

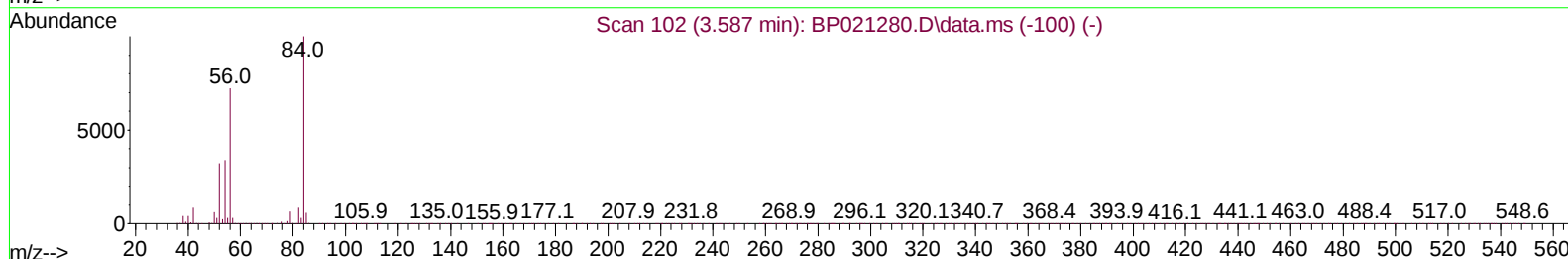
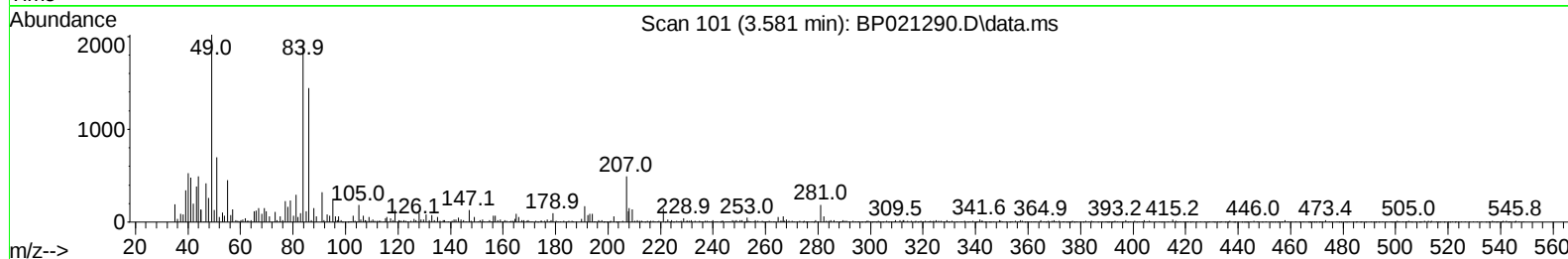
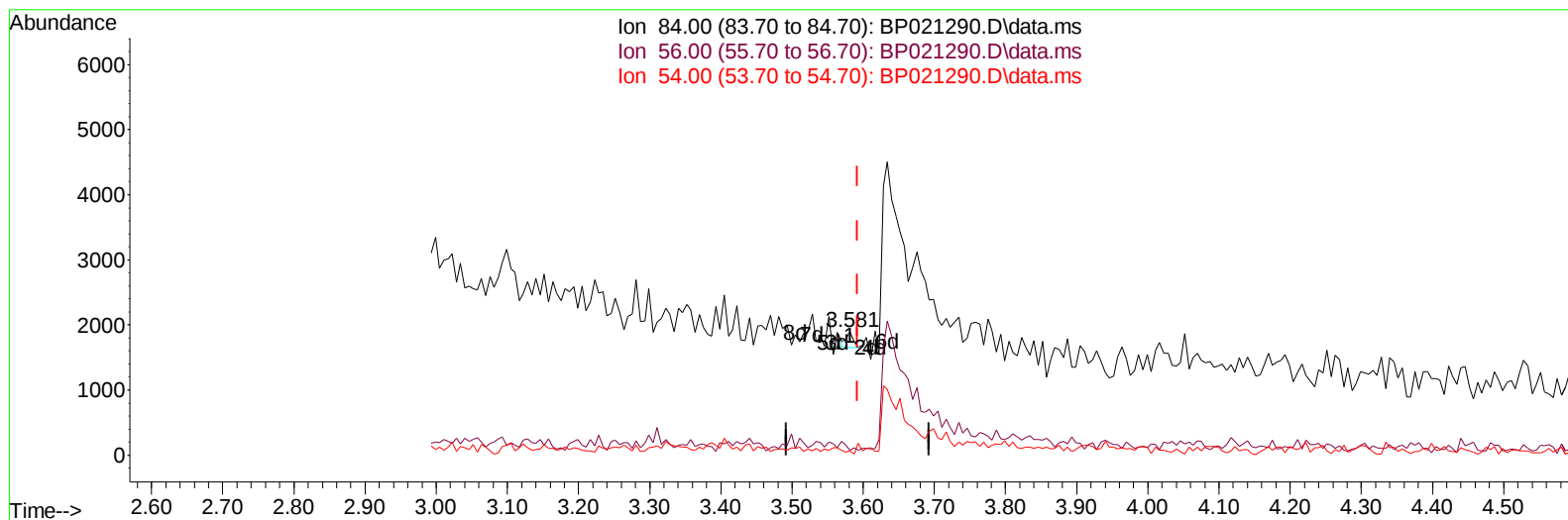
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
Data File : BP021290.D  
Acq On : 01 Aug 2024 12:40  
Operator : CG/JU  
Sample : P3347-14DL 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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 :Jagrut Upadhyay 08/01/2024  
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021290.D\data.ms

(4) Pyridine-d5 (S)

3.581min (-0.011) 0.02 ng/u1

response 155

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 70.20  | 4.07#  |
| 54.00 | 34.30  | 3.64#  |
| 0.00  | 0.00   | 0.00   |

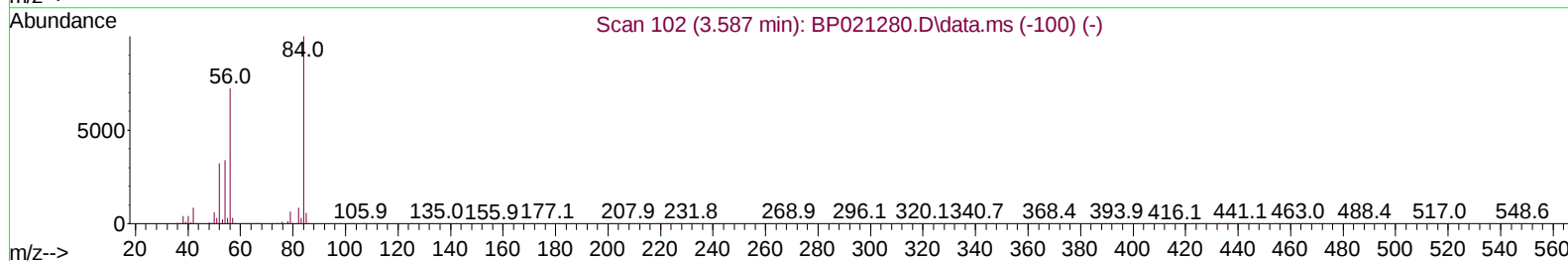
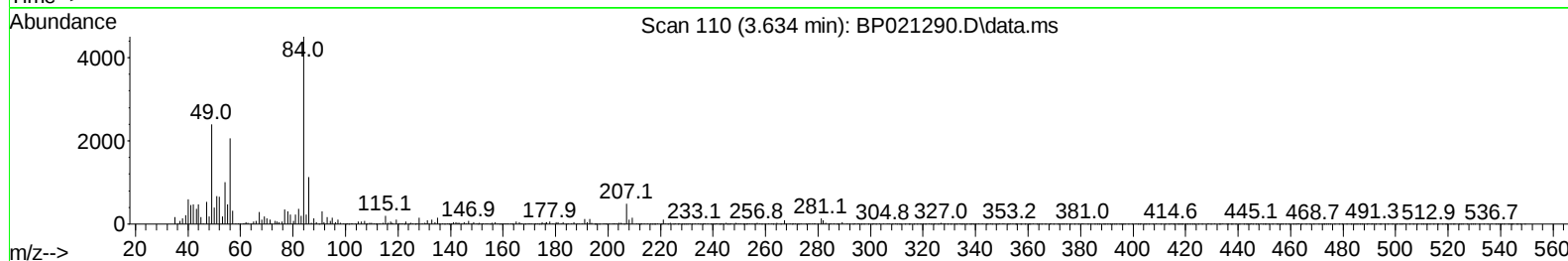
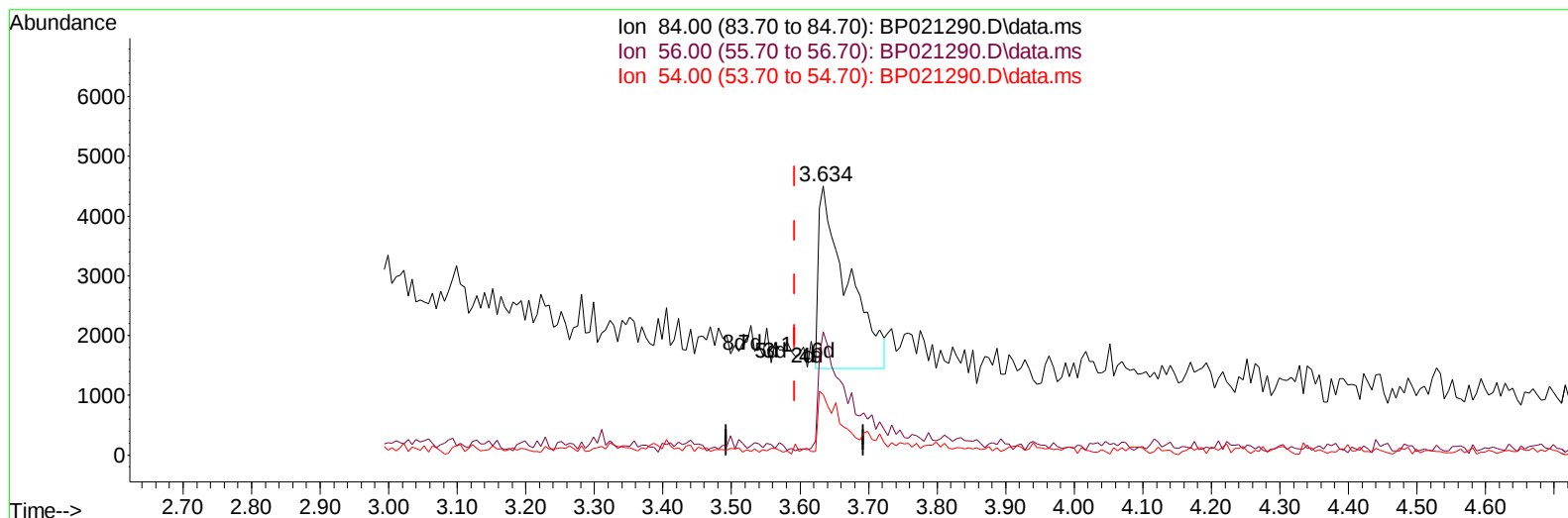
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
Data File : BP021290.D  
Acq On : 01 Aug 2024 12:40  
Operator : CG/JU  
Sample : P3347-14DL 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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 :Jagrut Upadhyay 08/01/2024  
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021290.D\data.ms

