

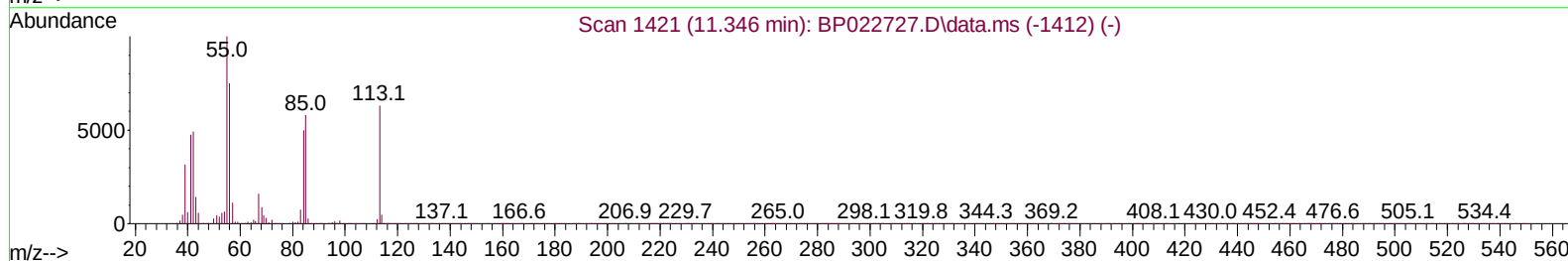
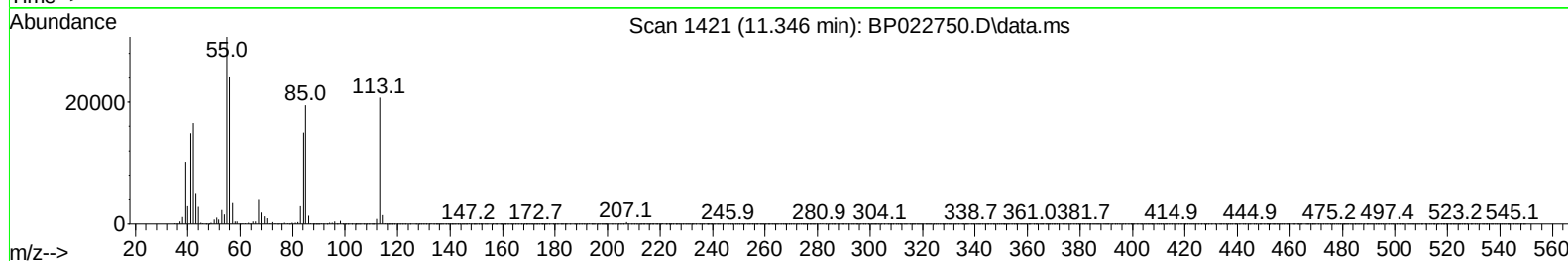
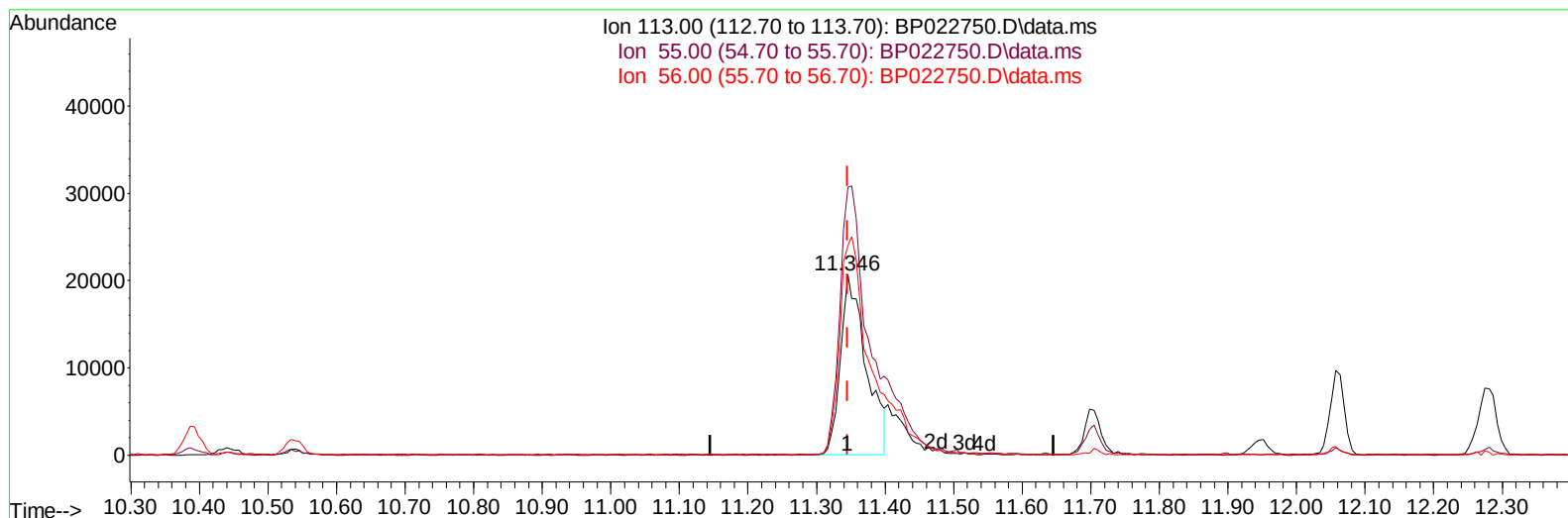
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022750.D\data.ms

(34) Caprolactam

11.346min (+ 0.000) 19.30 ng/ul

response 53360

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 162.70 | 148.57 |
| 56.00  | 130.00 | 116.25 |
| 0.00   | 0.00   | 0.00   |

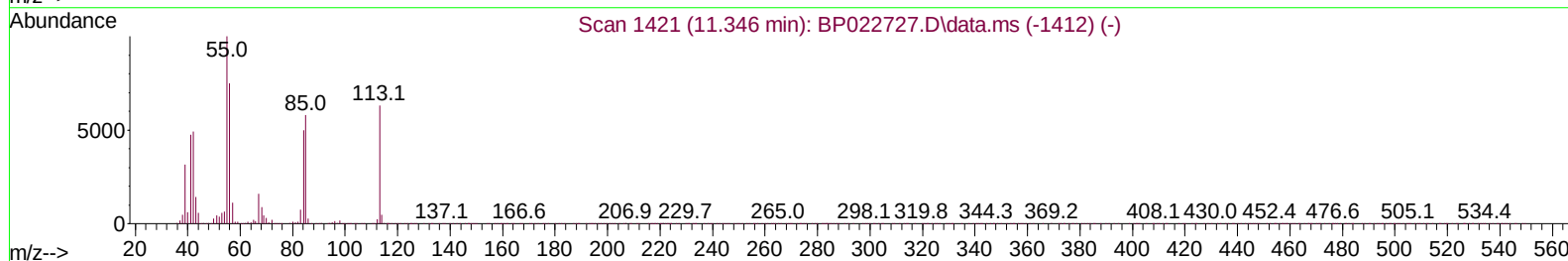
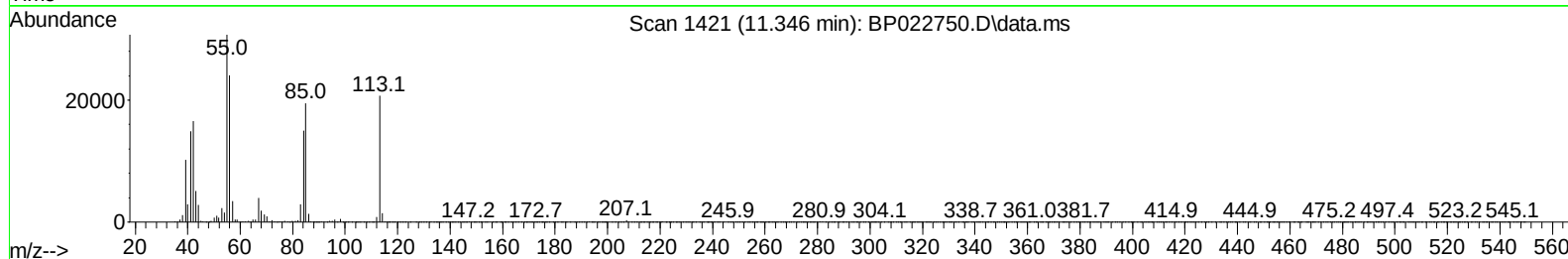
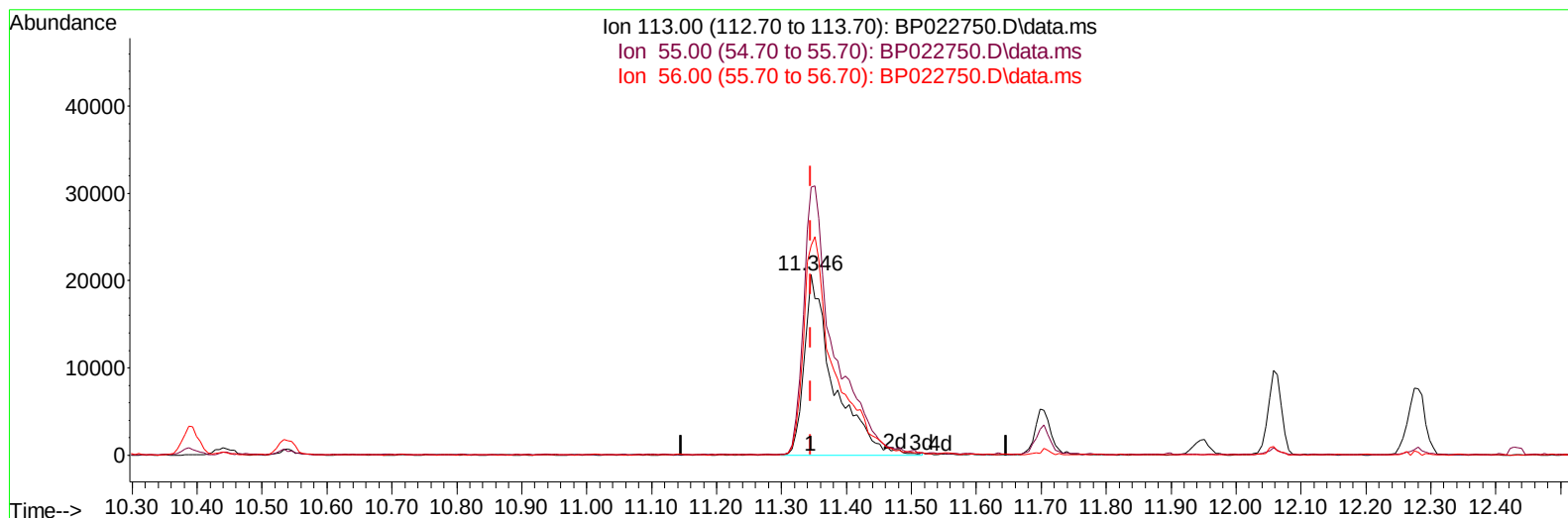
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
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Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 11/04/2024  
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TIC: BP022750.D\data.ms

