

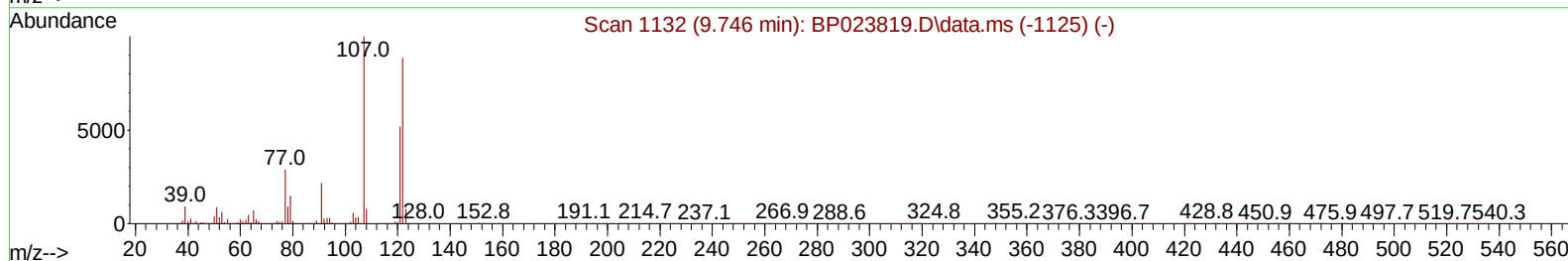
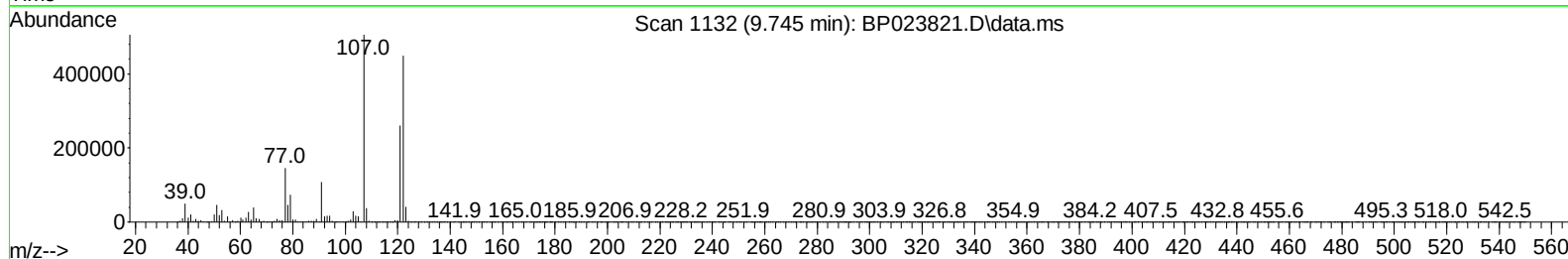
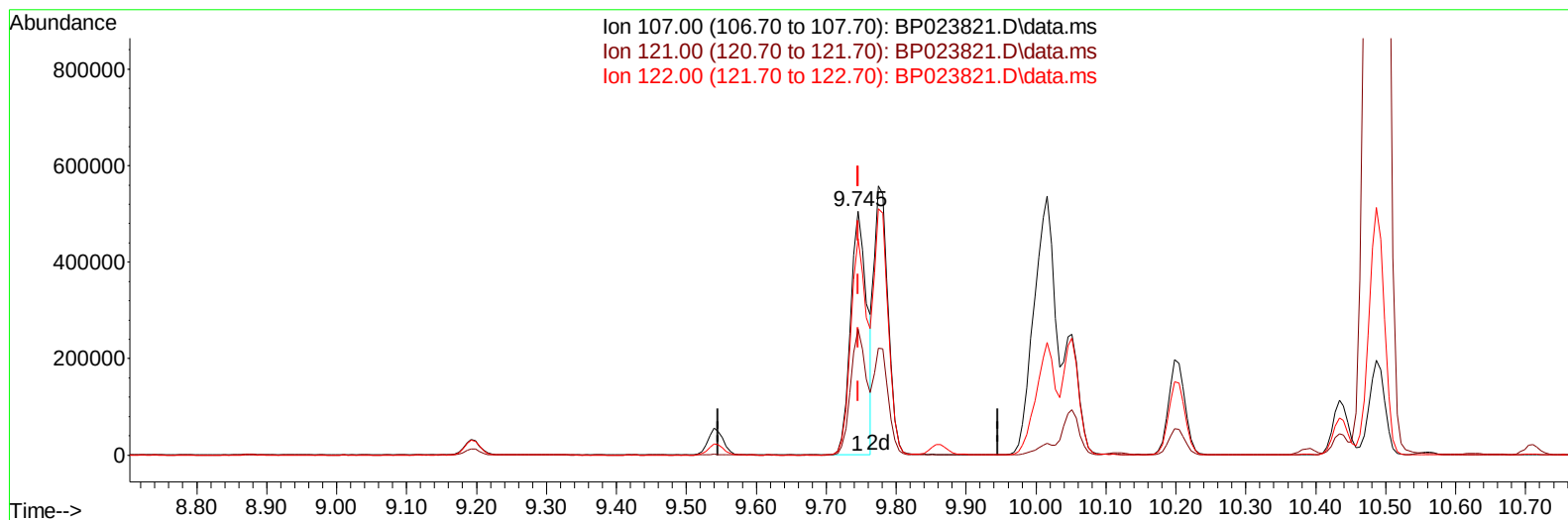
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP013125\  
Data File : BP023821.D  
Acq On : 31 Jan 2025 11:57  
Operator : RC/JU  
Sample : Q1197-01DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS370

