Quantitation Report (Qedit)

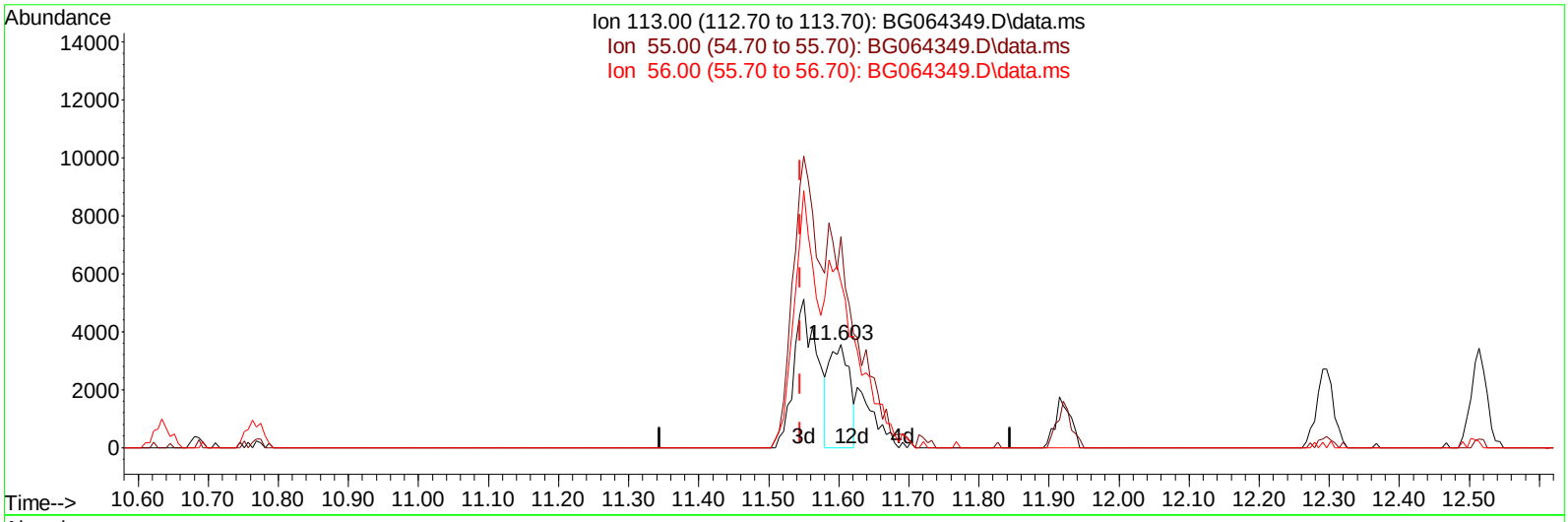
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091125\
Data File : BG064349.D
Acq On : 11 Sep 2025 16:27
Operator : RC/JU
Sample : SSTD04016
Misc :
ALS Vial : 5 Sample Multiplier: 1

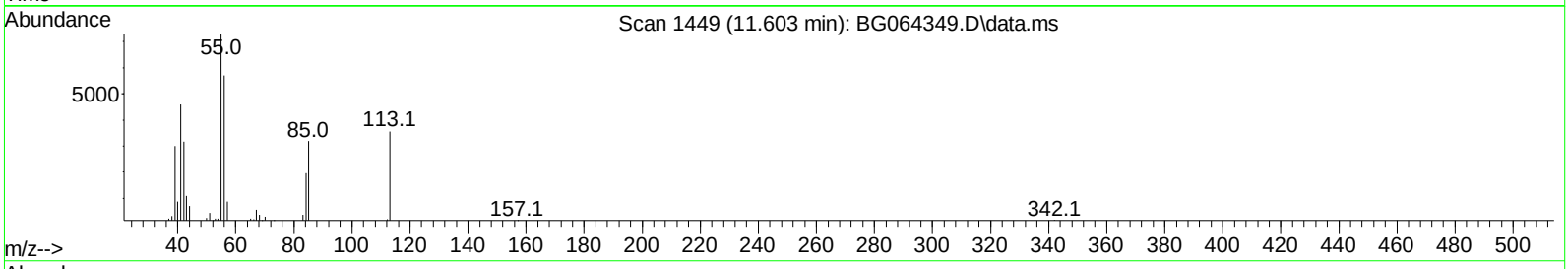
Quant Time: Sep 12 10:52:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 10:45:34 2025
Response via : Initial Calibration

