Quantitation Report (Qedit)

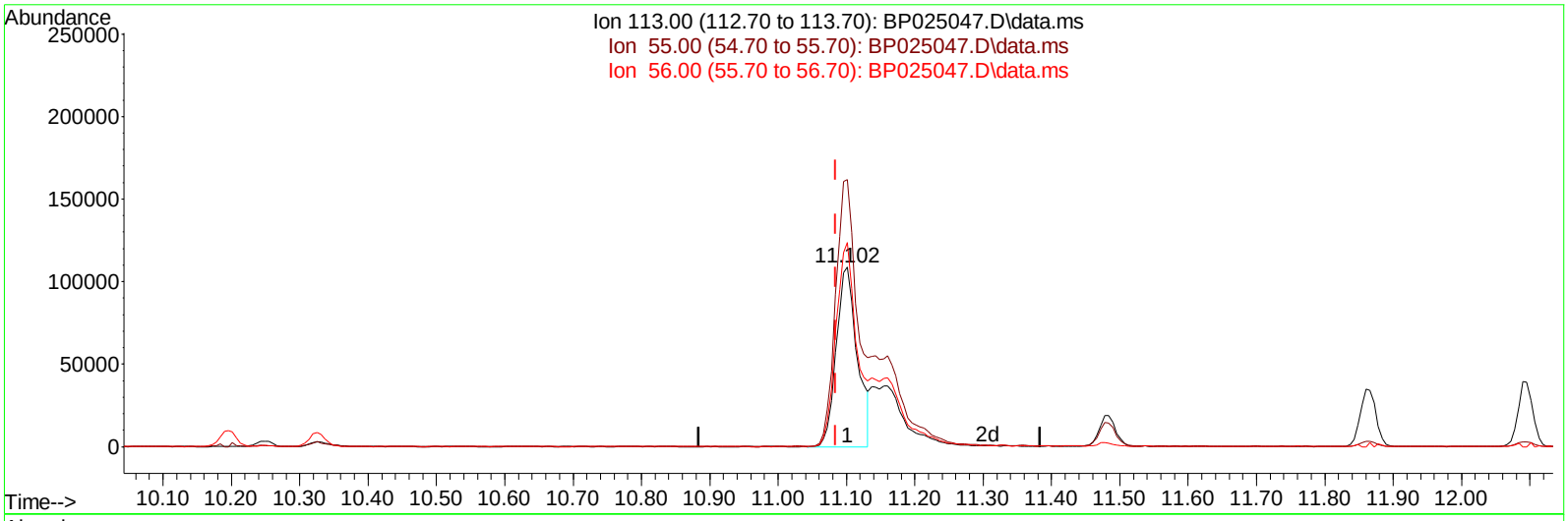
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063025\
Data File : BP025047.D
Acq On : 30 Jun 2025 18:08
Operator : RC/JU
Sample : SSTD04007
Misc :
ALS Vial : 5 Sample Multiplier: 1

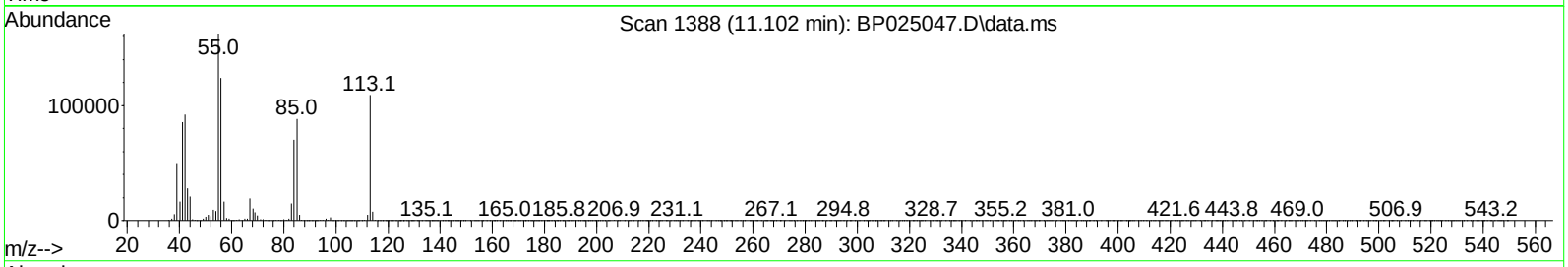
Quant Time: Jul 01 11:04:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP063025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 10:51:11 2025
Response via : Initial Calibration