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025  
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 12:24:14 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012925.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 31 11:40:55 2025  
Response via : Initial Calibration



TIC: BP023821.D\data.ms

## (26) 2,4-Dimethylphenol

9.745min (-0.000) 22.49 ng/u1

response 829797

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 51.80  | 51.70  |
| 122.00 | 89.40  | 88.71  |
| 0.00   | 0.00   | 0.00   |

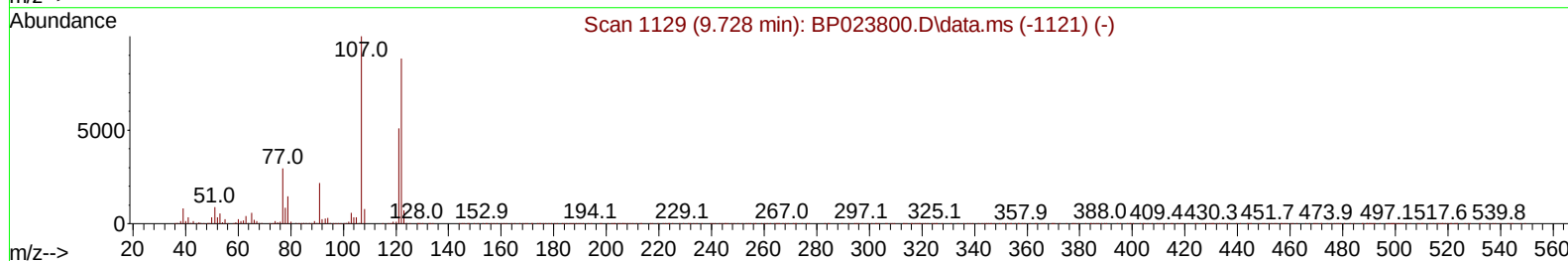
