Quantitation Report (Qedit)

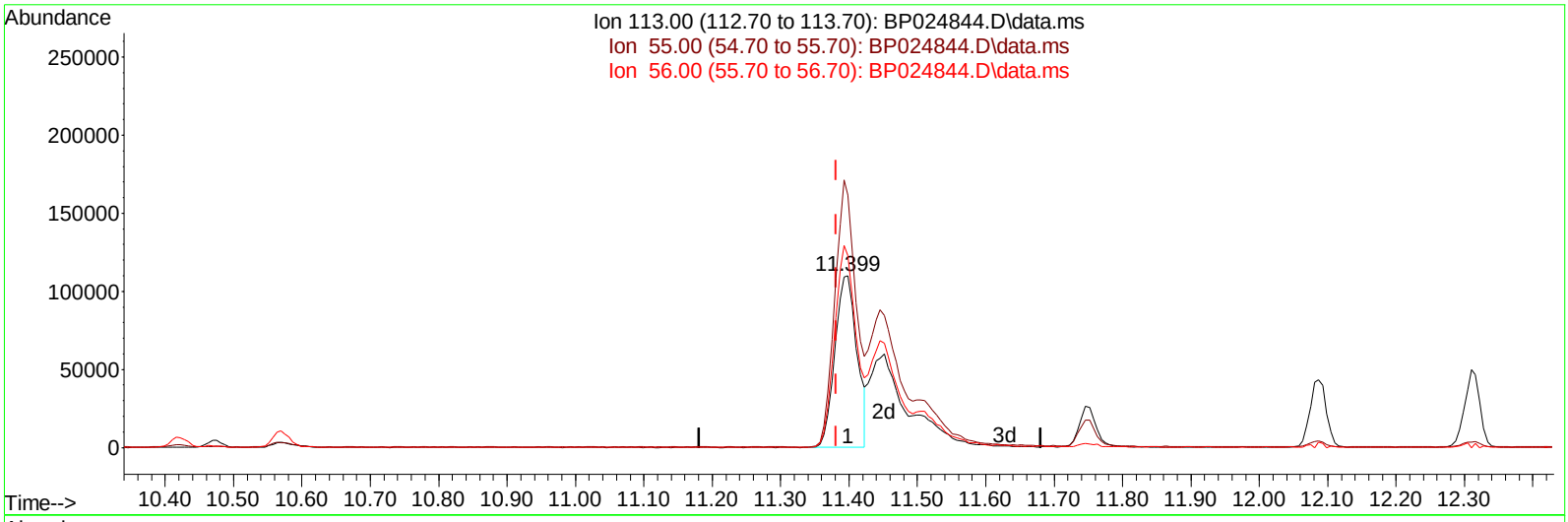
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060225\
Data File : BP024844.D
Acq On : 02 Jun 2025 16:47
Operator : RC/JU
Sample : SSTD08095
Misc :
ALS Vial : 6 Sample Multiplier: 1

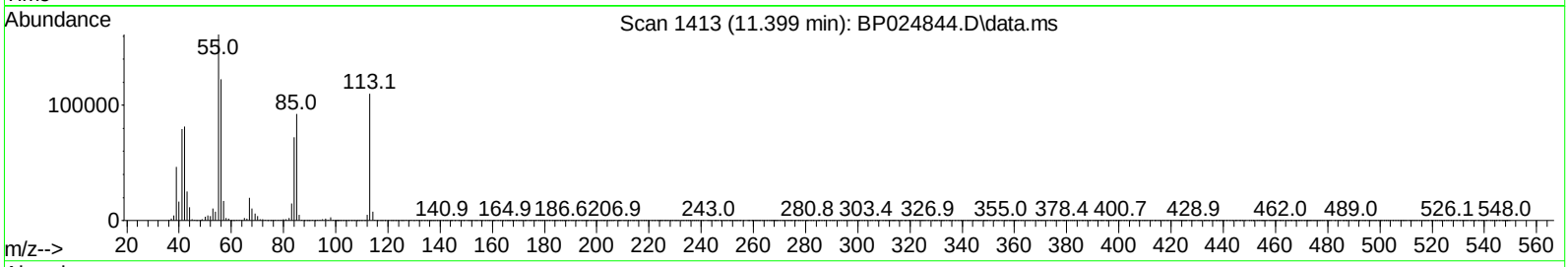
Quant Time: Jun 02 17:14:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 02 16:42:31 2025
Response via : Initial Calibration

