Quantitation Report (Qedit)

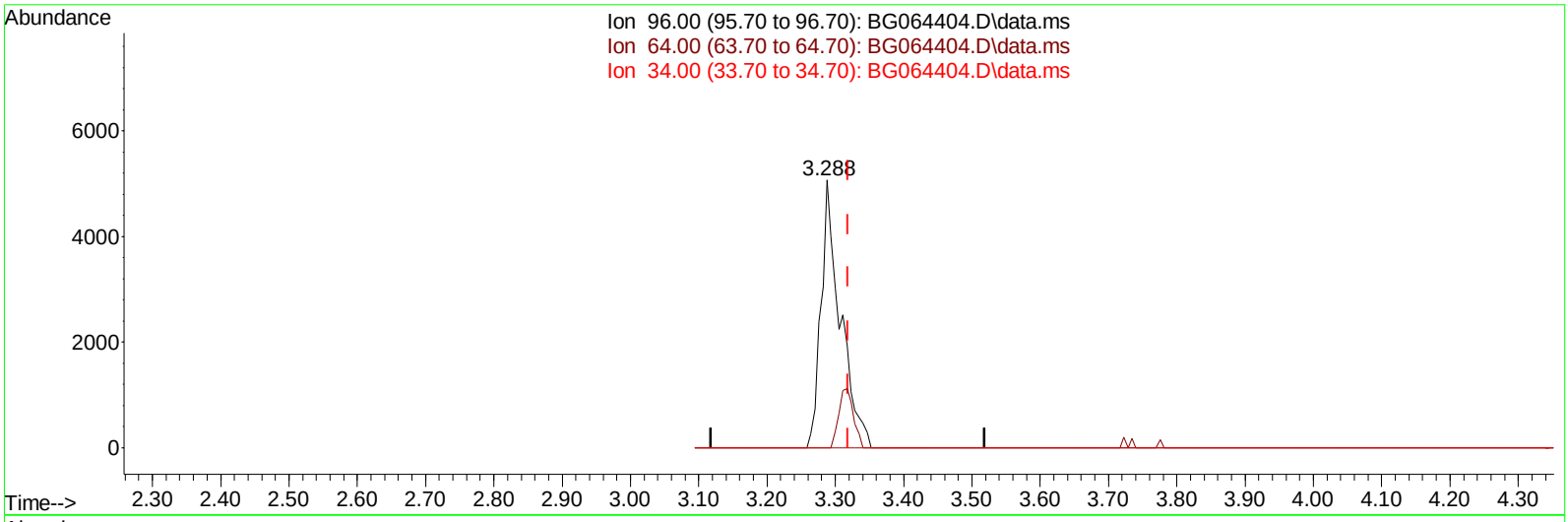
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064404.D
Acq On : 17 Sep 2025 4:20
Operator : RC/JU
Sample : Q3084-20MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

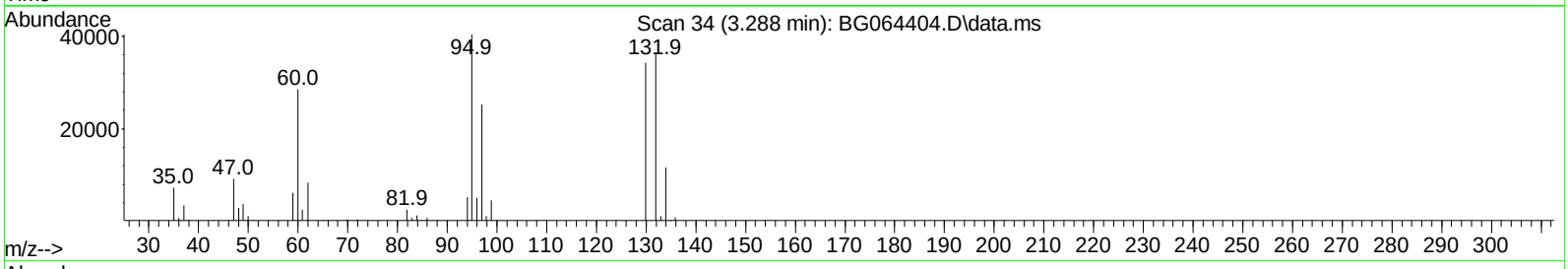
Quant Time: Sep 17 05:30:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

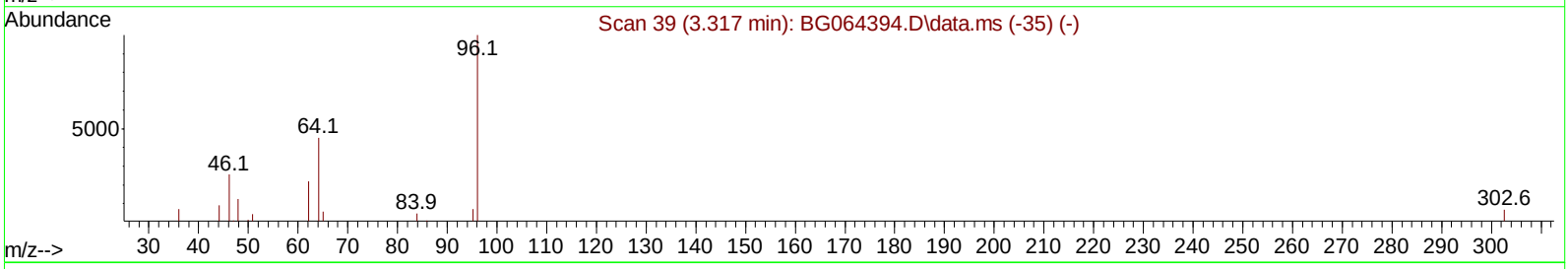
**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025