(34) Caprolactam

11.346min (+ 0.000) 23.63 ng/ul m

response 65317

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 162.70 | 148.57 |
| 56.00  | 130.00 | 116.25 |
| 0.00   | 0.00   | 0.00   |

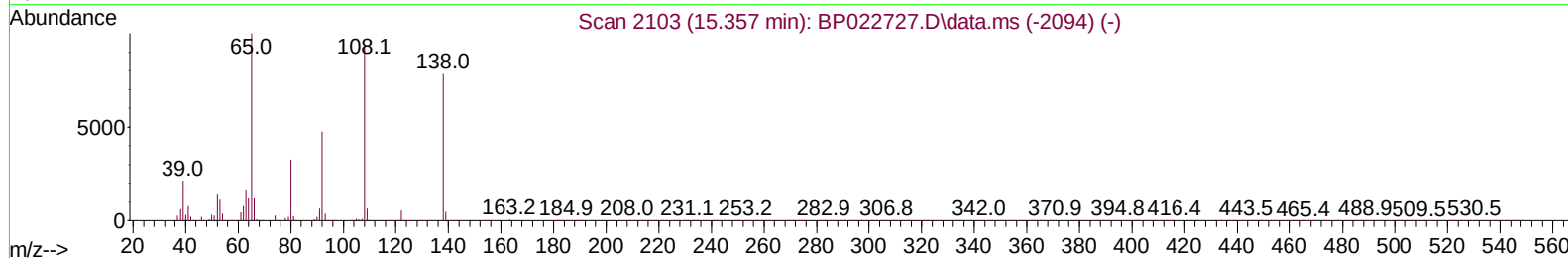
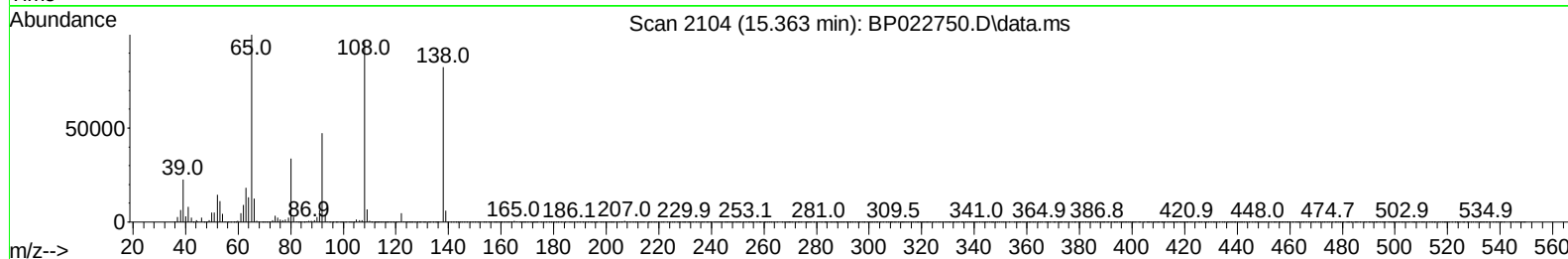
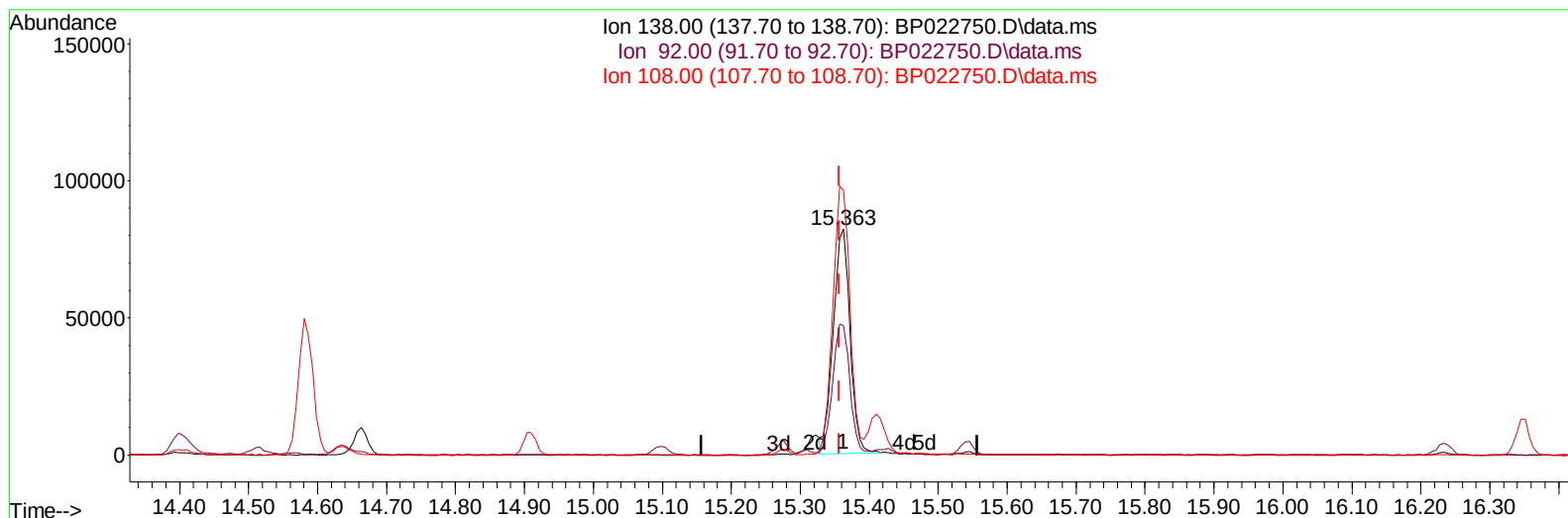
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022750.D\data.ms

**(63) 4-Nitroaniline**

**15.363min (+ 0.006) 26.49 ng/ul**

**response 138051**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 61.40  | 57.46  |
| 108.00 | 113.30 | 117.13 |
| 0.00   | 0.00   | 0.00   |