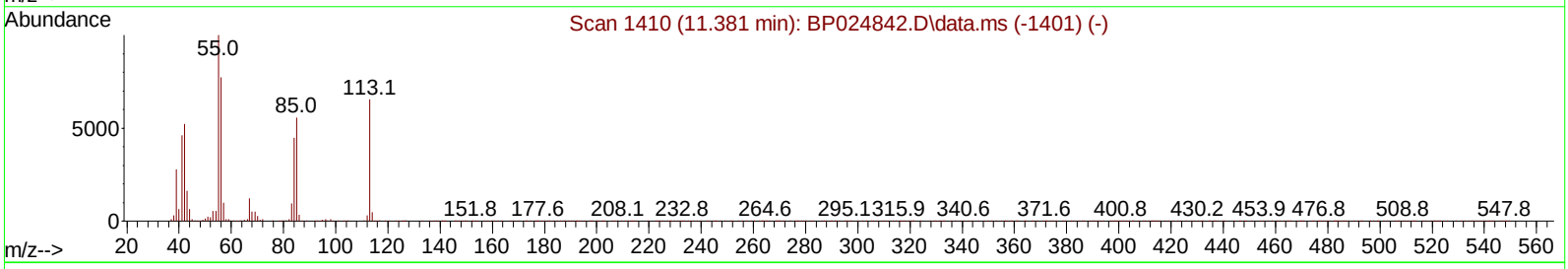
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080629

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025




TIC: BP024844.D\data.ms

**(34) Caprolactam**

**11.399min (+ 0.018) 39.37 ng/ul**

**response 246412**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 153.50 | 146.57 |
| 56.00 | 118.40 | 111.43 |
| 0.00 | 0.00 | 0.00 |

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Operator : RC/JU
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**Instrument :**
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**ClientSampleId :**
SSTD080629

**Manual IntegrationsAPPROVED**

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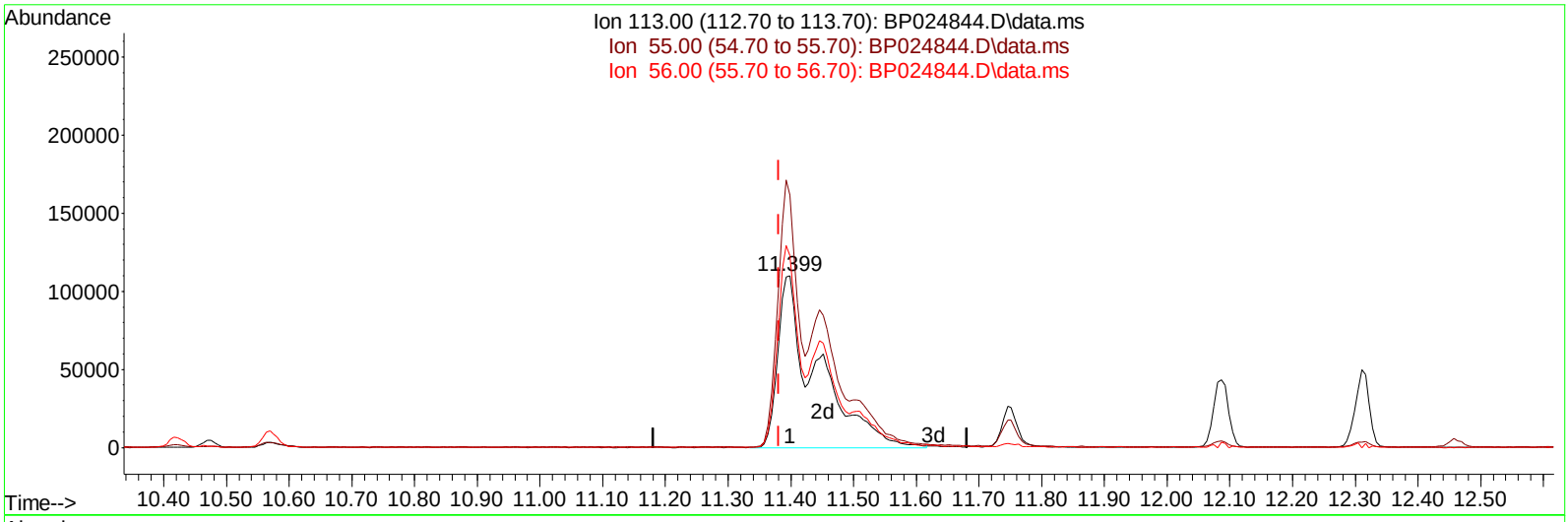