TIC: BG064404.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.288min (-0.031) 29.53 ng/uL**

**response 9964**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 70.50 | 0.00# |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Data File : BG064404.D
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

**Manual IntegrationsAPPROVED**

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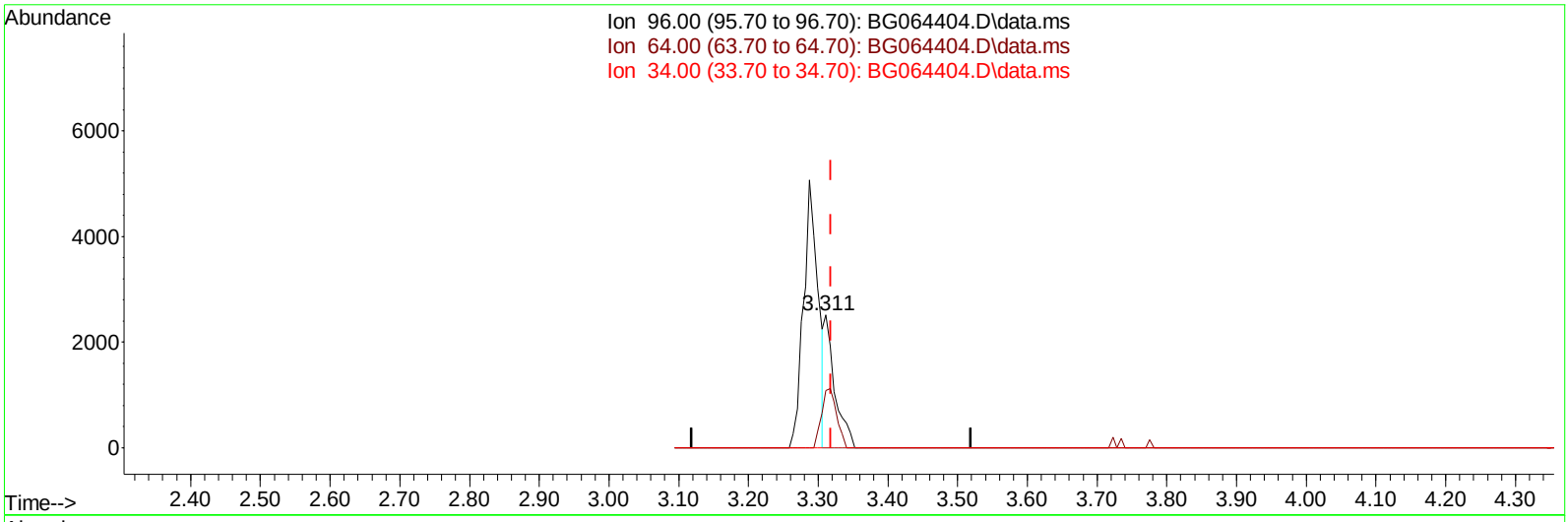


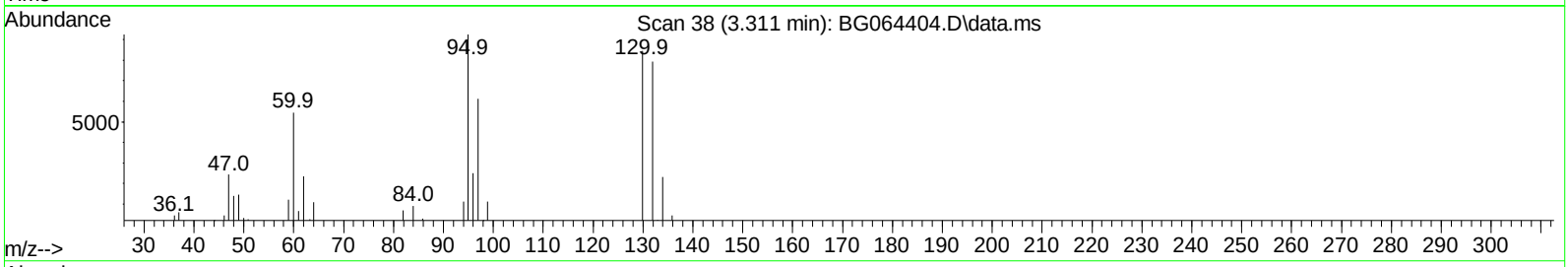


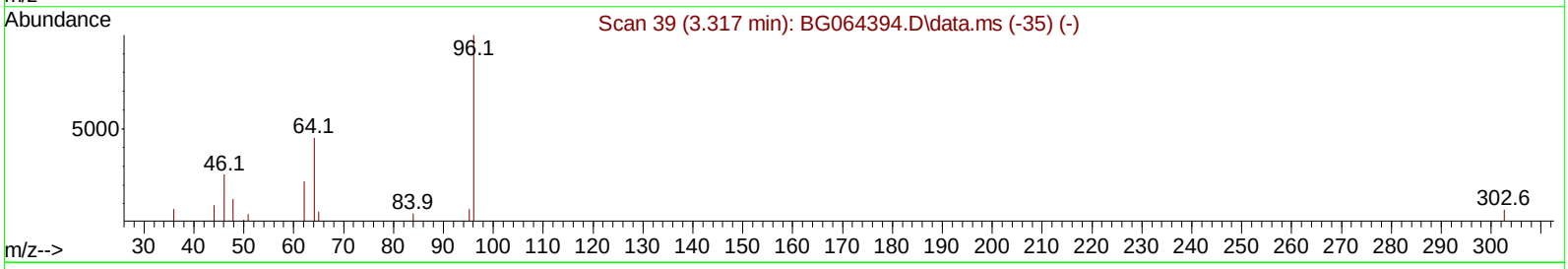


TIC: BG064404.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.311min (-0.008) 7.83 ng/uL m**