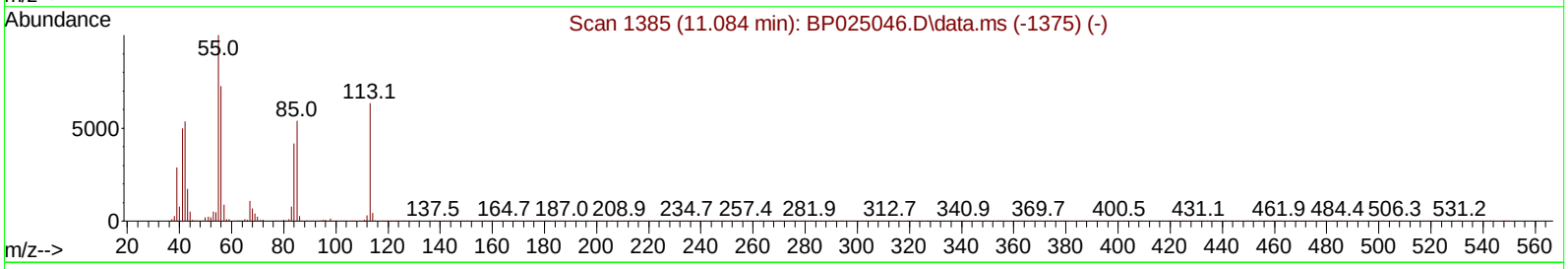
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040641

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 07/01/2025
Supervised By :Jagrut Upadhyay 07/02/2025




TIC: BP025047.D\data.ms

**(34) Caprolactam**

**11.102min (+ 0.018) 26.82 ng/ul**

**response 232906**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 158.20 | 148.30 |
| 56.00 | 114.70 | 113.44 |
| 0.00 | 0.00 | 0.00 |

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Acq On : 30 Jun 2025 18:08
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Sample : SSTD04007
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**Instrument :**
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SSTD040641

**Manual IntegrationsAPPROVED**

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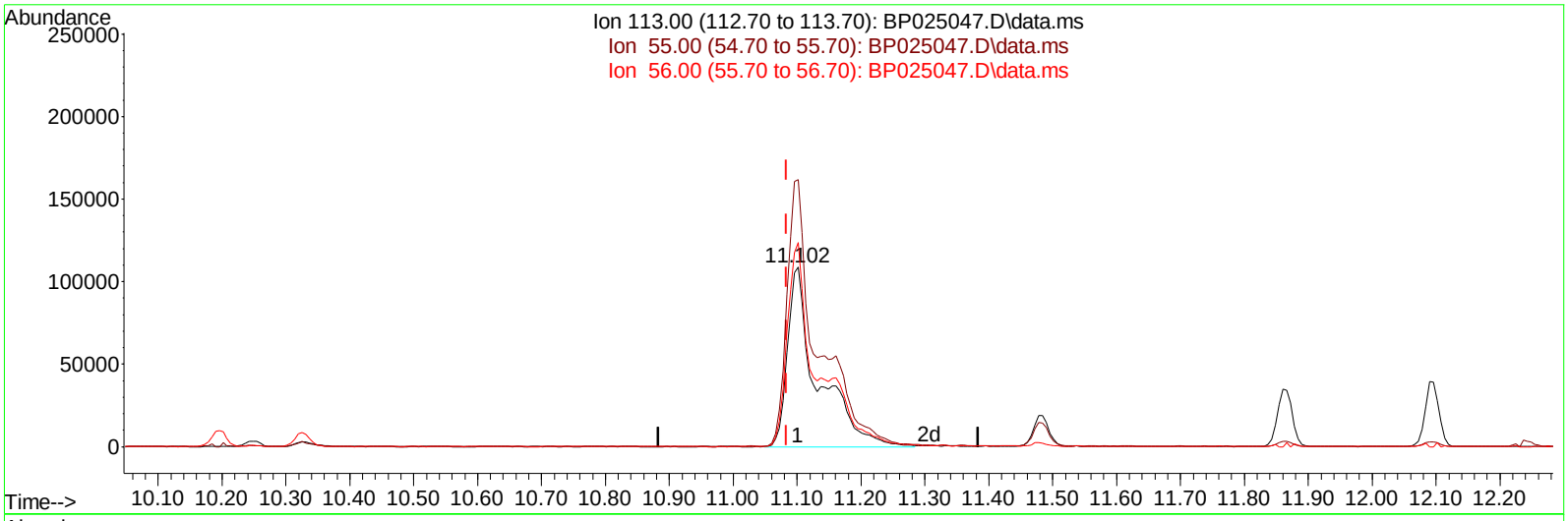


