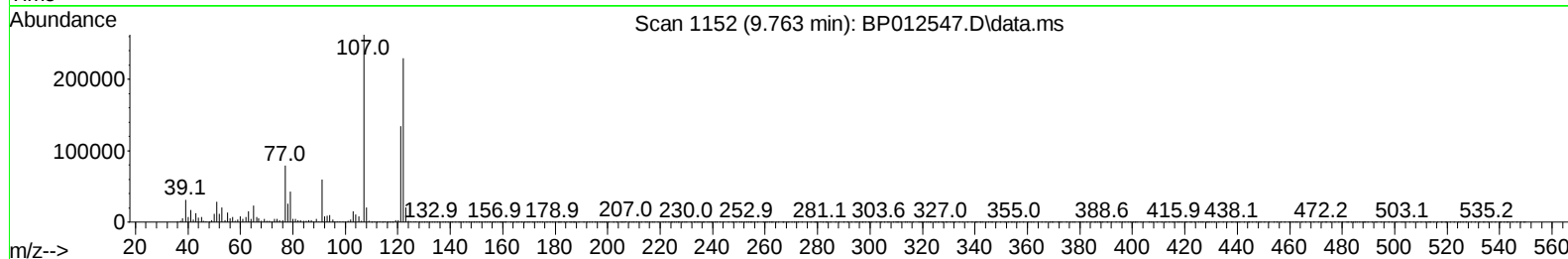
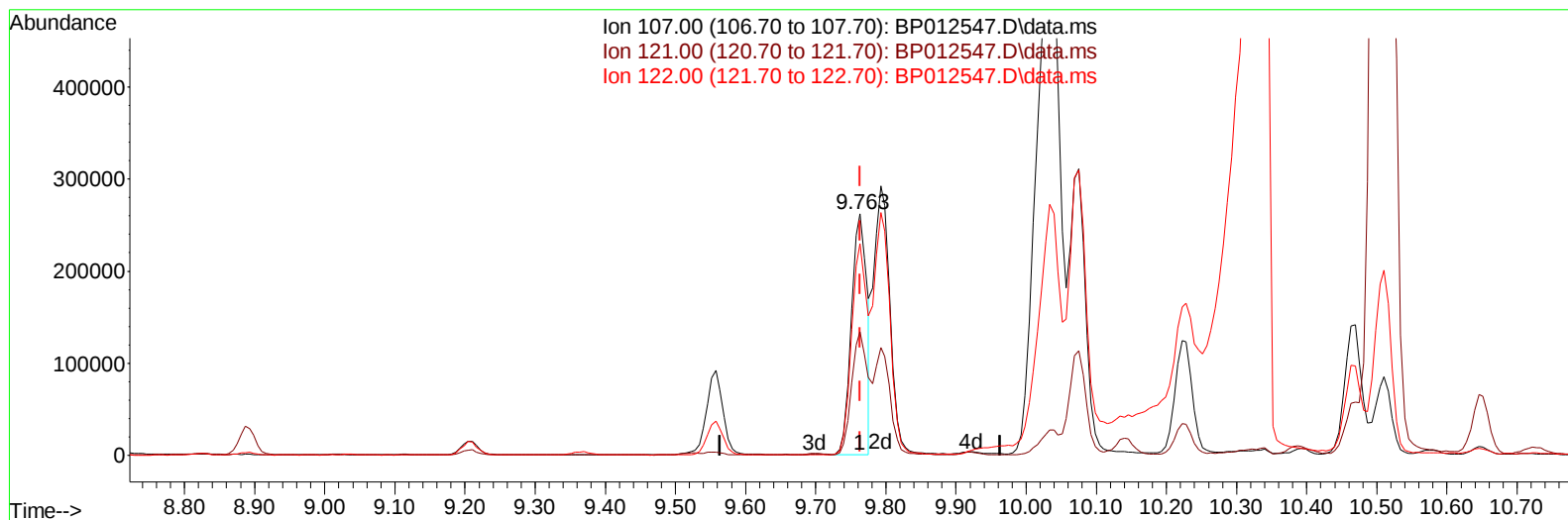
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
 Data File : BP012547.D  
 Acq On : 08 Nov 2022 11:47  
 Operator : CG/JU  
 Sample : N5407-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EW4Y1

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2022  
 Supervised By :mohammad ahmed 11/14/2022

Quant Time: Nov 08 21:40:49 2022  
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TIC: BP012547.D\data.ms

## (26) 2,4-Dimethylphenol

9.763min (+ 0.000) 14.73 ng/ul

response 404514

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 51.10  | 51.21  |
| 122.00 | 88.20  | 87.61  |
| 0.00   | 0.00   | 0.00   |

