

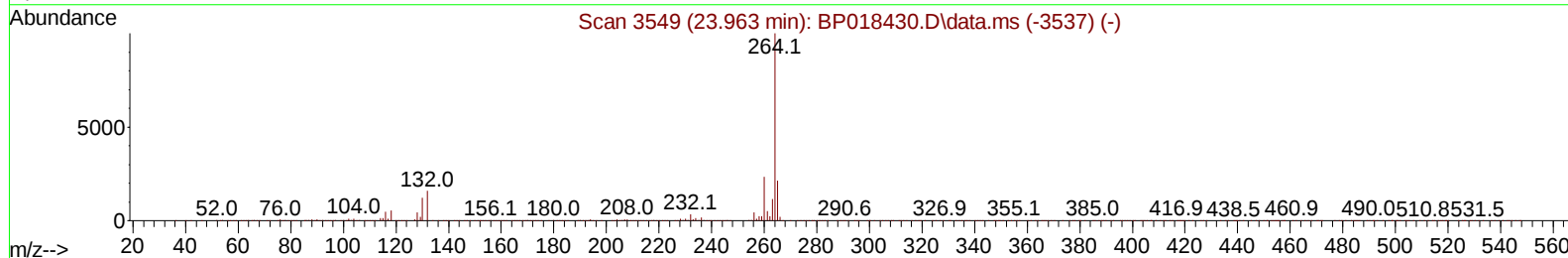
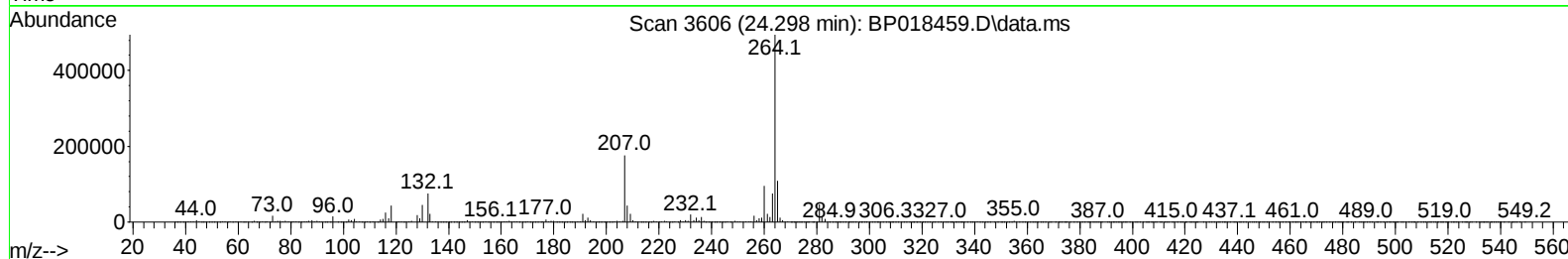
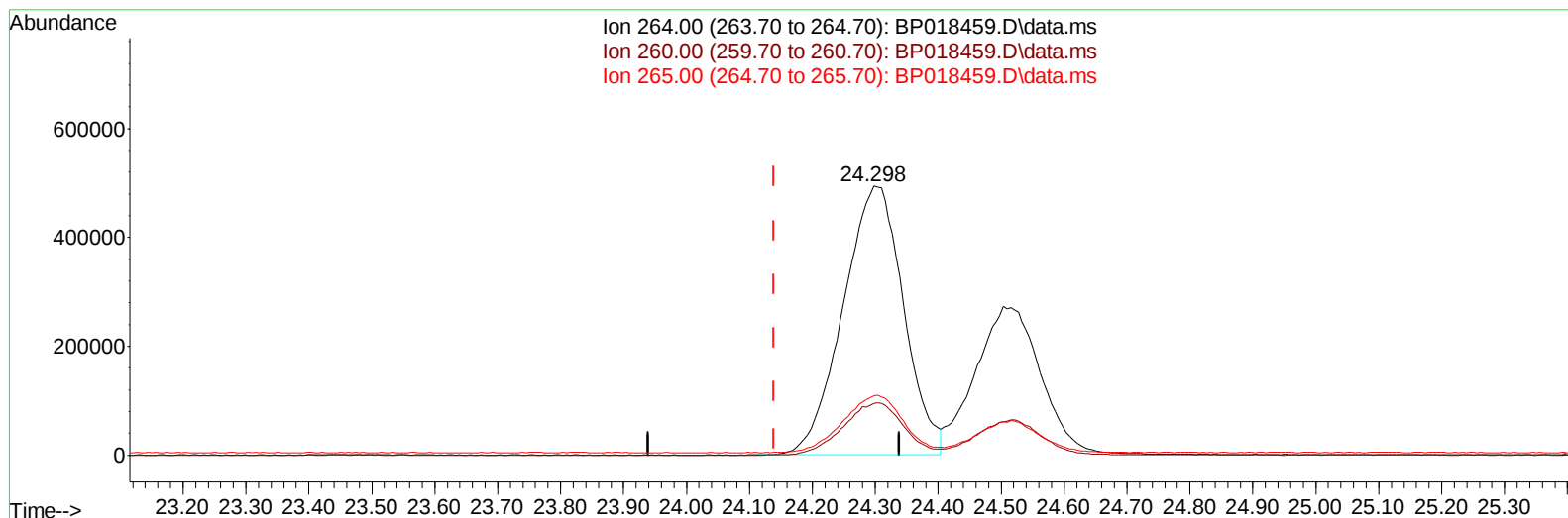
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112723\  
 Data File : BP018459.D  
 Acq On : 29 Nov 2023 02:01  
 Operator : MA/JU  
 Sample : 05328-05  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A49T6