(4) Pyridine-d5 (S)

3.634min (+ 0.041) 0.89 ng/u1 m

response 8915

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 70.20  | 45.80# |
| 54.00 | 34.30  | 22.48# |
| 0.00  | 0.00   | 0.00   |

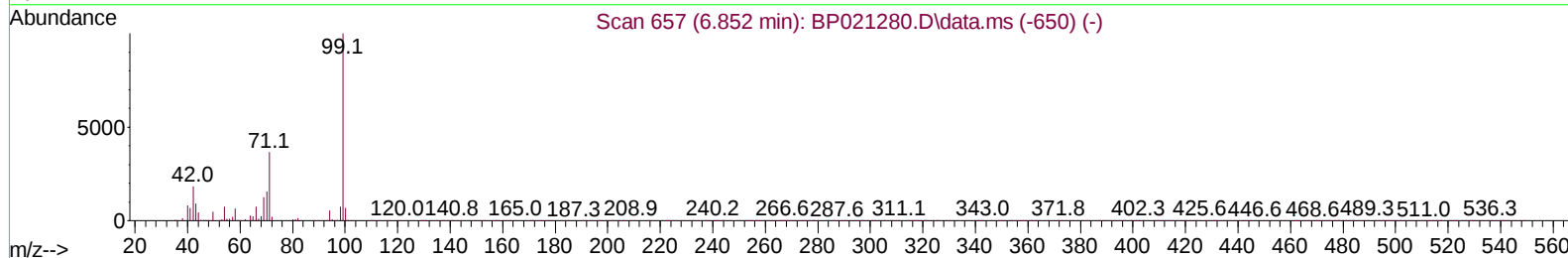
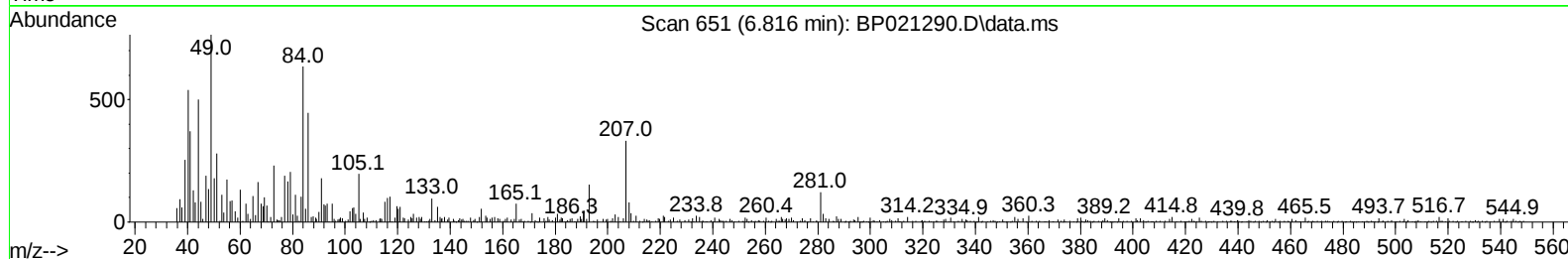
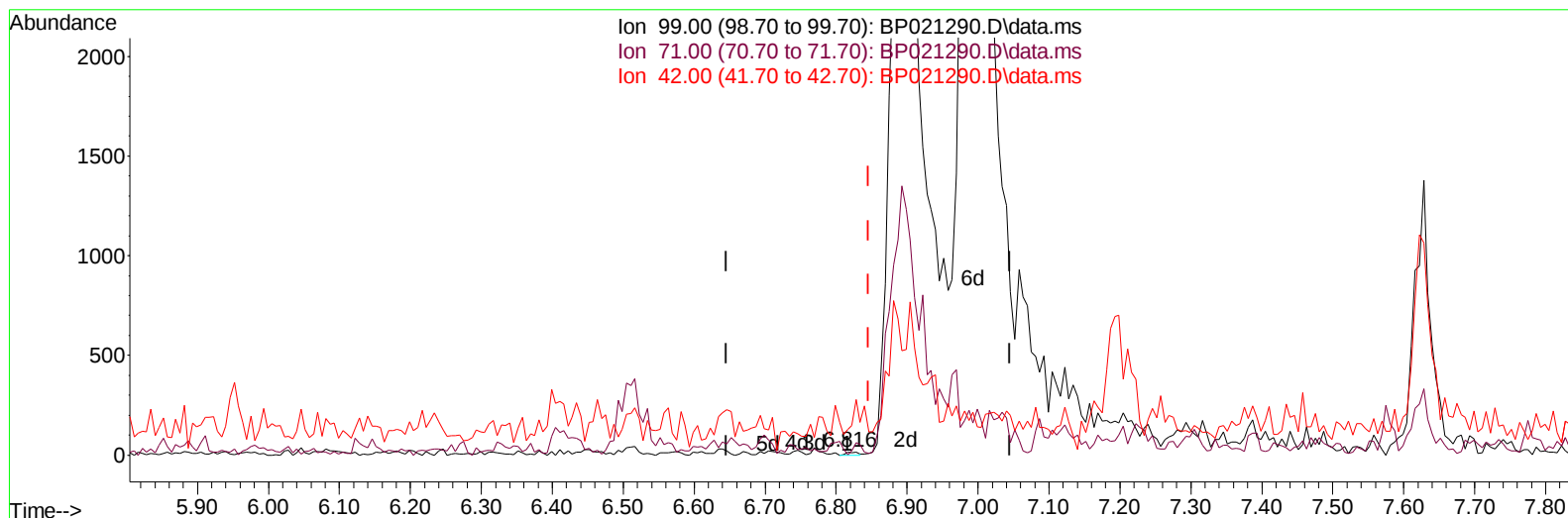
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
Data File : BP021290.D  
Acq On : 01 Aug 2024 12:40  
Operator : CG/JU  
Sample : P3347-14DL 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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 :Jagrut Upadhyay 08/01/2024  
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021290.D\data.ms

(7) Phenol-d5 (S)

6.816min (-0.029) 0.00 ng/u1

response 16

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 99.00 | 100.00 | 100.00  |
| 71.00 | 35.60  | 150.00# |
| 42.00 | 19.30  | 806.25# |
| 0.00  | 0.00   | 0.00    |

