

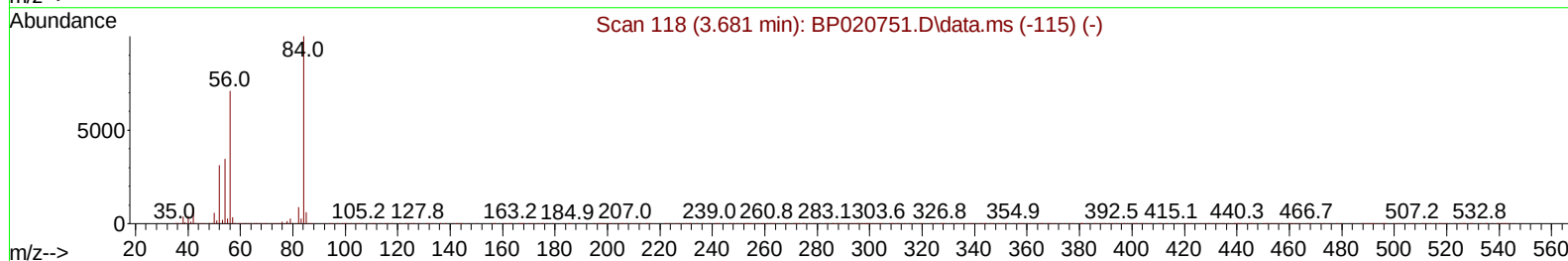
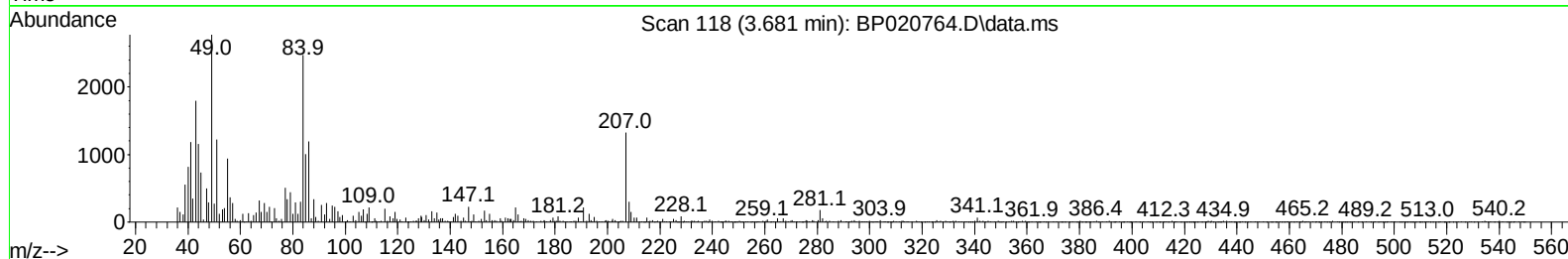
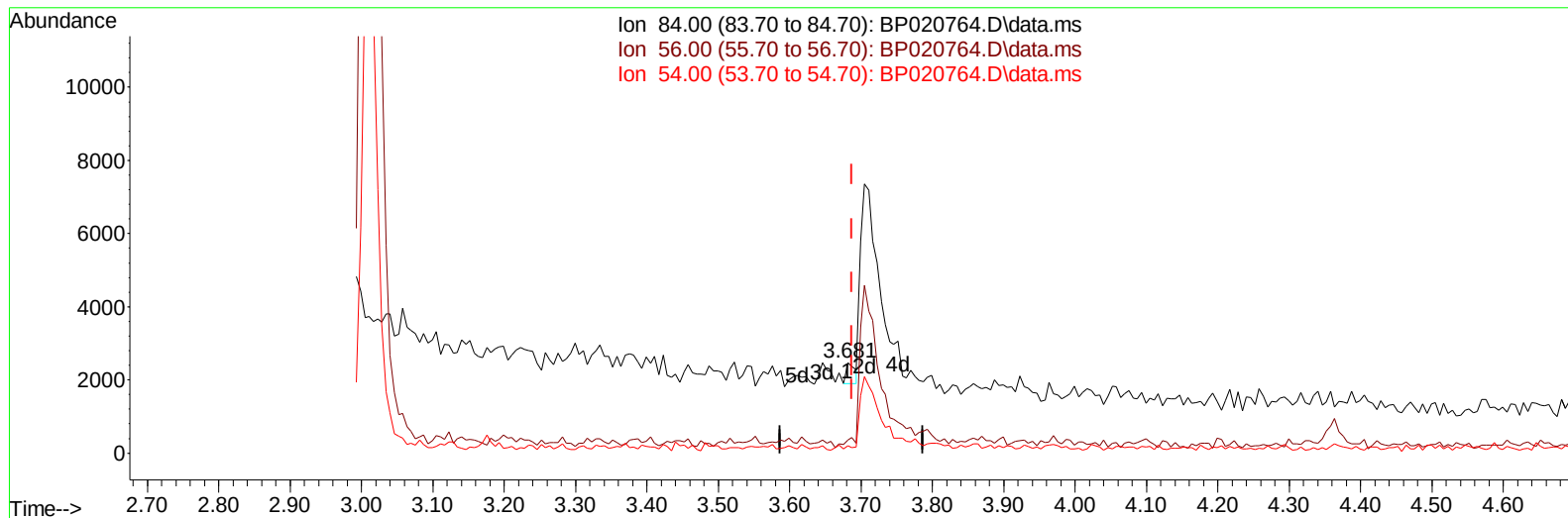
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070124\  
Data File : BP020764.D  
Acq On : 03 Jul 2024 00:20  
Operator : MA/JU  
Sample : P3065-09  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:07:43 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 25 18:30:06 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024  
Supervised By :mohammad ahmed 07/04/2024