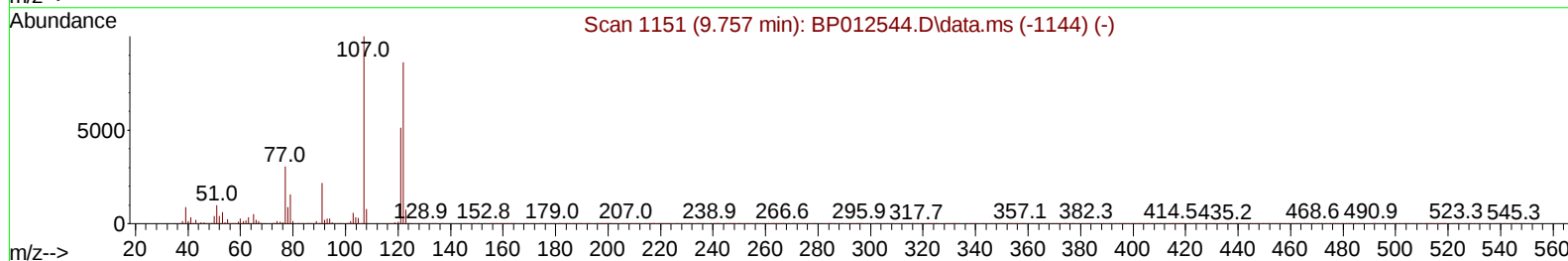
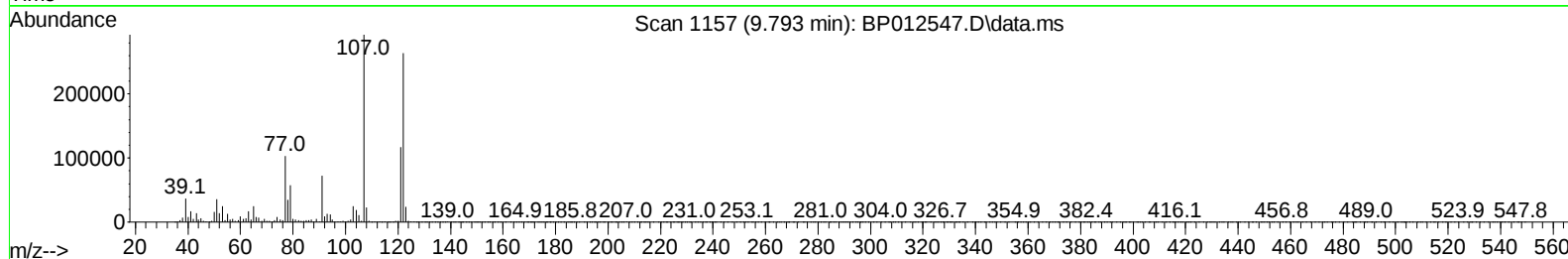
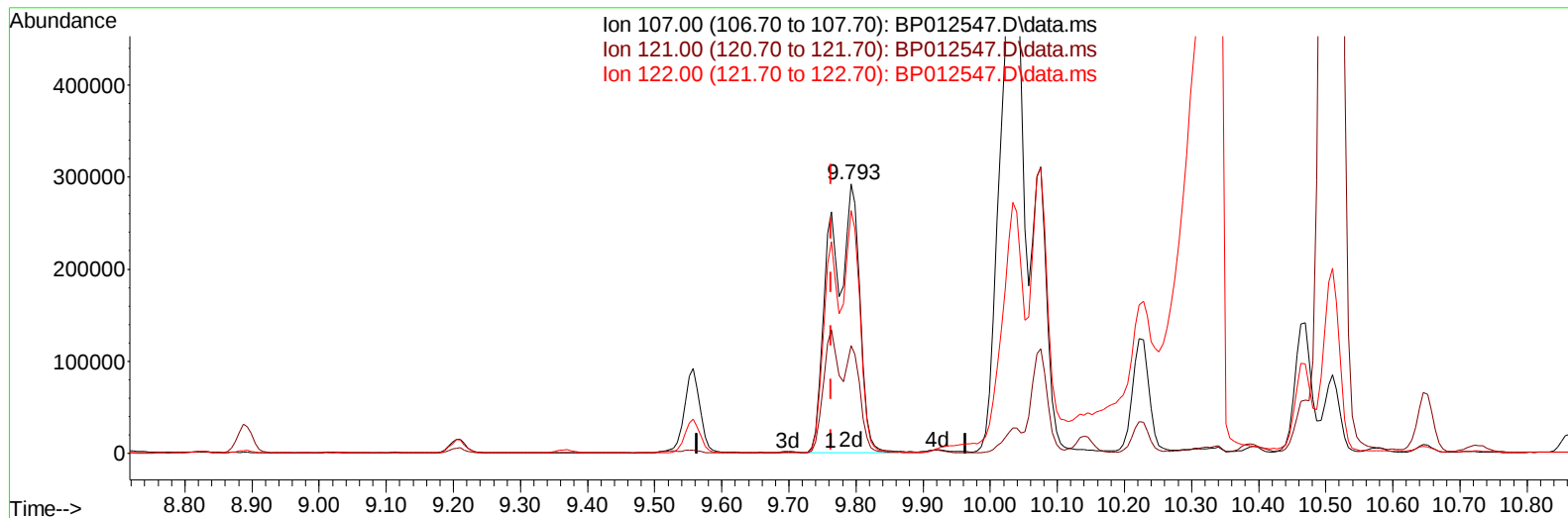
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
 Data File : BP012547.D  
 Acq On : 08 Nov 2022 11:47  
 Operator : CG/JU  
 Sample : N5407-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EW4Y1