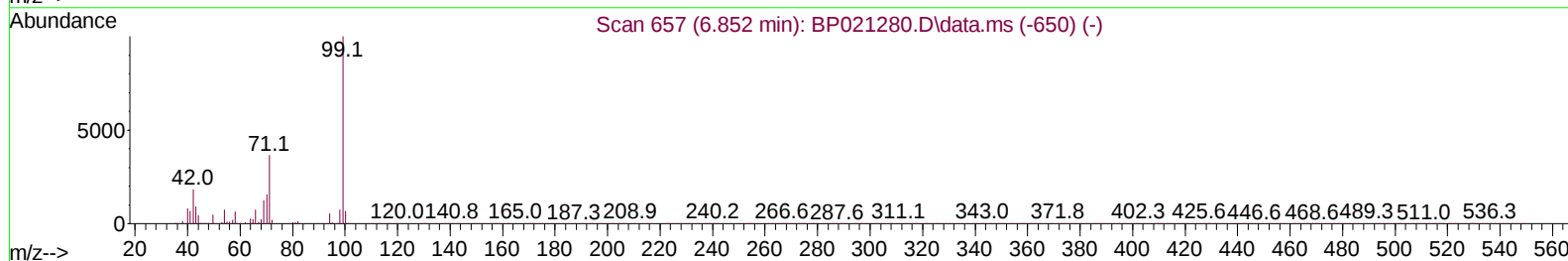
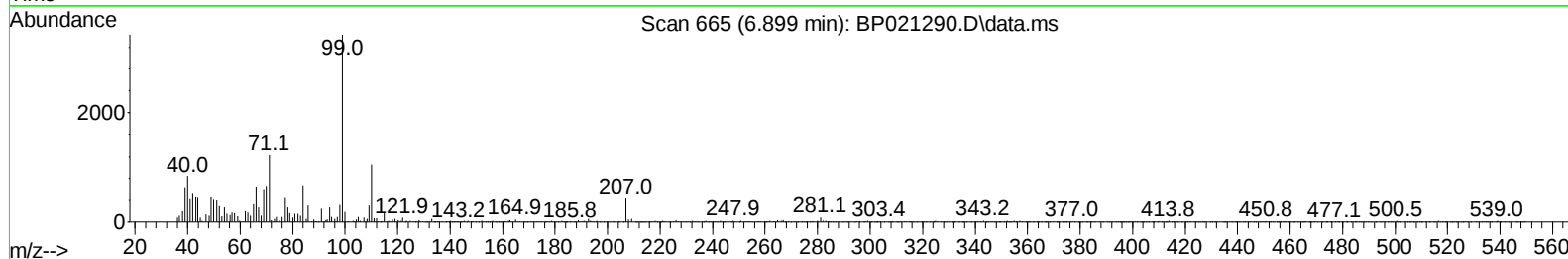
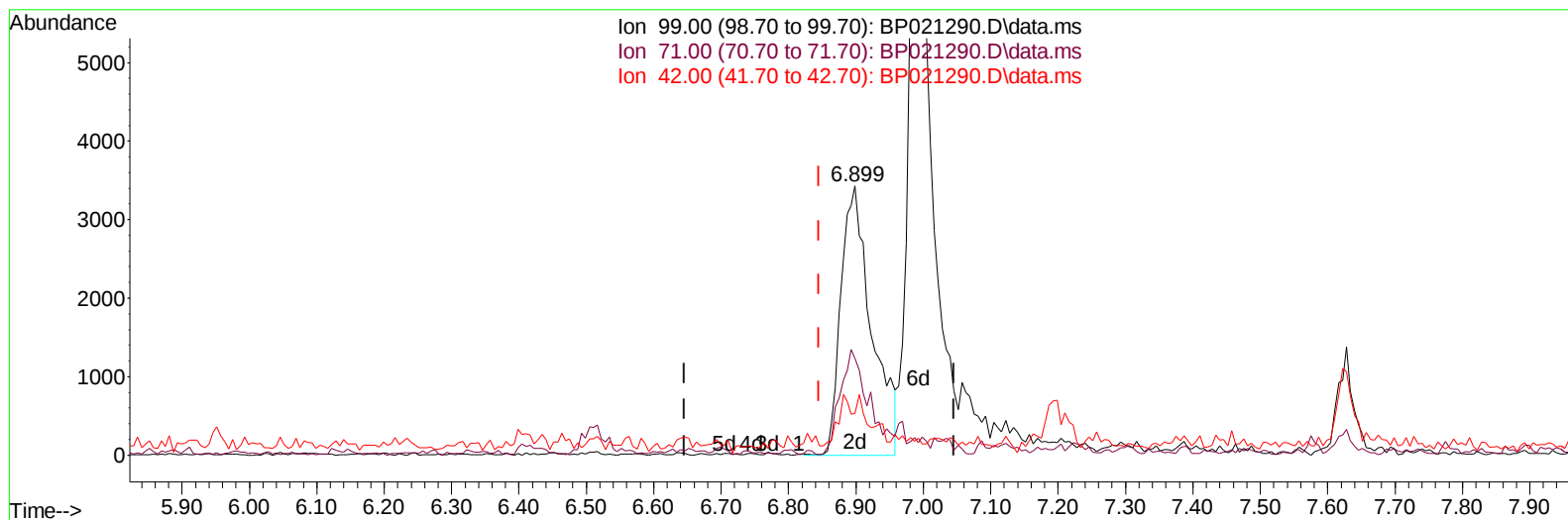
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
 Data File : BP021290.D  
 Acq On : 01 Aug 2024 12:40  
 Operator : CG/JU  
 Sample : P3347-14DL 10X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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 :Jagrut Upadhyay 08/01/2024  
 Supervised By :mohammad ahmed 09/04/2024



TIC: BP021290.D\data.ms

(7) Phenol-d5 (S)

6.899min (+ 0.053) 0.84 ng/ul m

response 10819

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 99.00 | 100.00 | 100.00 |
| 71.00 | 35.60  | 35.92  |
| 42.00 | 19.30  | 15.44# |
| 0.00  | 0.00   | 0.00   |

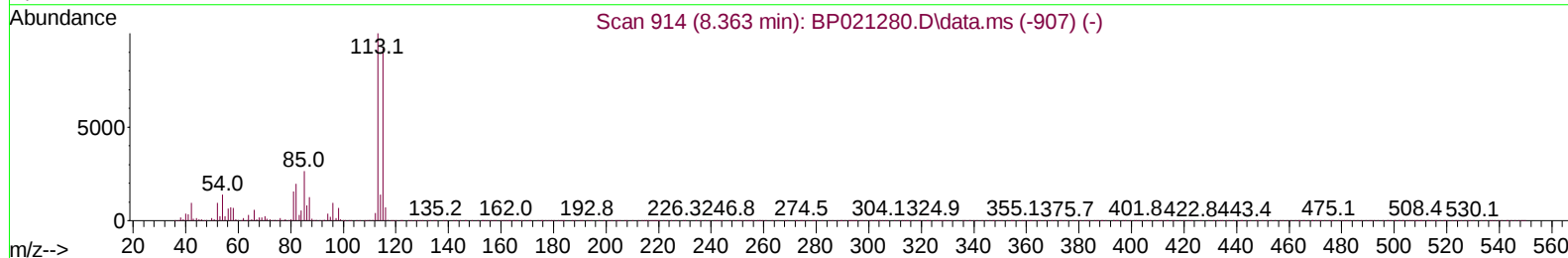
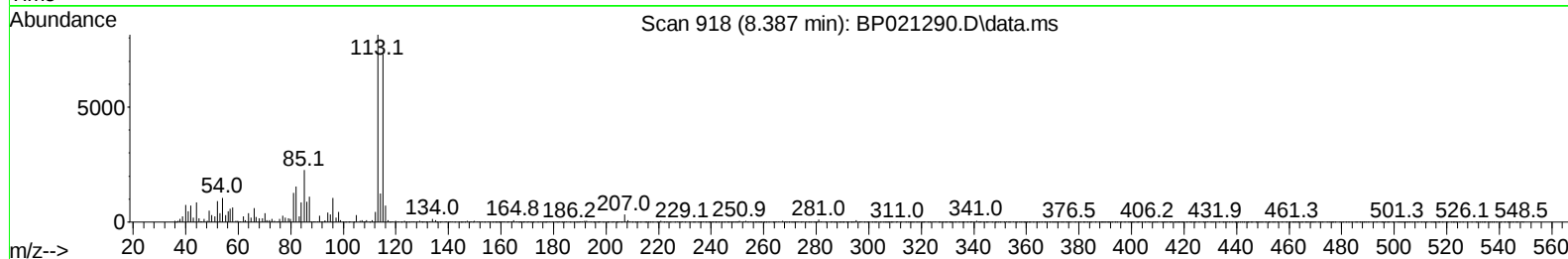
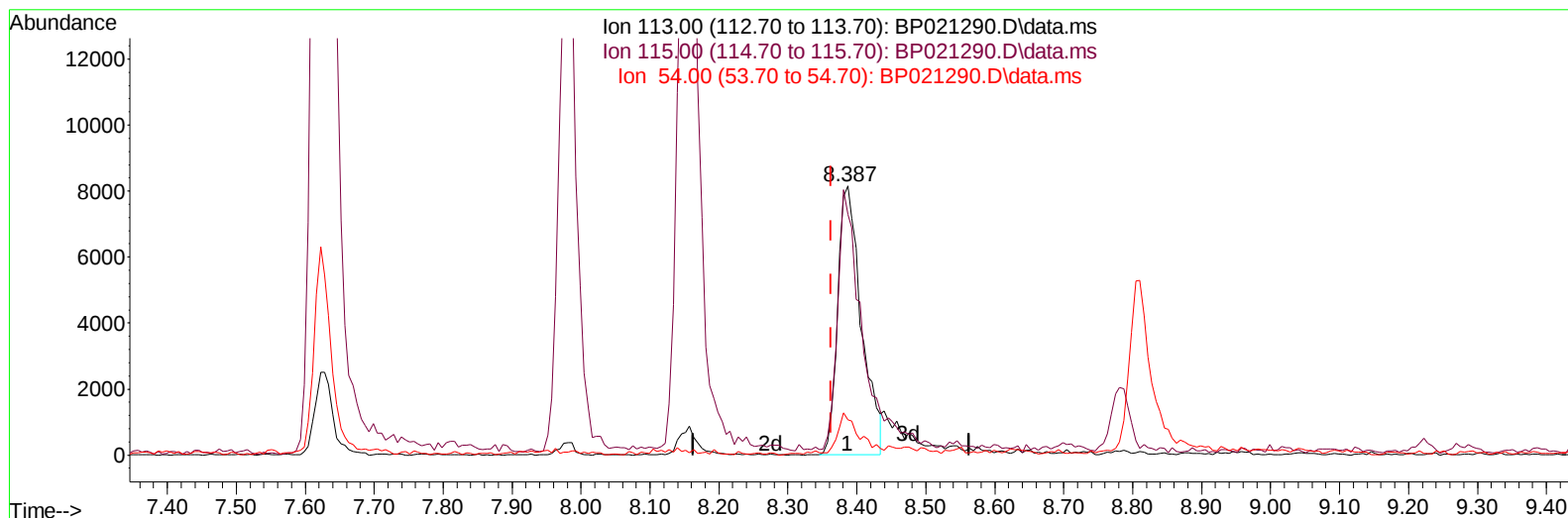
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
Data File : BP021290.D  
Acq On : 01 Aug 2024 12:40  
Operator : CG/JU  
Sample : P3347-14DL 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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 :Jagrut Upadhyay 08/01/2024  
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TIC: BP021290.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.387min (+ 0.024) 1.82 ng/u1