TIC: BP020764.D\data.ms

(4) Pyridine-d5 (S)

3.681min (-0.006) 0.03 ng/uI

response 498

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 75.20  | 14.68# |
| 54.00 | 37.40  | 8.41#  |
| 0.00  | 0.00   | 0.00   |

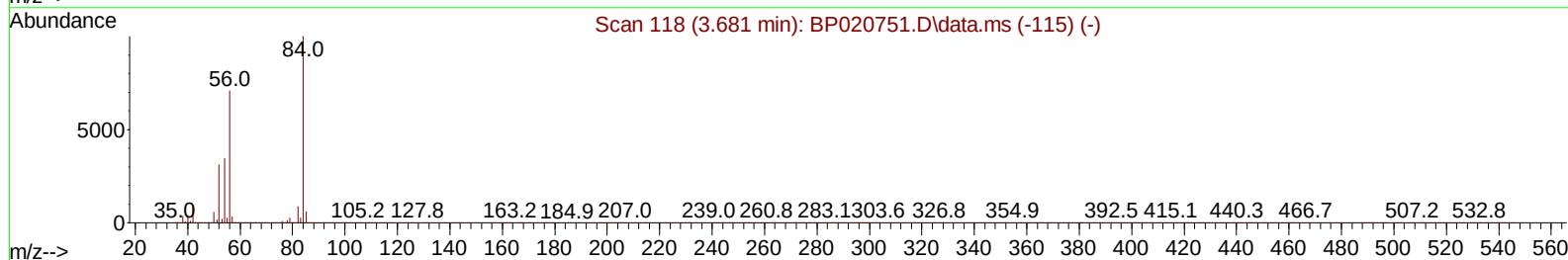
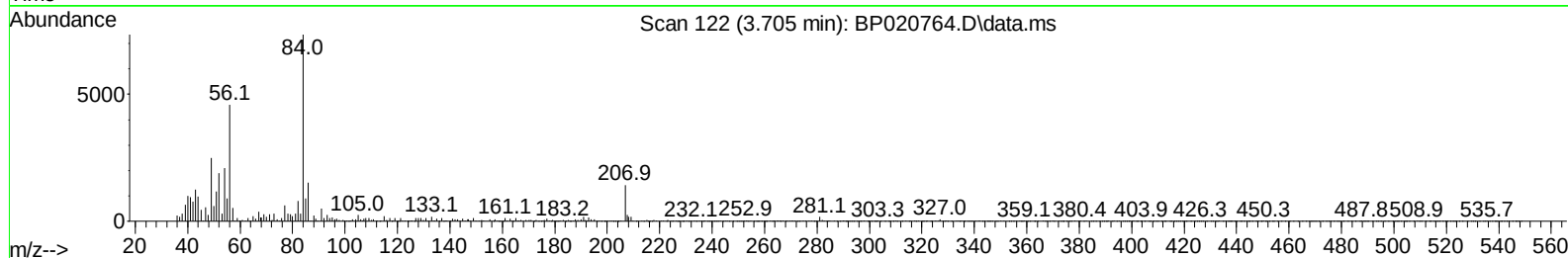
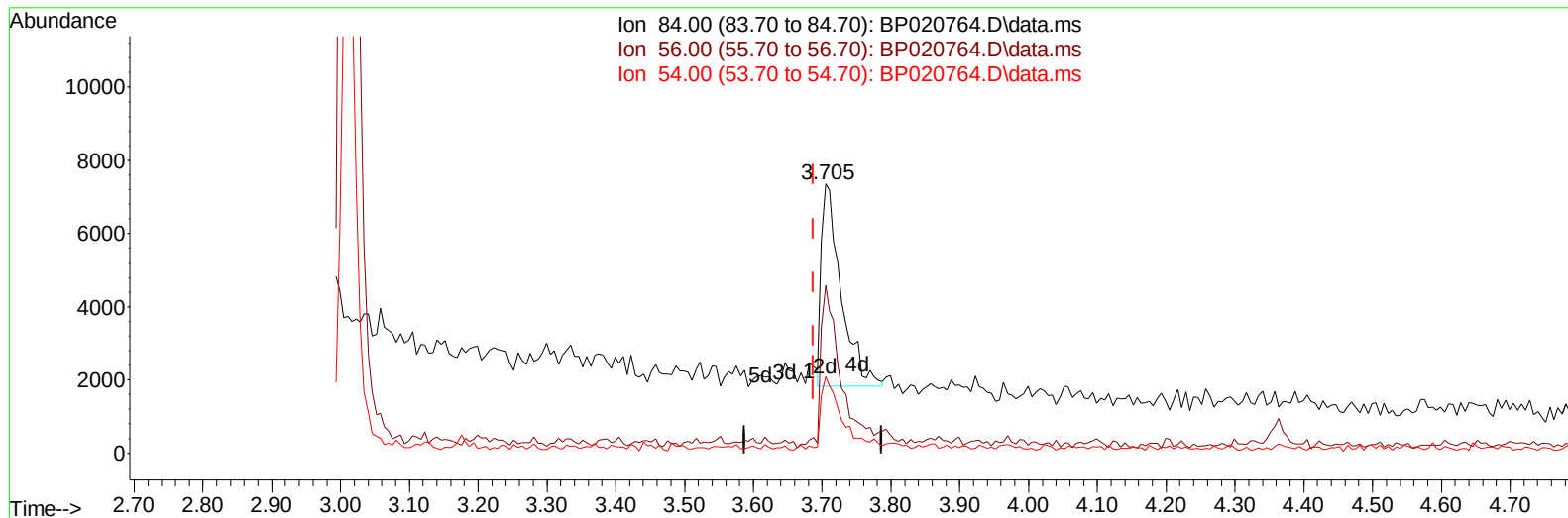
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070124\  
Data File : BP020764.D  
Acq On : 03 Jul 2024 00:20  
Operator : MA/JU  
Sample : P3065-09  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:07:43 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
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QLast Update : Tue Jun 25 18:30:06 2024  
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TIC: BP020764.D\data.ms