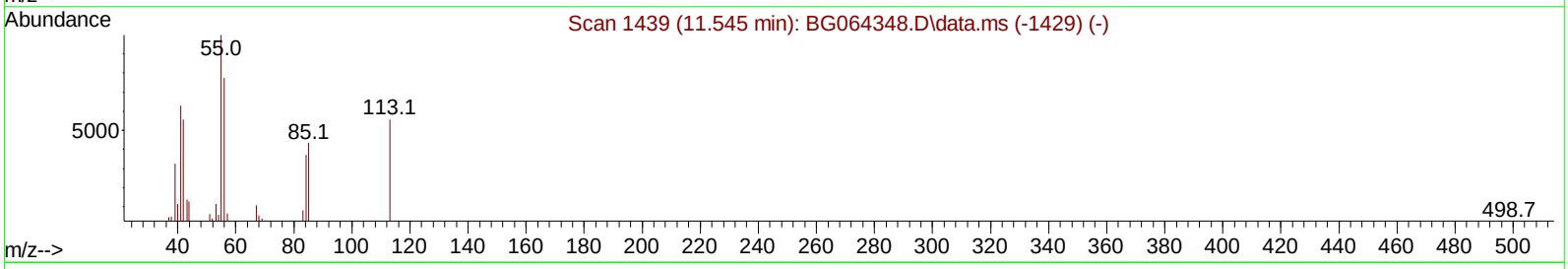
**Instrument :**
BNA_G
**ClientSampleId :**
SSTD040415

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025




TIC: BG064349.D\data.ms

**(34) Caprolactam**

**11.603min (+ 0.059) 14.42 ng/ul**

**response 7116**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 179.40 | 204.13 |
| 56.00 | 138.90 | 160.12 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 10:45:34 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD040415

**Manual IntegrationsAPPROVED**

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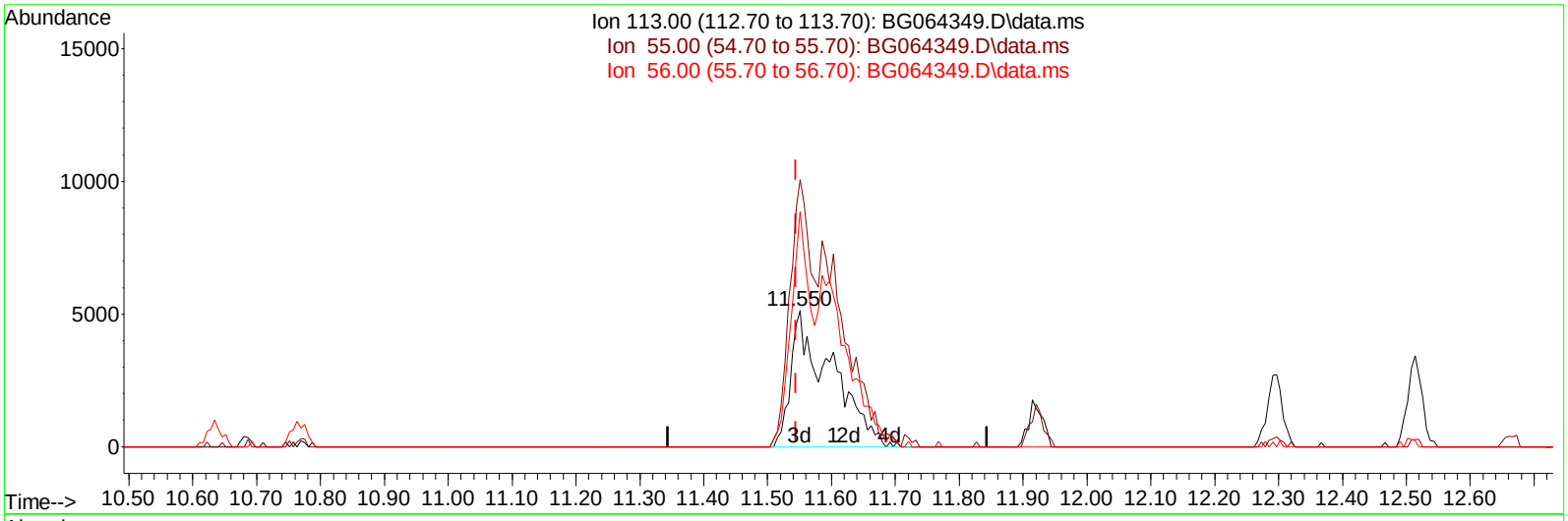