response 19388

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 93.20  | 89.39  |
| 54.00  | 13.70  | 13.03  |
| 0.00   | 0.00   | 0.00   |

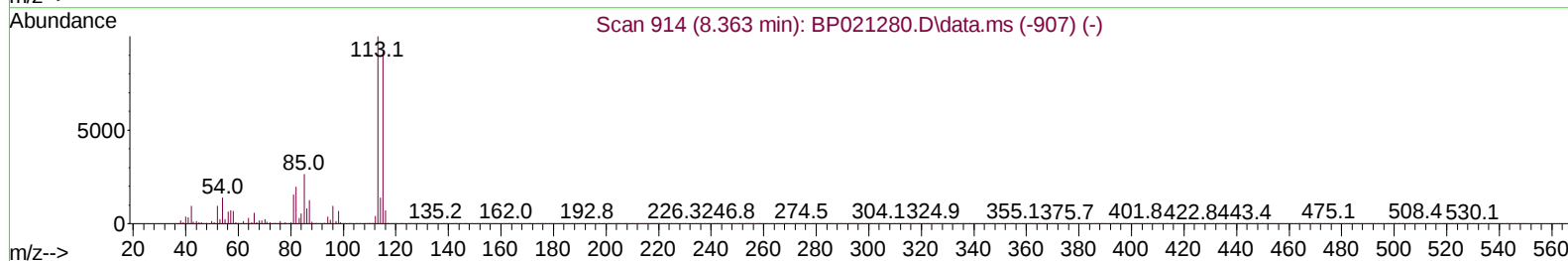
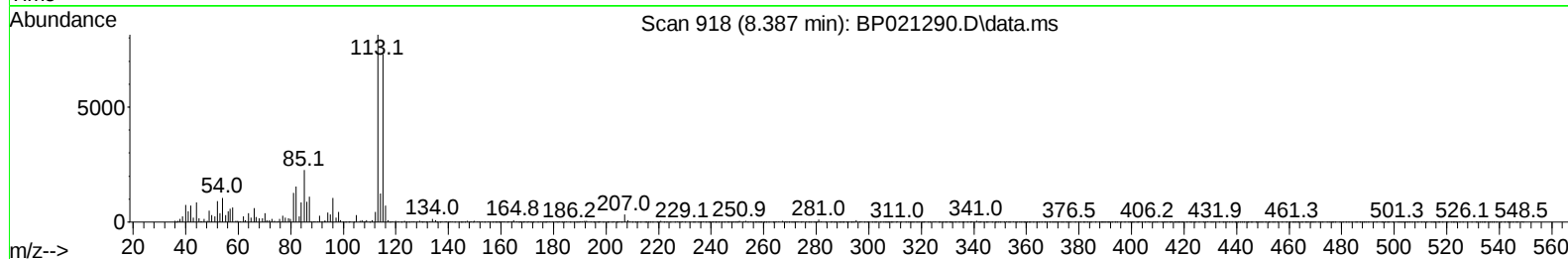
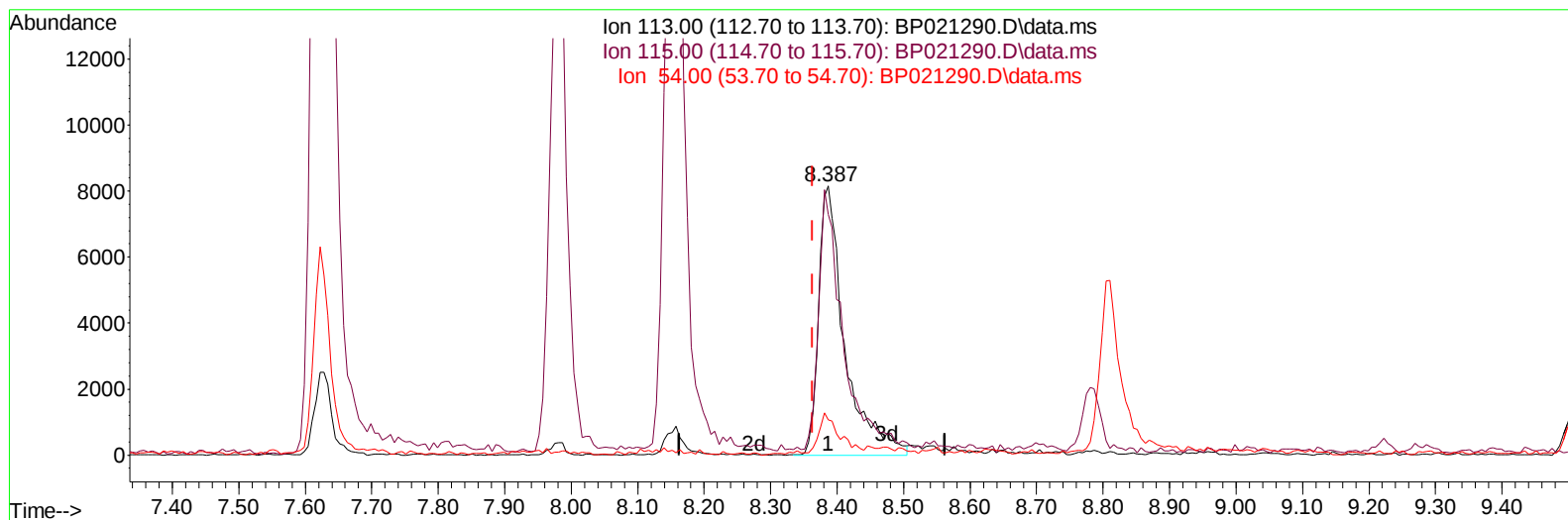
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
 Data File : BP021290.D  
 Acq On : 01 Aug 2024 12:40  
 Operator : CG/JU  
 Sample : P3347-14DL 10X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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 :Jagrut Upadhyay 08/01/2024  
 Supervised By :mohammad ahmed 09/04/2024



TIC: BP021290.D\data.ms

**(15) 4-Methylphenol-d8 (S)**

**8.387min (+ 0.024) 2.09 ng/u1 m**

**response 22235**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 93.20  | 89.39  |
| 54.00  | 13.70  | 13.03  |
| 0.00   | 0.00   | 0.00   |