(4) Pyridine-d5 (S)

3.705min (+ 0.018) 0.73 ng/ul m

response 10971

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 75.20  | 62.44  |
| 54.00 | 37.40  | 28.40# |
| 0.00  | 0.00   | 0.00   |

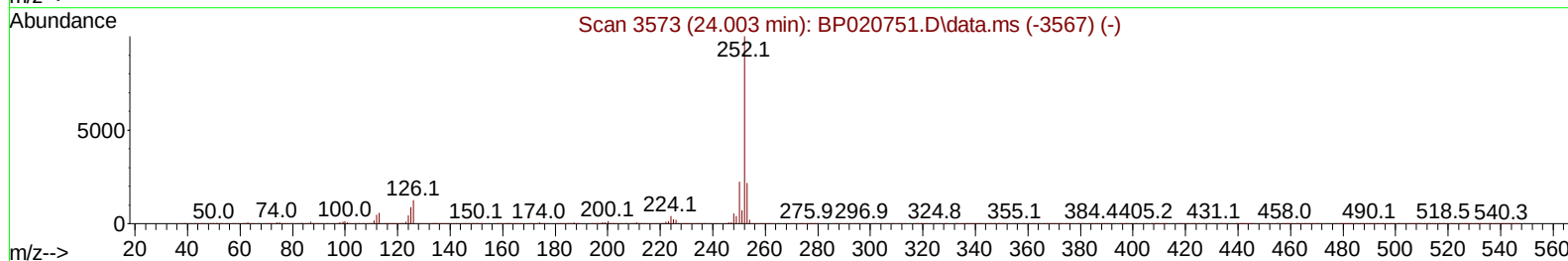
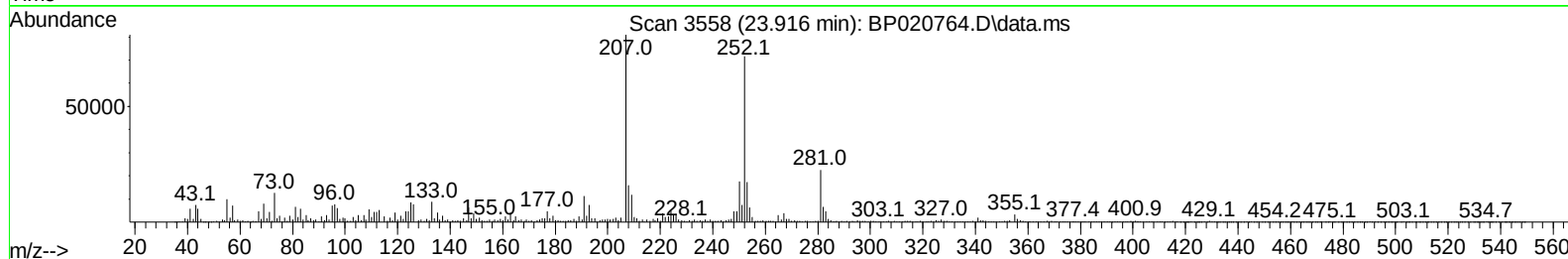
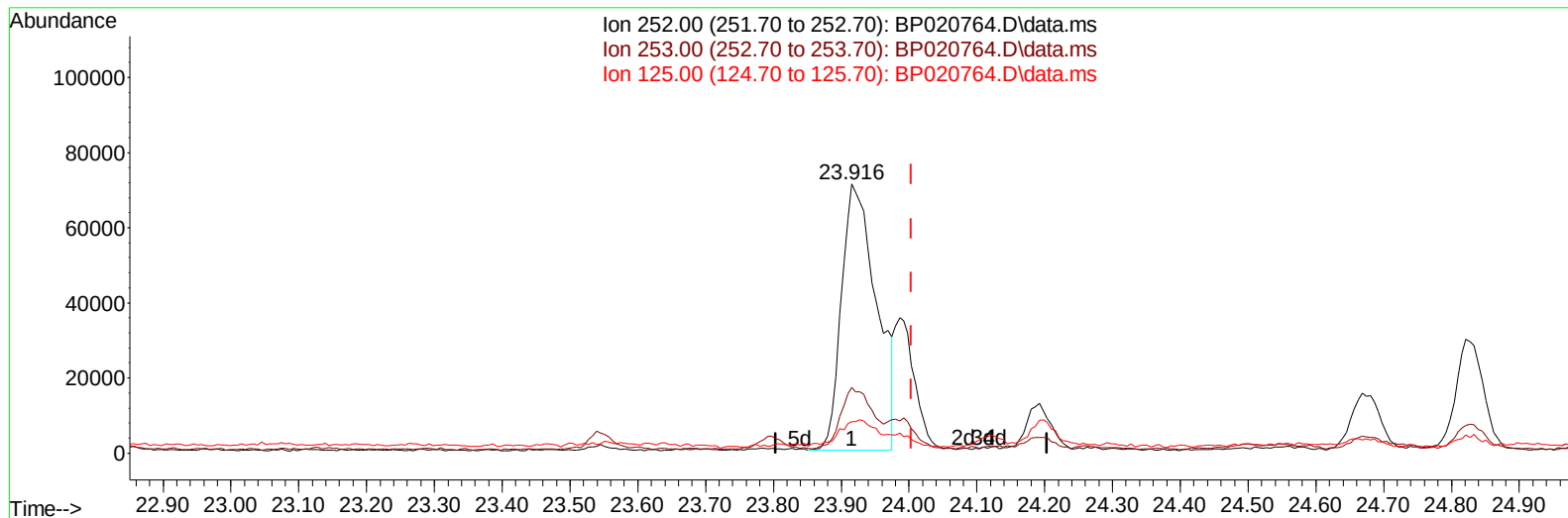
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070124\  
Data File : BP020764.D  
Acq On : 03 Jul 2024 00:20  
Operator : MA/JU  
Sample : P3065-09  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:08:06 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 25 18:30:06 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024  
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TIC: BP020764.D\data.ms

(91) Benzo(k)fluoranthene

23.916min (-0.088) 4.20 ng/u1

response 254708

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00  | 24.31  |
| 125.00 | 9.90   | 11.81  |
| 0.00   | 0.00   | 0.00   |