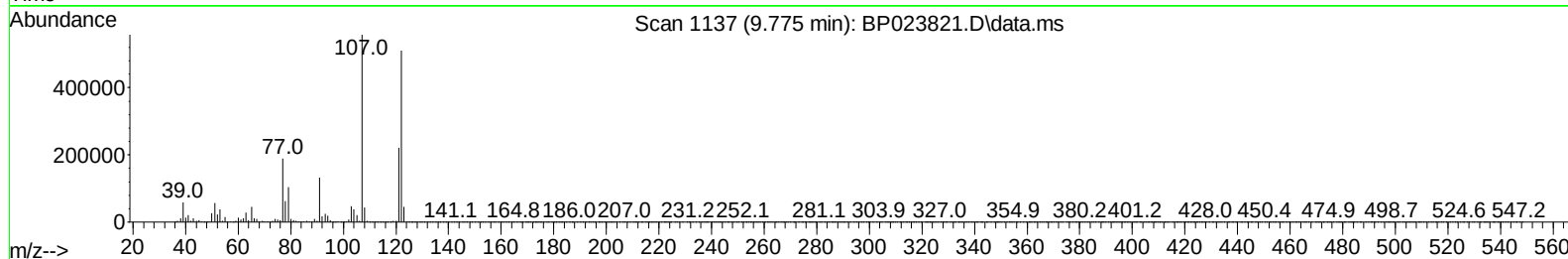
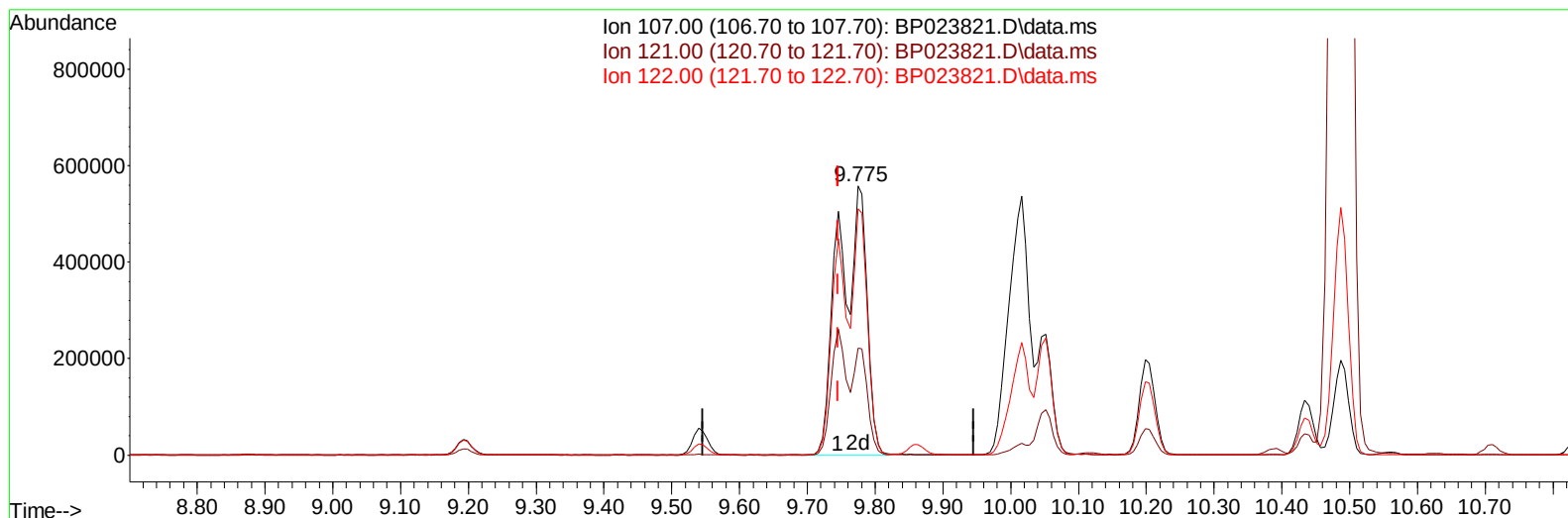
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP013125\  
 Data File : BP023821.D  
 Acq On : 31 Jan 2025 11:57  
 Operator : RC/JU  
 Sample : Q1197-01DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS370

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025  
 Supervised By :mohammad ahmed 02/04/2025

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012925.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 31 11:40:55 2025  
 Response via : Initial Calibration