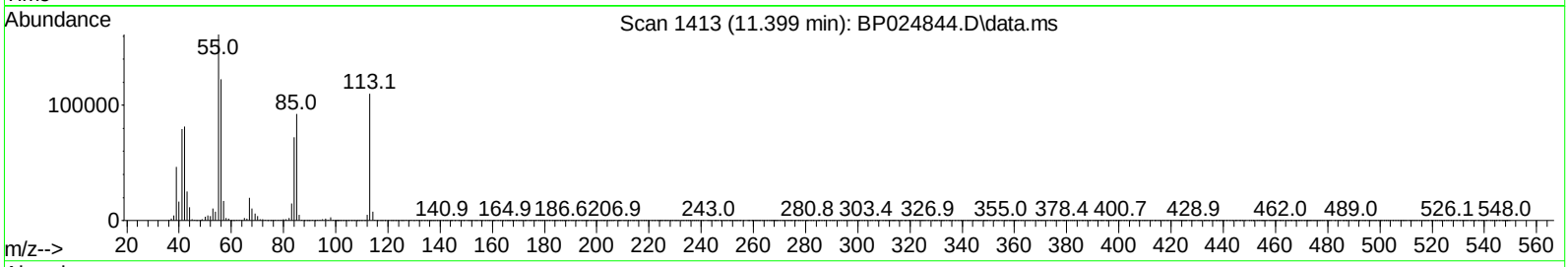


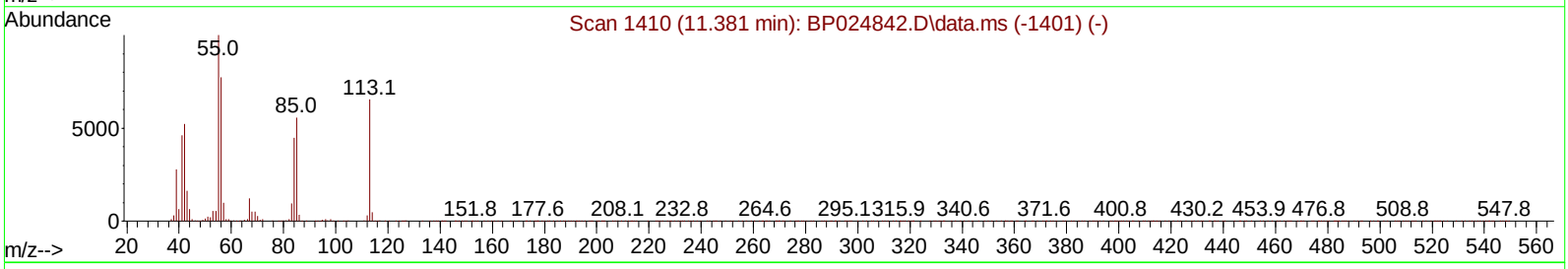


TIC: BP024844.D\data.ms

**(34) Caprolactam**

**11.399min (+ 0.018) 76.53 ng/ul m**

**response 479029**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 153.50 | 146.57 |
| 56.00 | 118.40 | 111.43 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Data File : BP024844.D
Acq On : 02 Jun 2025 16:47
Operator : RC/JU
Sample : SSTD08095
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 02 17:15:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 02 16:42:31 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080629