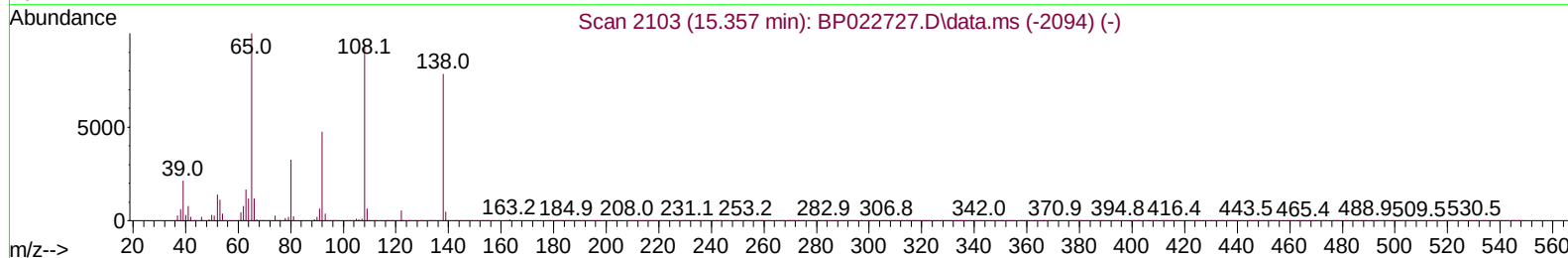
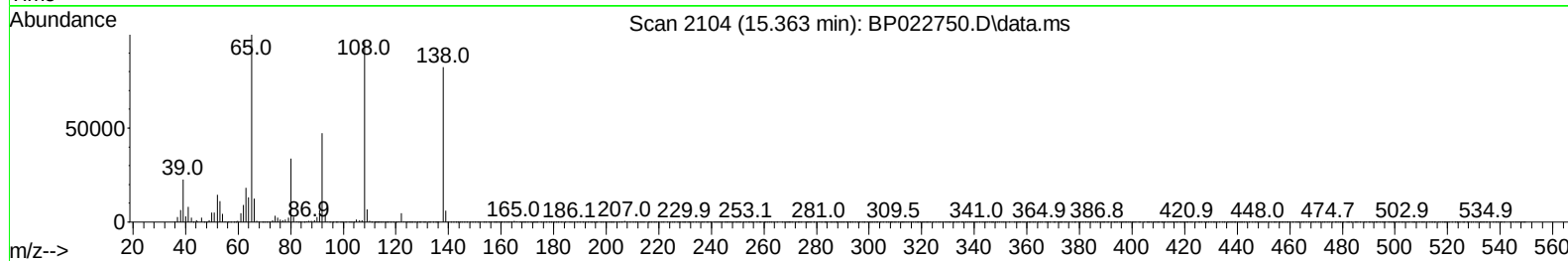
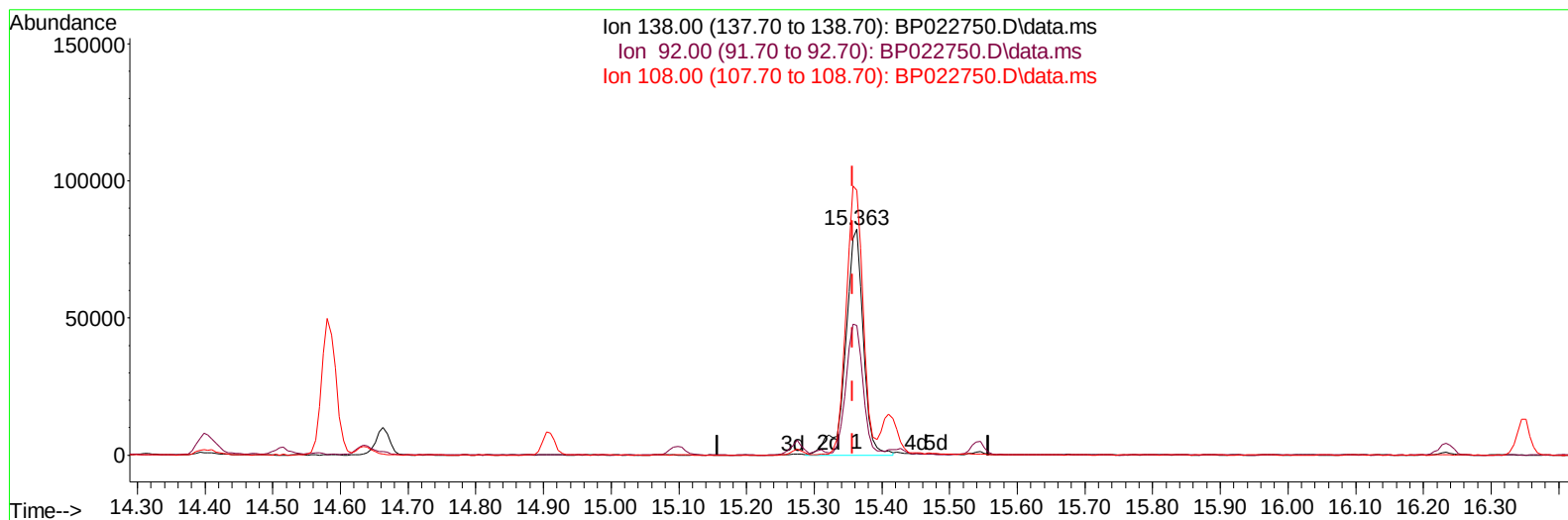
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022750.D\data.ms

**(63) 4-Nitroaniline**

**15.363min (+ 0.006) 28.97 ng/ul m**

**response 150977**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 61.40  | 57.46  |
| 108.00 | 113.30 | 117.13 |
| 0.00   | 0.00   | 0.00   |

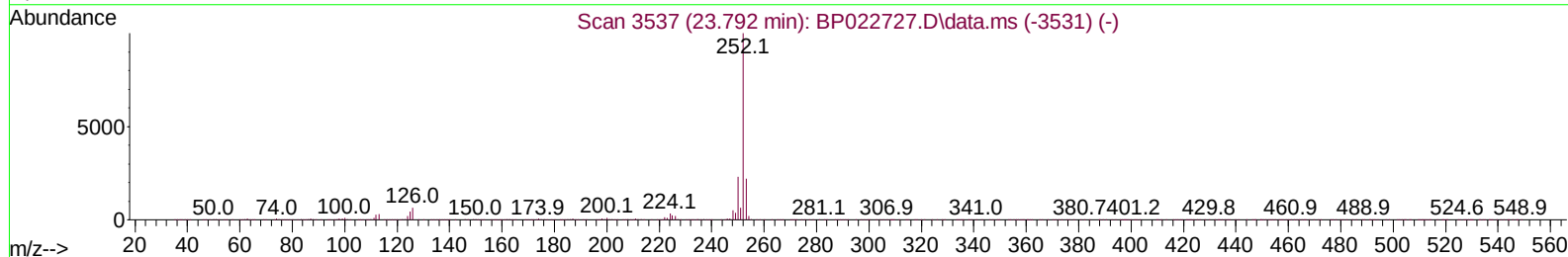
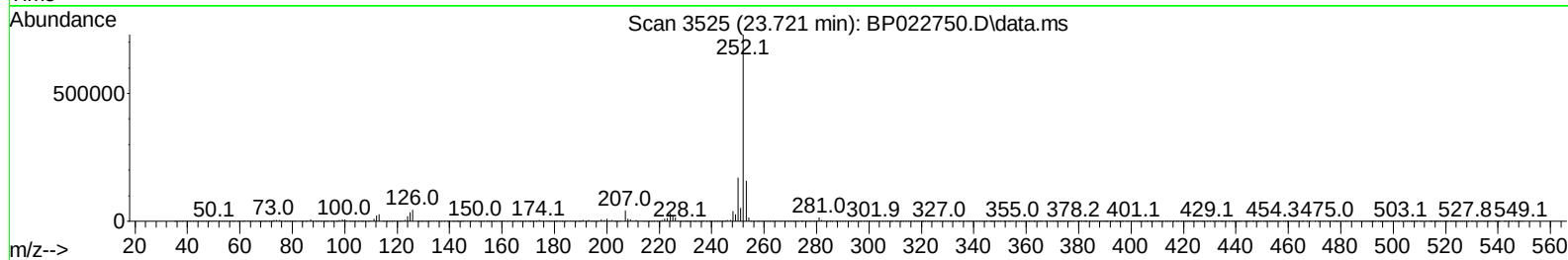
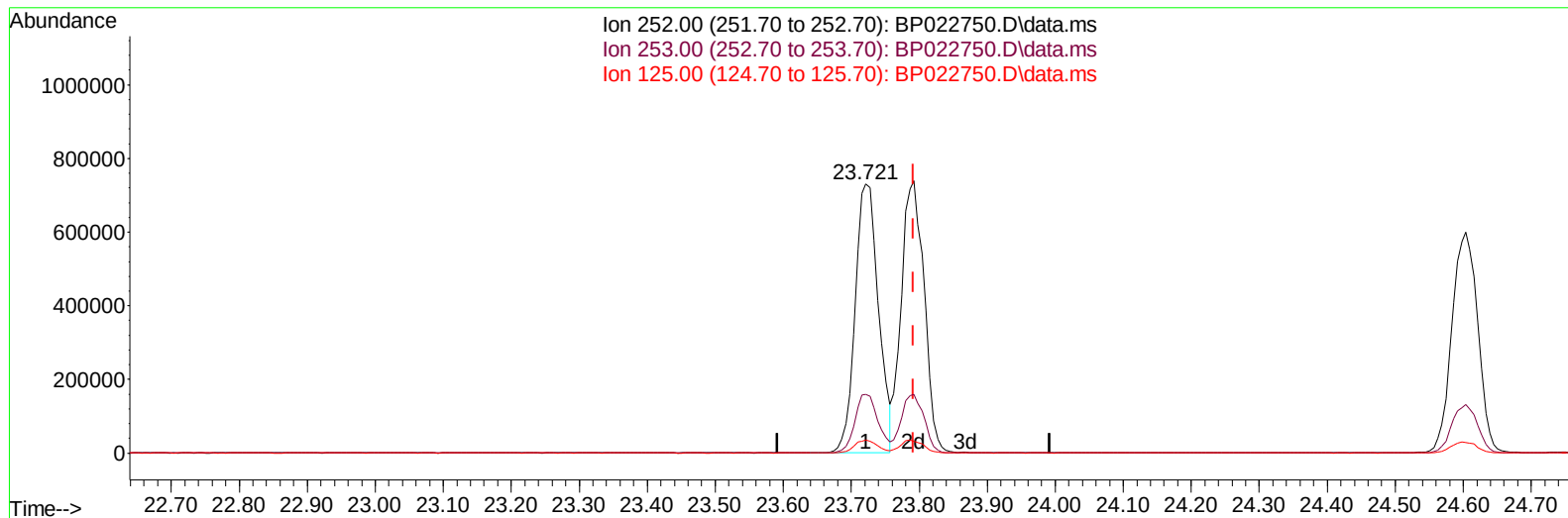
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 12:38:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration



TIC: BP022750.D\data.ms

## (91) Benzo(k)fluoranthene

23.721min (-0.071) 26.66 ng/u1

response 1746064

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.70  | 21.86  |
| 125.00 | 5.70   | 4.82   |
| 0.00   | 0.00   | 0.00   |