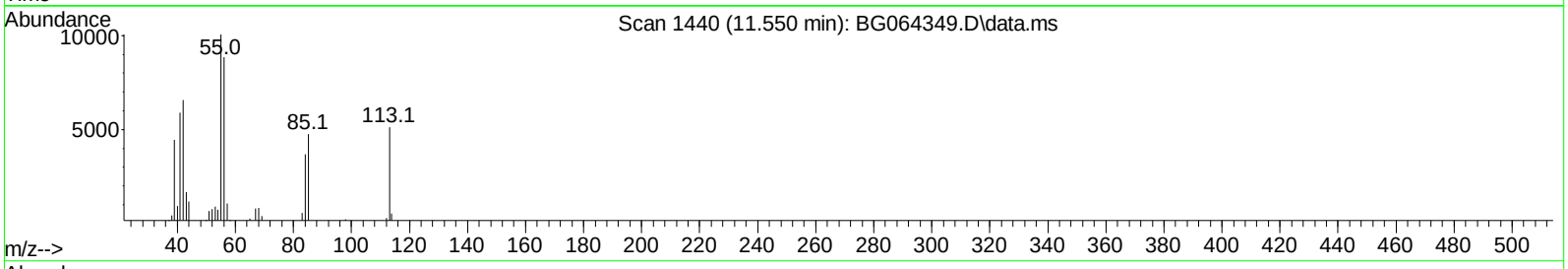


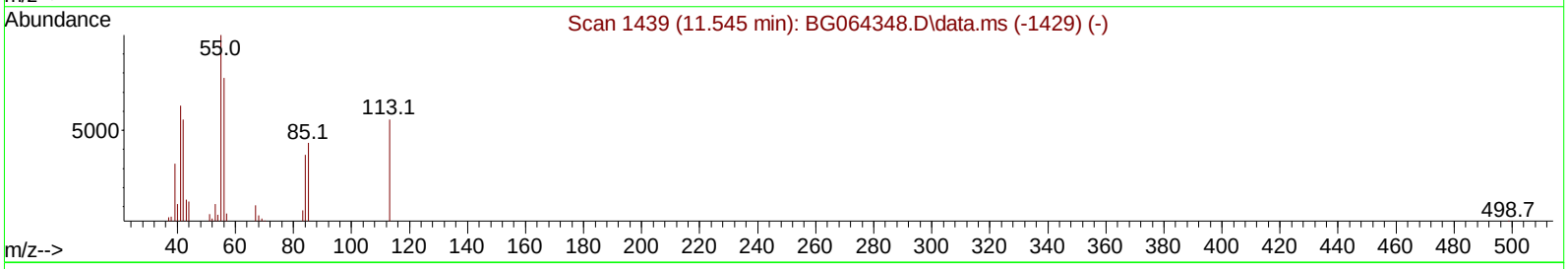


TIC: BG064349.D\data.ms

**(34) Caprolactam**

**11.550min (+ 0.006) 46.12 ng/ul m**

**response 22763**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 179.40 | 195.99 |
| 56.00 | 138.90 | 172.51# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 11 Sep 2025 16:27
Operator : RC/JU
Sample : SSTD04016
Misc :
ALS Vial : 5 Sample Multiplier: 1