Manual IntegrationsAPPROVED

Quant Time: Nov 08 21:40:49 2022  
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TIC: BP012547.D\data.ms

(26) 2,4-Dimethylphenol

9.793min (+ 0.029) 31.96 ng/ul m

response 878064

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 51.10  | 40.01# |
| 122.00 | 88.20  | 90.18  |
| 0.00   | 0.00   | 0.00   |

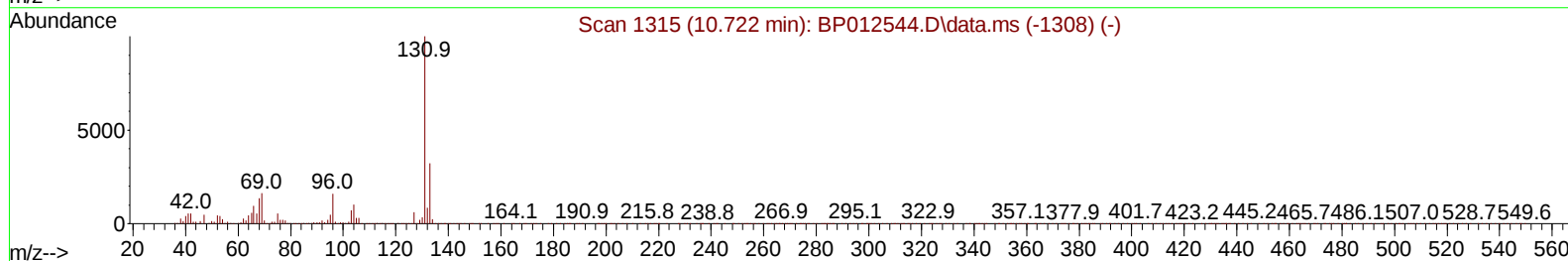
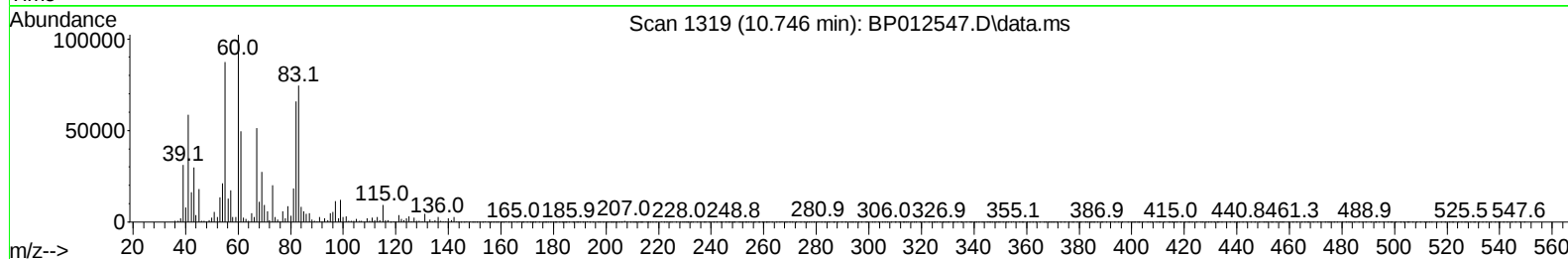
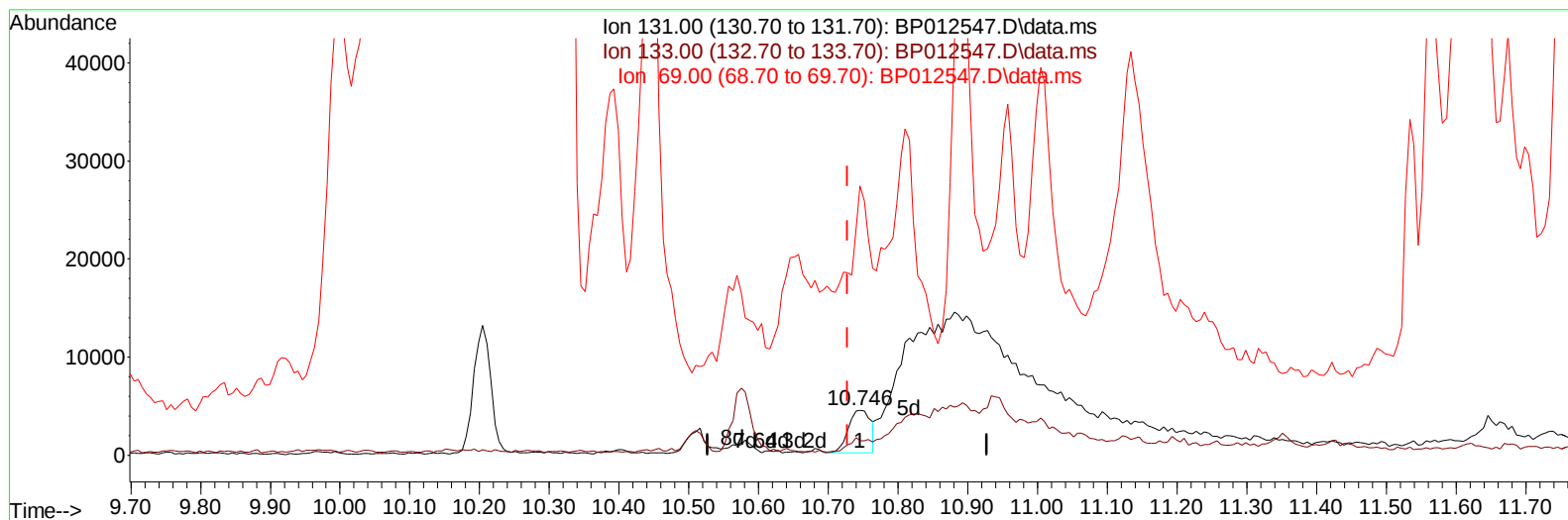
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
 Data File : BP012547.D  
 Acq On : 08 Nov 2022 11:47  
 Operator : CG/JU  
 Sample : N5407-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EW4Y1