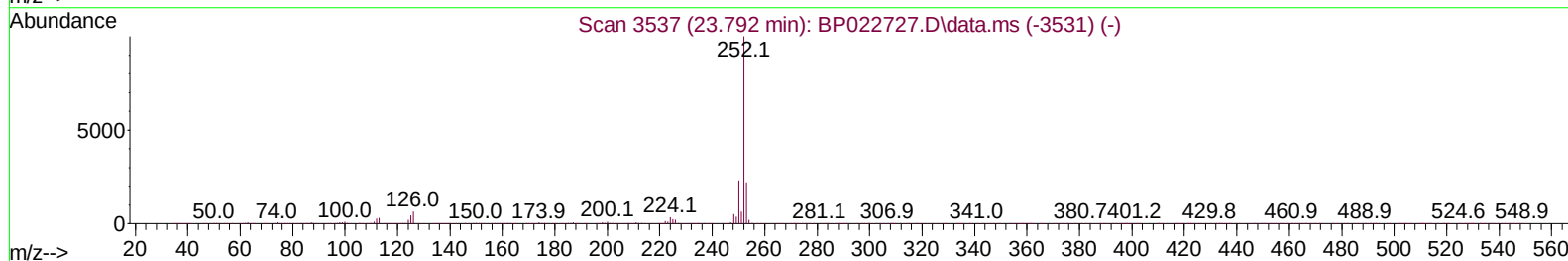
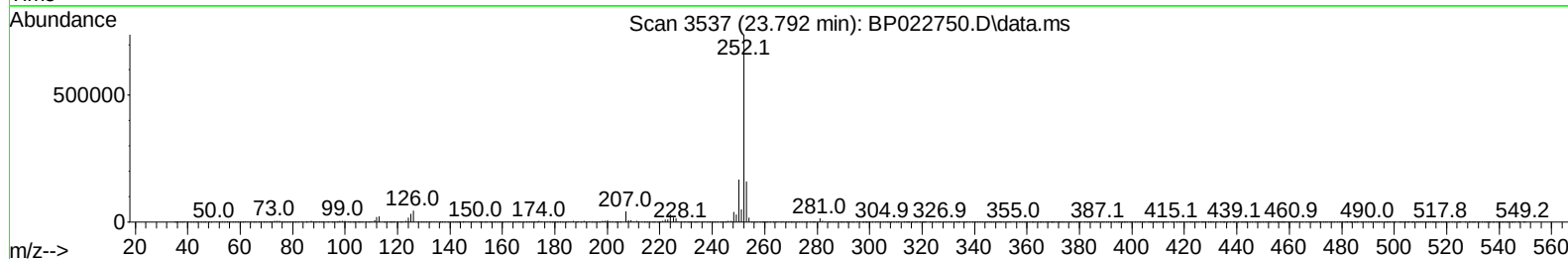
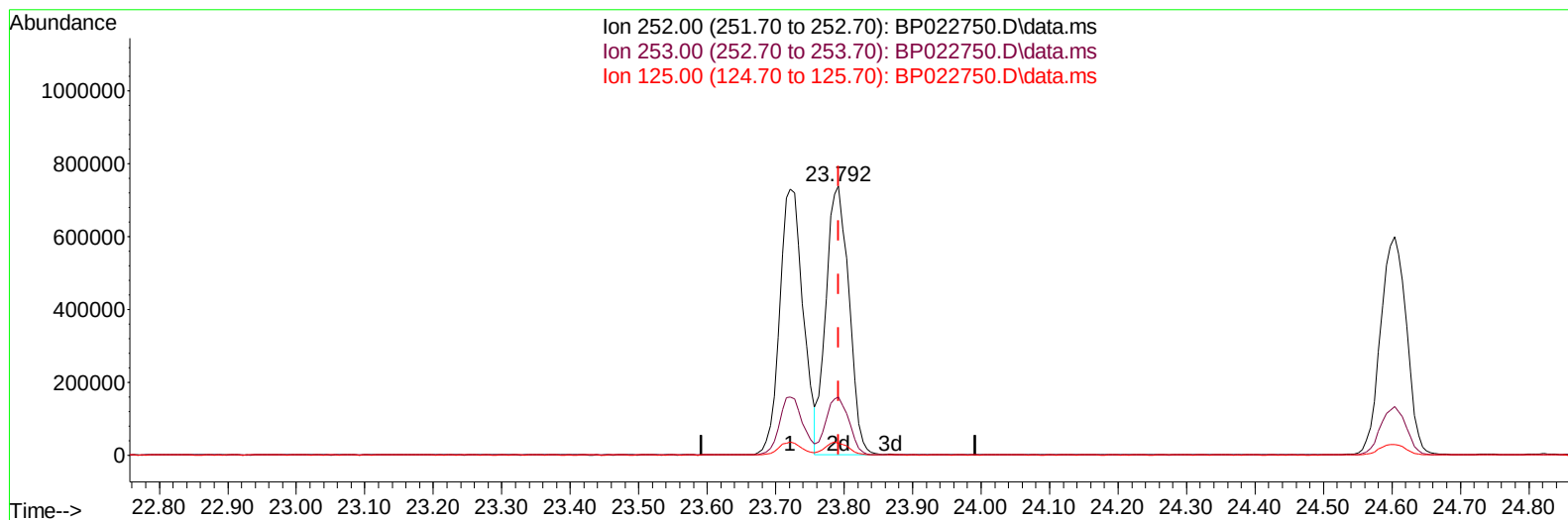
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022750.D\data.ms

(91) Benzo(k)fluoranthene

23.792min (+ 0.000) 26.33 ng/ul m

response 1724483

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.70  | 21.61  |
| 125.00 | 5.70   | 4.44#  |
| 0.00   | 0.00   | 0.00   |

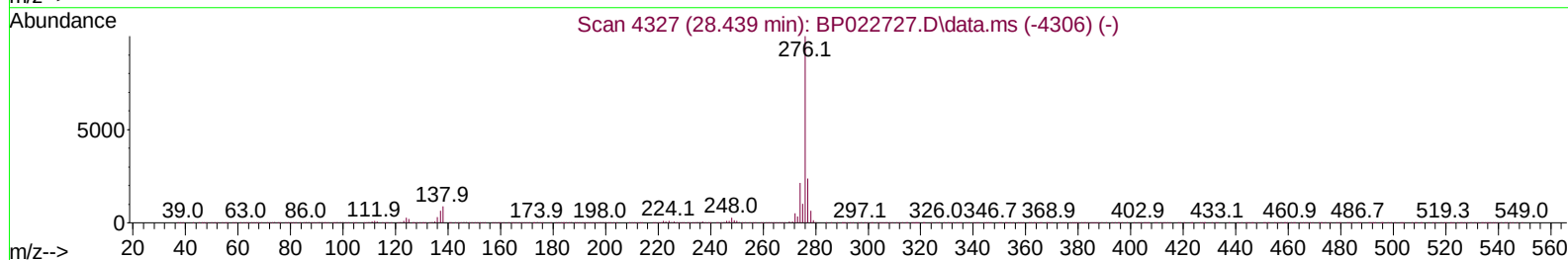
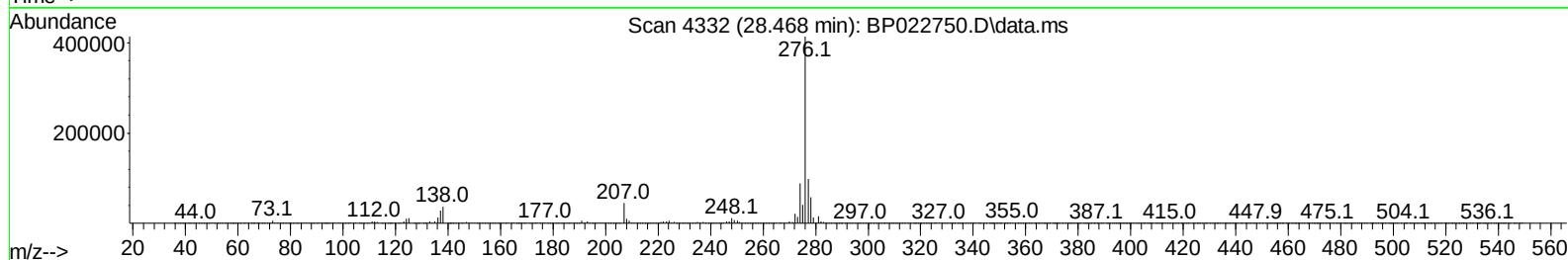
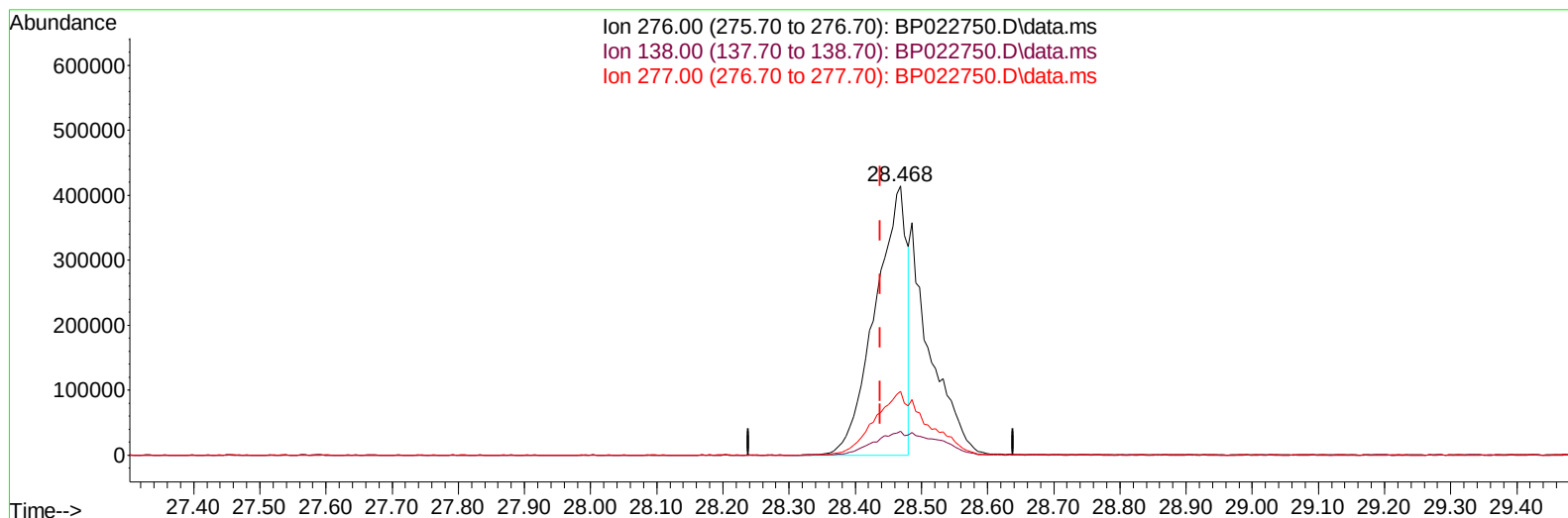
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022750.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.468min (+ 0.029) 16.77 ng/u1

