Quantitation Report (Qedit)

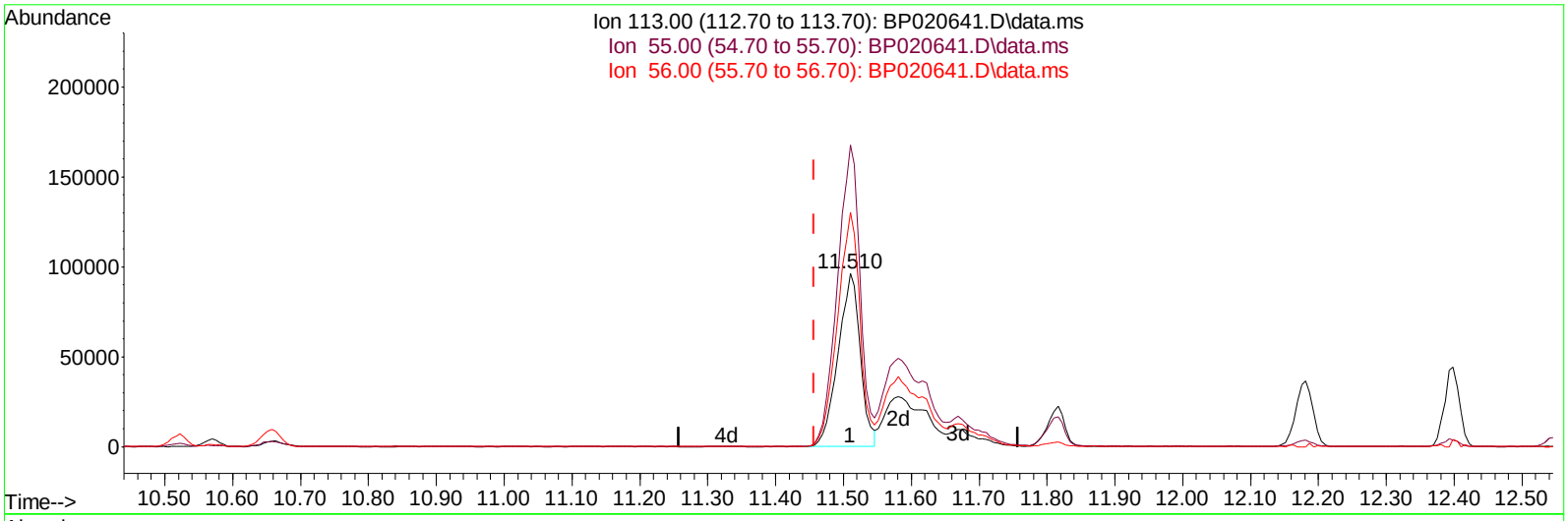
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062524\
Data File : BP020641.D
Acq On : 25 Jun 2024 16:58
Operator : MA/JU
Sample : SSTD08017
Misc :
ALS Vial : 6 Sample Multiplier: 1

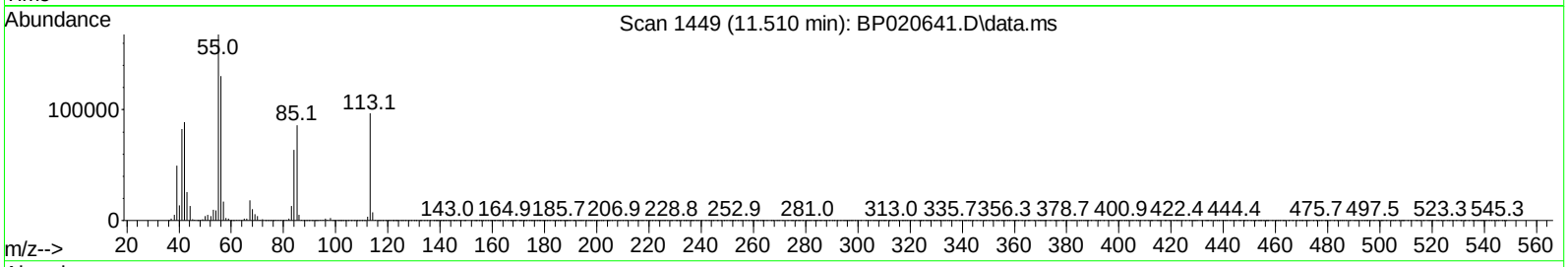
Quant Time: Jun 25 17:36:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 17:18:51 2024
Response via : Initial Calibration