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QLast Update : Fri Sep 12 10:45:34 2025
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**Instrument :**
BNA_G
**ClientSampleId :**
SSTD040415

**Manual IntegrationsAPPROVED**

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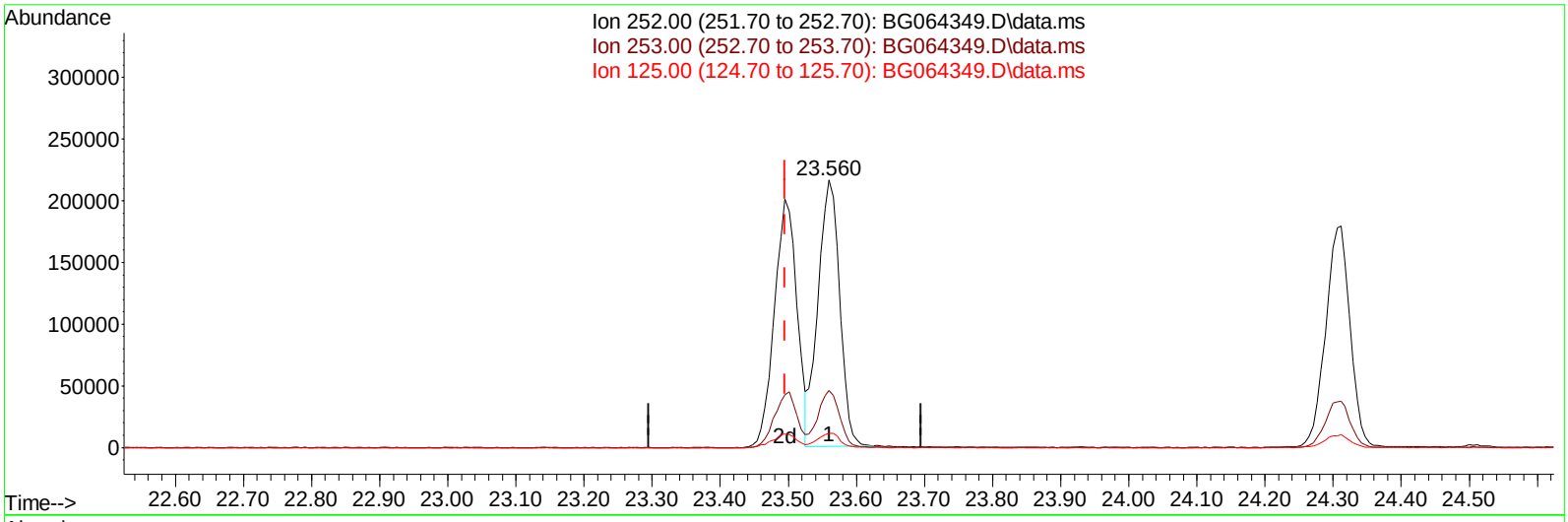