response 1377942

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.40  | 8.96#  |
| 277.00 | 23.20  | 23.74  |
| 0.00   | 0.00   | 0.00   |

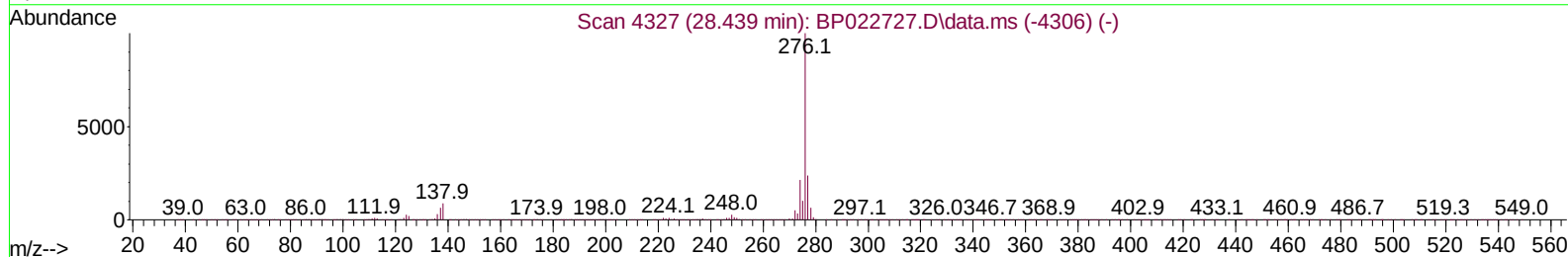
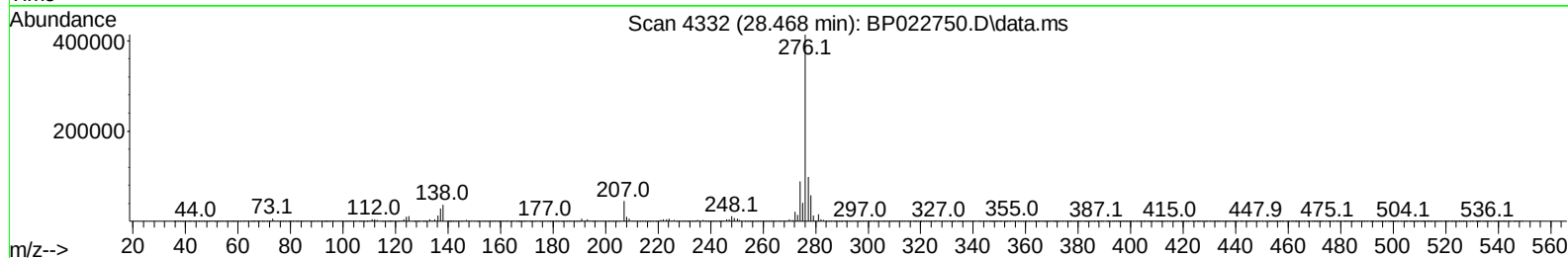
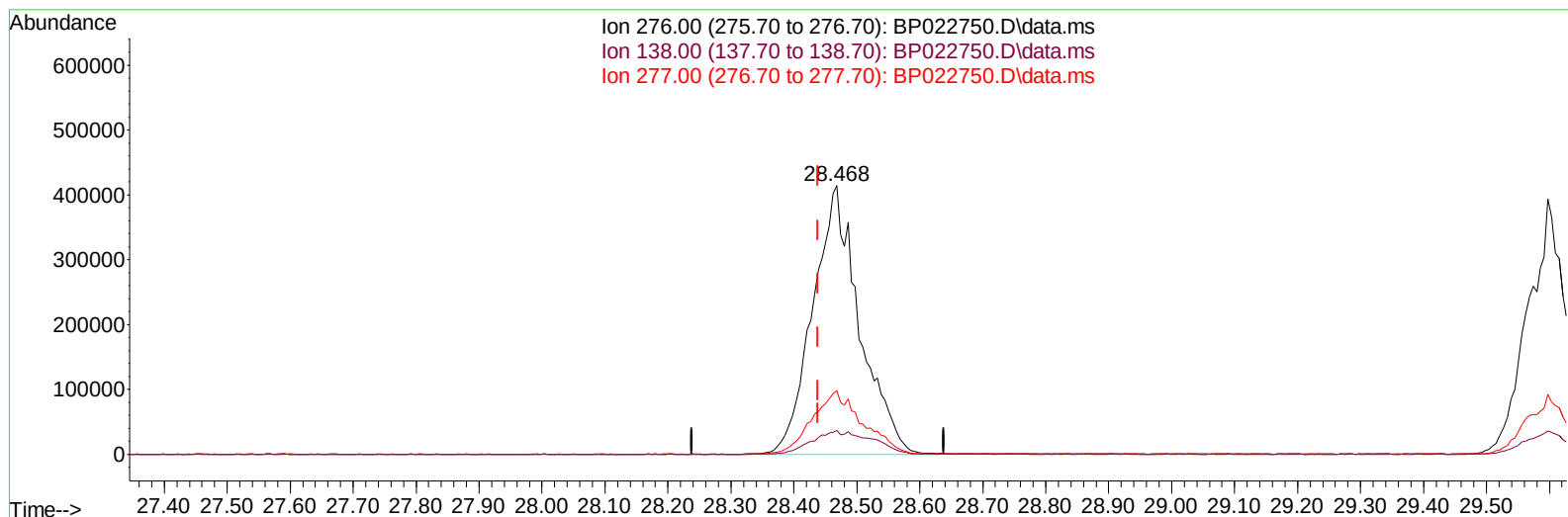
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022750.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.468min (+ 0.029) 25.92 ng/ul m

response 2128945

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.40  | 8.96#  |
| 277.00 | 23.20  | 23.74  |
| 0.00   | 0.00   | 0.00   |