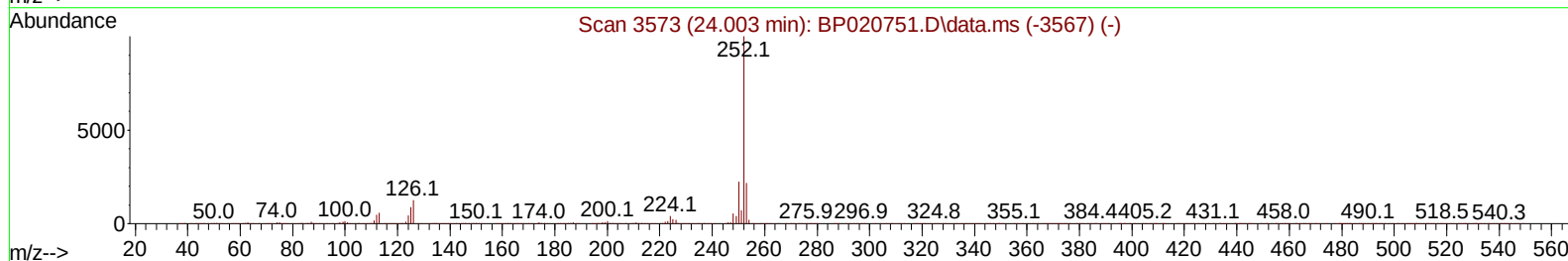
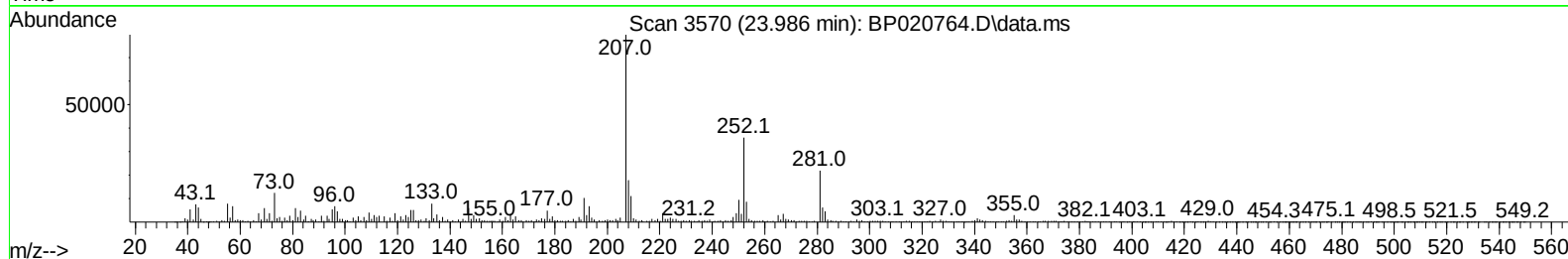
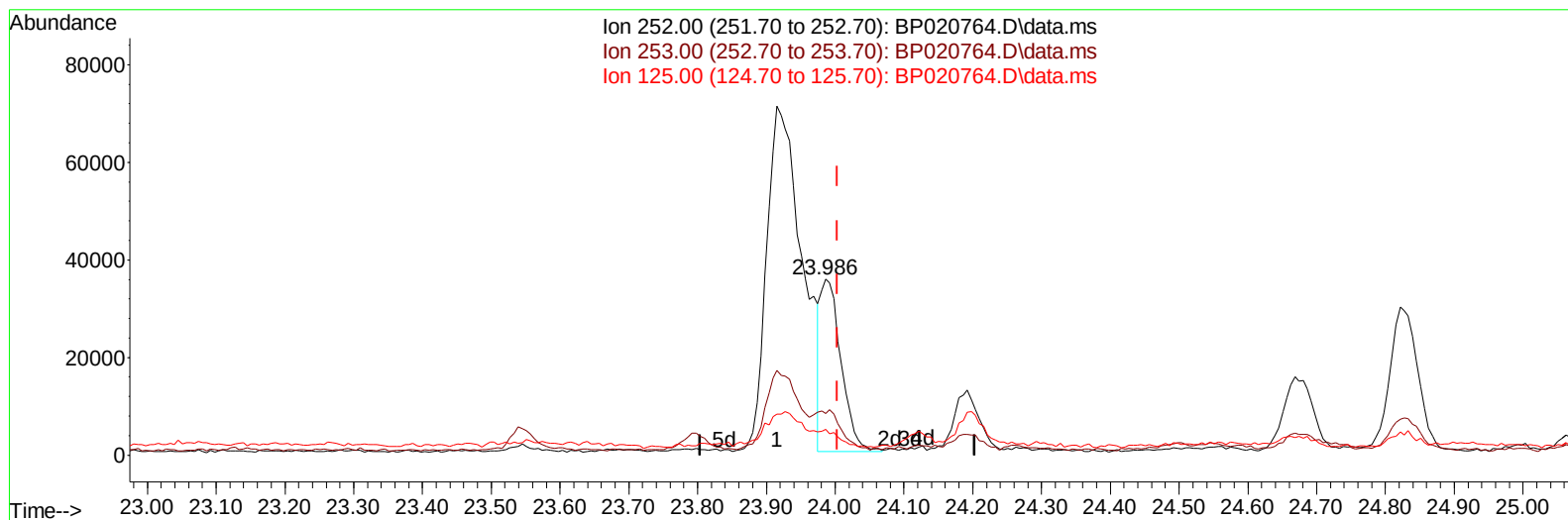
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070124\  
 Data File : BP020764.D  
 Acq On : 03 Jul 2024 00:20  
 Operator : MA/JU  
 Sample : P3065-09  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:08:06 2024  
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 QLast Update : Tue Jun 25 18:30:06 2024  
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Reviewed By :Jagrut Upadhyay 07/03/2024  
 Supervised By :mohammad ahmed 07/04/2024