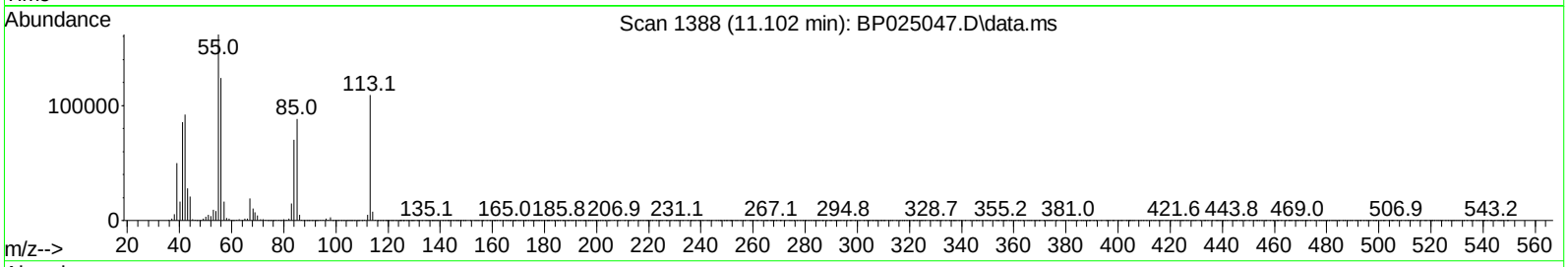


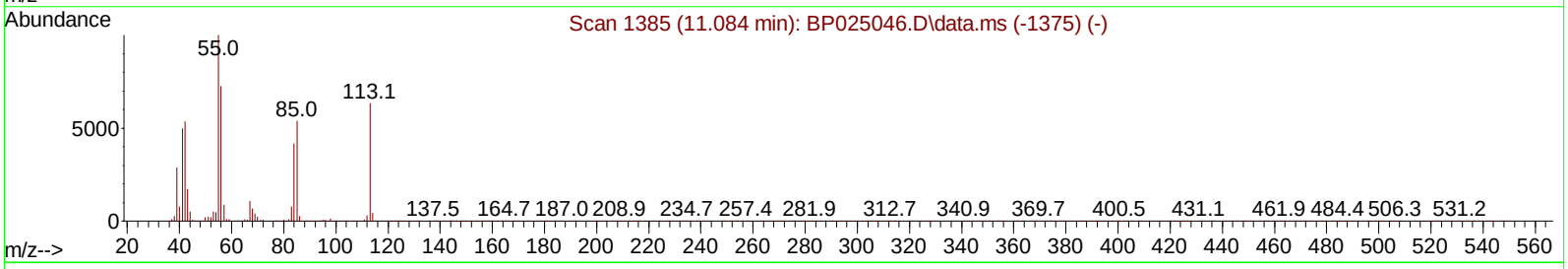


TIC: BP025047.D\data.ms

**(34) Caprolactam**

**11.102min (+ 0.018) 41.27 ng/ul m**

**response 358306**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 158.20 | 148.30 |
| 56.00 | 114.70 | 113.44 