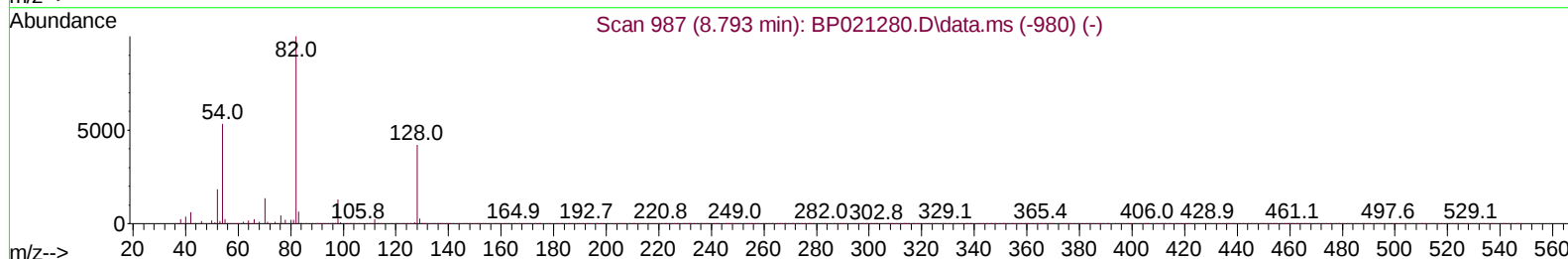
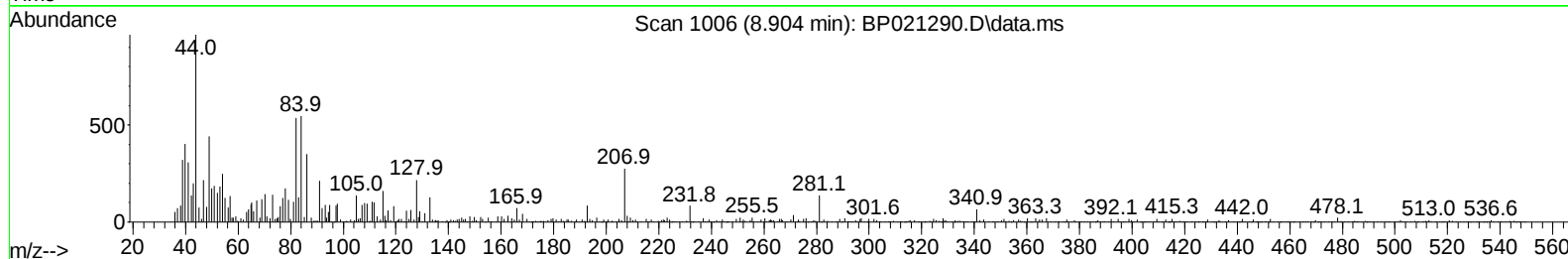
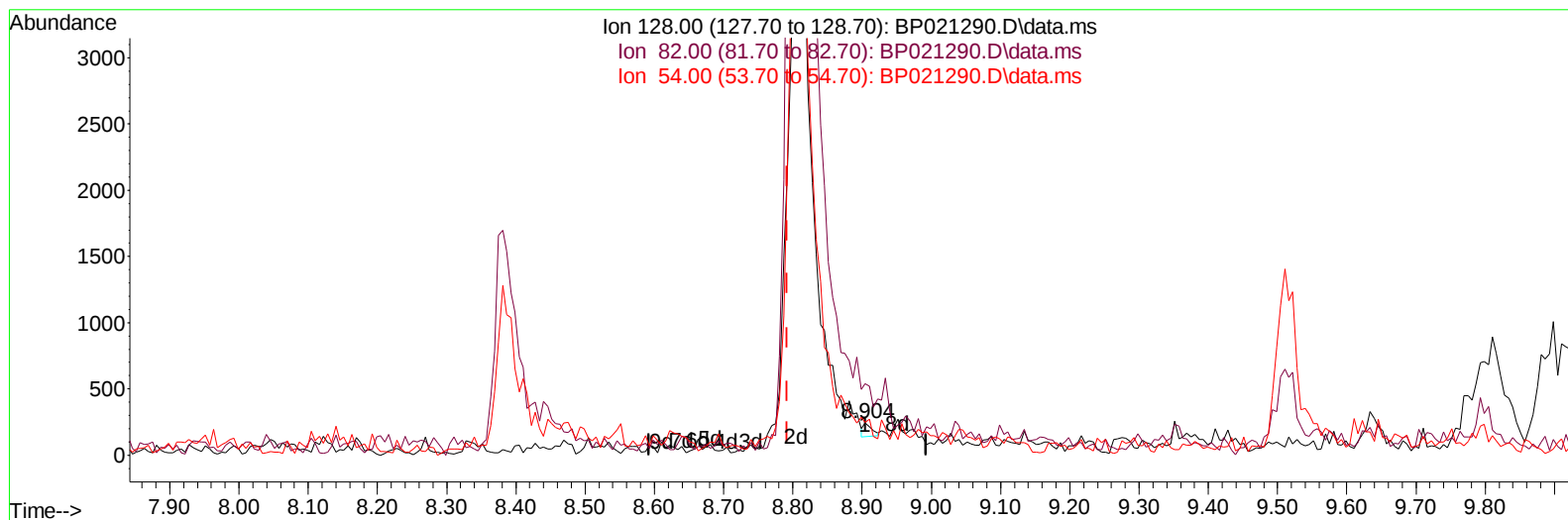
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
 Data File : BP021290.D  
 Acq On : 01 Aug 2024 12:40  
 Operator : CG/JU  
 Sample : P3347-14DL 10X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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 :Jagrut Upadhyay 08/01/2024  
 Supervised By :mohammad ahmed 09/04/2024



TIC: BP021290.D\data.ms

(21) Nitrobenzene-d5 (S)

8.904min (+ 0.112) 0.02 ng/u1

|          |        |        |
|----------|--------|--------|
| response | 86     |        |
| Ion      | Exp%   | Act%   |
| 128.00   | 100.00 | 100.00 |
| 82.00    | 236.60 | 220.99 |
| 54.00    | 125.70 | 102.06 |
| 0.00     | 0.00   | 0.00   |

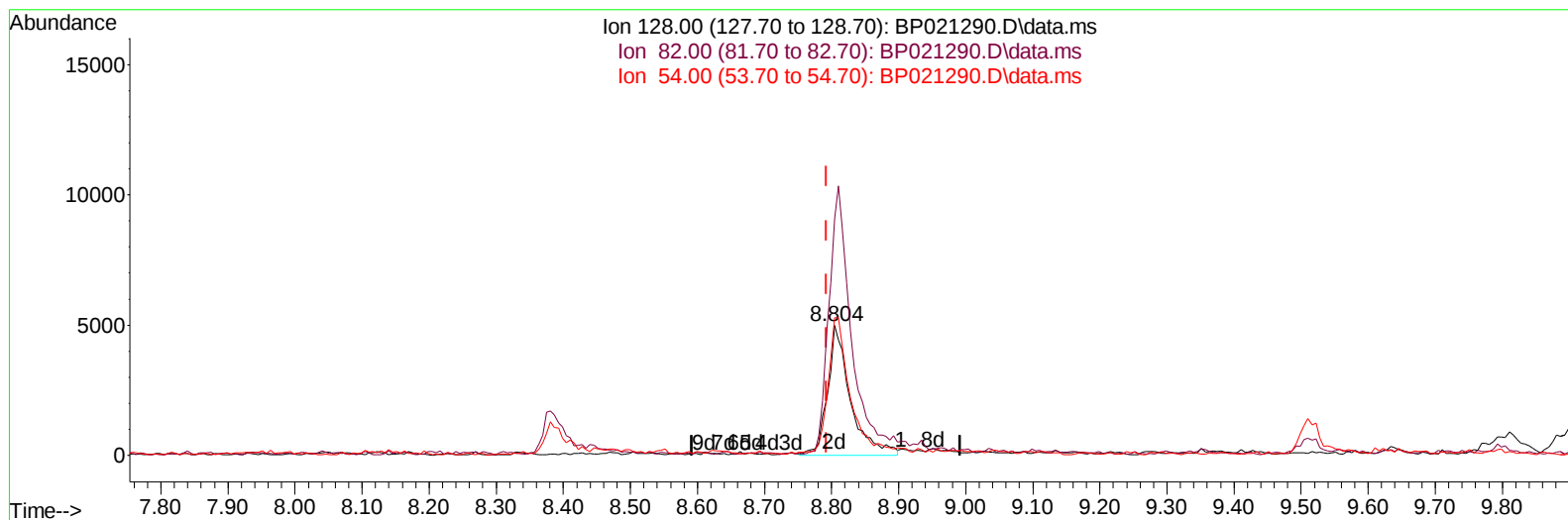
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
 Data File : BP021290.D  
 Acq On : 01 Aug 2024 12:40  
 Operator : CG/JU  
 Sample : P3347-14DL 10X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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 :Jagrut Upadhyay 08/01/2024  
 Supervised By :mohammad ahmed 09/04/2024