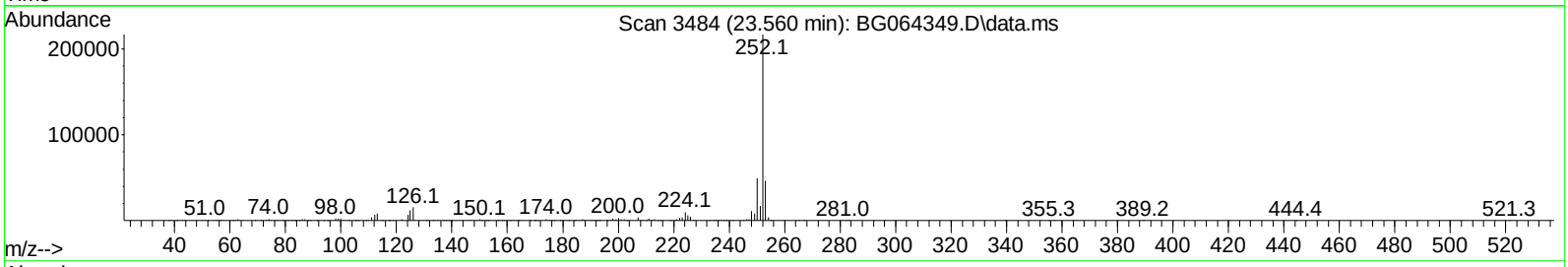


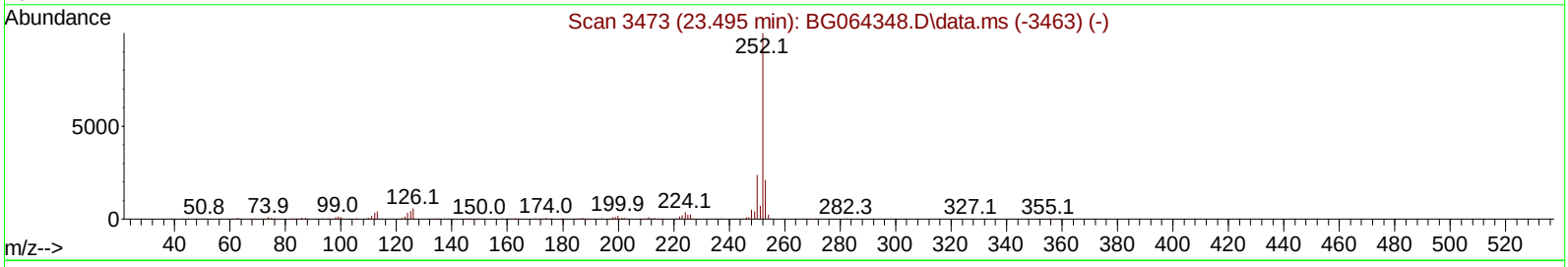


TIC: BG064349.D\data.ms

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

**23.560min (+ 0.065) 41.16 ng/ul**

**response 474682**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 20.90 | 21.45 |
| 125.00 | 4.60 | 5.34 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : SSTD04016
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 12 10:52:03 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 10:45:34 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD040415

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/12/2025
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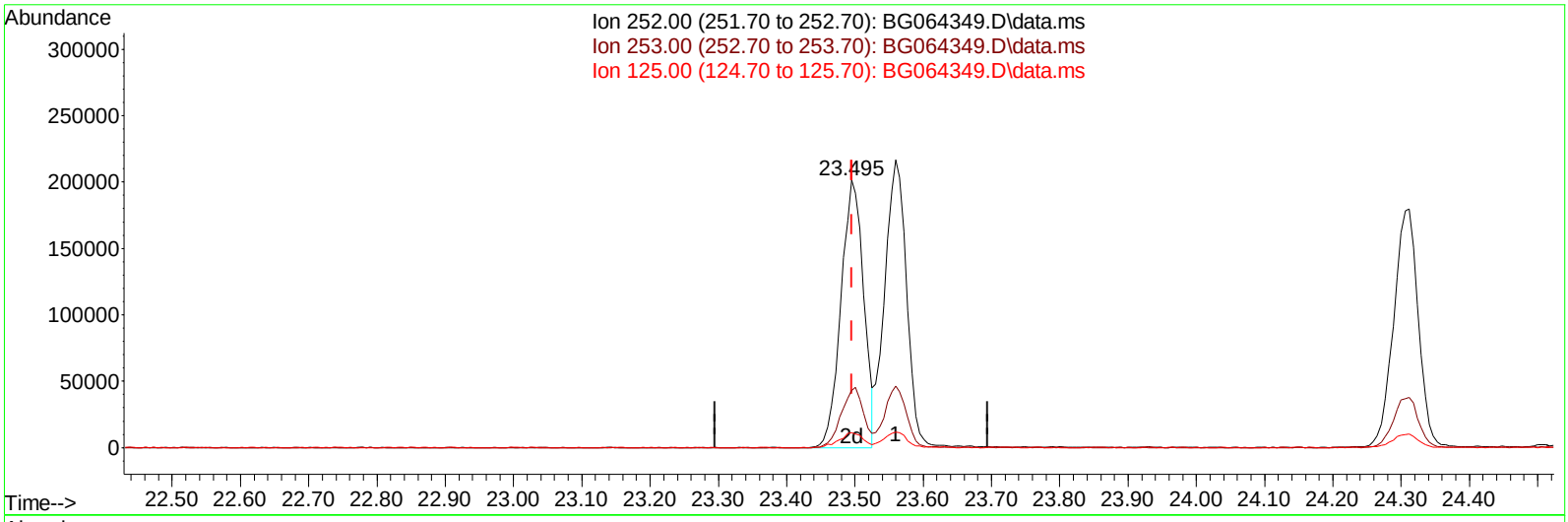