Manual IntegrationsAPPROVED

Quant Time: Nov 29 02:59:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 29 02:35:25 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/29/2023  
 Supervised By :mohammad ahmed 12/01/2023



TIC: BP018459.D\data.ms

**(88) Perylene-d12 (I)**

**24.298min (+ 0.159) 20.00 ng/ul**

**response 3298566**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 23.70  | 19.21  |
| 265.00 | 21.50  | 22.12  |
| 0.00   | 0.00   | 0.00   |

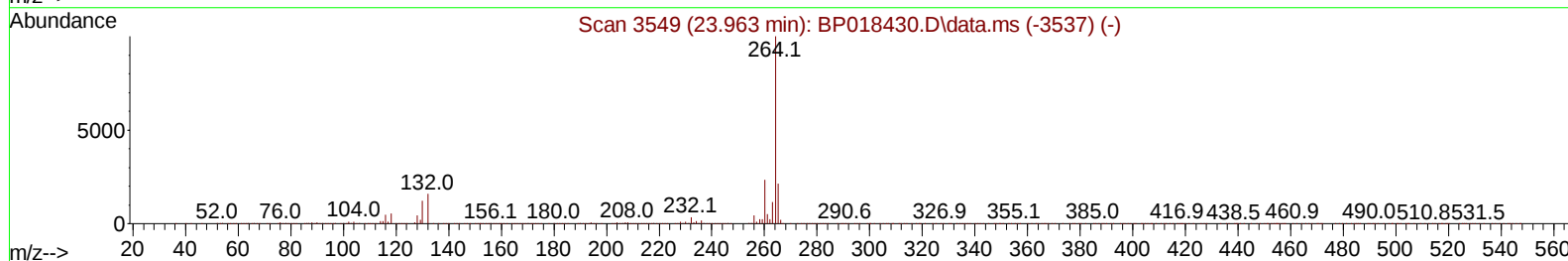
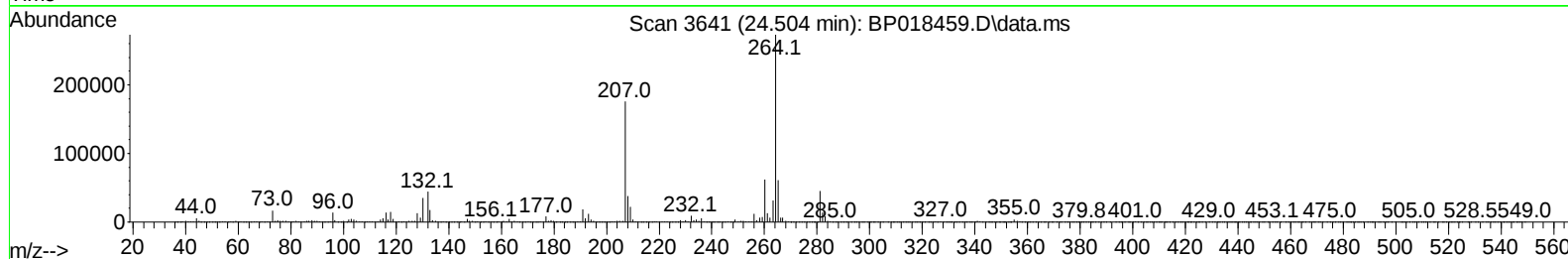
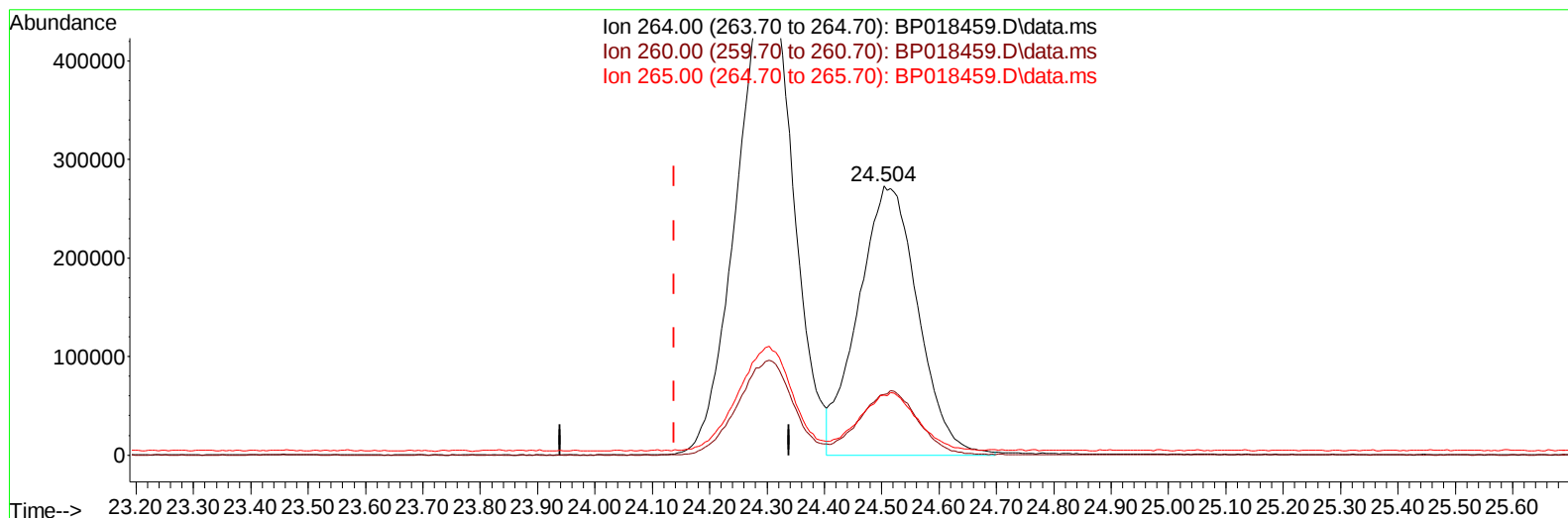
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Manual IntegrationsAPPROVED

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TIC: BP018459.D\data.ms

**(88) Perylene-d12 (I)**

24.504min (+ 0.365) 20.00 ng/ul m

response 1974089

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 23.70  | 22.62  |
| 265.00 | 21.50  | 22.33  |
| 0.00   | 0.00   | 0.00   |