**Manual IntegrationsAPPROVED**

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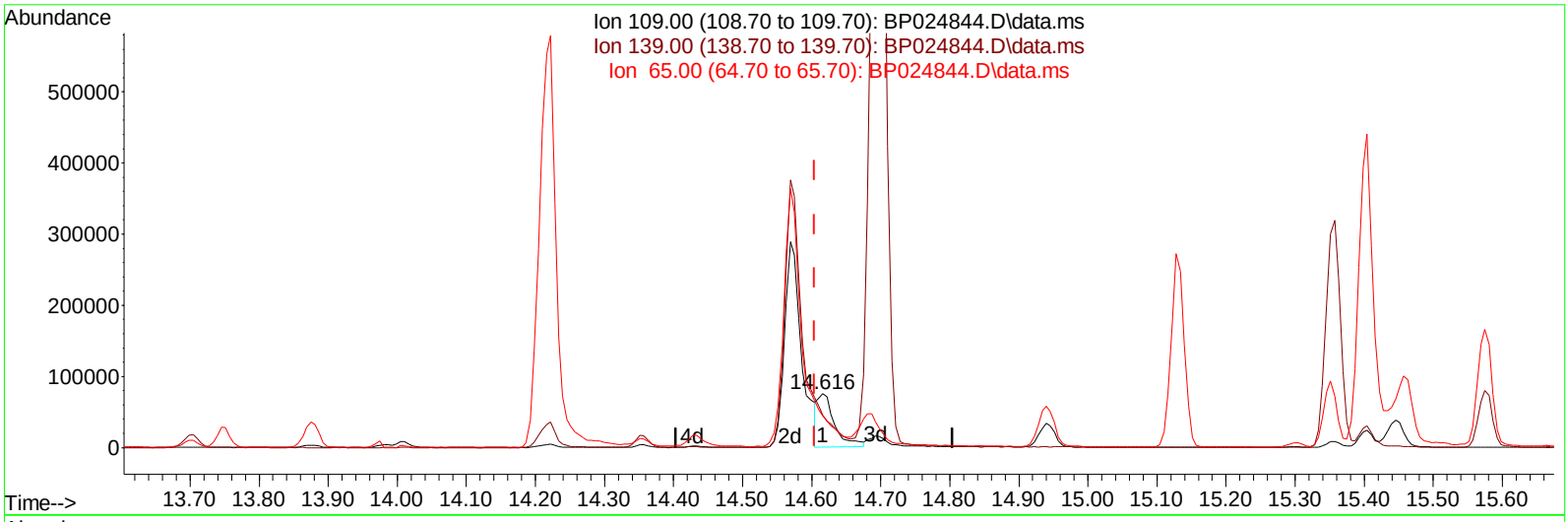