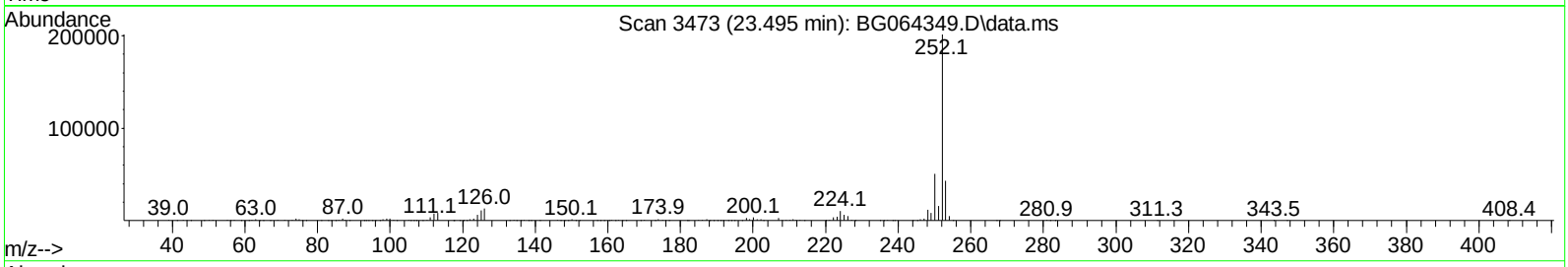


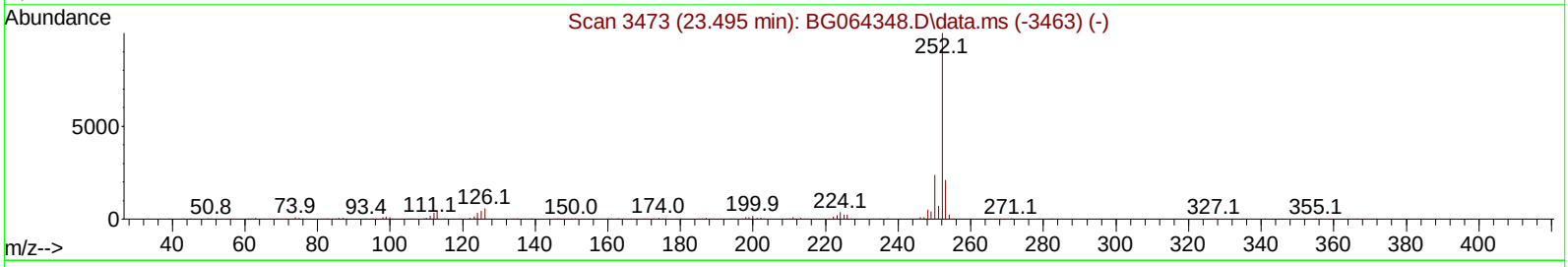


TIC: BG064349.D\data.ms

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

**23.495min (-0.000) 40.24 ng/ul m**

**response 464015**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 20.90 | 21.27 |
| 125.00 | 4.60 | 5.56# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091125\
Data File : BG064349.D
Acq On : 11 Sep 2025 16:27
Operator : RC/JU
Sample : SSTD04016
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 12 10:53:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 10:45:34 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD040415