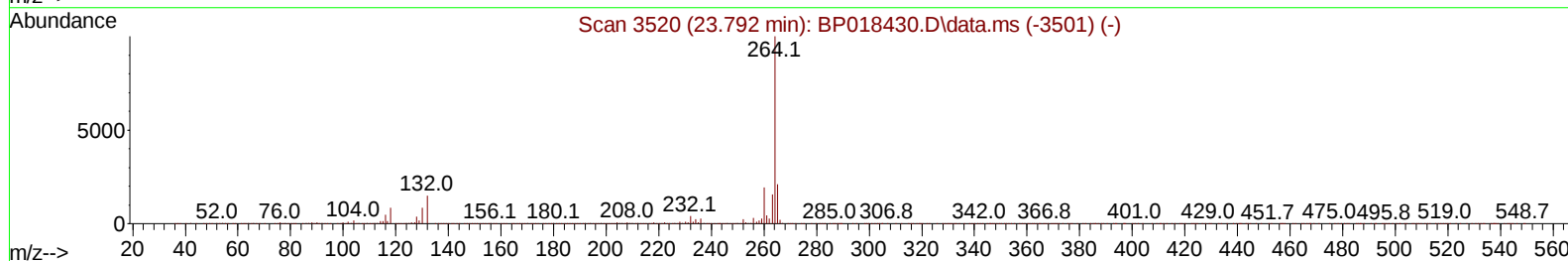
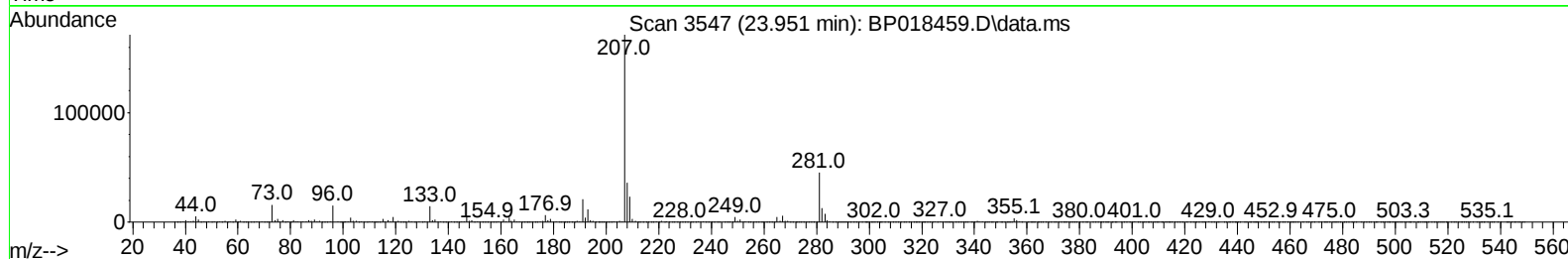
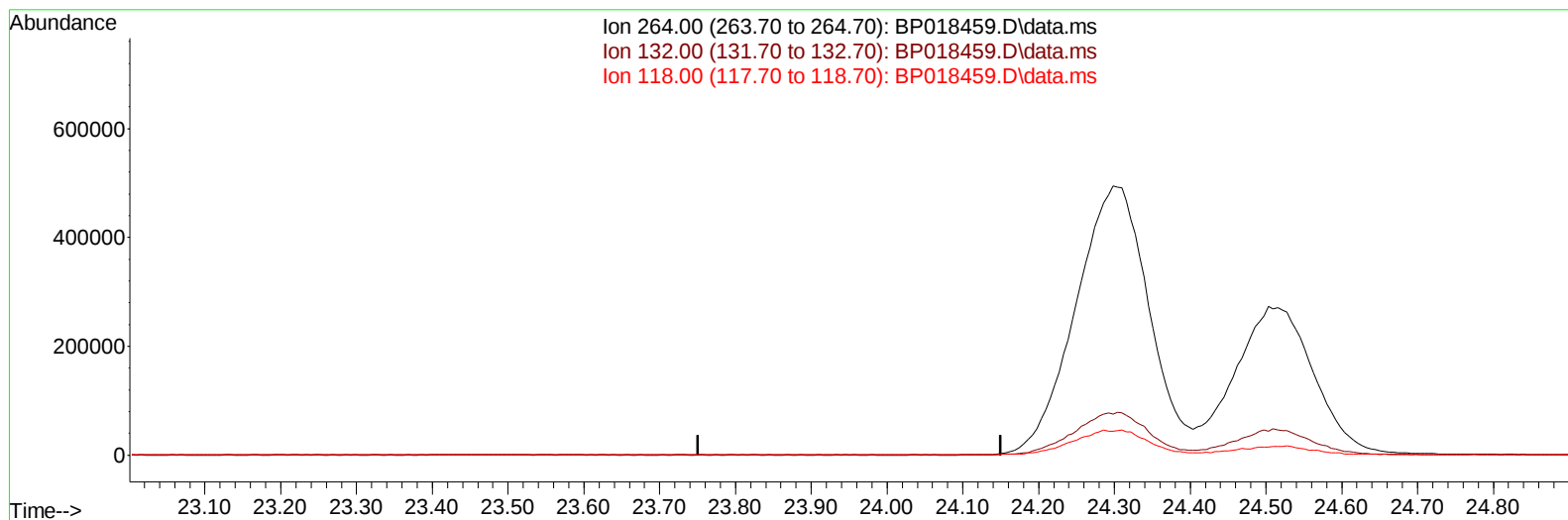
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112723\  
 Data File : BP018459.D  
 Acq On : 29 Nov 2023 02:01  
 Operator : MA/JU  
 Sample : 05328-05  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A49T6