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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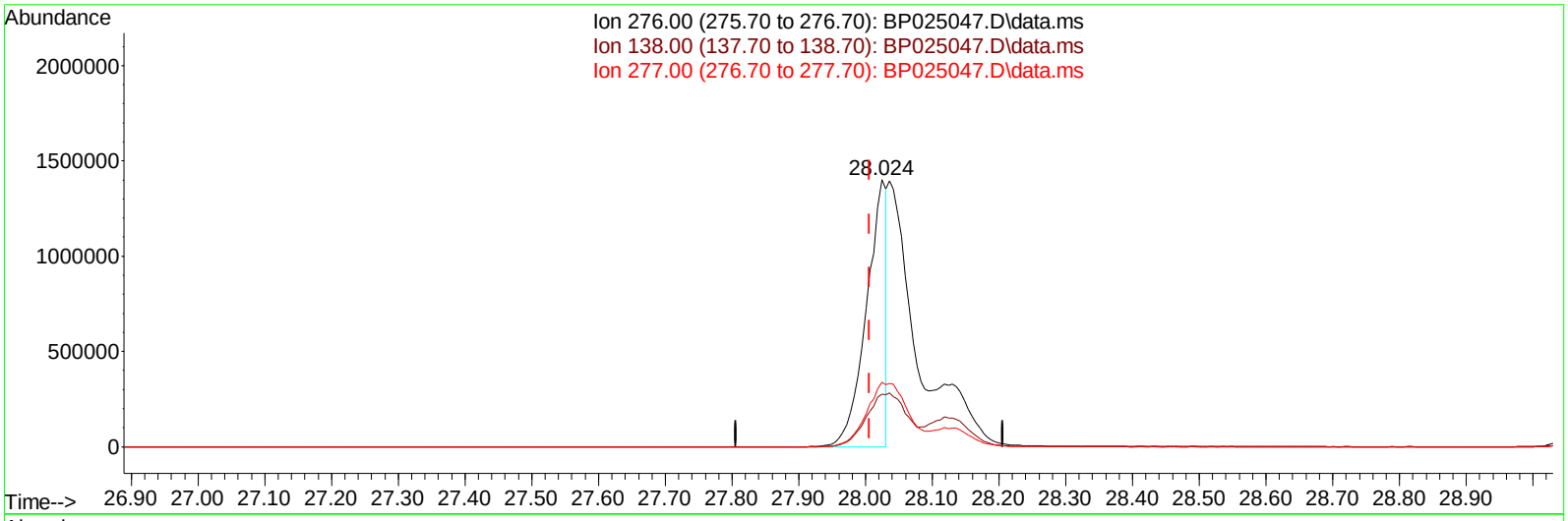


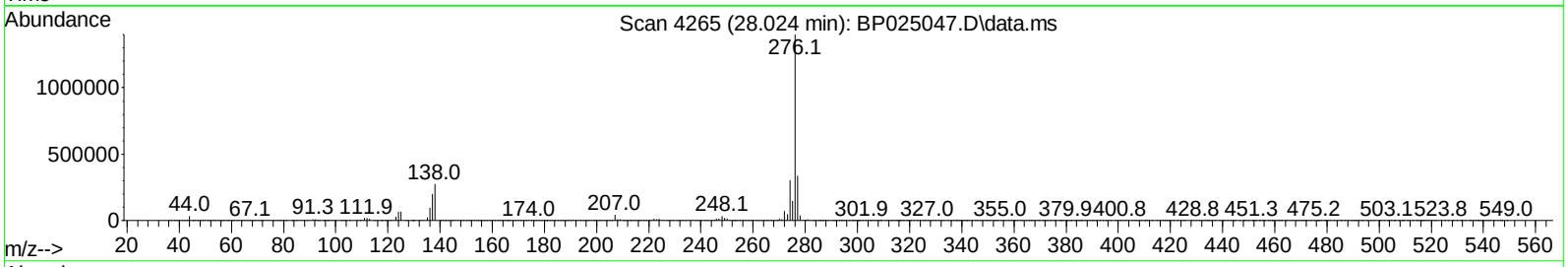


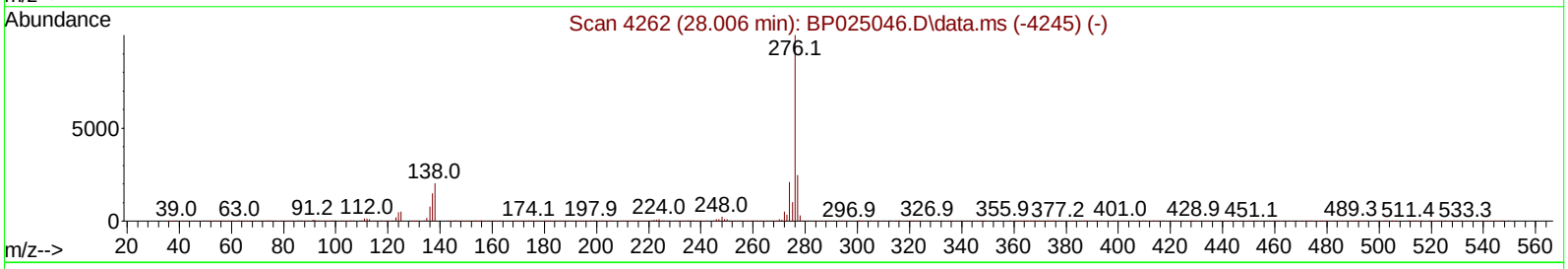


TIC: BP025047.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**28.024min (+ 0.018) 17.64 ng/ul**