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.849 | 152 | 18331 | 20.000 | ng/ul | # 0.00 |
| 20) Naphthalene-d8 | 10.634 | 136 | 82530 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.470 | 164 | 64678 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.214 | 188 | 160813 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.445 | 240 | 170549 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.441 | 264 | 189486 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.313 | 96 | 5666 | 13.343 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.718 | 84 | 41492 | 34.069 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.014 | 99 | 61427 | 39.162 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.179 | 67 | 33264 | 34.499 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.379 | 132 | 51297 | 40.300 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.554 | 113 | 56394 | 42.229 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.000 | 128 | 28597 | 46.858 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.717 | 143 | 34511 | 52.490 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.258 | 165 | 62828 | 47.926 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.769 | 131 | 84135 | 46.675 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.883 | 166 | 236179 | 46.134 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.165 | 160 | 233687 | 42.294 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.676 | 143 | 38635 | 45.580 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.463 | 176 | 192521 | 44.129 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.587 | 200 | 47274 | 51.364 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.308 | 188 | 329035 | 41.463 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.600 | 212 | 389710 | 41.892 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.241 | 264 | 412168 | 42.454 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.348 | 88 | 6123 | 12.702 | ng/uL# | 87 |
| 5) Pyridine | 3.742 | 79 | 45788 | 36.065 | ng/ul | 94 |
| 6) Benzaldehyde | 6.991 | 77 | 31635 | 35.629 | ng/ul | 94 |
| 8) Phenol | 7.044 | 94 | 63738 | 39.213 | ng/ul# | 84 |
| 10) Bis(2-Chloroethyl)ether | 7.273 | 93 | 45949 | 38.119 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.414 | 128 | 53197 | 40.868 | ng/ul | 89 |
| 13) 2-Methylphenol | 8.289 | 108 | 51881 | 40.894 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.372 | 45 | 82659 | 30.022 | ng/ul# | 96 |
| 16) Acetophenone | 8.665 | 105 | 92639 | 42.893 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.654 | 70 | 44488 | 39.297 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.618 | 108 | 56914 | 40.592 | ng/ul | 95 |
| 19) Hexachloroethane | 8.930 | 117 | 23372 | 41.969 | ng/ul | 97 |
| 22) Nitrobenzene | 9.041 | 77 | 68396 | 41.756 | ng/ul | 92 |
| 23) Isophorone | 9.564 | 82 | 130700 | 41.741 | ng/ul | 95 |
| 25) 2-Nitrophenol | 9.747 | 139 | 33549 | 47.834 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.811 | 107 | 74587 | 48.860 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.046 | 93 | 66044 | 38.114 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.287 | 162 | 58900 | 46.579 | ng/ul | 93 |
| 30) Naphthalene | 10.687 | 128 | 188608 | 42.998 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.792 | 127 | 82636 | 47.043 | ng/ul | 91 |
| 33) Hexachlorobutadiene | 10.975 | 225 | 51082 | 50.552 | ng/ul | 93 |
| 34) Caprolactam | 11.550 | 113 | 22763m | 46.119 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.920 | 107 | 72152 | 45.646 | ng/ul | 98 |