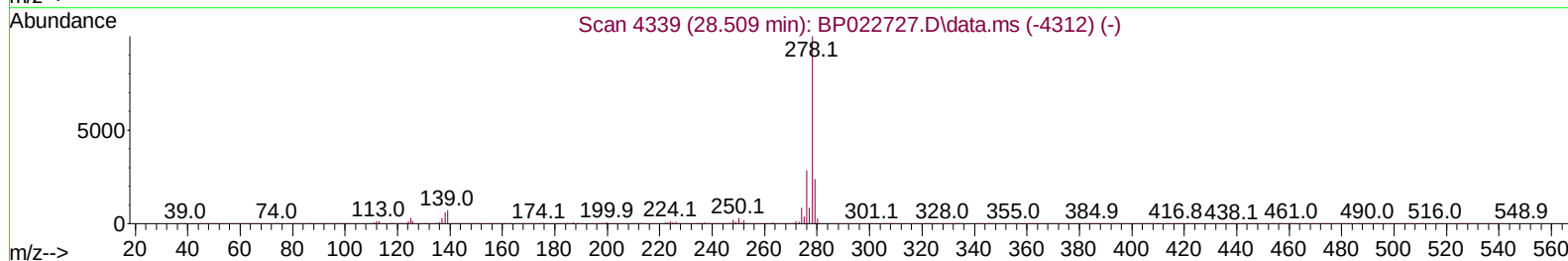
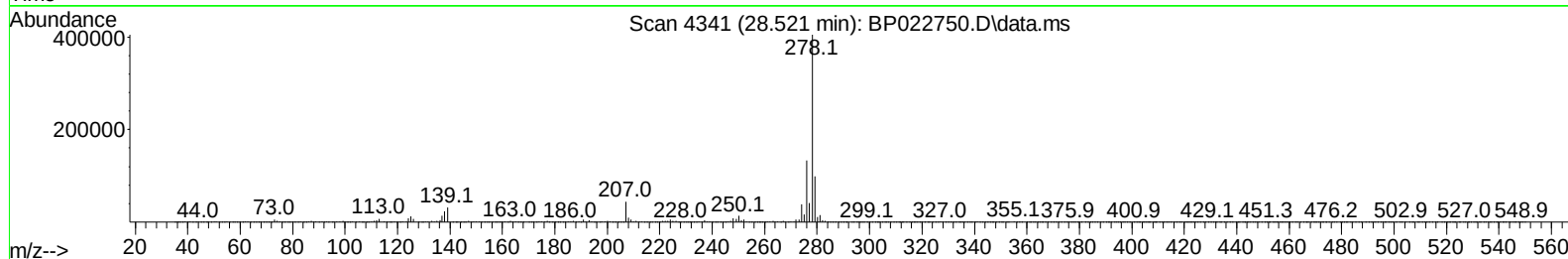
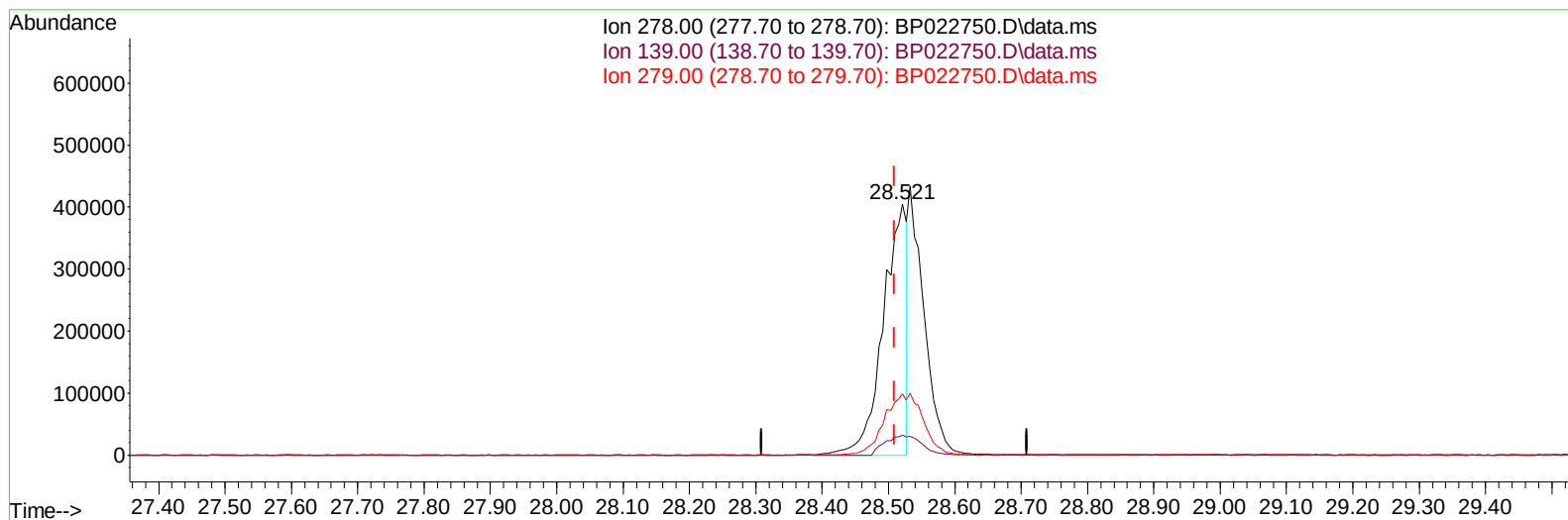
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
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TIC: BP022750.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.521min (+ 0.012) 15.08 ng/ul**

**response 1002936**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 9.10   | 7.88   |
| 279.00 | 23.70  | 24.35  |
| 0.00   | 0.00   | 0.00   |

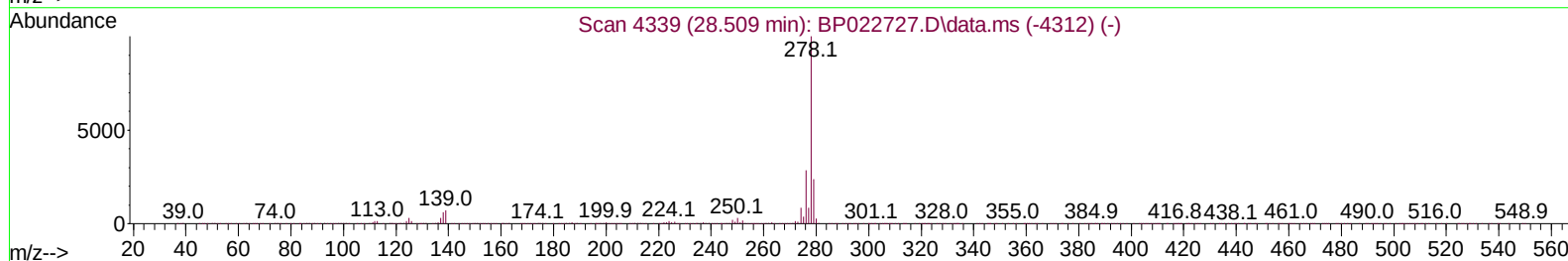
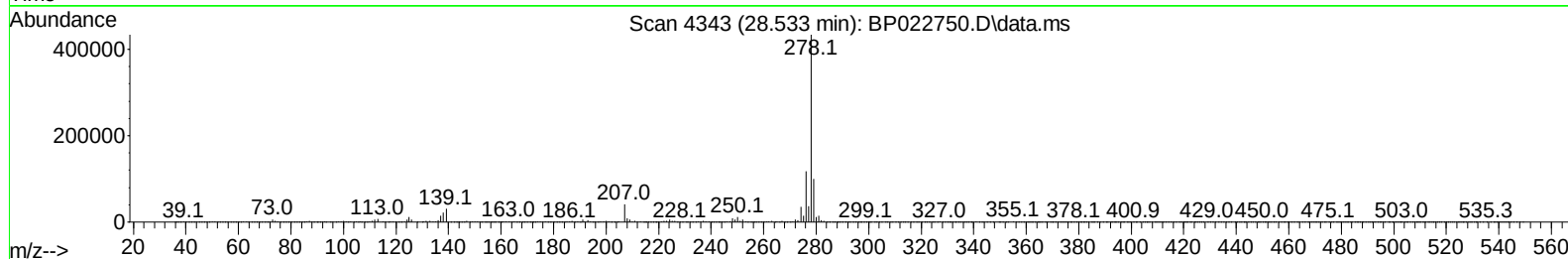
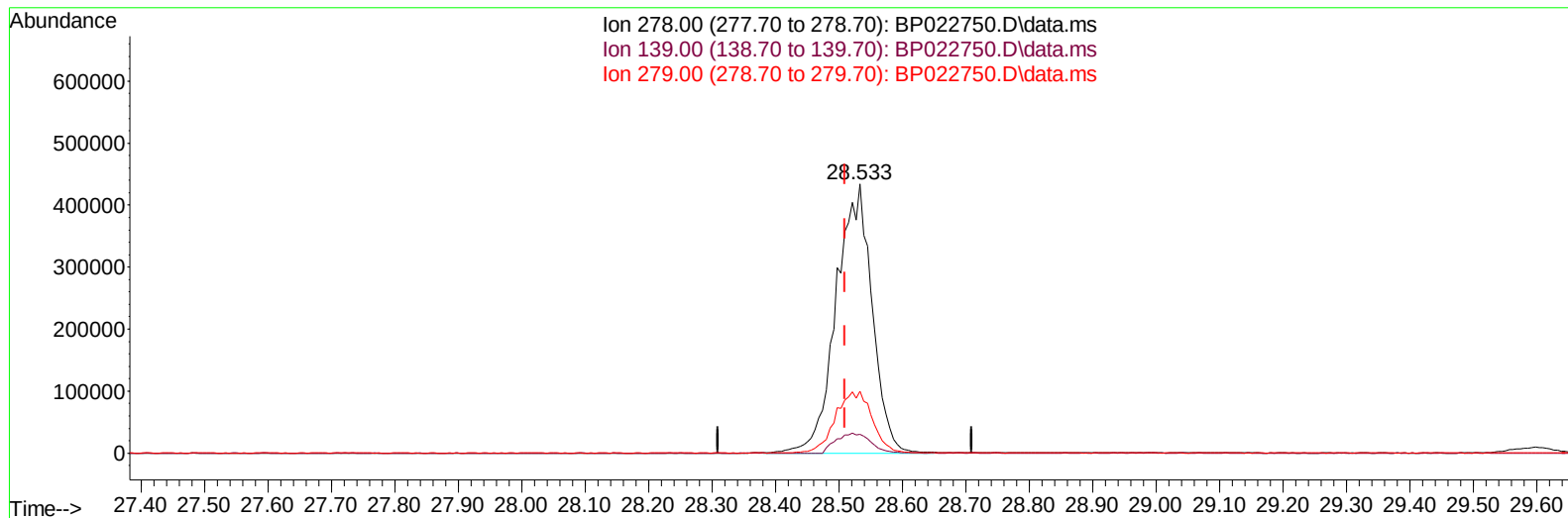
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022750.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.533min (+ 0.024) 25.59 ng/ul m**

**response 1702321**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 9.10   | 7.08#  |
| 279.00 | 23.70  | 22.90  |
| 0.00   | 0.00   | 0.00   |