TIC: BP020764.D\data.ms

(91) Benzo(k)fluoranthene

23.986min (-0.018) 1.20 ng/ul m

response 72825

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00  | 23.69  |
| 125.00 | 9.90   | 14.63# |
| 0.00   | 0.00   | 0.00   |

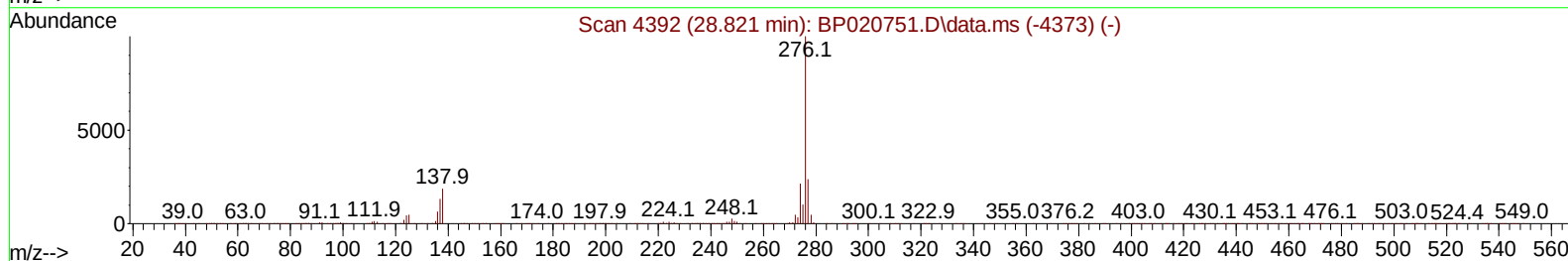
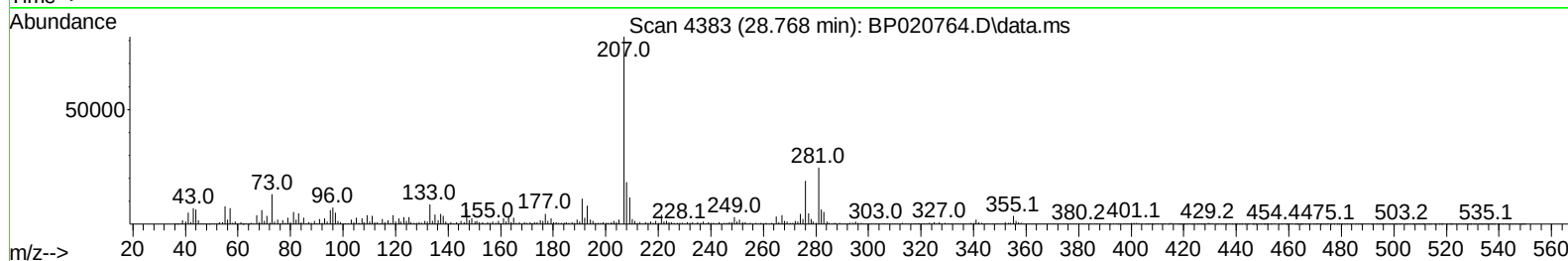
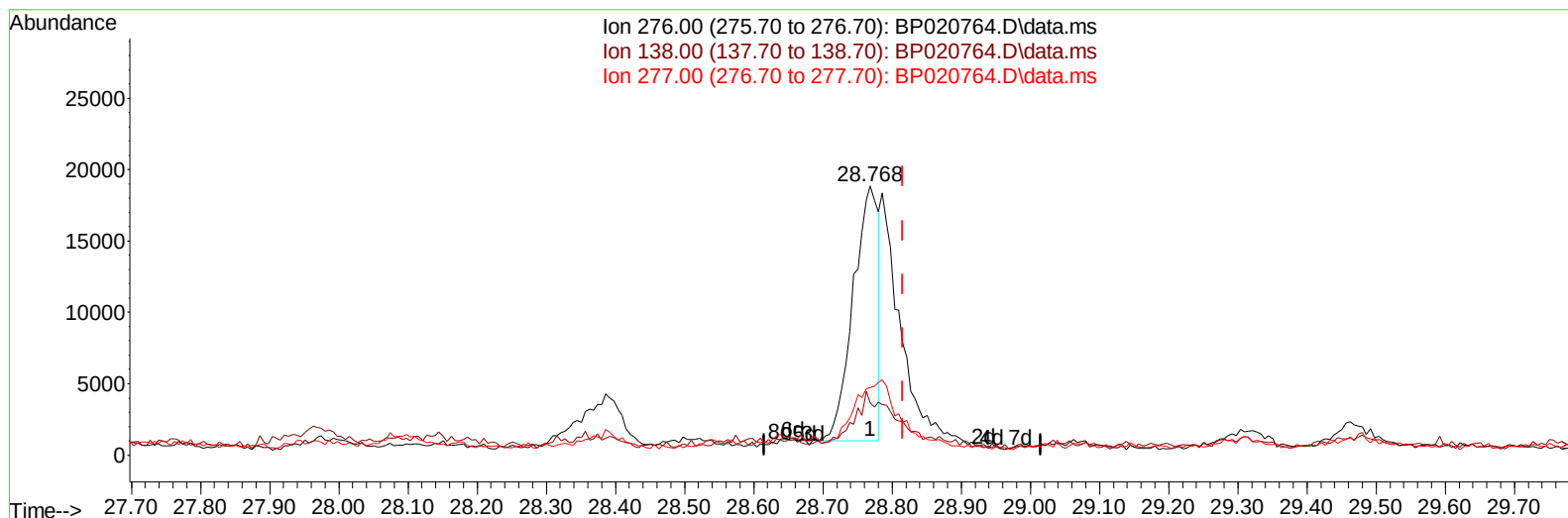
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070124\  
 Data File : BP020764.D  
 Acq On : 03 Jul 2024 00:20  
 Operator : MA/JU  
 Sample : P3065-09  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:08:06 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 25 18:30:06 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024  
 Supervised By :mohammad ahmed 07/04/2024