TIC: BP023821.D\data.ms

## (26) 2,4-Dimethylphenol

9.775min (+ 0.029) 43.27 ng/ul m

response 1596876

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 51.80  | 39.74# |
| 122.00 | 89.40  | 91.49  |
| 0.00   | 0.00   | 0.00   |

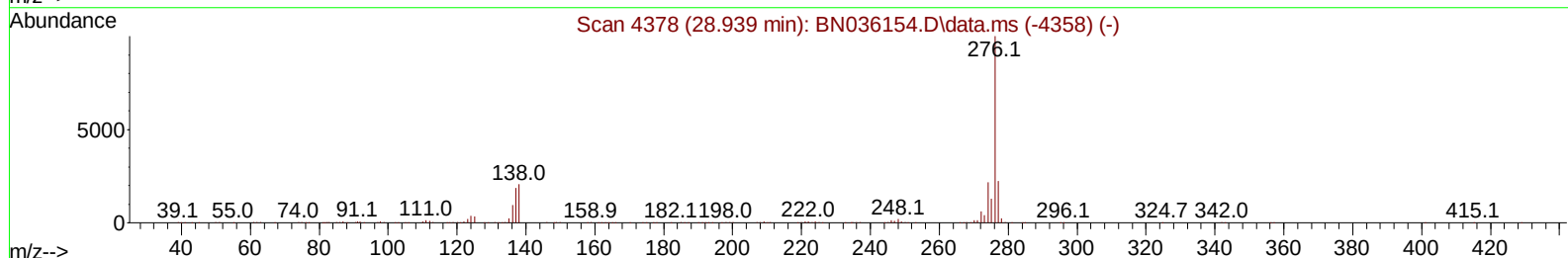
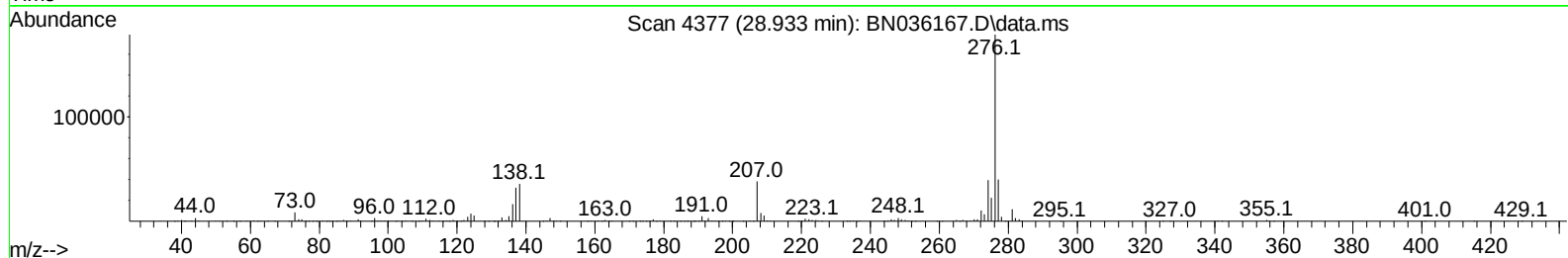
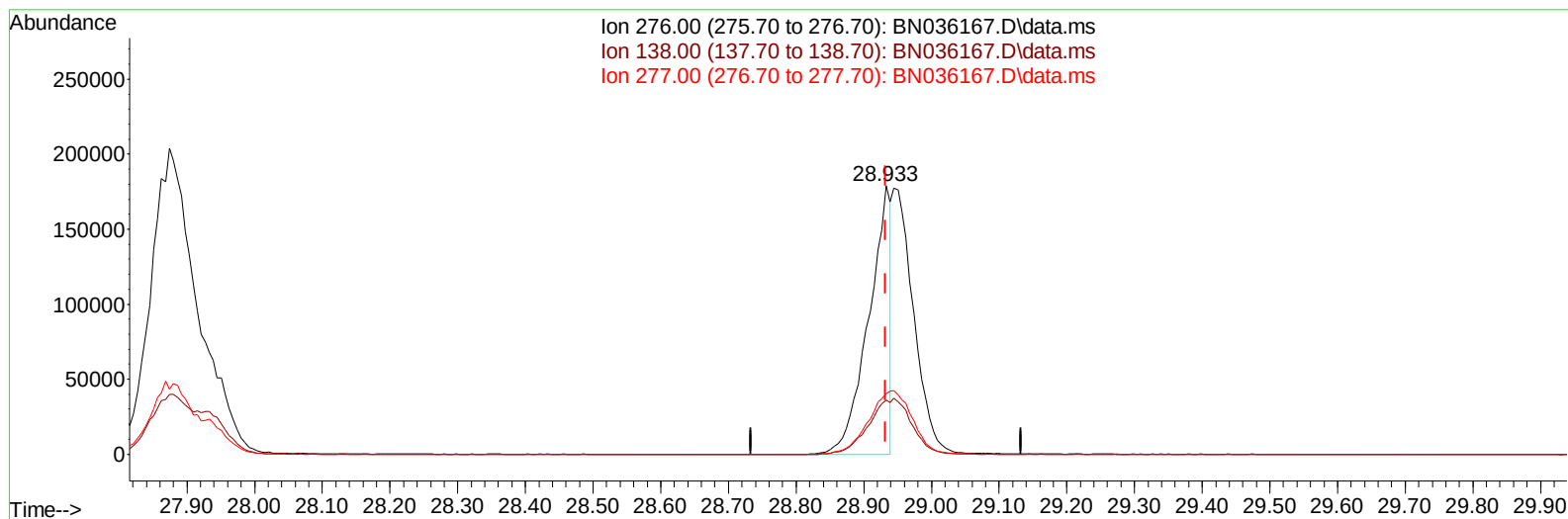
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013025\  
Data File : BN036167.D  
Acq On : 31 Jan 2025 14:00  
Operator : RC/JU  
Sample : PB166370BS  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS370