**response 2925850**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.20 | 19.69 |
| 277.00 | 24.70 | 24.15 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040641

**Manual IntegrationsAPPROVED**

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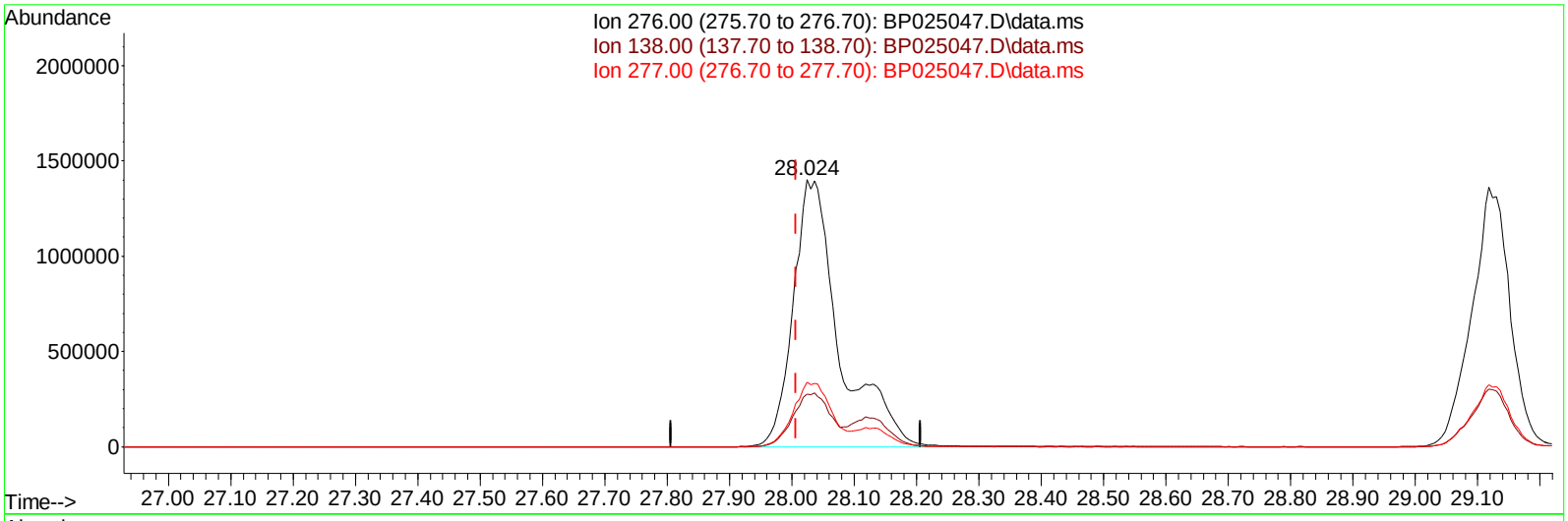