Manual IntegrationsAPPROVED

Quant Time: Nov 08 21:40:49 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 04 02:53:36 2022  
 Response via : Initial Calibration

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TIC: BP012547.D\data.ms

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

**10.746min (+ 0.018) 0.28 ng/ul**

**response 9563**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 131.00 | 100.00 | 100.00  |
| 133.00 | 32.20  | 32.42   |
| 69.00  | 16.50  | 600.92# |
| 0.00   | 0.00   | 0.00    |

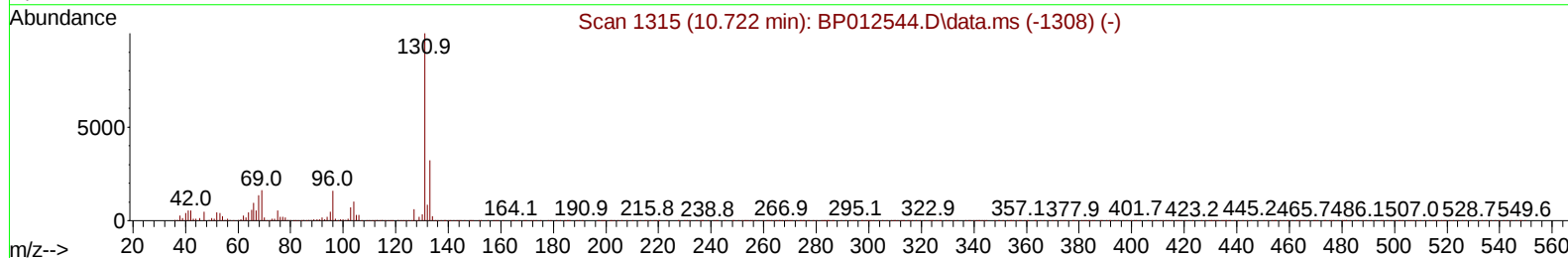
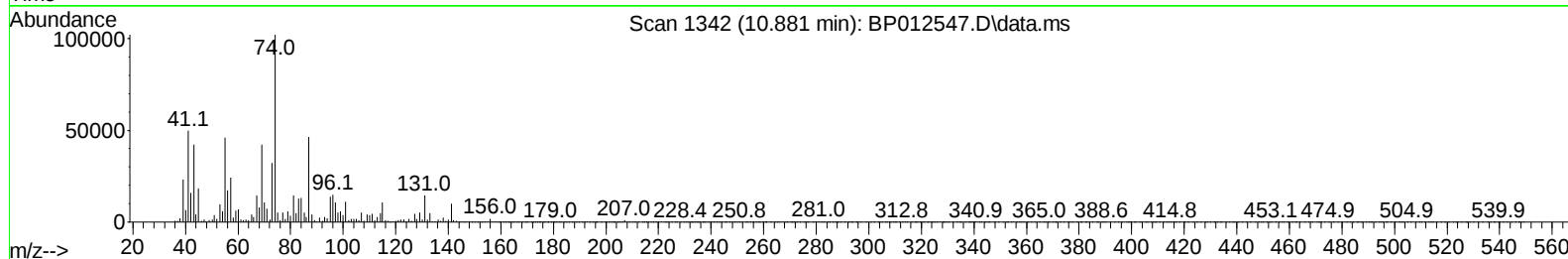
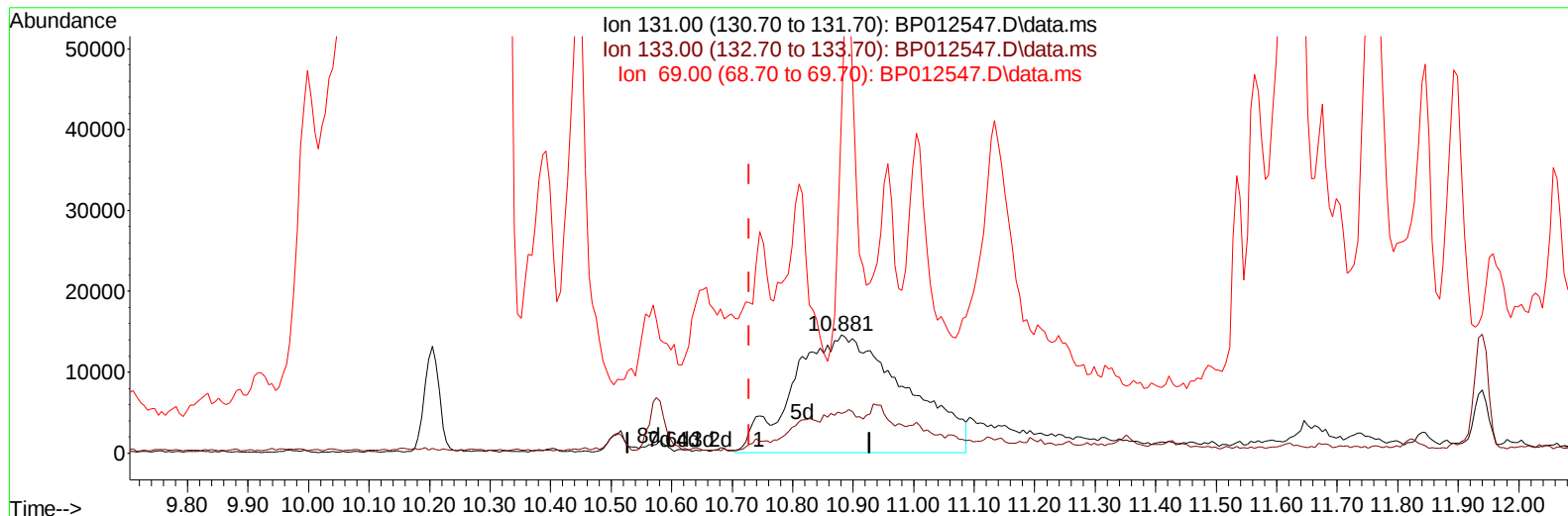
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
Data File : BP012547.D  
Acq On : 08 Nov 2022 11:47  
Operator : CG/JU  
Sample : N5407-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EW4Y1