Manual IntegrationsAPPROVED

Quant Time: Jan 31 14:46:33 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN013025.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 30 17:36:07 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/31/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036167.D\data.ms

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

28.933min (-0.000) 23.20 ng/u1

response 405118

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.00  | 20.09  |
| 277.00 | 22.40  | 22.54  |
| 0.00   | 0.00   | 0.00   |

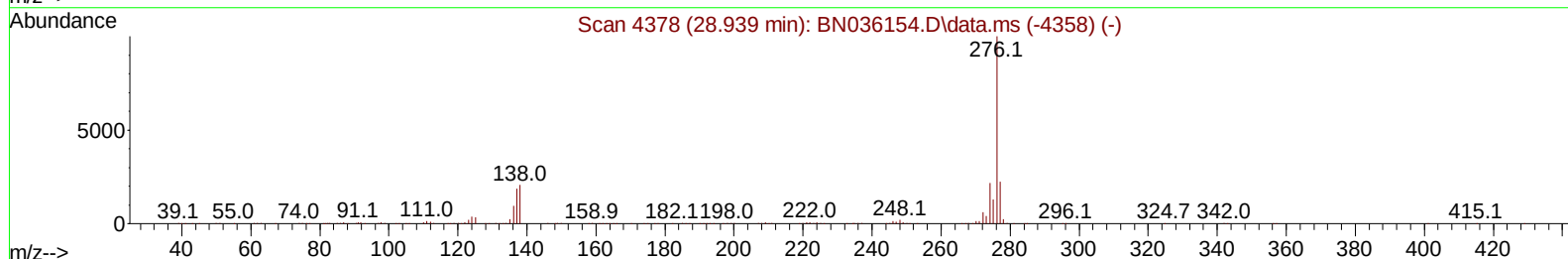
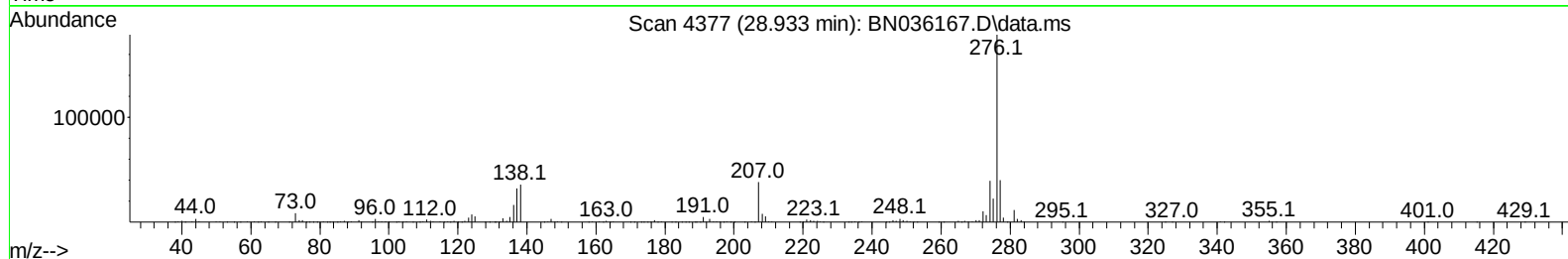
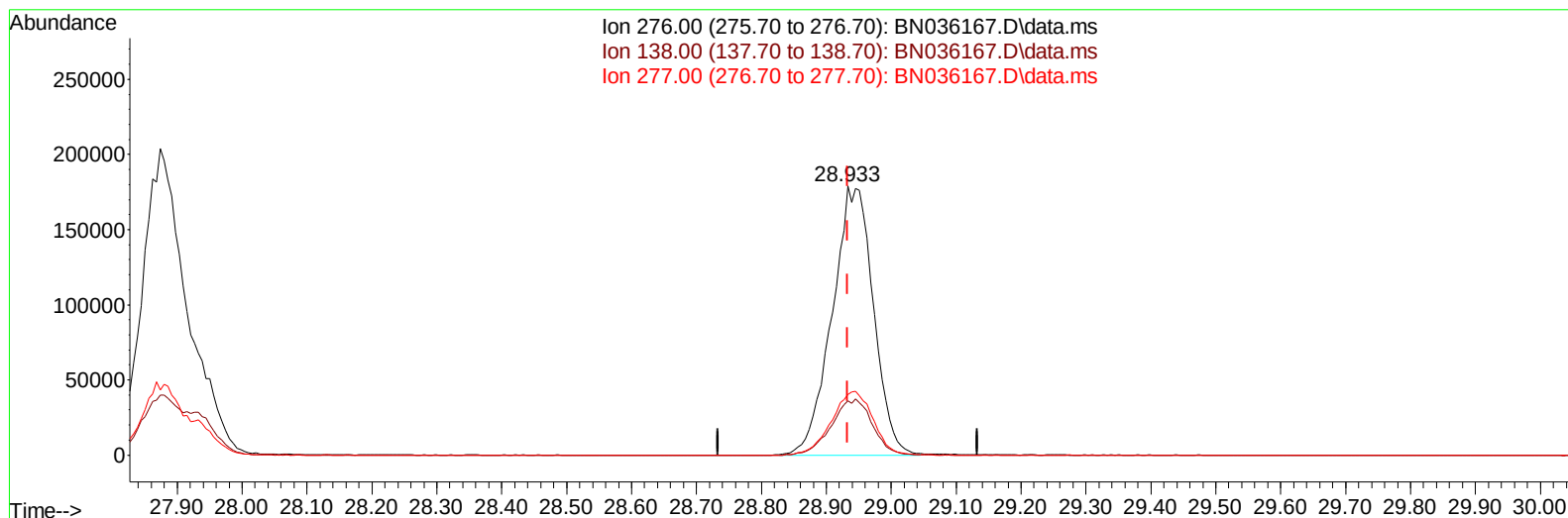
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013025\  
Data File : BN036167.D  
Acq On : 31 Jan 2025 14:00  
Operator : RC/JU  
Sample : PB166370BS  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS370