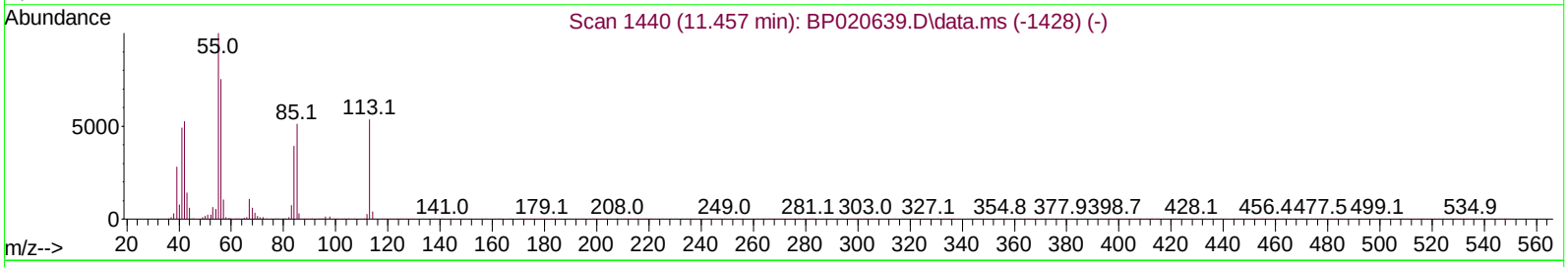
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080641

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024




TIC: BP020641.D\data.ms

**(34) Caprolactam**

**11.510min (+ 0.053) 48.36 ng/ul**

**response 219069**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 187.50 | 173.89 |
| 56.00 | 140.50 | 134.81 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080641

**Manual IntegrationsAPPROVED**

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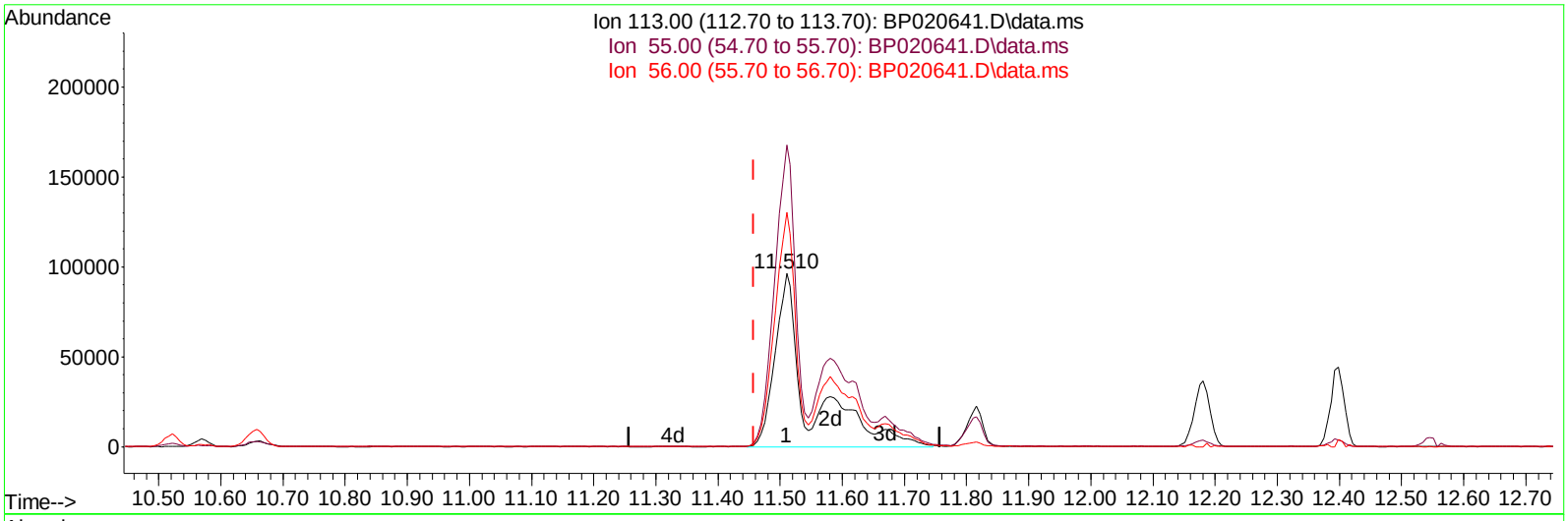