**response 2643**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 70.50 | 43.01# |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064404.D
Acq On : 17 Sep 2025 4:20
Operator : RC/JU
Sample : Q3084-20MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 17 05:24:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

**Manual IntegrationsAPPROVED**

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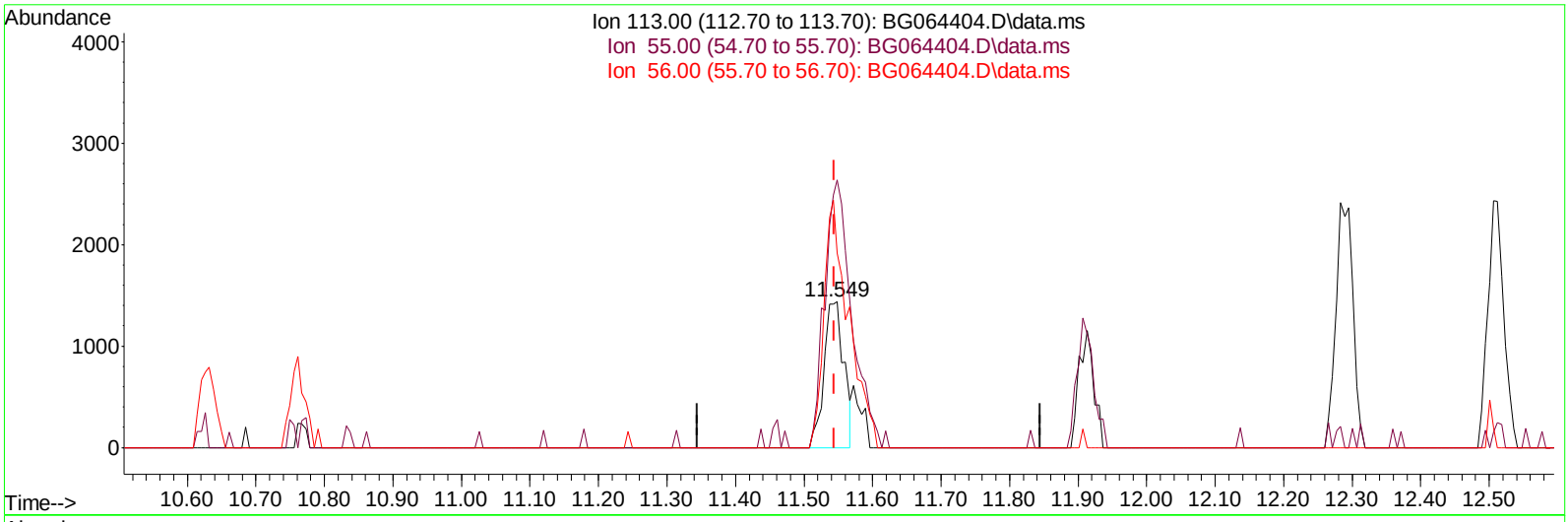