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2022  
Supervised By :mohammad ahmed 11/14/2022

Quant Time: Nov 08 21:40:49 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Nov 04 02:53:36 2022  
Response via : Initial Calibration



TIC: BP012547.D\data.ms

**(31) 4-Chloroaniline-d4 (S)****10.881min (+ 0.153) 5.63 ng/ul m****response 189471**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 131.00 | 100.00 | 100.00  |
| 133.00 | 32.20  | 33.50   |
| 69.00  | 16.50  | 289.18# |
| 0.00   | 0.00   | 0.00    |

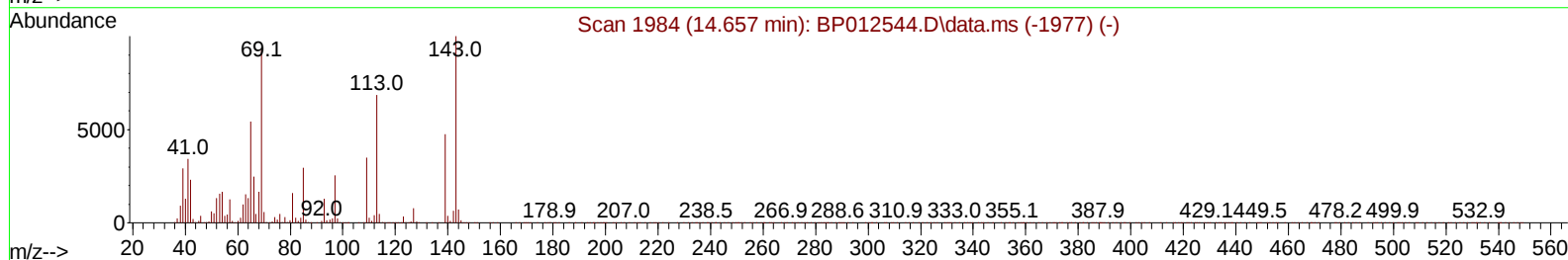
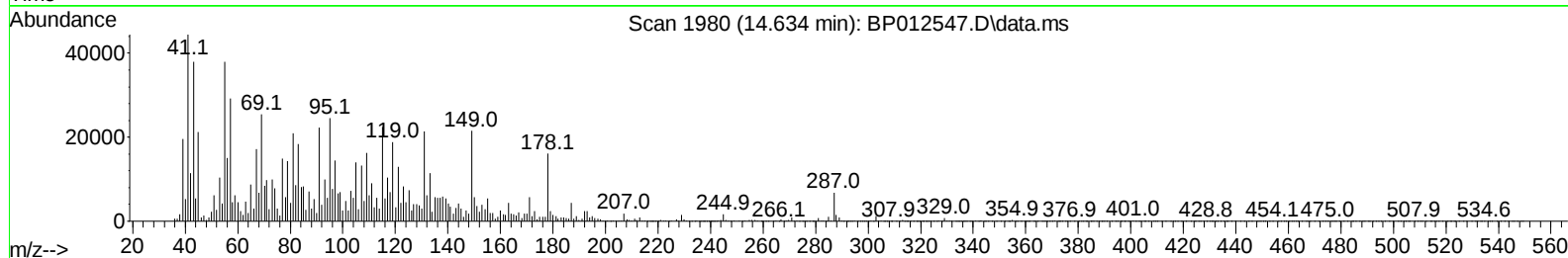
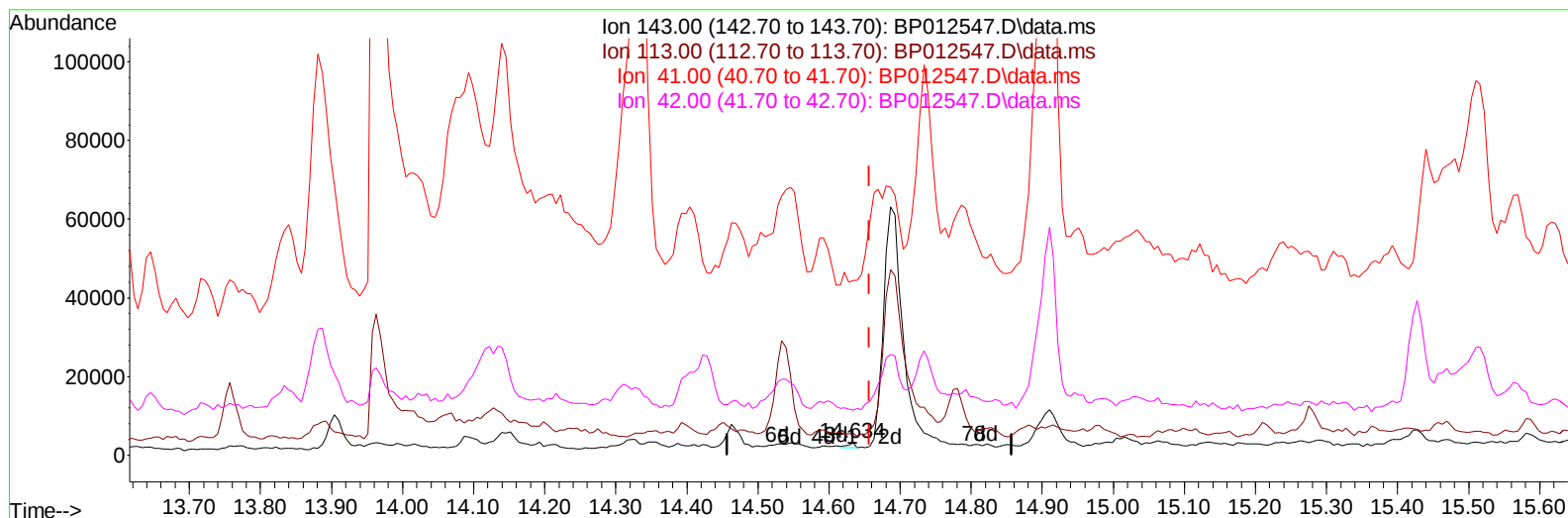
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
Data File : BP012547.D  
Acq On : 08 Nov 2022 11:47  
Operator : CG/JU  
Sample : N5407-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EW4Y1