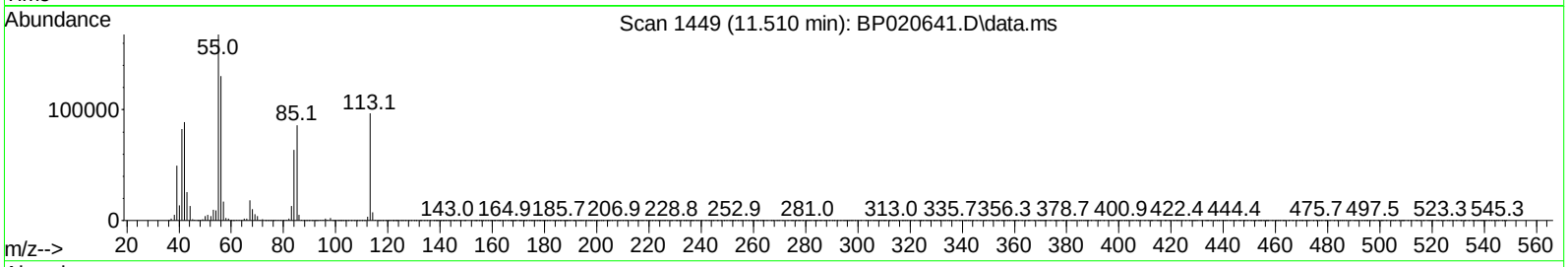


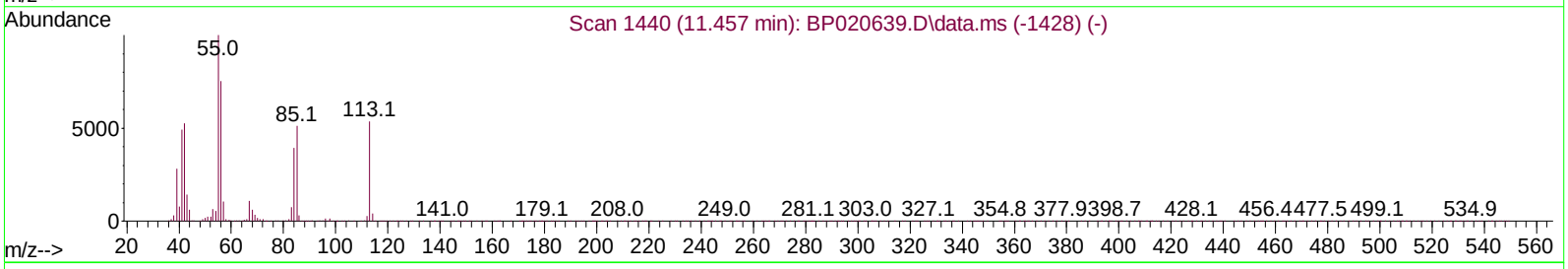


TIC: BP020641.D\data.ms

**(34) Caprolactam**

**11.510min (+ 0.053) 80.25 ng/ul m**

**response 363514**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 187.50 | 173.89 |
| 56.00 | 140.50 | 134.81 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**ClientSampleId :**
SSTD080641