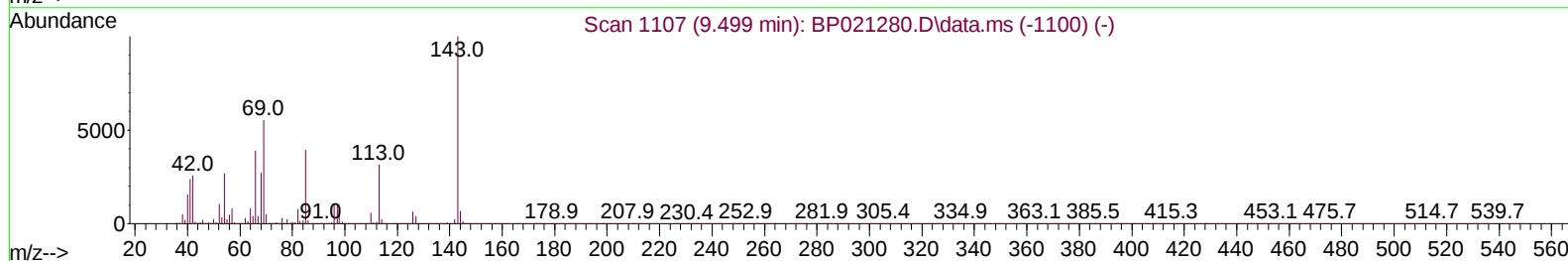
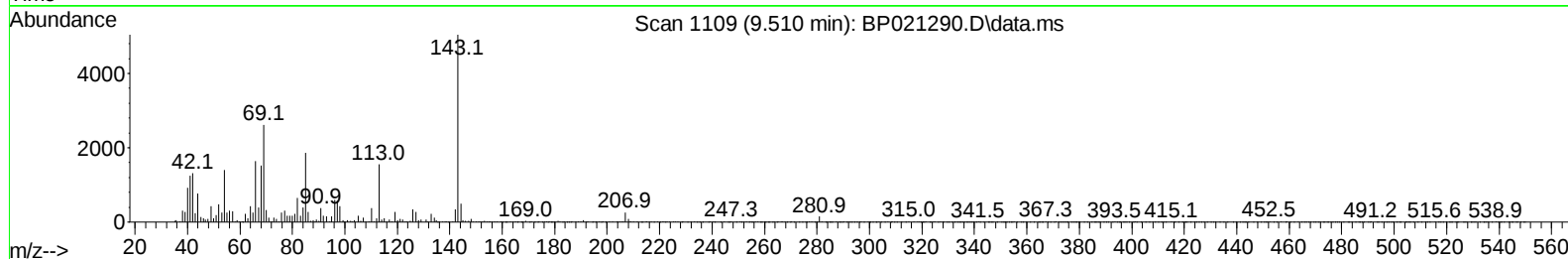
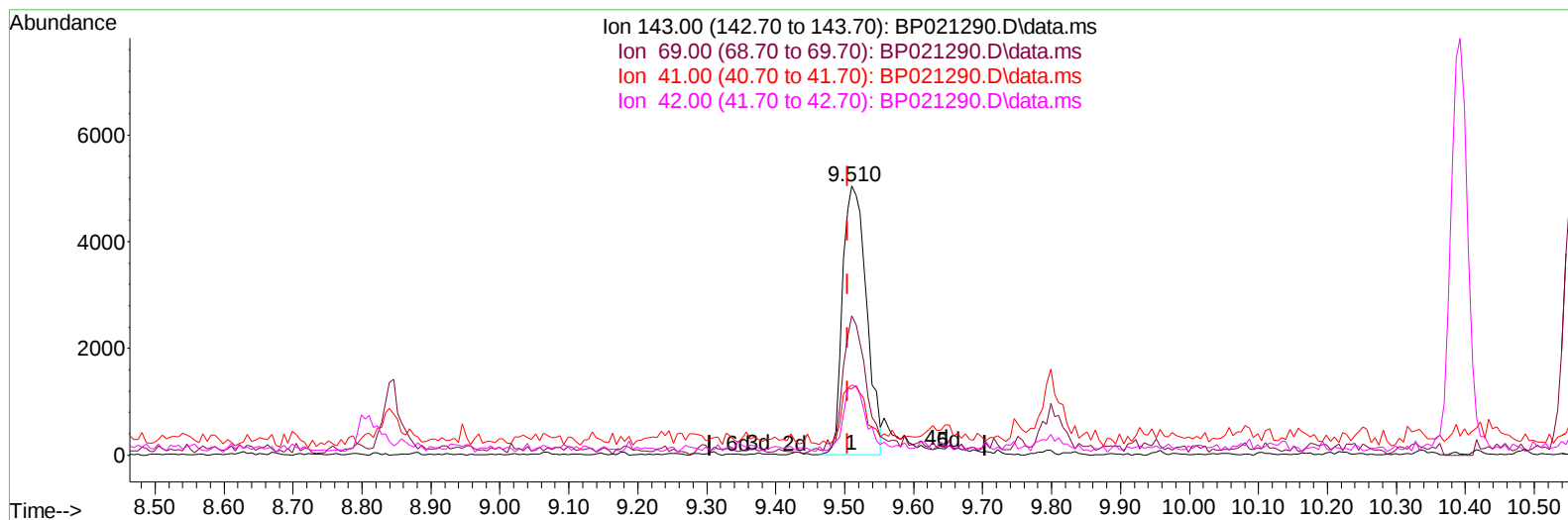
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
Data File : BP021290.D  
Acq On : 01 Aug 2024 12:40  
Operator : CG/JU  
Sample : P3347-14DL 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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  
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TIC: BP021290.D\data.ms

**(24) 2-Nitrophenol-d4 (S)**

**9.510min (+ 0.006) 2.06 ng/u1**

**response 12057**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 69.00  | 50.20  | 51.78  |
| 41.00  | 22.70  | 24.76  |
| 42.00  | 22.10  | 26.07  |

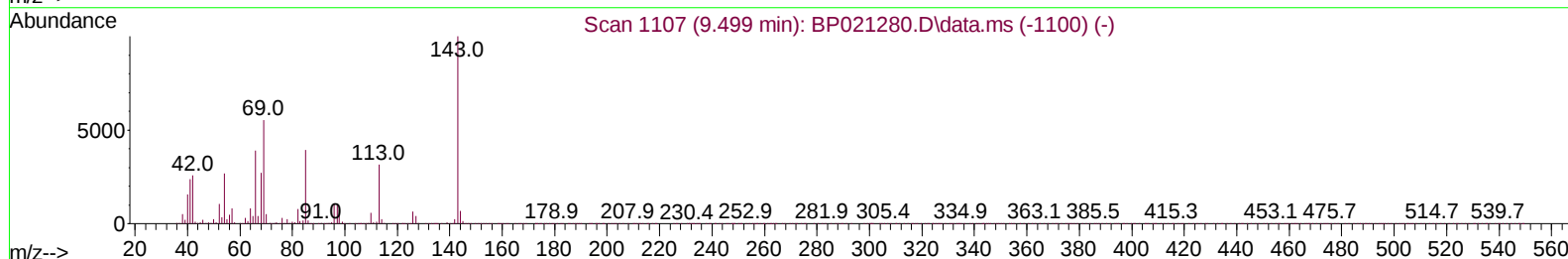
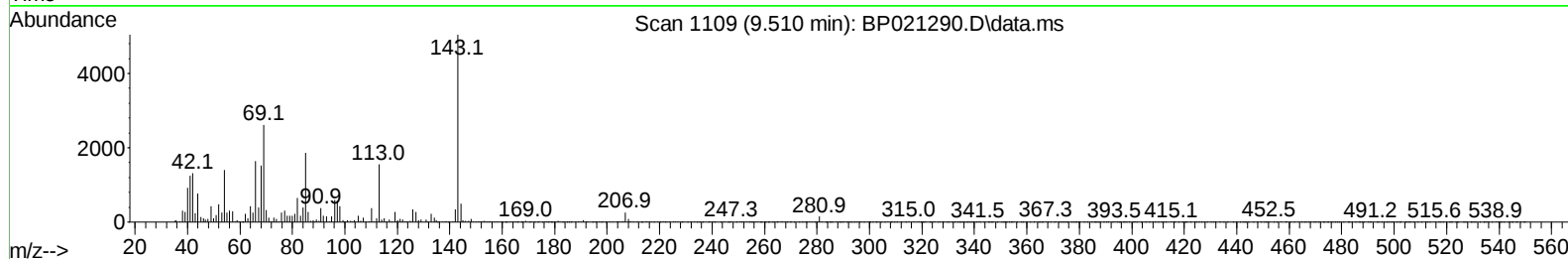
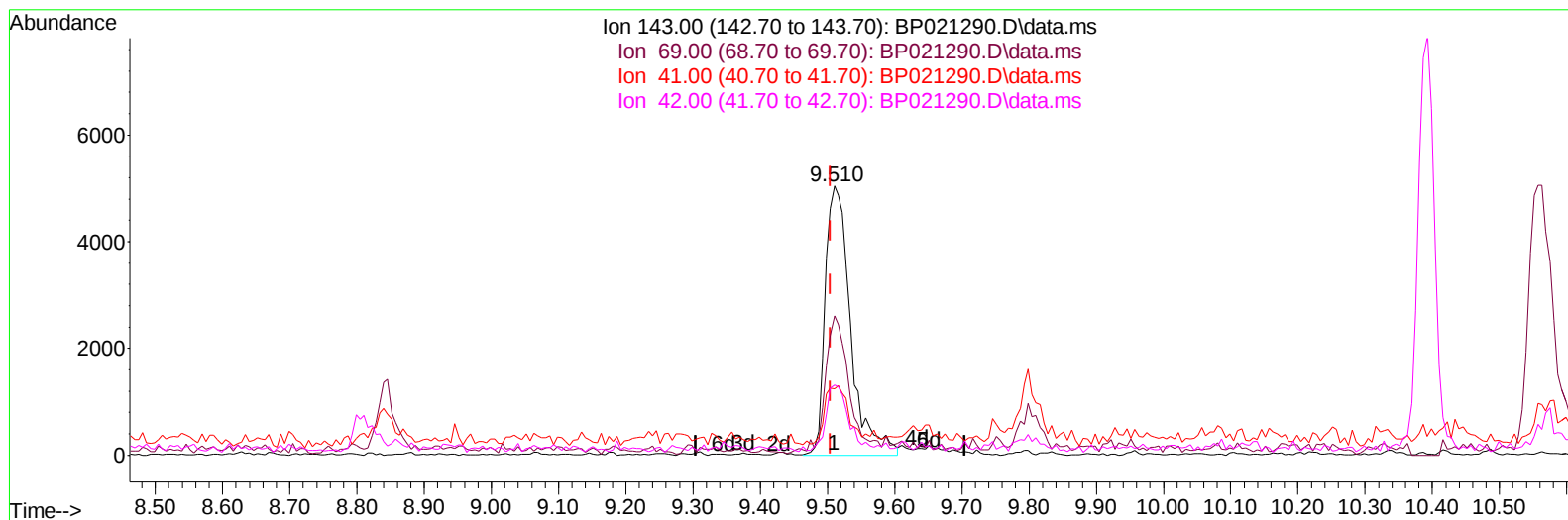
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
Data File : BP021290.D  
Acq On : 01 Aug 2024 12:40  
Operator : CG/JU  
Sample : P3347-14DL 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:10:57 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 :Jagrut Upadhyay 08/01/2024  
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021290.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.510min (+ 0.006) 2.26 ng/u1 m