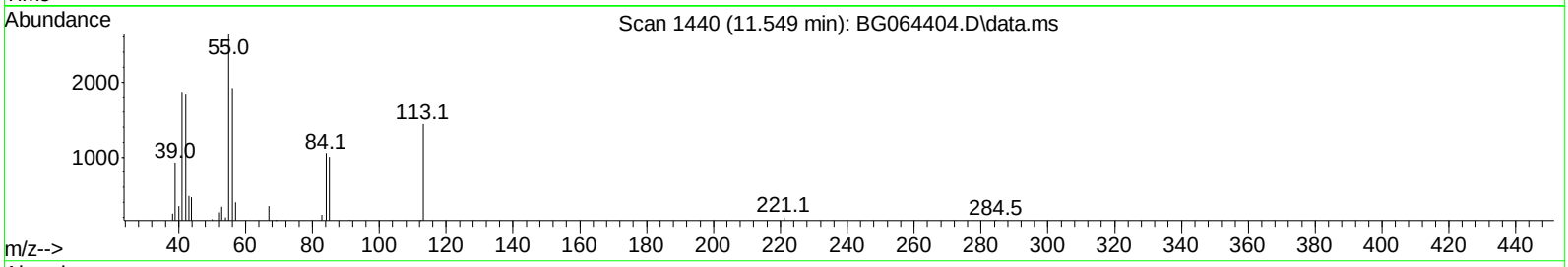


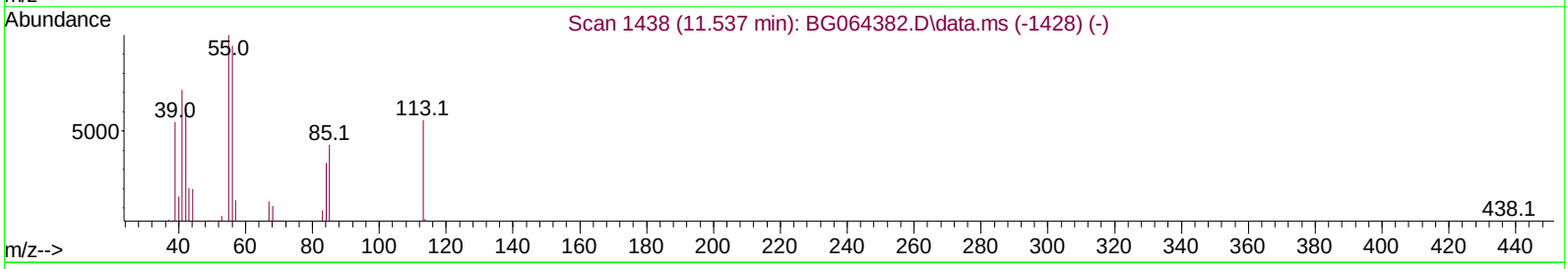


TIC: BG064404.D\data.ms

**(34) Caprolactam**

**11.549min (+ 0.004) 5.52 ng/ul**

**response 2881**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 179.40 | 182.93 |
| 56.00 | 138.90 | 133.24 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064404.D
Acq On : 17 Sep 2025 4:20
Operator : RC/JU
Sample : Q3084-20MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 17 05:24:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/17/2025
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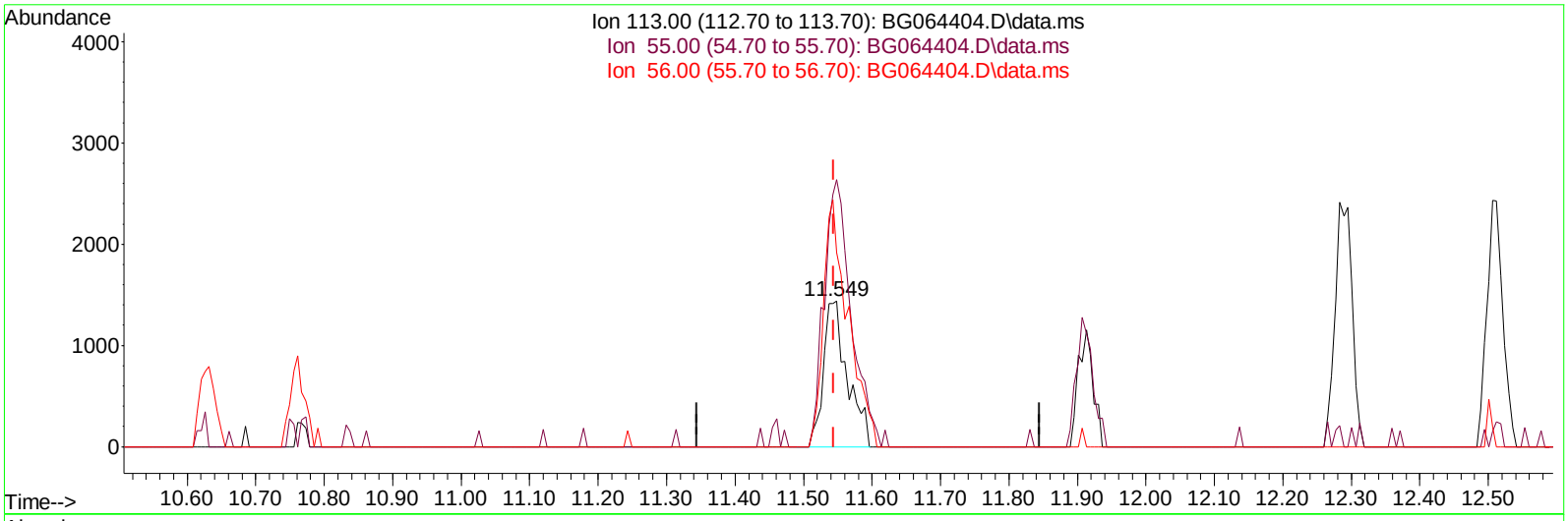