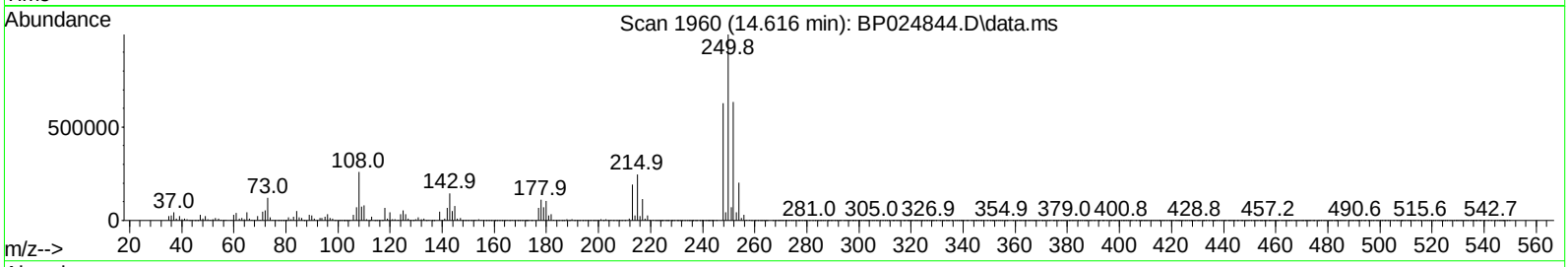


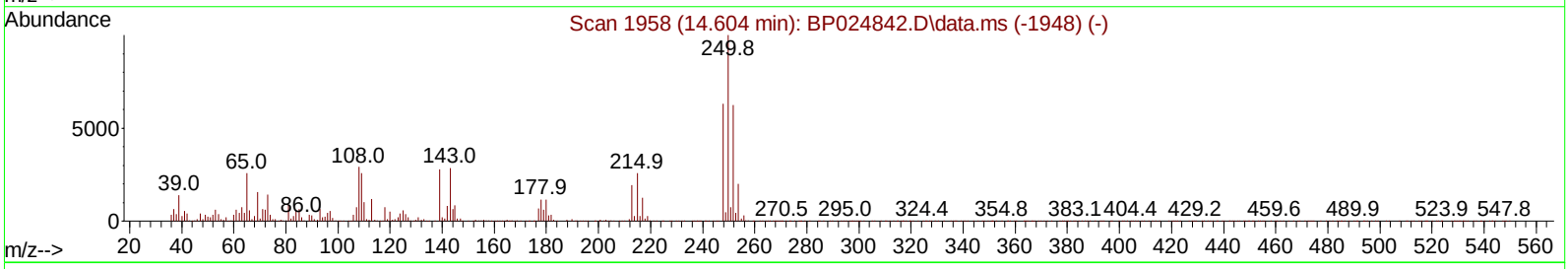


TIC: BP024844.D\data.ms

**(55) 4-Nitrophenol**

**14.616min (+ 0.012) 19.07 ng/ul**

**response 126697**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 107.70 | 60.70# |
| 65.00 | 102.50 | 58.73# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : SSTD08095
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 02 17:15:40 2025
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**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080629

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 06/03/2025
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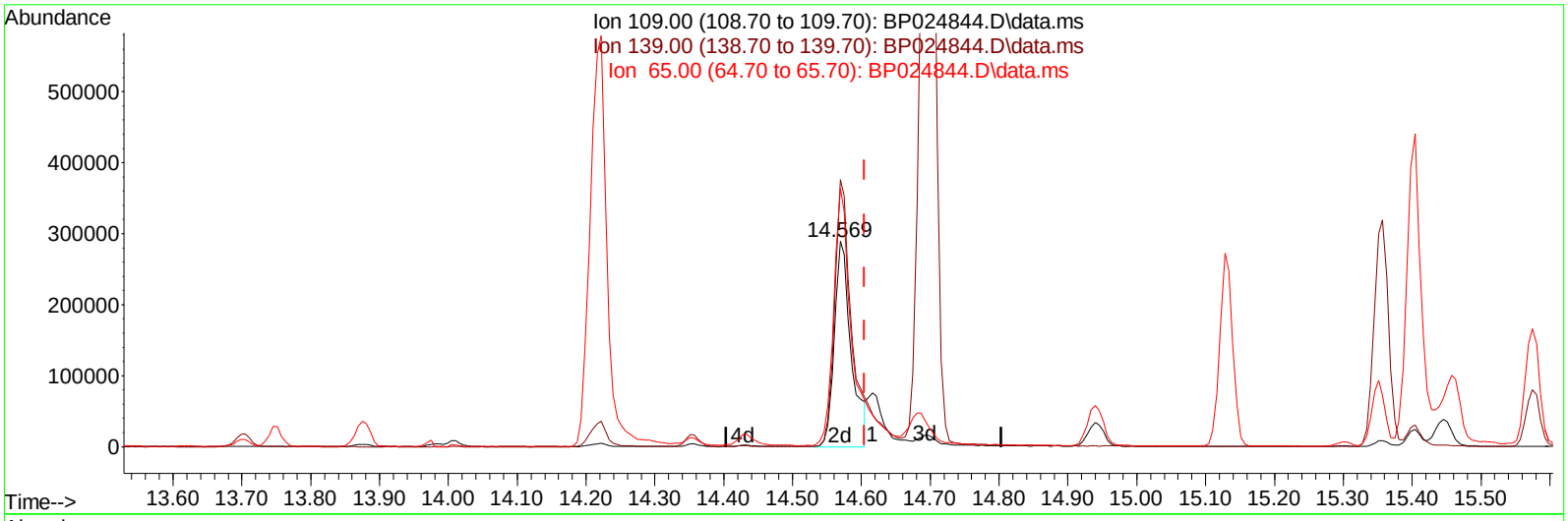