Manual IntegrationsAPPROVED

Quant Time: Jan 31 14:46:33 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN013025.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 30 17:36:07 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/31/2025  
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036167.D\data.ms

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

28.933min (-0.000) 45.18 ng/ul m

response 788995

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.00  | 20.09  |
| 277.00 | 22.40  | 22.54  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013025\  
 Data File : BN036167.D  
 Acq On : 31 Jan 2025 14:00  
 Operator : RC/JU  
 Sample : PB166370BS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS370

Manual IntegrationsAPPROVED

Quant Time: Jan 31 14:49:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN013025.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 30 17:36:07 2025  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/31/2025  
 Supervised By :mohammad ahmed 02/04/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 100993   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.587 | 136  | 366809   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.434 | 164  | 215589   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.181 | 188  | 405549   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.427 | 240  | 353279   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.451 | 264  | 364895   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 15906    | 6.417  | ng/uL  | 0.01     |
| 4) Pyridine-d5                | 3.687  | 84   | 237795   | 33.685 | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.987  | 99   | 268377   | 32.068 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 177499   | 33.051 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.340  | 132  | 219314   | 33.472 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.516  | 113  | 208581   | 31.024 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 101715   | 34.540 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 115960   | 34.705 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.222 | 165  | 202980   | 33.645 | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.722 | 131  | 241801   | 30.508 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 547295   | 33.662 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.128 | 160  | 632878   | 34.960 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.669 | 143  | 93491    | 33.320 | ng/ul  | -0.02    |
| 60) Fluorene-d10              | 15.428 | 176  | 453158   | 33.298 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200  | 91947    | 34.256 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.281 | 188  | 681449   | 34.591 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.575 | 212  | 735803   | 34.972 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.251 | 264  | 683317   | 35.613 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.305  | 88   | 33457    | 12.638 | ng/uL  | 98       |
| 5) Pyridine                   | 3.705  | 79   | 238557   | 33.272 | ng/ul  | 98       |
| 6) Benzaldehyde               | 6.934  | 77   | 56506    | 11.308 | ng/ul  | 96       |
| 8) Phenol                     | 7.010  | 94   | 271619   | 31.437 | ng/ul  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.216  | 93   | 222477   | 32.766 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.369  | 128  | 222797   | 33.359 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.252  | 108  | 198797   | 31.160 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.316  | 45   | 341918   | 32.991 | ng/ul  | 98       |
| 16) Acetophenone              | 8.616  | 105  | 324504   | 29.603 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.605  | 70   | 171519   | 29.718 | ng/ul  | 98       |
| 18) 4-Methylphenol            | 8.581  | 108  | 210082   | 30.180 | ng/ul  | 98       |
| 19) Hexachloroethane          | 8.875  | 117  | 105523   | 34.200 | ng/ul  | 95       |
| 22) Nitrobenzene              | 8.987  | 77   | 278005   | 34.253 | ng/ul  | 96       |
| 23) Isophorone                | 9.522  | 82   | 461836   | 32.106 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.704  | 139  | 119722   | 33.487 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 9.775  | 107  | 233056   | 31.996 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.999  | 93   | 277434   | 32.859 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.251 | 162  | 199853   | 32.881 | ng/ul  | 98       |
| 30) Naphthalene               | 10.634 | 128  | 664448   | 33.669 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.746 | 127  | 137929   | 18.029 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 10.928 | 225  | 153571   | 34.615 | ng/ul  | 98       |
| 34) Caprolactam               | 11.528 | 113  | 54042    | 27.473 | ng/ul  | 93       |
| 35) 4-Chloro-3-methylphenol   | 11.893 | 107  | 212171   | 30.386 | ng/ul  | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013025\  
 Data File : BN036167.D  
 Acq On : 31 Jan 2025 14:00  
 Operator : RC/JU  
 Sample : PB166370BS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS370