Manual IntegrationsAPPROVED

Quant Time: Nov 29 03:00:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112223.MA.M  
 Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 11/29/2023  
 Supervised By :mohammad ahmed 12/01/2023



TIC: BP018459.D\data.ms

**(92) Benzo(a)pyrene-d12 (S)**

**23.951min (-23.951) 0.00 ng/u1**

**response 0**

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 264.00 | 100.00 | 0.00  |
| 132.00 | 17.00  | 0.00# |
| 118.00 | 10.40  | 0.00# |
| 0.00   | 0.00   | 0.00  |

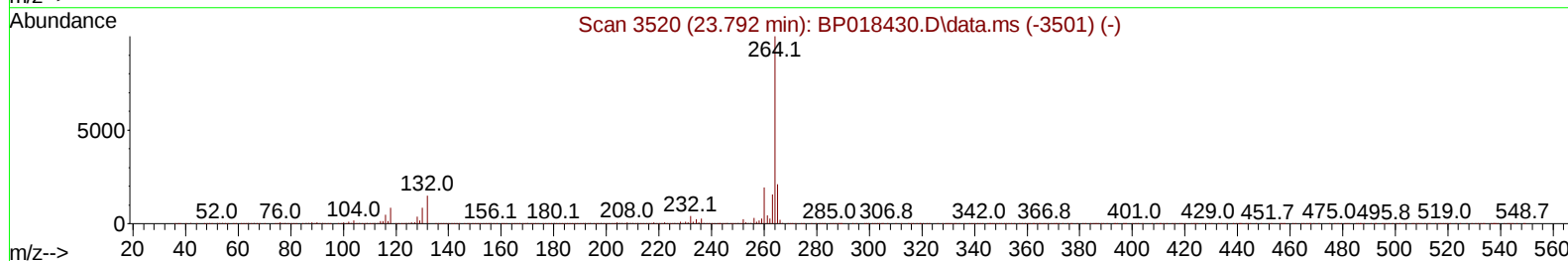
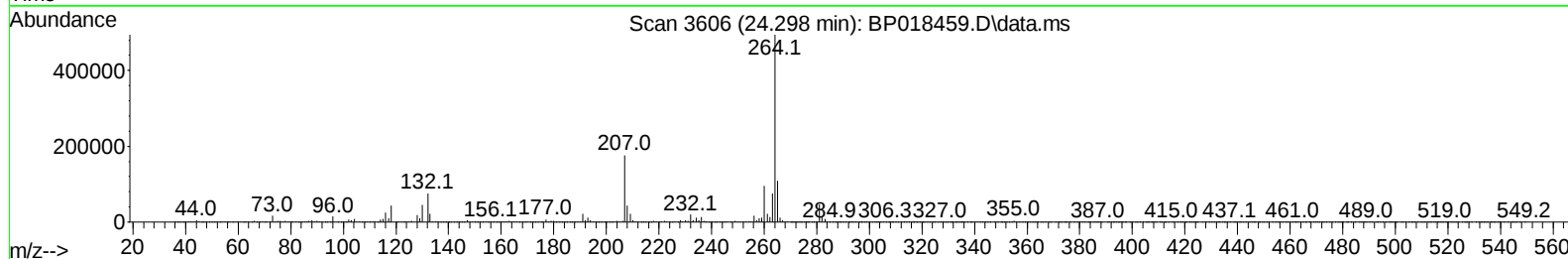
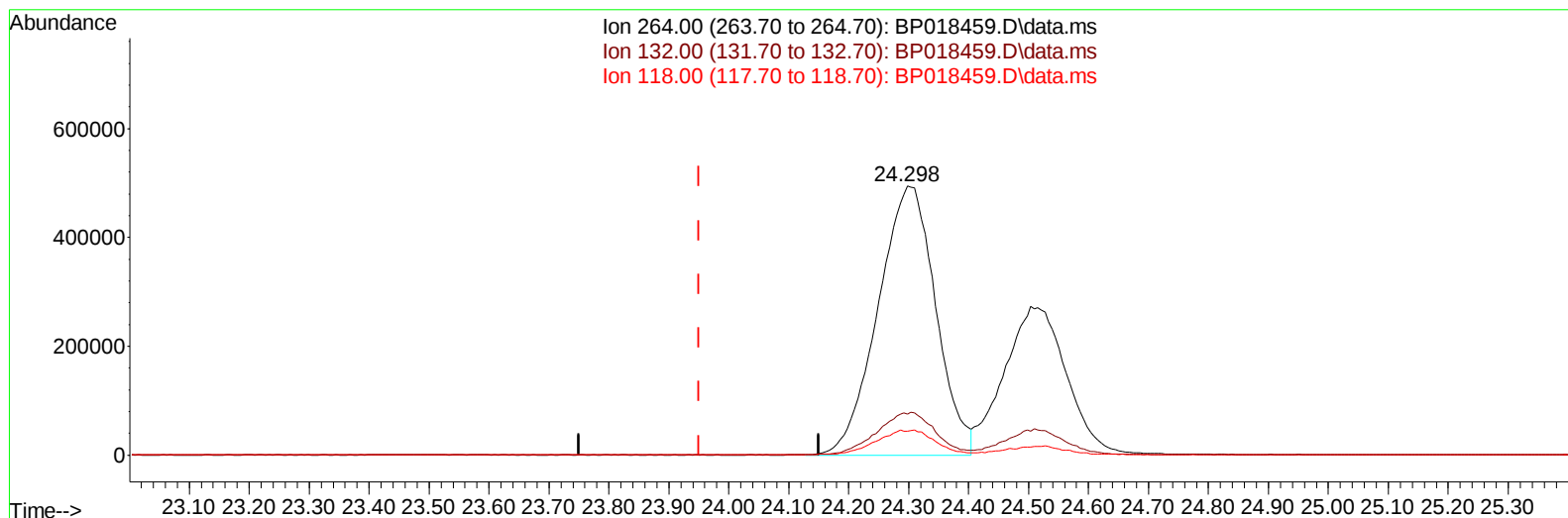
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Sample : 05328-05  
Misc :  
ALS Vial : 68 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A49T6