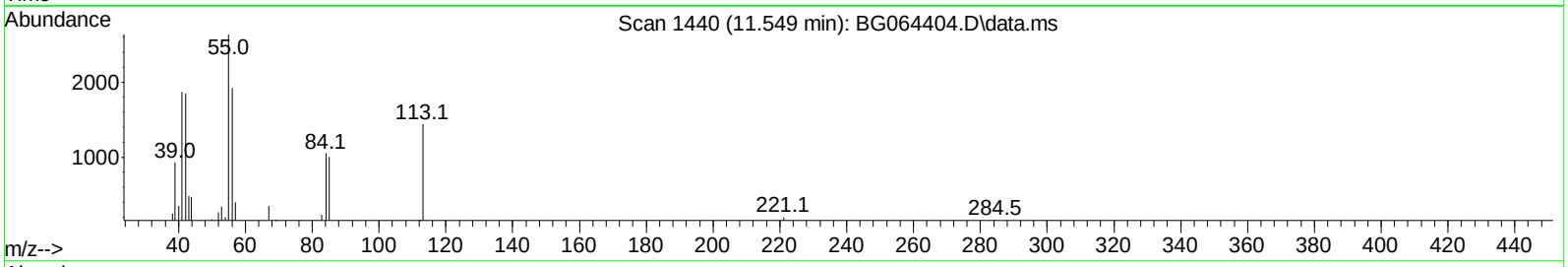


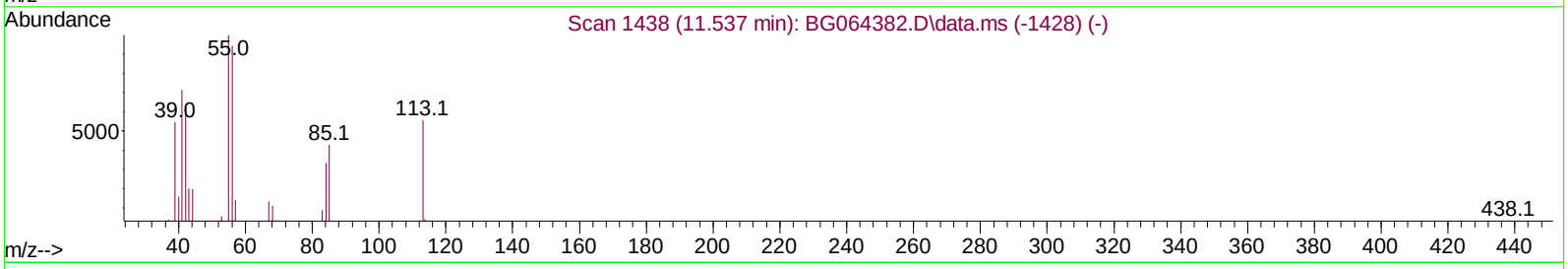


TIC: BG064404.D\data.ms

**(34) Caprolactam**

**11.549min (+ 0.004) 6.70 ng/ul m**

**response 3496**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 179.40 | 182.93 |
| 56.00 | 138.90 | 133.24 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064404.D
Acq On : 17 Sep 2025 4:20
Operator : RC/JU
Sample : Q3084-20MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 17 05:24:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/17/2025
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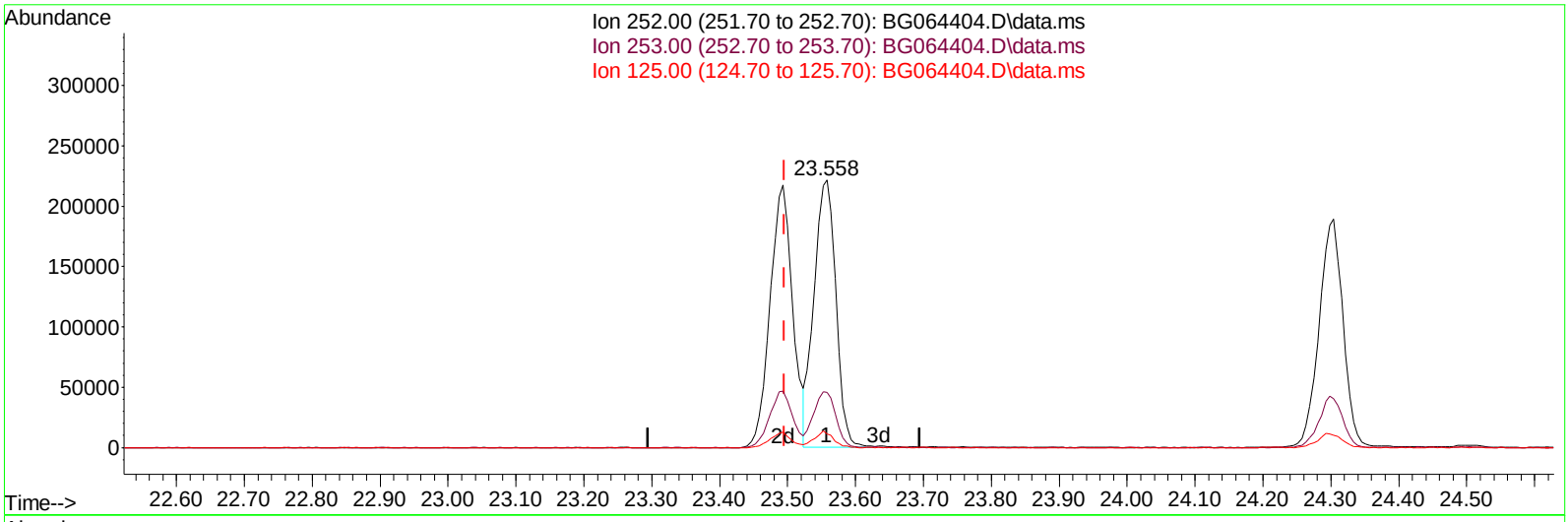
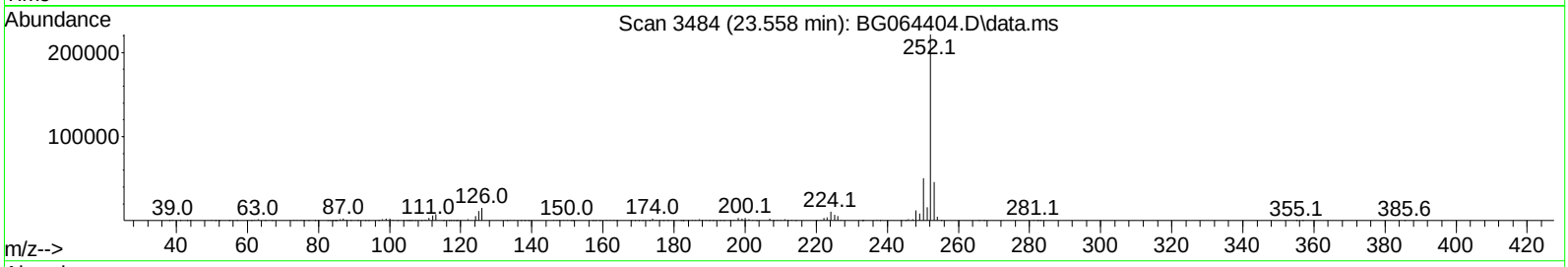
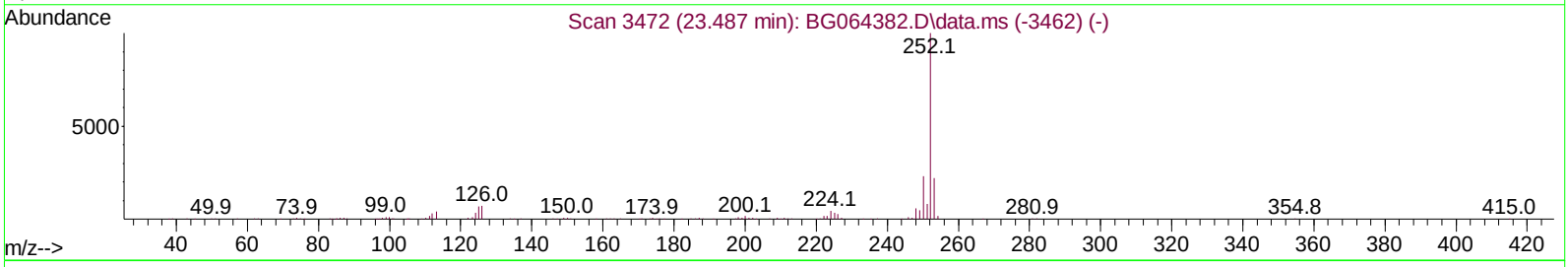