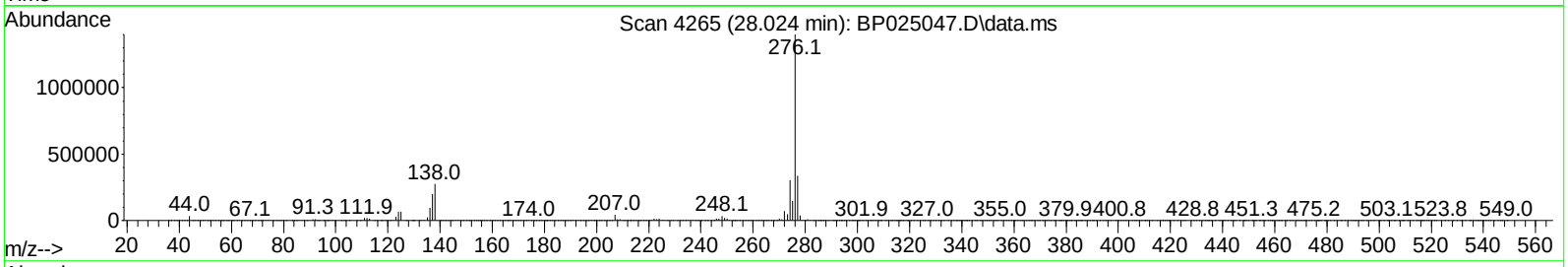


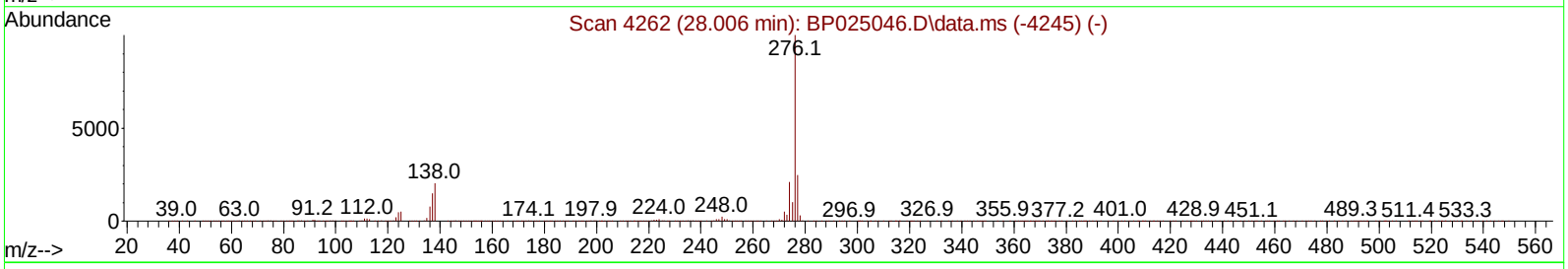


TIC: BP025047.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**28.024min (+ 0.018) 43.53 ng/ul m**

**response 7219051**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.20 | 19.69 |
| 277.00 | 24.70 | 24.15 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063025\
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Acq On : 30 Jun 2025 18:08
Operator : RC/JU
Sample : SSTD04007
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 01 11:05:14 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 10:51:11 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040641