Manual IntegrationsAPPROVED

Quant Time: Nov 29 03:00:24 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112223.MA.M  
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Reviewed By :Yogesh Patel 11/29/2023  
Supervised By :mohammad ahmed 12/01/2023



TIC: BP018459.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.298min (+ 0.347) 28.85 ng/ul m

response 3302262

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 17.00  | 15.33  |
| 118.00 | 10.40  | 8.87   |
| 0.00   | 0.00   | 0.00   |

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 Data File : BP018459.D  
 Acq On : 29 Nov 2023 02:01  
 Operator : MA/JU  
 Sample : 05328-05  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A49T6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/29/2023  
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 03:00:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 29 02:35:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.852  | 152  | 499211   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.651 | 136  | 2157000  | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.487 | 164  | 1398579  | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.251 | 188  | 2808811  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.516 | 240  | 1915034  | 20.000 | ng/ul | 0.08     |
| 88) Perylene-d12              | 24.504 | 264  | 1974089m | 20.000 | ng/ul | 0.36     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.264  | 96   | 45597    | 3.421  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 235924   | 6.441  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.016  | 99   | 223628   | 4.902  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.187  | 67   | 636971   | 23.348 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.381  | 132  | 711854   | 18.584 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.563  | 113  | 442658   | 12.023 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.016  | 128  | 475797   | 27.157 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.734  | 143  | 458415   | 28.332 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.269 | 165  | 909226   | 23.292 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.793 | 131  | 1011466  | 19.211 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.904 | 166  | 3348558  | 26.908 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.181 | 160  | 3563941  | 25.134 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.687 | 143  | 57077    | 3.322  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.486 | 176  | 2775699  | 26.667 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 200  | 318926   | 26.673 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.351 | 188  | 4146259  | 27.618 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.622 | 212  | 4519113  | 29.650 | ng/ul | 0.02     |
| 92) Benzo(a)pyrene-d12        | 24.298 | 264  | 3302262m | 28.854 | ng/ul | 0.35     |

Target Compounds Qvalue

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

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