TIC: BP020764.D\data.ms

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

**28.768min (-0.047) 0.62 ng/u1**

**response 44725**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00  | 19.36  |
| 277.00 | 23.70  | 25.11  |
| 0.00   | 0.00   | 0.00   |

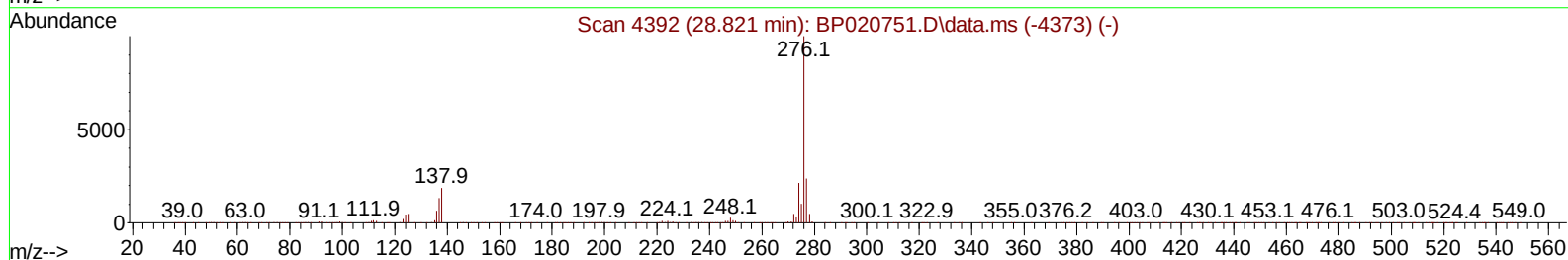
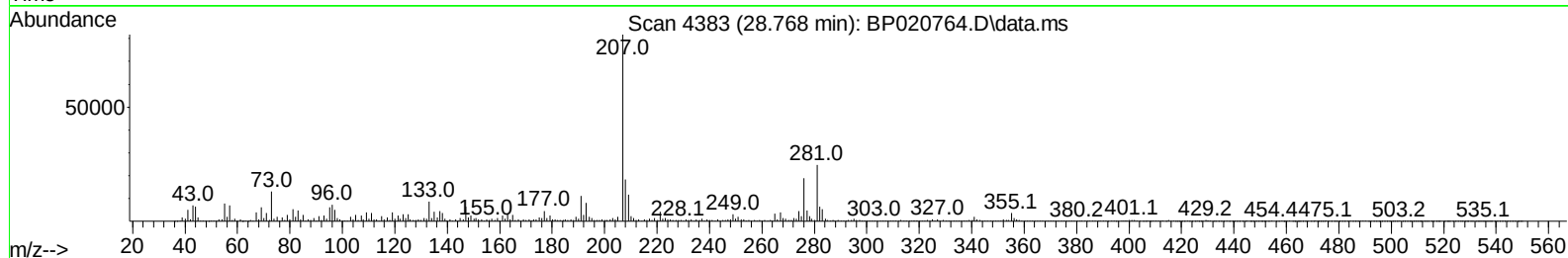
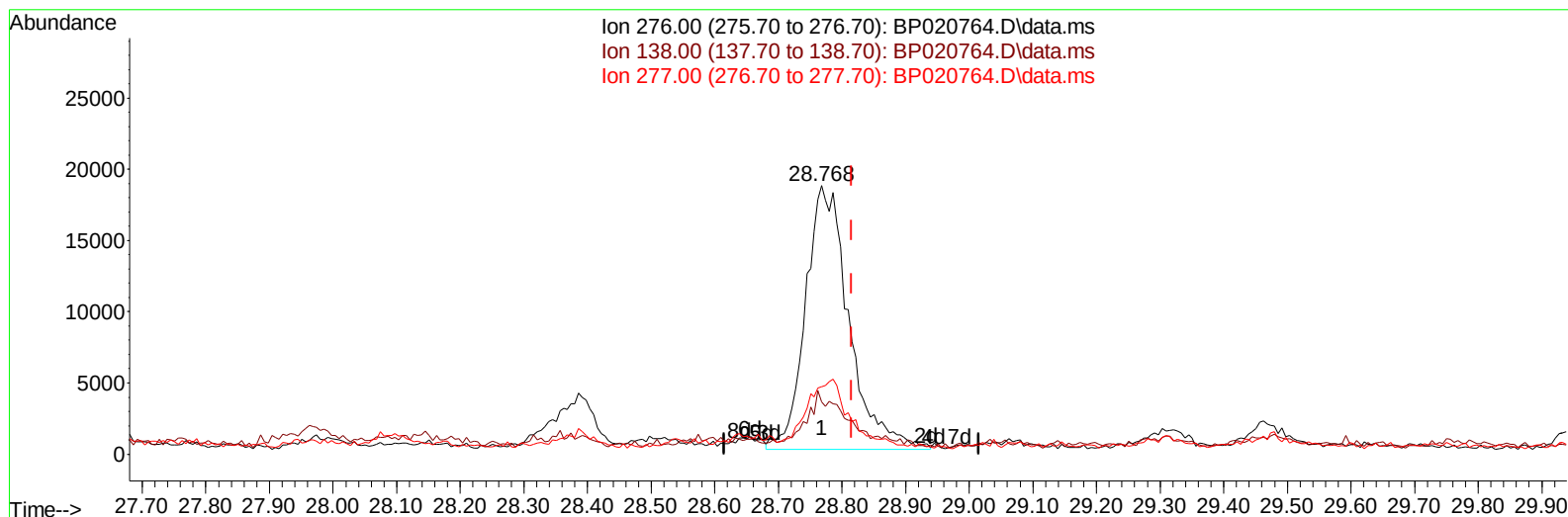
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070124\  
Data File : BP020764.D  
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Operator : MA/JU  
Sample : P3065-09  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:08:06 2024  
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TIC: BP020764.D\data.ms