response 13237

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 69.00  | 50.20  | 51.78  |
| 41.00  | 22.70  | 24.76  |
| 42.00  | 22.10  | 26.07  |

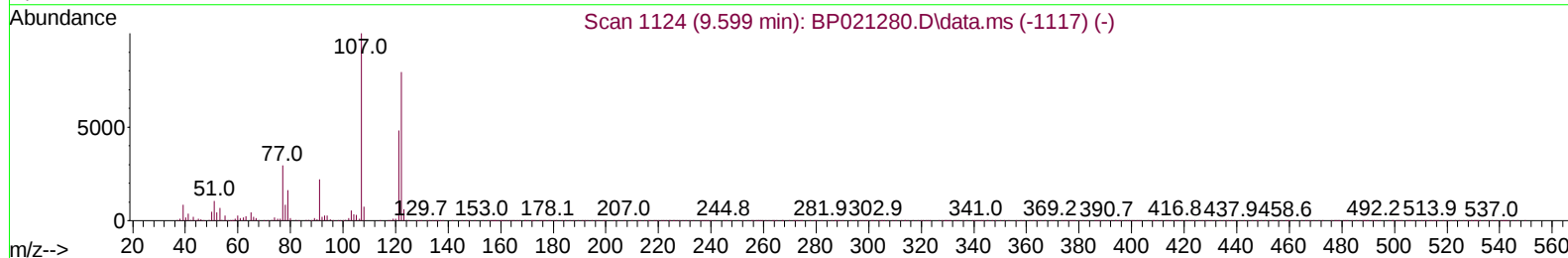
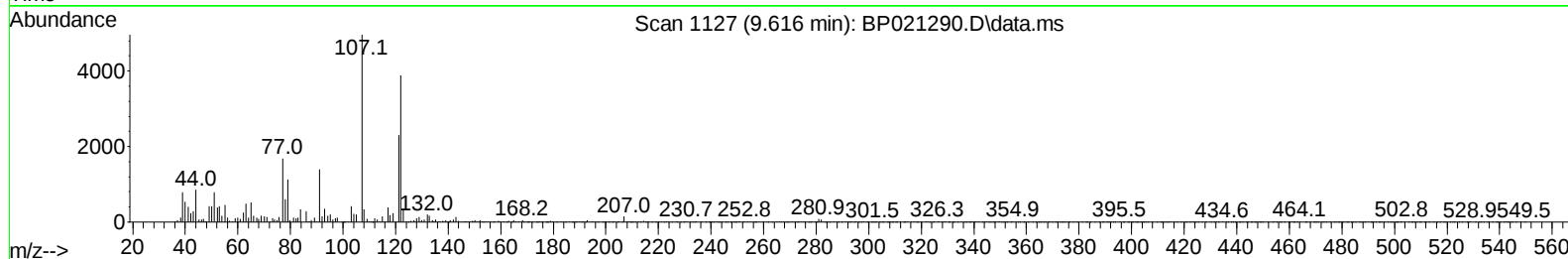
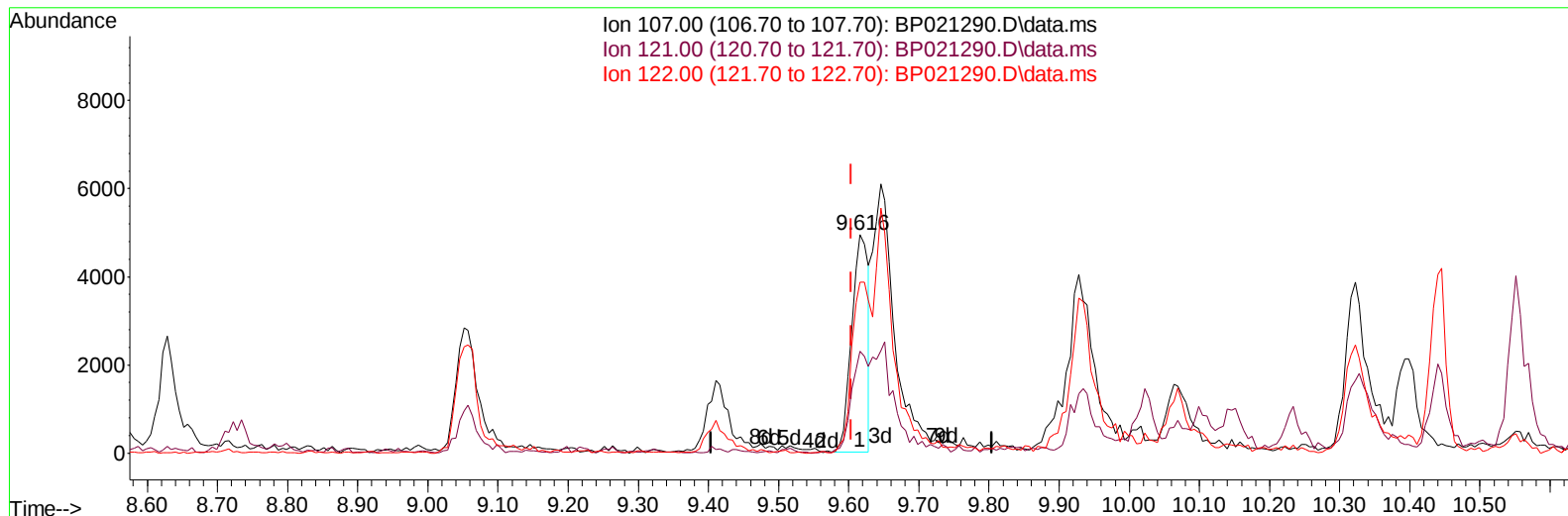
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
Data File : BP021290.D  
Acq On : 01 Aug 2024 12:40  
Operator : CG/JU  
Sample : P3347-14DL 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:13:44 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 :Jagrut Upadhyay 08/01/2024  
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TIC: BP021290.D\data.ms

(26) 2,4-Dimethylphenol

9.616min (+ 0.012) 0.68 ng/u1

response 8171

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 49.50  | 46.44  |
| 122.00 | 82.90  | 78.25  |
| 0.00   | 0.00   | 0.00   |