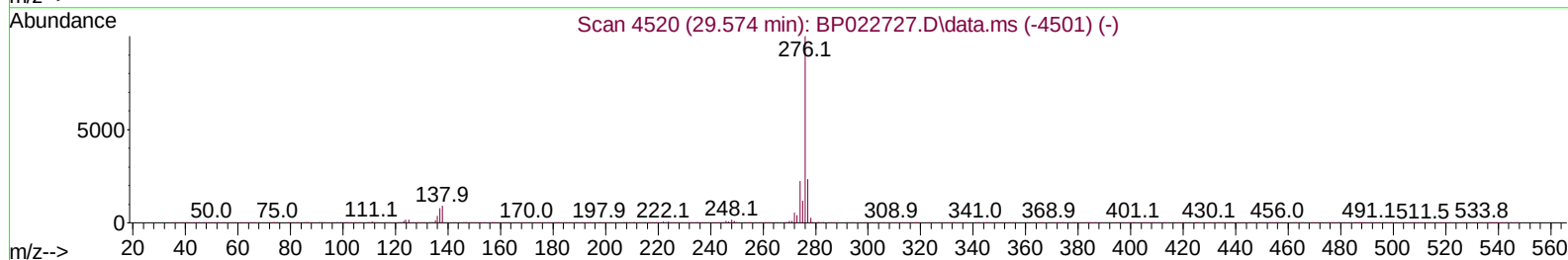
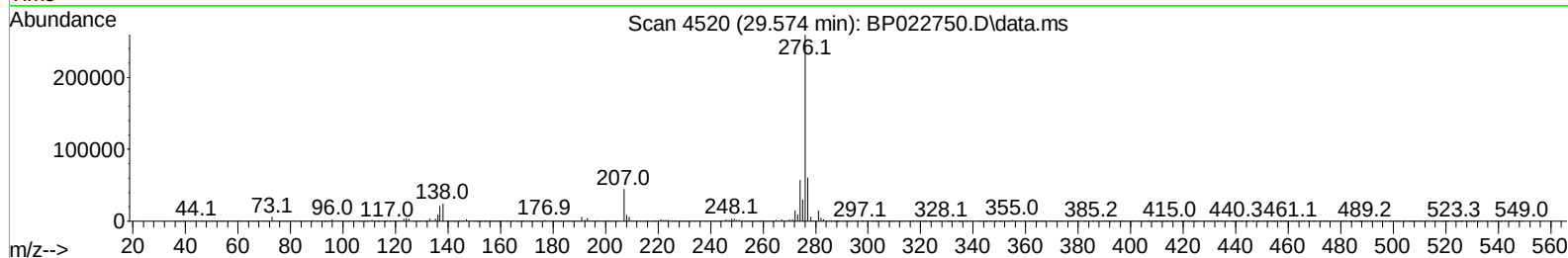
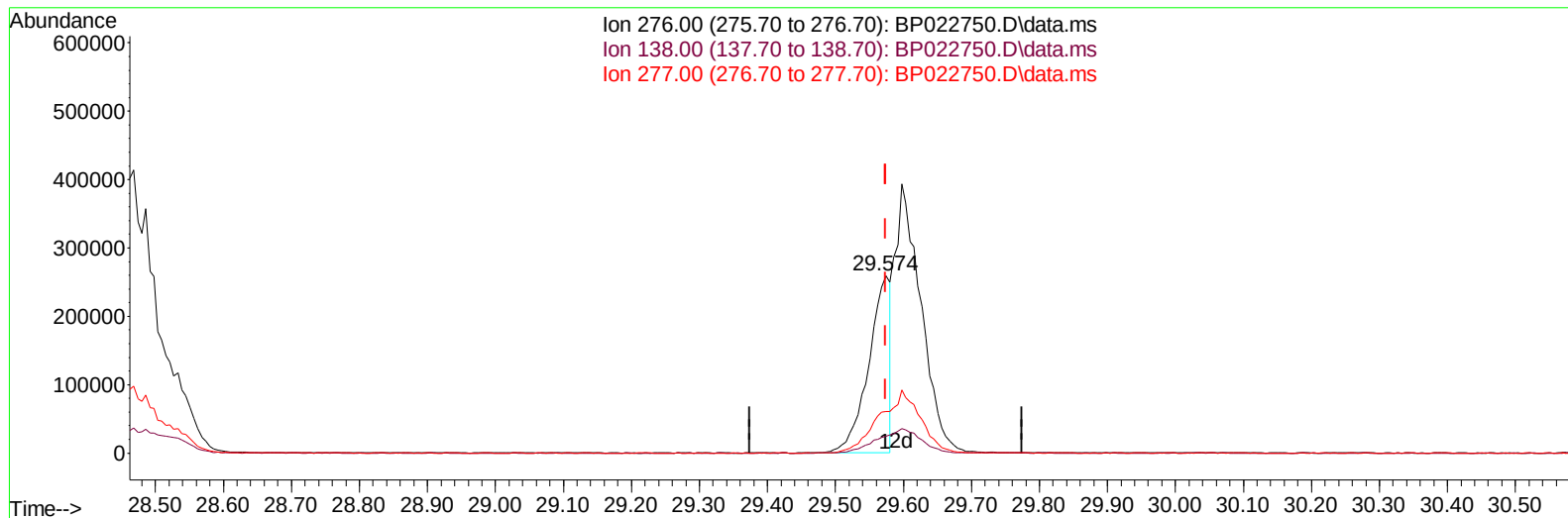
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022750.D  
Acq On : 31 Oct 2024 00:35  
Operator : RC/JU  
Sample : PB164419BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022750.D\data.ms

**(96) Benzo(g,h,i)perylene**

**29.574min (+ 0.000) 9.10 ng/u1**

**response 581351**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.60  | 9.36   |
| 277.00 | 23.70  | 23.56  |
| 0.00   | 0.00   | 0.00   |

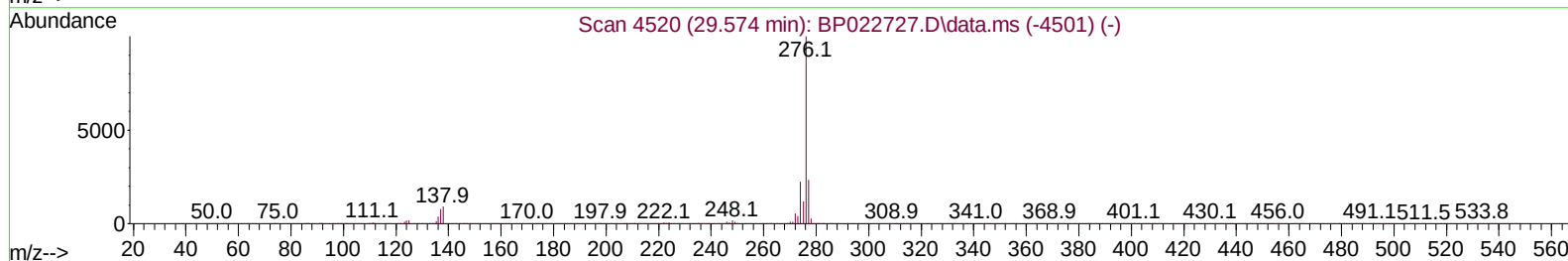
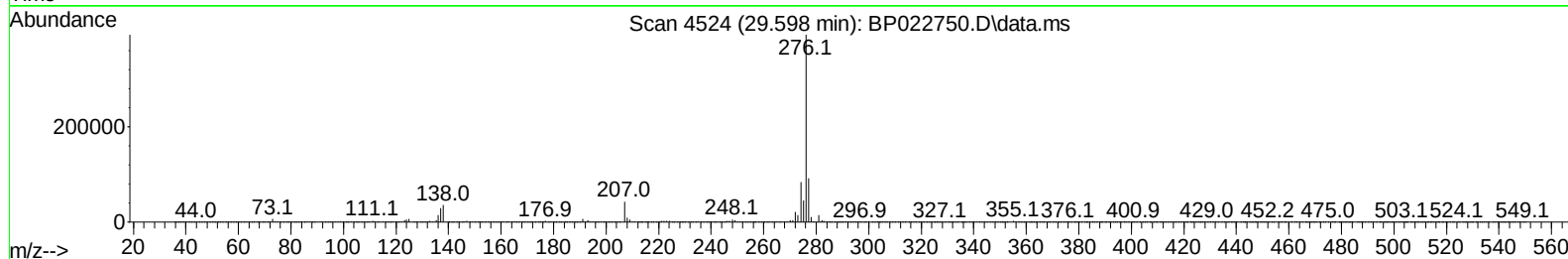
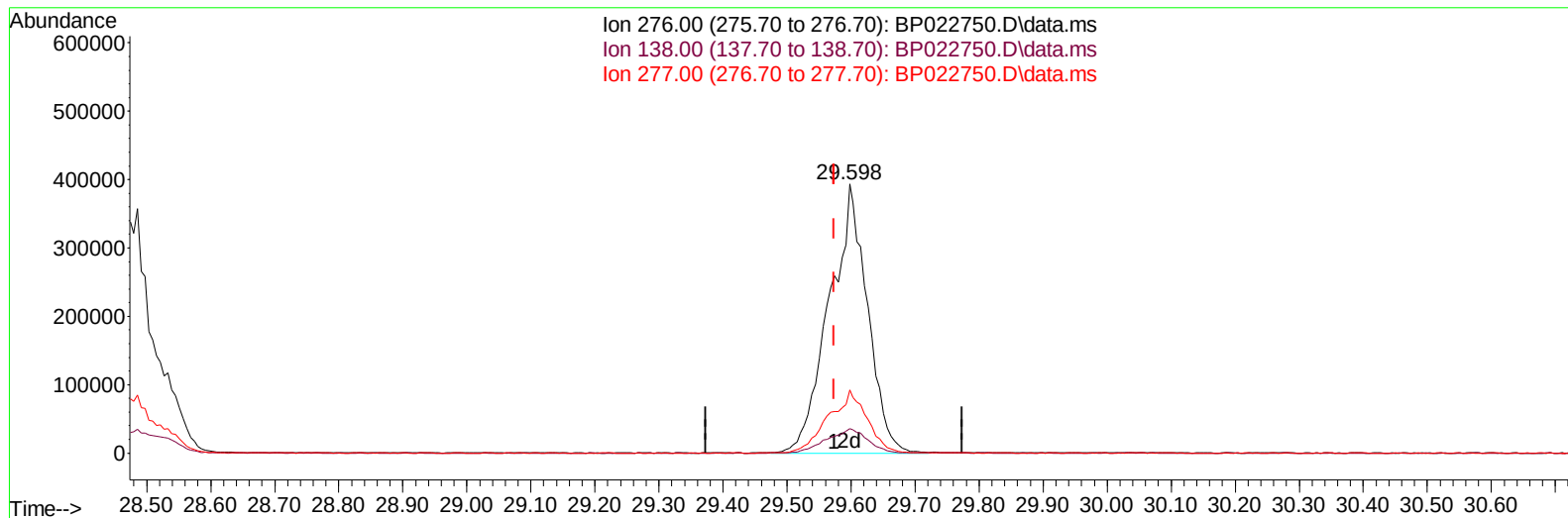
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
 Data File : BP022750.D  
 Acq On : 31 Oct 2024 00:35  
 Operator : RC/JU  
 Sample : PB164419BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS419