TIC: BG064404.D\data.ms

**(90) Benzo(b)fluoranthene**

**23.558min (+ 0.063) 47.33 ng/ul**

**response 494670**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 20.90 | 20.74 |
| 125.00 | 4.60 | 5.18 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

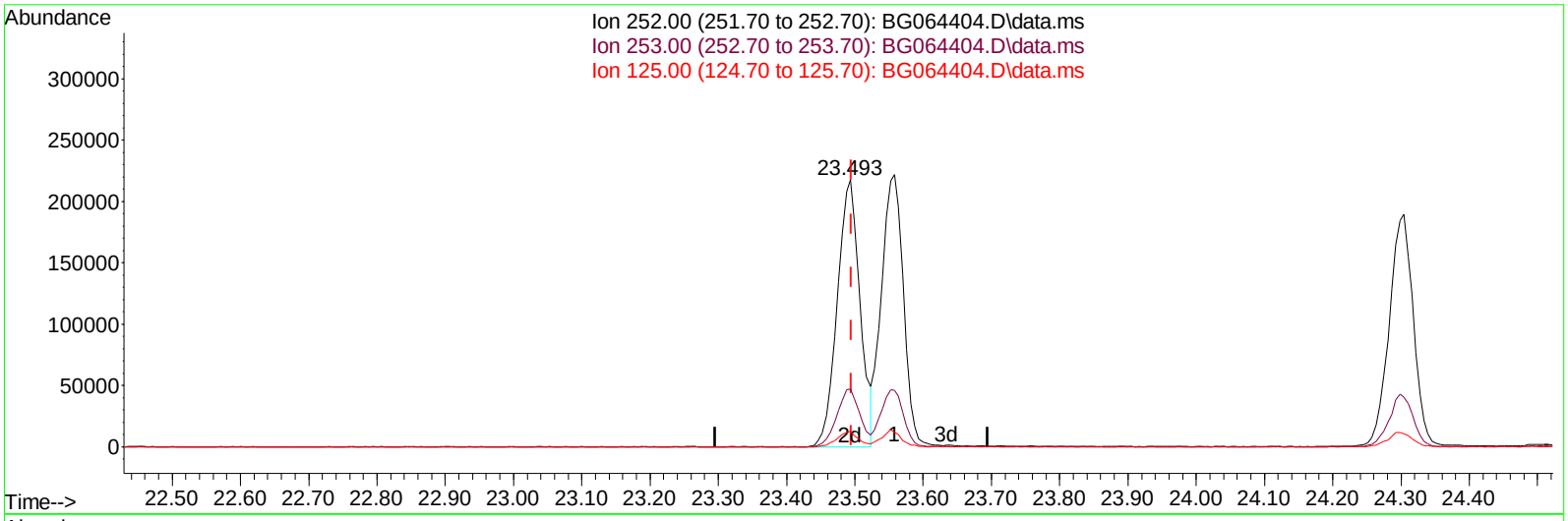
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064404.D
Acq On : 17 Sep 2025 4:20
Operator : RC/JU
Sample : Q3084-20MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