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

28.768min (-0.047) 1.21 ng/u1 m

response 87828

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00  | 19.36  |
| 277.00 | 23.70  | 25.11  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070124\  
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 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4CD7

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:10:05 2024  
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 Quant Title : SVOA CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.740  | 152  | 221167   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.510 | 136  | 920497   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.369 | 164  | 600129   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.181 | 188  | 1170410  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.633 | 240  | 838323   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.998 | 264  | 990307   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.275  | 96   | 16431    | 3.190  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.705  | 84   | 10971m   | 0.731  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 6.928  | 99   | 414892   | 22.872 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.087  | 67   | 250561   | 21.788 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.281  | 132  | 346362   | 23.363 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.446  | 113  | 349098   | 23.695 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.893  | 128  | 172318   | 25.356 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.605  | 143  | 196365   | 28.873 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.140 | 165  | 353782   | 25.254 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.652 | 131  | 238768   | 12.162 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.775 | 166  | 1080418  | 25.893 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.057 | 160  | 1214604  | 24.395 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.592 | 143  | 135335   | 21.228 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.381 | 176  | 902276   | 25.697 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 200  | 105685   | 17.918 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.281 | 188  | 1327552  | 25.273 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.663 | 212  | 1142176  | 22.679 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.751 | 264  | 783858   | 16.272 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.222 | 178  | 200196   | 3.266  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.316 | 202  | 369048   | 5.999  | ng/ul  | 100      |
| 82) Pyrene                    | 19.698 | 202  | 250633   | 3.972  | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.616 | 228  | 155617   | 2.648  | ng/ul  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.551 | 149  | 96012    | 2.640  | ng/ul# | 99       |
| 87) Chrysene                  | 21.680 | 228  | 176093   | 3.171  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 23.916 | 252  | 254708   | 4.246  | ng/ul  | 95       |
| 91) Benzo(k)fluoranthene      | 23.986 | 252  | 72825m   | 1.200  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 24.821 | 252  | 80781    | 1.426  | ng/ul# | 92       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.768 | 276  | 87828m   | 1.209  | ng/ul  |          |
| -----                         |        |      |          |        |        |          |

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

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ALS Vial : 54 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4CD7

## Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:10:05 2024  
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