Manual IntegrationsAPPROVED

Quant Time: Nov 08 21:40:49 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Nov 04 02:53:36 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/09/2022  
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TIC: BP012547.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.634min (-0.024) 0.08 ng/u1

response 964

| Ion    | Exp%   | Act%     |
|--------|--------|----------|
| 143.00 | 100.00 | 100.00   |
| 113.00 | 65.10  | 171.31#  |
| 41.00  | 34.50  | 1370.51# |
| 42.00  | 23.60  | 351.26#  |

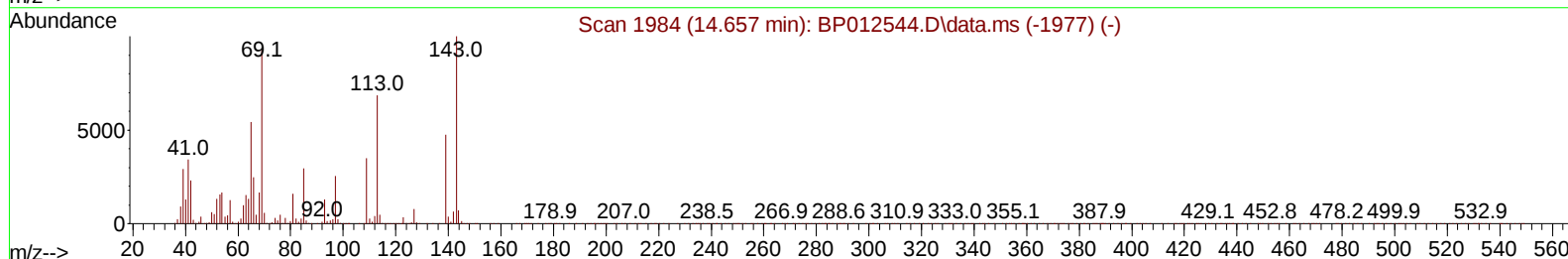
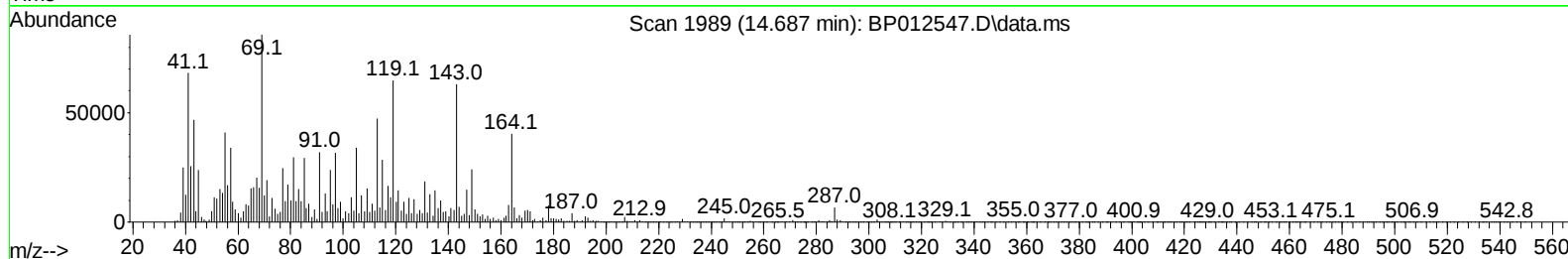
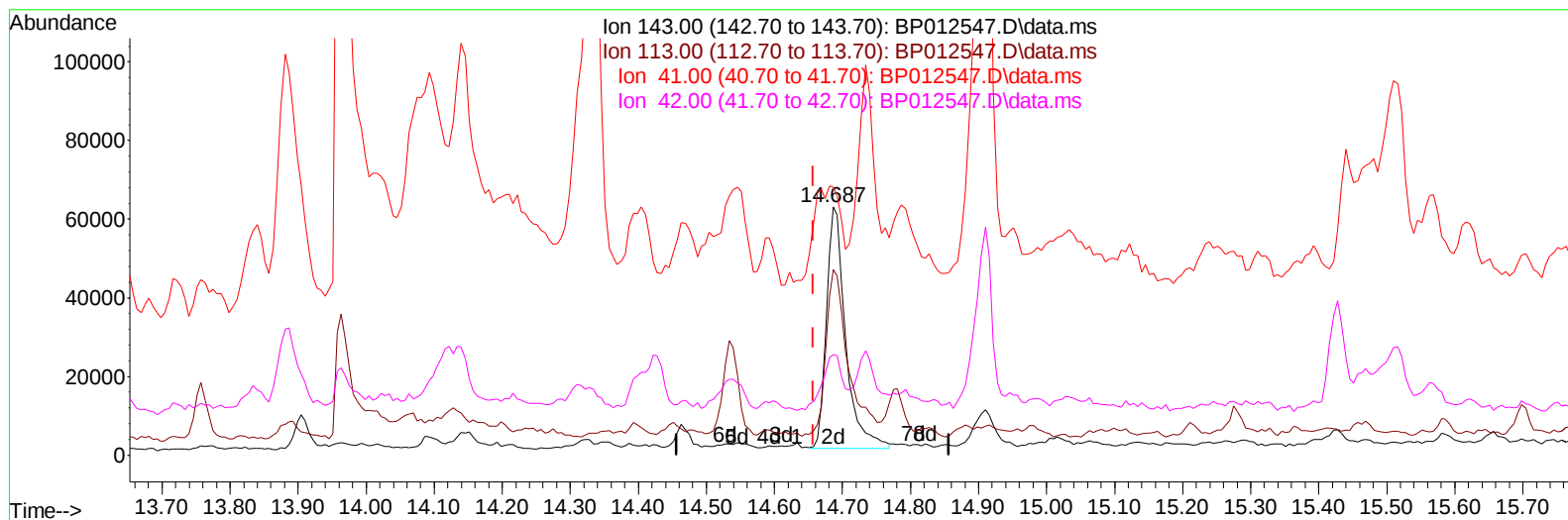
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
 Data File : BP012547.D  
 Acq On : 08 Nov 2022 11:47  
 Operator : CG/JU  
 Sample : N5407-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EW4Y1

Manual IntegrationsAPPROVED

Quant Time: Nov 08 21:40:49 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 04 02:53:36 2022  
 Response via : Initial Calibration

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 Supervised By :mohammad ahmed 11/14/2022



TIC: BP012547.D\data.ms

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

**14.687min (+ 0.029) 9.68 ng/ul m**

**response 120215**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 65.10  | 74.78   |
| 41.00  | 34.50  | 107.98# |
| 42.00  | 23.60  | 40.59#  |