Manual IntegrationsAPPROVED

Quant Time: Oct 31 12:38:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 30 10:56:39 2024  
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Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :mohammad ahmed 11/05/2024



TIC: BP022750.D\data.ms

(96) Benzo(g,h,i)perylene

29.598min (+ 0.024) 25.49 ng/ul m

response 1628756

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.60  | 9.13   |
| 277.00 | 23.70  | 23.42  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
 Data File : BP022750.D  
 Acq On : 31 Oct 2024 00:35  
 Operator : RC/JU  
 Sample : PB164419BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS419

Manual IntegrationsAPPROVED

Quant Time: Nov 01 00:12:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 30 10:56:39 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :mohammad ahmed 11/05/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.634  | 152  | 120588   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.387 | 136  | 460265   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.251 | 164  | 368261   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.063 | 188  | 910076   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.492 | 240  | 938014   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.745 | 264  | 1062545  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 12571    | 4.051  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.593  | 84   | 193987   | 22.771 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.834  | 99   | 250841   | 24.712 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.981  | 67   | 136768   | 22.924 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.181  | 132  | 191296   | 26.559 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.346  | 113  | 198994   | 24.565 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.775  | 128  | 89774    | 25.367 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.493  | 143  | 111938   | 27.320 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.034 | 165  | 237567   | 27.281 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.534 | 131  | 233886   | 22.730 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.663 | 166  | 708127   | 24.202 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.940 | 160  | 783585   | 25.215 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.498 | 143  | 118825   | 24.208 | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.275 | 176  | 635328   | 25.034 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.410 | 200  | 113981   | 19.043 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.151 | 188  | 1078255  | 25.186 | ng/ul  | -0.02    |
| 81) Pyrene-d10                | 19.545 | 212  | 1354665  | 27.310 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.539 | 264  | 1493155  | 26.313 | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.217  | 88   | 26914    | 8.066  | ng/uL  | 97       |
| 5) Pyridine                   | 3.611  | 79   | 192438   | 22.031 | ng/ul  | 96       |
| 6) Benzaldehyde               | 6.799  | 77   | 22602    | 4.120  | ng/ul  | 88       |
| 8) Phenol                     | 6.863  | 94   | 262474   | 24.853 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.075  | 93   | 189734   | 24.005 | ng/ul  | 98       |
| 12) 2-Chlorophenol            | 7.216  | 128  | 195057   | 26.189 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.087  | 108  | 193438   | 25.239 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.152  | 45   | 212998   | 23.188 | ng/ul  | 98       |
| 16) Acetophenone              | 8.452  | 105  | 316467   | 23.663 | ng/ul  | 93       |
| 17) N-Nitroso-di-n-propyla... | 8.434  | 70   | 162178   | 23.935 | ng/ul  | 98       |
| 18) 4-Methylphenol            | 8.405  | 108  | 209068   | 24.589 | ng/ul  | 97       |
| 19) Hexachloroethane          | 8.693  | 117  | 86572    | 24.958 | ng/ul  | 96       |
| 22) Nitrobenzene              | 8.822  | 77   | 254967   | 24.136 | ng/ul  | 99       |
| 23) Isophorone                | 9.346  | 82   | 449521   | 23.734 | ng/ul  | 100      |
| 25) 2-Nitrophenol             | 9.522  | 139  | 116010   | 26.272 | ng/ul  | 95       |
| 26) 2,4-Dimethylphenol        | 9.593  | 107  | 224787   | 23.421 | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.810  | 93   | 254274   | 23.644 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.057 | 162  | 233209   | 27.195 | ng/ul  | 99       |
| 30) Naphthalene               | 10.440 | 128  | 610852   | 24.917 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.563 | 127  | 163358   | 16.083 | ng/ul  | 95       |
| 33) Hexachlorobutadiene       | 10.716 | 225  | 190945   | 26.419 | ng/ul  | 98       |
| 34) Caprolactam               | 11.346 | 113  | 65317m   | 23.626 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.704 | 107  | 246523   | 26.348 | ng/ul  | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
 Data File : BP022750.D  
 Acq On : 31 Oct 2024 00:35  
 Operator : RC/JU  
 Sample : PB164419BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS419

Manual IntegrationsAPPROVED

Quant Time: Nov 01 00:12:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 30 10:56:39 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :mohammad ahmed 11/05/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.057 | 142  | 457635   | 25.431 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.281 | 142  | 455202   | 24.783 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.428 | 216  | 349419   | 25.661 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.410 | 237  | 89056    | 10.735 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.681 | 196  | 229167   | 26.756 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.763 | 196  | 250020   | 27.414 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.081 | 154  | 661422   | 24.918 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.128 | 162  | 549894   | 25.307 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.340 | 65   | 160826   | 24.787 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 13.716 | 163  | 695413   | 23.852 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.845 | 165  | 148646   | 26.955 | ng/ul  | 95       |
| 50) Acenaphthylene            | 13.969 | 152  | 797713   | 24.733 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.187 | 138  | 131065   | 25.305 | ng/ul  | 96       |
| 52) Acenaphthene              | 14.316 | 153  | 568063   | 24.908 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.398 | 184  | 66979    | 16.508 | ng/ul  | 96       |
| 55) 4-Nitrophenol             | 14.516 | 109  | 138508   | 25.424 | ng/ul  | 94       |
| 56) Dibenzofuran              | 14.663 | 168  | 854921   | 24.955 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.634 | 165  | 226084   | 26.383 | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.910 | 232  | 230075   | 27.028 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.098 | 149  | 697106   | 24.922 | ng/ul  | 98       |
| 61) Fluorene                  | 15.322 | 166  | 697816   | 24.999 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.310 | 204  | 410813   | 25.736 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.363 | 138  | 150977m  | 28.968 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.428 | 198  | 123399   | 19.140 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.545 | 169  | 597221   | 24.505 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.234 | 248  | 288567   | 26.294 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.351 | 284  | 363745   | 26.926 | ng/ul  | 96       |
| 70) Atrazine                  | 16.522 | 200  | 262631   | 25.925 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 16.710 | 266  | 232066   | 26.717 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.104 | 178  | 1232100  | 25.305 | ng/ul  | 99       |
| 74) Anthracene                | 17.192 | 178  | 1210309  | 24.909 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.046 | 216  | 348615   | 25.158 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.581 | 250  | 374662   | 24.458 | ng/uL  | 99       |
| 77) Carbazole                 | 17.475 | 167  | 1068959  | 24.863 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.069 | 149  | 1233927  | 25.938 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.198 | 202  | 1565877  | 27.459 | ng/ul  | 99       |
| 82) Pyrene                    | 19.575 | 202  | 1679945  | 27.486 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.522 | 149  | 588947   | 27.677 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.398 | 252  | 472094   | 21.113 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.469 | 228  | 1679376  | 25.539 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149  | 813323   | 26.627 | ng/ul  | 98       |
| 87) Chrysene                  | 21.533 | 228  | 1543741  | 25.318 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.645 | 149  | 1365403  | 27.016 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.721 | 252  | 1746064  | 26.106 | ng/ul# | 98       |
| 91) Benzo(k)fluoranthene      | 23.792 | 252  | 1724483m | 26.335 | ng/ul  |          |
| 93) Benzo(a)pyrene            | 24.604 | 252  | 1585910  | 25.764 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.468 | 276  | 2128945m | 25.917 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.533 | 278  | 1702321m | 25.592 | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.598 | 276  | 1628756m | 25.492 | ng/ul  |          |

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

**Instrument :**

BNA\_P

**ClientSampleId :**

SLCS419

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/05/2024