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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.296 | 142 | 144470 | 44.772 ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.514 | 142 | 142367 | 43.598 ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.661 | 216 | 87545 | 44.837 ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.649 | 237 | 59827 | 54.185 ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.902 | 196 | 56301 | 45.685 ng/ul | 91 |
| 42) 2,4,5-Trichlorophenol | 12.978 | 196 | 63060 | 47.403 ng/ul# | 88 |
| 43) 1,1'-Biphenyl | 13.307 | 154 | 199586 | 41.393 ng/ul# | 97 |
| 44) 2-Chloronaphthalene | 13.348 | 162 | 147396 | 40.646 ng/ul | 98 |
| 45) 2-Nitroaniline | 13.548 | 65 | 54333 | 44.030 ng/ul | 95 |
| 47) Dimethylphthalate | 13.930 | 163 | 220562 | 45.972 ng/ul# | 95 |
| 48) 2,6-Dinitrotoluene | 14.047 | 165 | 45208 | 49.336 ng/ul# | 87 |
| 50) Acenaphthylene | 14.194 | 152 | 249014 | 43.398 ng/ul | 97 |
| 51) 3-Nitroaniline | 14.376 | 138 | 38163 | 42.542 ng/ul | 88 |
| 52) Acenaphthene | 14.535 | 153 | 168732 | 40.461 ng/ul | 95 |
| 53) 2,4-Dinitrophenol | 14.582 | 184 | 29410 | 57.913 ng/ul | 89 |
| 55) 4-Nitrophenol | 14.694 | 109 | 50585 | 50.636 ng/ul | 96 |
| 56) Dibenzofuran | 14.870 | 168 | 248891 | 42.460 ng/ul | 92 |
| 57) 2,4-Dinitrotoluene | 14.835 | 165 | 68497 | 48.300 ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.099 | 232 | 63260 | 51.015 ng/ul# | 92 |
| 59) Diethylphthalate | 15.299 | 149 | 231273 | 44.215 ng/ul | 95 |
| 61) Fluorene | 15.522 | 166 | 210168 | 43.395 ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.516 | 204 | 109055 | 44.827 ng/ul | 94 |
| 63) 4-Nitroaniline | 15.540 | 138 | 38738 | 41.363 ng/ul | 88 |
| 66) 4,6-Dinitro-2-methylph... | 15.599 | 198 | 49486 | 51.175 ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.728 | 169 | 184226 | 40.291 ng/ul | 95 |
| 68) 4-Bromophenyl-phenylether | 16.403 | 248 | 79601 | 44.947 ng/ul | 93 |
| 69) Hexachlorobenzene | 16.521 | 284 | 88518 | 44.967 ng/ul | 94 |
| 70) Atrazine | 16.680 | 200 | 86956 | 46.497 ng/ul | 94 |
| 71) Pentachlorophenol | 16.868 | 266 | 56451 | 47.500 ng/ul | 94 |
| 72) Phenanthrene | 17.255 | 178 | 360106 | 40.977 ng/ul | 98 |
| 74) Anthracene | 17.344 | 178 | 365189 | 40.671 ng/ul | 97 |
| 75) 1,2,3,4-Tetrachloroben... | 13.272 | 216 | 91597 | 41.609 ng/ul | 99 |
| 76) Pentachlorobenzene | 14.794 | 250 | 97906 | 42.277 ng/ul | 97 |
| 77) Carbazole | 17.614 | 167 | 325040 | 42.067 ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.184 | 149 | 400360 | 40.570 ng/ul | 98 |
| 80) Fluoranthene | 19.265 | 202 | 443851 | 40.665 ng/ul | 98 |
| 82) Pyrene | 19.629 | 202 | 459111 | 39.974 ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.522 | 149 | 186063 | 40.826 ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.345 | 252 | 159986 | 48.165 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.421 | 228 | 481338 | 41.589 ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.345 | 149 | 265609 | 39.159 ng/ul | 99 |
| 87) Chrysene | 21.486 | 228 | 452242 | 41.258 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.485 | 149 | 448025 | 37.680 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.495 | 252 | 464015m | 40.238 ng/ul | |
| 91) Benzo(k)fluoranthene | 23.560 | 252 | 474682 | 40.854 ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.312 | 252 | 451396 | 41.862 ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.831 | 276 | 571492 | 41.985 ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 27.884 | 278 | 461869 | 42.435 ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 28.883 | 276 | 461783 | 43.209 ng/ul# | 96 |

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

**Instrument :**
BNA_G
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