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 07/01/2025
Supervised By :Jagrut Upadhyay 07/02/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.449 | 152 | 403641 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.196 | 136 | 1650647 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.095 | 164 | 1062695 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.907 | 188 | 2128857 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.354 | 240 | 2184107 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.501 | 264 | 2355962 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.096 | 96 | 147995 | 16.411 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.473 | 84 | 1046069 | 40.971 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.631 | 99 | 1279344 | 41.171 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.802 | 67 | 733026 | 40.980 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 6.990 | 132 | 1084353 | 43.126 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.143 | 113 | 1047787 | 41.630 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.572 | 128 | 496979 | 44.851 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.284 | 143 | 458817 | 47.502 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.819 | 165 | 1081565 | 44.066 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.325 | 131 | 1554200 | 41.121 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.519 | 166 | 3219485 | 42.173 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.778 | 160 | 3781929 | 42.306 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.307 | 143 | 604886 | 41.948 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.113 | 176 | 2725021 | 41.579 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.243 | 200 | 373091 | 40.334 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.025 | 188 | 4258165 | 41.605 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.401 | 212 | 4787168 | 42.735 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.277 | 264 | 5182177 | 43.735 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.125 | 88 | 157131 | 16.137 | ng/uL | 97 |
| 5) Pyridine | 3.490 | 79 | 1078777 | 40.780 | ng/ul | 99 |
| 6) Benzaldehyde | 6.602 | 77 | 672978 | 44.686 | ng/ul | 100 |
| 8) Phenol | 6.655 | 94 | 1313004 | 41.158 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 6.884 | 93 | 1016522 | 41.362 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.019 | 128 | 1095485 | 42.575 | ng/ul | 98 |
| 13) 2-Methylphenol | 7.878 | 108 | 1008572 | 41.521 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 7.966 | 45 | 1423534 | 41.880 | ng/ul | 99 |
| 16) Acetophenone | 8.249 | 105 | 1624665 | 41.196 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.249 | 70 | 784438 | 43.536 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.208 | 108 | 1093275 | 41.623 | ng/ul | 99 |
| 19) Hexachloroethane | 8.508 | 117 | 418028 | 42.601 | ng/ul | 99 |
| 22) Nitrobenzene | 8.613 | 77 | 1098575 | 42.795 | ng/ul | 99 |
| 23) Isophorone | 9.143 | 82 | 2290257 | 43.245 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.319 | 139 | 534457 | 47.283 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.384 | 107 | 1158502 | 42.545 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.631 | 93 | 1385614 | 42.295 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 9.843 | 162 | 1061904 | 43.313 | ng/ul | 100 |
| 30) Naphthalene | 10.249 | 128 | 3544103 | 40.914 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.349 | 127 | 1521777 | 41.017 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.549 | 225 | 676618 | 41.391 | ng/ul | 99 |
| 34) Caprolactam | 11.102 | 113 | 358306m | 41.268 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.484 | 107 | 1072921 | 43.874 | ng/ul | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 11.866 | 142 | 2587397 | 41.922 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.096 | 142 | 2542555 | 41.926 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.243 | 216 | 1307102 | 41.666 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.231 | 237 | 646382 | 42.107 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.490 | 196 | 847548 | 45.698 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.554 | 196 | 926125 | 44.882 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 12.907 | 154 | 3234729 | 41.095 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 12.937 | 162 | 2528826 | 41.317 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.148 | 65 | 566560 | 48.991 | ng/ul | 90 |
| 47) Dimethylphthalate | 13.566 | 163 | 3129876 | 41.544 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.660 | 165 | 584242 | 49.529 | ng/ul | 99 |
| 50) Acenaphthylene | 13.807 | 152 | 4221694 | 41.655 | ng/ul | 100 |
| 51) 3-Nitroaniline | 13.990 | 138 | 594294 | 43.068 | ng/ul | 97 |
| 52) Acenaphthene | 14.160 | 153 | 2704936 | 41.322 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.207 | 184 | 228919 | 38.896 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.319 | 109 | 423724 | 41.446 | ng/ul | 98 |
| 56) Dibenzofuran | 14.501 | 168 | 3785811 | 40.816 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.466 | 165 | 849317 | 48.769 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.737 | 232 | 740529 | 44.408 | ng/ul | 98 |
| 59) Diethylphthalate | 14.972 | 149 | 3173529 | 43.124 | ng/ul | 99 |
| 61) Fluorene | 15.166 | 166 | 3070278 | 40.944 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.178 | 204 | 1515827 | 40.949 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.184 | 138 | 601276 | 44.199 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.254 | 198 | 413097 | 41.029 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.395 | 169 | 2620770 | 41.580 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.095 | 248 | 948977 | 42.499 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.195 | 284 | 1156845 | 41.301 | ng/ul | 95 |
| 70) Atrazine | 16.395 | 200 | 974194 | 42.066 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.554 | 266 | 711469 | 42.021 | ng/ul | 99 |
| 72) Phenanthrene | 16.954 | 178 | 4819018 | 40.664 | ng/ul | 100 |
| 74) Anthracene | 17.066 | 178 | 4904410 | 41.297 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 12.866 | 216 | 1335318 | 41.935 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.425 | 250 | 1340247 | 41.613 | ng/uL | 100 |
| 77) Carbazole | 17.331 | 167 | 4486960 | 42.144 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 17.972 | 149 | 5330333 | 45.390 | ng/ul | 100 |
| 80) Fluoranthene | 19.060 | 202 | 5611372 | 43.125 | ng/ul | 99 |
| 82) Pyrene | 19.436 | 202 | 5782836 | 41.870 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.442 | 149 | 2082340 | 51.913 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.260 | 252 | 1786319 | 44.752 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.336 | 228 | 5909301 | 42.074 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.342 | 149 | 3310820 | 49.178 | ng/ul | 100 |
| 87) Chrysene | 21.395 | 228 | 5394218 | 41.199 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.566 | 149 | 5504859 | 47.184 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.507 | 252 | 5937506 | 42.766 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.577 | 252 | 5903757 | 42.634 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.348 | 252 | 5608839 | 42.897 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.024 | 276 | 7219051m | 43.531 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.130 | 278 | 5843258 | 43.836 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.118 | 276 | 5819071 | 42.685 | ng/ul | 99 |

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

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