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025  
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 14:49:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN013025.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 30 17:36:07 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.251 | 142  | 444878   | 32.160 | ng/ul  | 95       |
| 37) 1-Methylnaphthalene       | 12.469 | 142  | 438971   | 32.302 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 253145   | 36.748 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.604 | 237  | 142113   | 36.960 | ng/ul  | 90       |
| 41) 2,4,6-Trichlorophenol     | 12.869 | 196  | 153183   | 34.487 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 12.951 | 196  | 167415   | 34.829 | ng/ul  | 95       |
| 43) 1,1'-Biphenyl             | 13.263 | 154  | 566477   | 35.399 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.304 | 162  | 442919   | 35.204 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.510 | 65   | 147431   | 34.368 | ng/ul  | 98       |
| 47) Dimethylphthalate         | 13.892 | 163  | 530430   | 32.578 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.010 | 165  | 108534   | 33.800 | ng/ul  | 98       |
| 50) Acenaphthylene            | 14.157 | 152  | 651458   | 34.197 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.339 | 138  | 96203    | 29.900 | ng/ul  | 98       |
| 52) Acenaphthene              | 14.498 | 153  | 467898   | 34.119 | ng/ul  | 95       |
| 53) 2,4-Dinitrophenol         | 14.539 | 184  | 66884    | 33.150 | ng/ul  | 87       |
| 55) 4-Nitrophenol             | 14.681 | 109  | 95338    | 31.868 | ng/ul  | 92       |
| 56) Dibenzofuran              | 14.834 | 168  | 644146   | 33.929 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.792 | 165  | 156550   | 32.582 | ng/ul# | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 129953   | 32.387 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.263 | 149  | 547380   | 32.591 | ng/ul  | 98       |
| 61) Fluorene                  | 15.486 | 166  | 517583   | 33.619 | ng/ul  | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.481 | 204  | 261707   | 32.877 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.498 | 138  | 109552   | 34.802 | ng/ul  | 95       |
| 66) 4,6-Dinitro-2-methylph... | 15.557 | 198  | 98890    | 34.695 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.692 | 169  | 429434   | 34.888 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.375 | 248  | 151191   | 34.796 | ng/ul  | 92       |
| 69) Hexachlorobenzene         | 16.486 | 284  | 166432   | 35.111 | ng/ul  | 99       |
| 70) Atrazine                  | 16.645 | 200  | 156324   | 32.222 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.833 | 266  | 108055   | 33.395 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.222 | 178  | 774856   | 34.078 | ng/ul  | 99       |
| 74) Anthracene                | 17.310 | 178  | 777146   | 33.965 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.234 | 216  | 237678   | 37.658 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.757 | 250  | 220576   | 35.771 | ng/uL  | 94       |
| 77) Carbazole                 | 17.586 | 167  | 675950   | 33.677 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.151 | 149  | 909815   | 34.030 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.239 | 202  | 858960   | 34.949 | ng/ul  | 99       |
| 82) Pyrene                    | 19.604 | 202  | 904922   | 34.731 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.510 | 149  | 379847   | 33.903 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.333 | 252  | 245706   | 39.382 | ng/ul  | 94       |
| 85) Benzo(a)anthracene        | 21.410 | 228  | 832798   | 34.287 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 558416   | 34.691 | ng/ul  | 100      |
| 87) Chrysene                  | 21.474 | 228  | 787104   | 34.179 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.486 | 149  | 914148   | 30.486 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.498 | 252  | 782894   | 32.448 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.563 | 252  | 808318   | 33.646 | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 24.315 | 252  | 757961   | 35.943 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.874 | 276  | 982995   | 42.842 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 27.939 | 278  | 787438   | 43.030 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 28.933 | 276  | 788995m  | 45.181 | ng/ul  |          |

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

**Instrument :**

BNA\_N

**ClientSampleId :**

SLCS370

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/31/2025  
Supervised By :mohammad ahmed 02/04/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013025\  
 Data File : BN036167.D  
 Acq On : 31 Jan 2025 14:00  
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 Sample : PB166370BS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS370

Manual IntegrationsAPPROVED

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