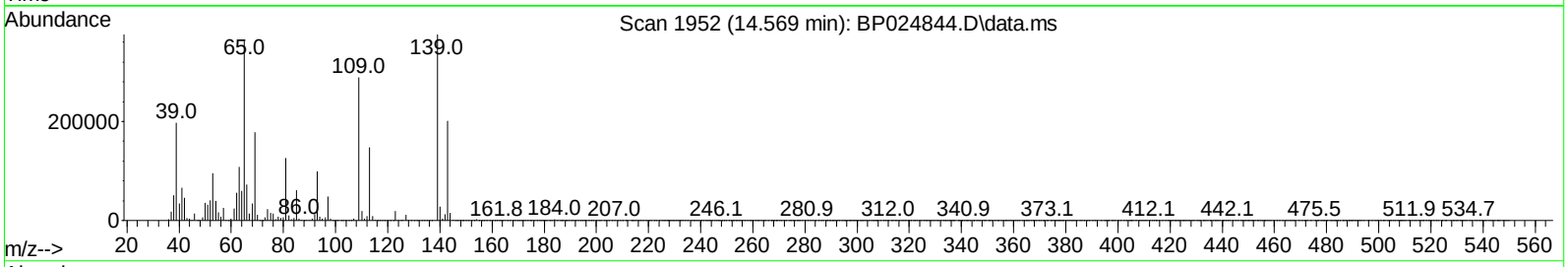


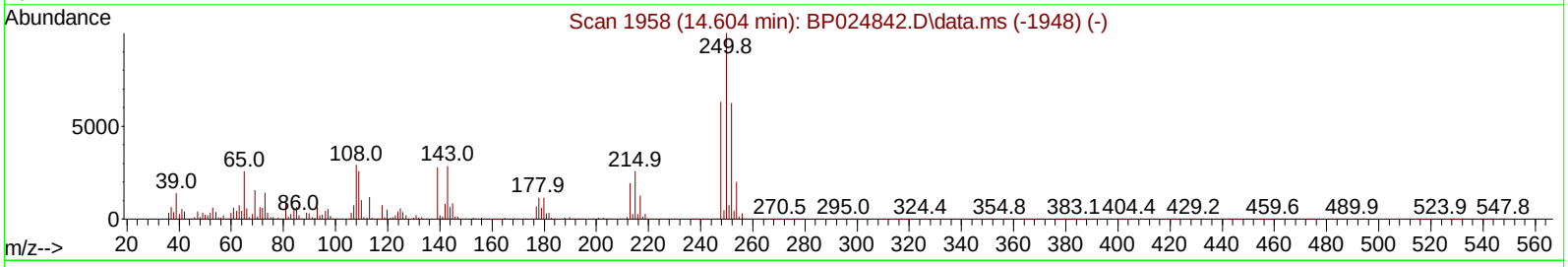


TIC: BP024844.D\data.ms

**(55) 4-Nitrophenol**

**14.569min (-0.035) 74.17 ng/ul m**

**response 492750**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 107.70 | 129.96# |
| 65.00 | 102.50 | 125.78# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : SSTD08095
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 02 17:19:19 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 02 16:42:31 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080629