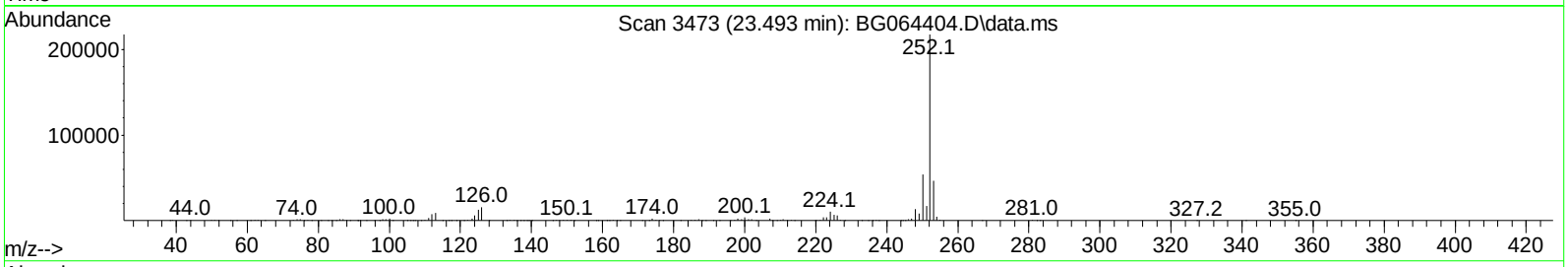
Quant Time: Sep 17 05:24:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

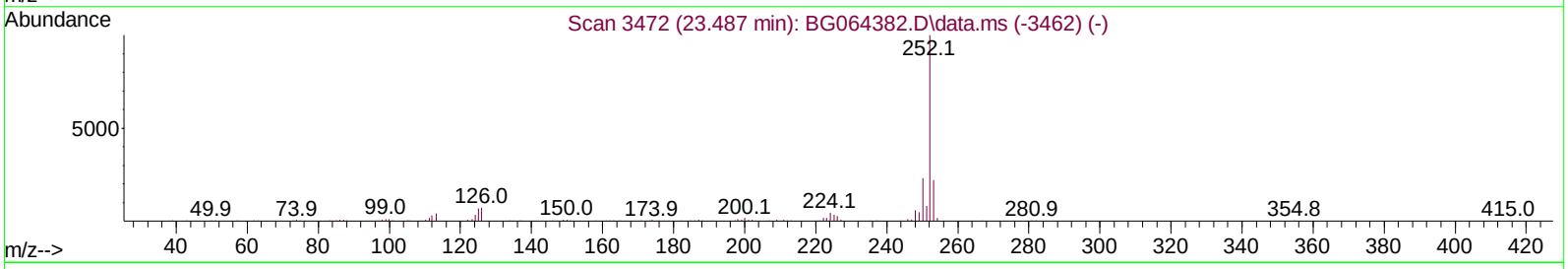
**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025




TIC: BG064404.D\data.ms

**(90) Benzo(b)fluoranthene**

**23.493min (-0.002) 48.22 ng/ul m**

**response 503939**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 20.90 | 21.57 |
| 125.00 | 4.60 | 5.84# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064404.D
Acq On : 17 Sep 2025 4:20
Operator : RC/JU
Sample : Q3084-20MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 17 10:45:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.847 | 152 | 17727 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.632 | 136 | 79215 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.469 | 164 | 58708 | 20.000 | ng/ul | # 0.00 |
| 64) Phenanthrene-d10 | 17.207 | 188 | 140264 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.437 | 240 | 152602 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.434 | 264 | 173766 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.311 | 96 | 2643m | 7.832 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.723 | 84 | 16473 | 16.732 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.013 | 99 | 15176 | 10.474 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.171 | 67 | 30448 | 40.268 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.377 | 132 | 37968 | 32.763 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.552 | 113 | 29475 | 22.358 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.993 | 128 | 24729 | 39.784 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.710 | 143 | 30821 | 40.651 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.256 | 165 | 56297 | 39.932 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.761 | 131 | 68901 | 36.151 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.881 | 166 | 237179 | 45.331 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.163 | 160 | 223772 | 44.265 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.674 | 143 | 9085 | 11.082 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.462 | 176 | 192215 | 45.279 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.579 | 200 | 51133 | 51.107 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.307 | 188 | 341948 | 48.871 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.598 | 212 | 412715 | 48.015 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.234 | 264 | 448884 | 50.122 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.346 | 88 | 21756 | 57.660 | ng/uL# | 82 |
| 5) Pyridine | 3.740 | 79 | 15990 | 15.402 | ng/ul | 95 |
| 6) Benzaldehyde | 6.983 | 77 | 18085 | 26.839 | ng/ul | 94 |
| 8) Phenol | 7.042 | 94 | 14351 | 9.669 | ng/ul# | 82 |
| 10) Bis(2-Chloroethyl)ether | 7.265 | 93 | 37836 | 36.918 | ng/ul | 92 |
| 12) 2-Chlorophenol | 7.412 | 128 | 38916 | 32.303 | ng/ul# | 92 |
| 13) 2-Methylphenol | 8.288 | 108 | 30588 | 24.841 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.364 | 45 | 63741 | 33.404 | ng/ul# | 94 |
| 16) Acetophenone | 8.658 | 105 | 78501 | 37.455 | ng/ul | 91 |
| 17) N-Nitroso-di-n-propyla... | 8.646 | 70 | 38279 | 38.831 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.611 | 108 | 29899 | 22.577 | ng/ul | 88 |
| 19) Hexachloroethane | 8.922 | 117 | 14905 | 28.063 | ng/ul | 87 |
| 22) Nitrobenzene | 9.034 | 77 | 57322 | 37.127 | ng/ul | 94 |
| 23) Isophorone | 9.563 | 82 | 108888 | 36.675 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.751 | 139 | 27676 | 38.075 | ng/ul | 92 |
| 26) 2,4-Dimethylphenol | 9.809 | 107 | 59983 | 37.218 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 10.045 | 93 | 58974 | 39.231 | ng/ul# | 96 |
| 29) 2,4-Dichlorophenol | 10.280 | 162 | 50007 | 38.877 | ng/ul | 94 |
| 30) Naphthalene | 10.679 | 128 | 155688 | 36.102 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.791 | 127 | 46312 | 24.653 | ng/ul | 94 |
| 33) Hexachlorobutadiene | 10.973 | 225 | 39191 | 33.913 | ng/ul | 98 |
| 34) Caprolactam | 11.549 | 113 | 3496m | 6.701 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.913 | 107 | 57279 | 35.992 | ng/ul# | 87 |