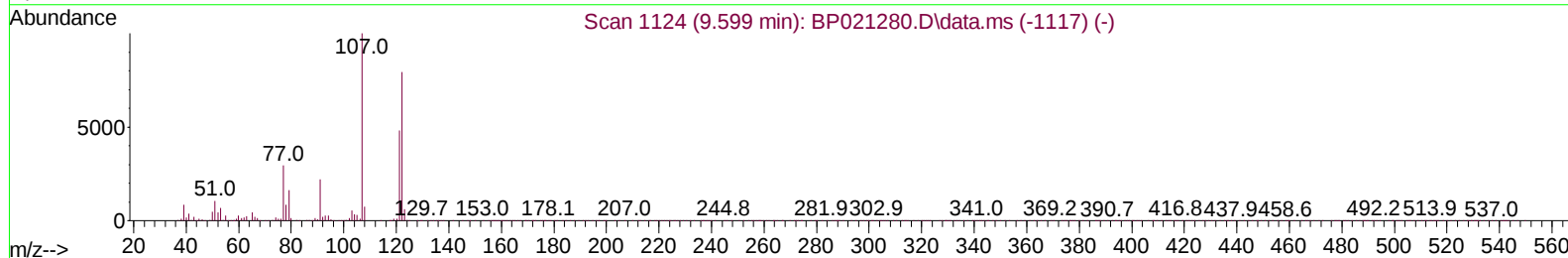
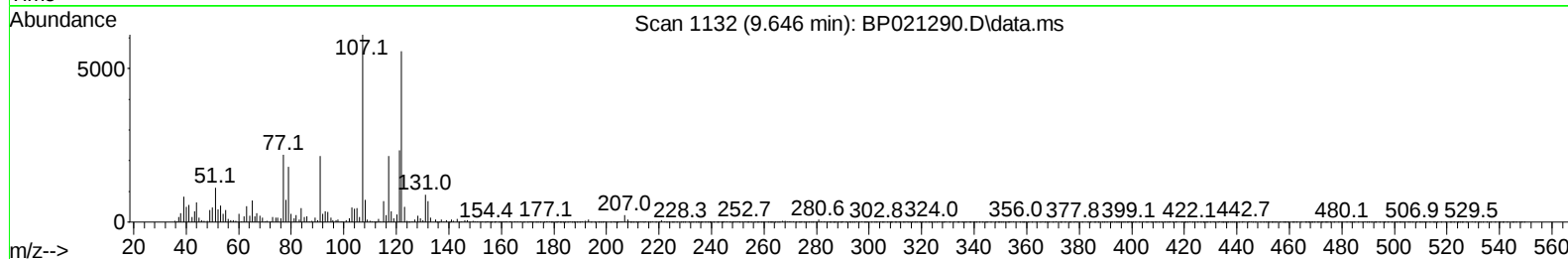
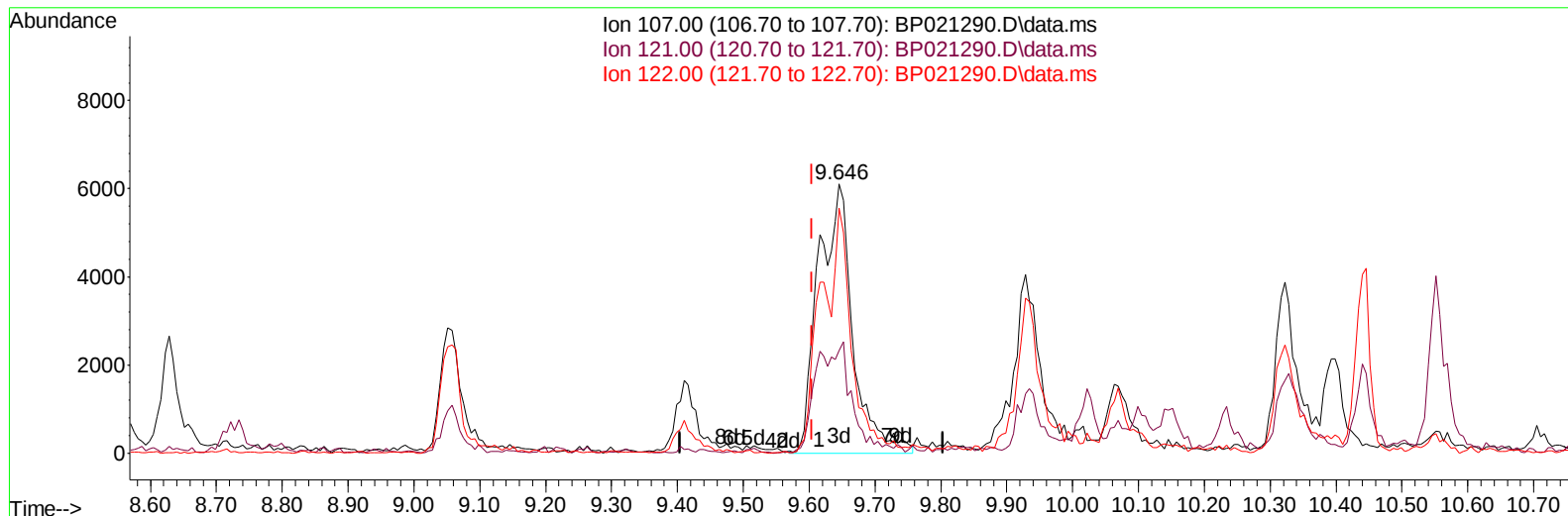
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
 Data File : BP021290.D  
 Acq On : 01 Aug 2024 12:40  
 Operator : CG/JU  
 Sample : P3347-14DL 10X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 13:13:44 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 :Jagrut Upadhyay 08/01/2024  
 Supervised By :mohammad ahmed 09/04/2024



TIC: BP021290.D\data.ms

(26) 2,4-Dimethylphenol

9.646min (+ 0.041) 1.83 ng/ul m

response 22095

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 49.50  | 38.18# |
| 122.00 | 82.90  | 91.10  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
 Data File : BP021290.D  
 Acq On : 01 Aug 2024 12:40  
 Operator : CG/JU  
 Sample : P3347-14DL 10X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 02 01:28:13 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 :Jagrut Upadhyay 08/01/2024  
 Supervised By :mohammad ahmed 09/04/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.628  | 152  | 157456   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.393 | 136  | 659879   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.257 | 164  | 458905   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.086 | 188  | 1020303  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.533 | 240  | 848762   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.845 | 264  | 904771   | 20.000 | ng/ul  | 0.01     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.175  | 96   | 782      | 0.226  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.634  | 84   | 8915m    | 0.890  | ng/ul  | 0.04     |
| 7) Phenol-d5                  | 6.899  | 99   | 10819m   | 0.843  | ng/ul  | 0.05     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.993  | 67   | 13702    | 1.761  | ng/ul  | 0.01     |
| 11) 2-Chlorophenol-d4         | 7.193  | 132  | 22513    | 2.129  | ng/ul  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.387  | 113  | 22235m   | 2.086  | ng/ul  | 0.02     |
| 21) Nitrobenzene-d5           | 8.804  | 128  | 11822m   | 2.307  | ng/ul  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.510  | 143  | 13237m   | 2.256  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.075 | 165  | 25200    | 2.376  | ng/ul  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.569 | 131  | 39567    | 2.816  | ng/ul  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.675 | 166  | 97833    | 2.933  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.951 | 160  | 101163   | 2.701  | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.281 | 176  | 86117    | 3.147  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.186 | 188  | 144359   | 3.186  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.574 | 212  | 172227   | 3.282  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.615 | 264  | 140889   | 3.157  | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 26) 2,4-Dimethylphenol        | 9.646  | 107  | 22095m   | 1.831  | ng/ul  |          |
| 30) Naphthalene               | 10.440 | 128  | 2407169  | 69.351 | ng/ul  | 100      |
| 36) 2-Methylnaphthalene       | 12.051 | 142  | 147356   | 6.185  | ng/ul  | 95       |
| 37) 1-Methylnaphthalene       | 12.281 | 142  | 171047   | 6.980  | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.075 | 154  | 44598    | 1.330  | ng/ul  | 96       |
| 52) Acenaphthene              | 14.328 | 153  | 822169   | 29.207 | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.675 | 168  | 305451   | 7.924  | ng/ul  | 95       |
| 61) Fluorene                  | 15.339 | 166  | 255482   | 8.122  | ng/ul  | 99       |
| 72) Phenanthrene              | 17.128 | 178  | 888300   | 16.783 | ng/ul  | 100      |
| 74) Anthracene                | 17.228 | 178  | 133102   | 2.467  | ng/ul  | 98       |
| 77) Carbazole                 | 17.528 | 167  | 178197   | 4.040  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.227 | 202  | 428757   | 6.766  | ng/ul  | 99       |
| 82) Pyrene                    | 19.610 | 202  | 287971   | 4.466  | ng/ul# | 95       |
| 85) Benzo(a)anthracene        | 21.516 | 228  | 77636    | 1.306  | ng/ul  | 98       |
| 87) Chrysene                  | 21.586 | 228  | 58987    | 1.068  | ng/ul  | 97       |
| -----                         |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
Data File : BP021290.D  
Acq On : 01 Aug 2024 12:40  
Operator : CG/JU  
Sample : P3347-14DL 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AY8DL

Manual IntegrationsAPPROVED

Quant Time: Aug 02 01:28:13 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 :Jagrut Upadhyay 08/01/2024  
Supervised By :mohammad ahmed 09/04/2024