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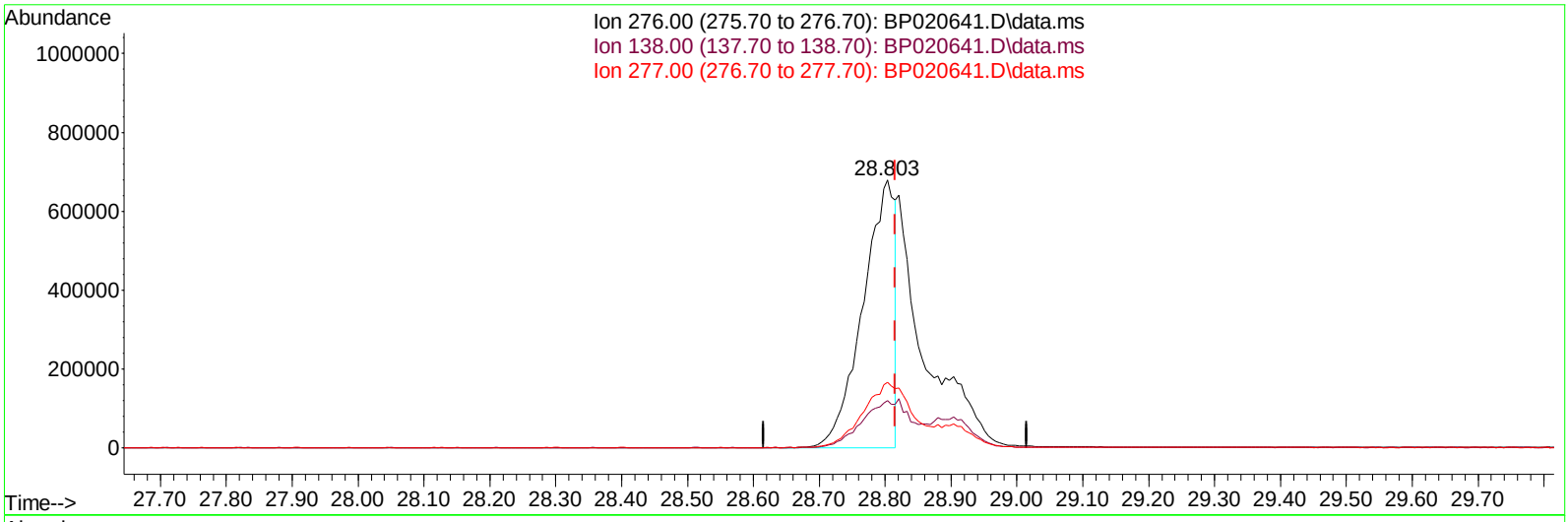