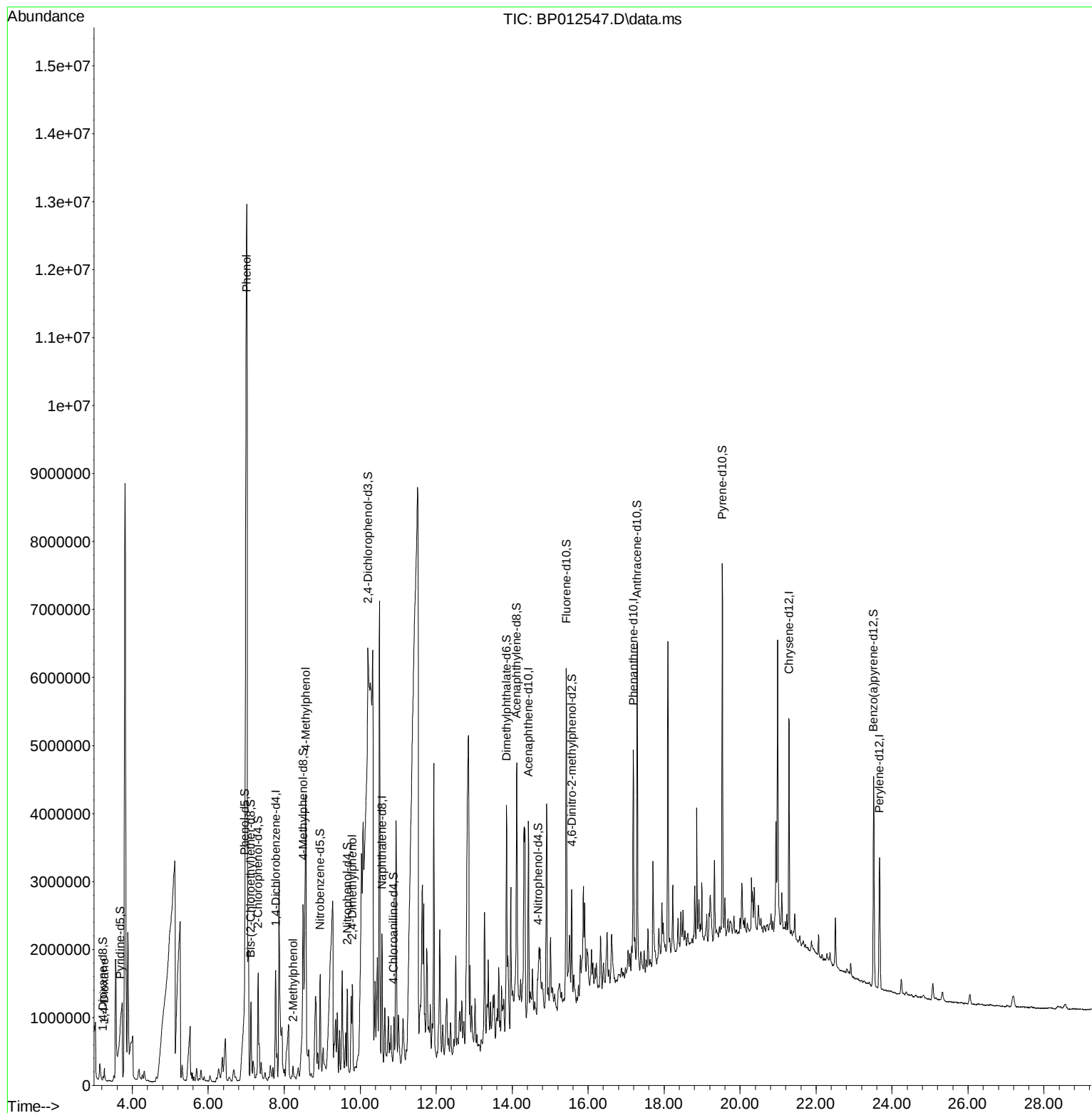
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
Data File : BP012547.D  
Acq On : 08 Nov 2022 11:47  
Operator : CG/JU  
Sample : N5407-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EW4Y1

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2022  
Supervised By :mohammad ahmed 11/14/2022

Quant Time: Nov 08 21:40:49 2022  
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110822\  
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 Operator : CG/JU  
 Sample : N5407-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EW4Y1

Manual IntegrationsAPPROVED

Quant Time: Nov 08 21:40:49 2022  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 342288   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.575 | 136  | 1550163  | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.428 | 164  | 958351   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.192 | 188  | 1945680  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.286 | 240  | 1586493  | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.668 | 264  | 1507486  | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.228  | 96   | 37274    | 4.385   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 43607m   | 1.786   | ng/ul  | 0.04     |
| 7) Phenol-d5                  | 6.963  | 99   | 403683   | 13.149  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.122  | 67   | 521056   | 28.431  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.310  | 132  | 687322   | 30.657  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.499  | 113  | 634294   | 26.123  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.946  | 128  | 378088   | 37.611  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.663  | 143  | 426271   | 40.855  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.204 | 165  | 677146   | 29.946  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.881 | 131  | 189471m  | 5.628   | ng/ul  | 0.15     |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 2173787  | 33.135  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.122 | 160  | 2140676  | 28.553  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.687 | 143  | 120215m  | 9.682   | ng/ul  | 0.03     |
| 60) Fluorene-d10              | 15.428 | 176  | 1822260  | 32.443  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.569 | 200  | 365196   | 36.051  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.292 | 188  | 2782233  | 33.187  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.533 | 212  | 2955703  | 37.107  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.515 | 264  | 2423300  | 32.899  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 3.264  | 88   | 78862    | 8.726   | ng/uL# | 92       |
| 8) Phenol                     | 7.011  | 94   | 12333269 | 386.363 | ng/ul# | 91       |
| 13) 2-Methylphenol            | 8.234  | 108  | 64014    | 2.608   | ng/ul  | 95       |
| 18) 4-Methylphenol            | 8.569  | 108  | 1643587  | 61.258  | ng/ul  | 96       |
| 26) 2,4-Dimethylphenol        | 9.793  | 107  | 878064m  | 31.963  | ng/ul  |          |
| -----                         |        |      |          |         |        |          |

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