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.646 | 152 | 254478 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.422 | 136 | 1065889 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.293 | 164 | 666985 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.087 | 188 | 1310020 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.522 | 240 | 1379702 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.816 | 264 | 1582937 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.181 | 96 | 203955 | 32.279 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.587 | 84 | 1301715 | 74.265 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.858 | 99 | 1635050 | 74.949 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.993 | 67 | 958331 | 78.550 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.199 | 132 | 1361059 | 80.387 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.381 | 113 | 1347997 | 77.366 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.805 | 128 | 685713 | 81.311 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.522 | 143 | 787275 | 87.705 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.069 | 165 | 1315988 | 83.317 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.569 | 131 | 1859521 | 77.193 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.704 | 166 | 3788686 | 78.686 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.981 | 160 | 4283385 | 77.450 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.557 | 143 | 615887 | 69.644 | ng/ul | -0.03 |
| 60) Fluorene-d10 | 15.298 | 176 | 3070218 | 76.150 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.445 | 200 | 734368 | 87.963 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.192 | 188 | 4834651 | 76.867 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.569 | 212 | 5536870 | 80.663 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.598 | 264 | 6563348 | 81.423 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.217 | 88 | 215247 | 32.306 | ng/uL | 98 |
| 5) Pyridine | 3.611 | 79 | 1342369 | 75.301 | ng/ul | 94 |
| 6) Benzaldehyde | 6.805 | 77 | 551227 | 49.816 | ng/ul | 98 |
| 8) Phenol | 6.887 | 94 | 1675260 | 73.960 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.087 | 93 | 1308661 | 75.430 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.234 | 128 | 1379371 | 78.436 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.116 | 108 | 1279137 | 76.029 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.163 | 45 | 1640823 | 85.553 | ng/ul | 100 |
| 16) Acetophenone | 8.475 | 105 | 2011043 | 74.146 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.458 | 70 | 1054552 | 81.008 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.440 | 108 | 1372796 | 74.046 | ng/ul | 99 |
| 19) Hexachloroethane | 8.711 | 117 | 579347 | 80.768 | ng/ul | 97 |
| 22) Nitrobenzene | 8.846 | 77 | 1546013 | 81.203 | ng/ul | 99 |
| 23) Isophorone | 9.369 | 82 | 2989692 | 81.670 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.552 | 139 | 818661 | 83.090 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.622 | 107 | 1488781 | 83.521 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.846 | 93 | 1771824 | 77.791 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.093 | 162 | 1298389 | 80.186 | ng/ul | 99 |
| 30) Naphthalene | 10.469 | 128 | 4230552 | 74.727 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.593 | 127 | 1739892 | 75.882 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.752 | 225 | 845987 | 83.330 | ng/ul | 99 |
| 34) Caprolactam | 11.399 | 113 | 479029m | 76.530 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.746 | 107 | 1454090 | 84.579 | 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 | 12.087 | 142 | 2982731 | 77.101 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.310 | 142 | 2934691 | 76.556 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.463 | 216 | 1551074 | 78.850 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.434 | 237 | 847337 | 85.589 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.722 | 196 | 1042081 | 83.999 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.804 | 196 | 1121291 | 83.681 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.110 | 154 | 3730349 | 75.082 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.151 | 162 | 2950885 | 76.604 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.375 | 65 | 941323 | 91.167 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.751 | 163 | 3731855 | 77.856 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.875 | 165 | 845113 | 89.077 | ng/ul | 98 |
| 50) Acenaphthylene | 14.010 | 152 | 4407625 | 74.134 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.222 | 138 | 782864 | 73.513 | ng/ul | 93 |
| 52) Acenaphthene | 14.351 | 153 | 3178858 | 75.397 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.434 | 184 | 539313 | 92.472 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.569 | 109 | 492750m | 74.175 | ng/ul | |
| 56) Dibenzofuran | 14.698 | 168 | 4255089 | 73.791 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.681 | 165 | 1204637 | 85.444 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.945 | 232 | 953496 | 85.422 | ng/ul | 99 |
| 59) Diethylphthalate | 15.134 | 149 | 3880683 | 81.091 | ng/ul | 98 |
| 61) Fluorene | 15.357 | 166 | 3478673 | 73.829 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.351 | 204 | 1707765 | 74.447 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.404 | 138 | 600414 | 58.627 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.463 | 198 | 765249 | 84.879 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.575 | 169 | 3049776 | 77.407 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.263 | 248 | 1168585 | 81.792 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.381 | 284 | 1386854 | 79.625 | ng/ul | 100 |
| 70) Atrazine | 16.563 | 200 | 1183325 | 82.536 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.745 | 266 | 784125 | 76.319 | ng/ul | 99 |
| 72) Phenanthrene | 17.134 | 178 | 5438949 | 73.897 | ng/ul | 100 |
| 74) Anthracene | 17.234 | 178 | 5495674 | 74.121 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.075 | 216 | 1570285 | 80.810 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.622 | 250 | 1559236 | 76.787 | ng/uL | 99 |
| 77) Carbazole | 17.522 | 167 | 5162530 | 76.737 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.098 | 149 | 6829951 | 84.752 | ng/ul | 99 |
| 80) Fluoranthene | 19.222 | 202 | 6474176 | 81.020 | ng/ul | 100 |
| 82) Pyrene | 19.604 | 202 | 6597963 | 76.670 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.539 | 149 | 3322782 | 92.767 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.422 | 252 | 2104051 | 76.829 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.498 | 228 | 6806979 | 76.605 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.427 | 149 | 4866424 | 90.989 | ng/ul | 100 |
| 87) Chrysene | 21.569 | 228 | 6470559 | 77.552 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.686 | 149 | 8525668 | 90.758 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.780 | 252 | 7300803 | 79.301 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.851 | 252 | 7423130 | 79.214 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.669 | 252 | 6830837 | 78.537 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.568 | 276 | 9361516 | 81.873 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 28.633 | 278 | 7563448 | 82.097 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 29.721 | 276 | 7162327 | 80.024 | ng/ul | 99 |

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

**Instrument :**
BNA_P
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