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**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.289 | 142 | 124369 | 37.883 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.506 | 142 | 121793 | 37.330 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.659 | 216 | 79755 | 42.869 | ng/ul | 93 |
| 40) Hexachlorocyclopentadiene | 12.641 | 237 | 43060 | 33.605 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.900 | 196 | 51837 | 43.493 | ng/ul | 92 |
| 42) 2,4,5-Trichlorophenol | 12.970 | 196 | 59577 | 46.728 | ng/ul | 93 |
| 43) 1,1'-Biphenyl | 13.300 | 154 | 181012 | 41.761 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.341 | 162 | 132988 | 41.814 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.546 | 65 | 52357 | 45.846 | ng/ul# | 87 |
| 47) Dimethylphthalate | 13.928 | 163 | 211080 | 43.421 | ng/ul | 95 |
| 48) 2,6-Dinitrotoluene | 14.046 | 165 | 45052 | 48.440 | ng/ul | 92 |
| 50) Acenaphthylene | 14.193 | 152 | 231003 | 42.479 | ng/ul | 97 |
| 51) 3-Nitroaniline | 14.375 | 138 | 37524 | 47.296 | ng/ul# | 97 |
| 52) Acenaphthene | 14.533 | 153 | 157545 | 42.664 | ng/ul | 94 |
| 53) 2,4-Dinitrophenol | 14.575 | 184 | 28796 | 45.970 | ng/ul | 87 |
| 55) 4-Nitrophenol | 14.686 | 109 | 12157 | 11.193 | ng/ul# | 87 |
| 56) Dibenzofuran | 14.868 | 168 | 239060 | 43.711 | ng/ul | 93 |
| 57) 2,4-Dinitrotoluene | 14.833 | 165 | 70538 | 47.041 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.097 | 232 | 62781 | 46.809 | ng/ul# | 95 |
| 59) Diethylphthalate | 15.291 | 149 | 224597 | 42.195 | ng/ul | 96 |
| 61) Fluorene | 15.515 | 166 | 203142 | 43.801 | ng/ul | 92 |
| 62) 4-Chlorophenyl-phenyle... | 15.509 | 204 | 107344 | 43.896 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.538 | 138 | 43910 | 53.880 | ng/ul | 92 |
| 66) 4,6-Dinitro-2-methylph... | 15.597 | 198 | 48840 | 48.031 | ng/ul# | 95 |
| 67) N-Nitrosodiphenylamine | 15.726 | 169 | 185665 | 48.499 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.402 | 248 | 77499 | 47.092 | ng/ul | 87 |
| 69) Hexachlorobenzene | 16.519 | 284 | 91080 | 49.101 | ng/ul | 93 |
| 70) Atrazine | 16.678 | 200 | 81842 | 43.355 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.860 | 266 | 56820 | 47.784 | ng/ul | 97 |
| 72) Phenanthrene | 17.254 | 178 | 359138 | 47.110 | ng/ul | 100 |
| 74) Anthracene | 17.342 | 178 | 370642 | 47.763 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.270 | 216 | 81345 | 42.800 | ng/ul | 99 |
| 76) Pentachlorobenzene | 14.792 | 250 | 92472 | 44.475 | ng/ul | 96 |
| 77) Carbazole | 17.612 | 167 | 323258 | 47.974 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.176 | 149 | 383638 | 45.860 | ng/ul | 100 |
| 80) Fluoranthene | 19.263 | 202 | 450841 | 46.374 | ng/ul | 98 |
| 82) Pyrene | 19.627 | 202 | 462061 | 46.145 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.520 | 149 | 183568 | 46.886 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.343 | 252 | 135918 | 42.411 | ng/ul | 91 |
| 85) Benzo(a)anthracene | 21.419 | 228 | 497364 | 48.604 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.343 | 149 | 261000 | 46.469 | ng/ul | 99 |
| 87) Chrysene | 21.484 | 228 | 472446 | 49.058 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.477 | 149 | 452171 | 45.709 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.493 | 252 | 503939m | 48.220 | ng/ul | |
| 91) Benzo(k)fluoranthene | 23.558 | 252 | 495019 | 47.606 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.304 | 252 | 463222 | 47.715 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 27.812 | 276 | 611144 | 48.691 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 27.871 | 278 | 495808 | 49.027 | ng/ul | 94 |
| 96) Benzo(g,h,i)perylene | 28.869 | 276 | 489023 | 47.727 | ng/ul# | 93 |

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

**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064404.D
Acq On : 17 Sep 2025 4:20
Operator : RC/JU
Sample : Q3084-20MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 17 10:45:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PMW-2(20250911)MSD

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