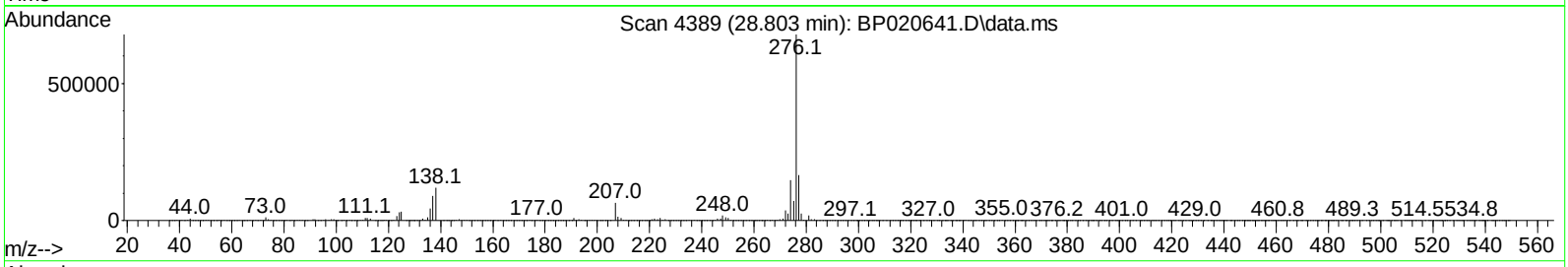


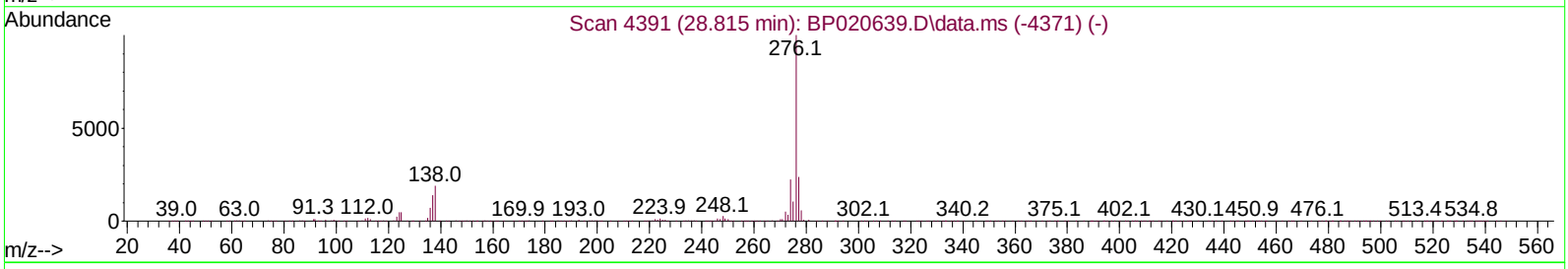


TIC: BP020641.D\data.ms

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

**28.803min (-0.012) 45.68 ng/ul**

**response 2294369**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00 | 17.55 |
| 277.00 | 23.70 | 24.49 |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Tue Jun 25 17:18:51 2024
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**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080641

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/27/2024
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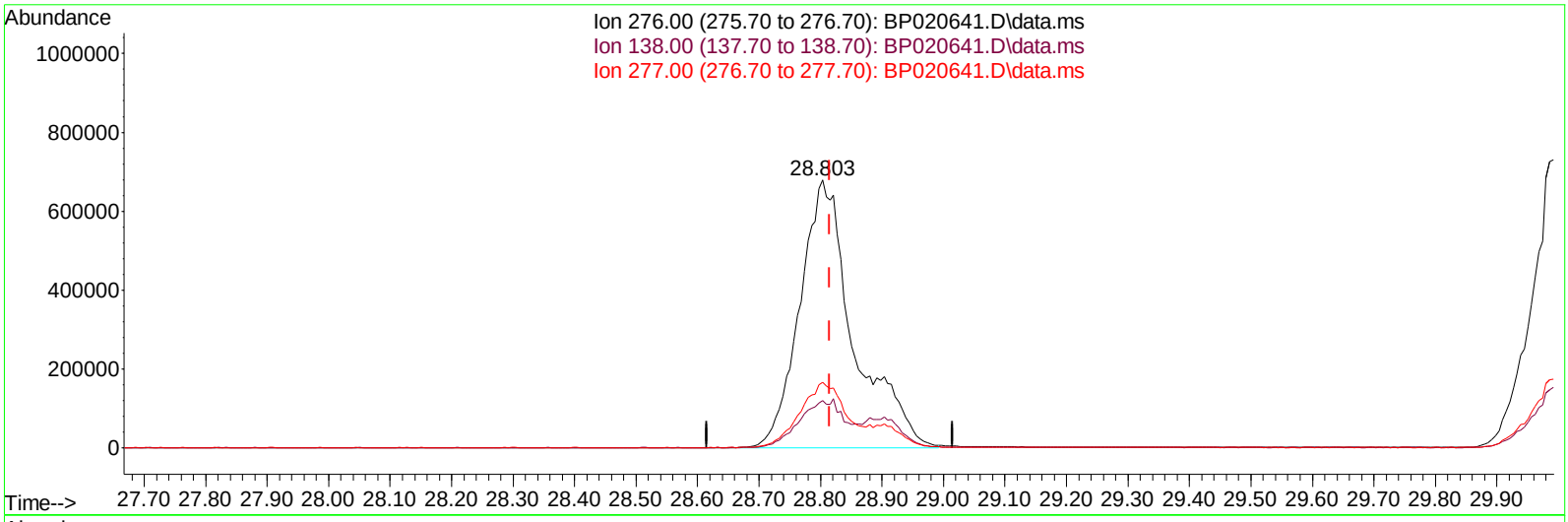


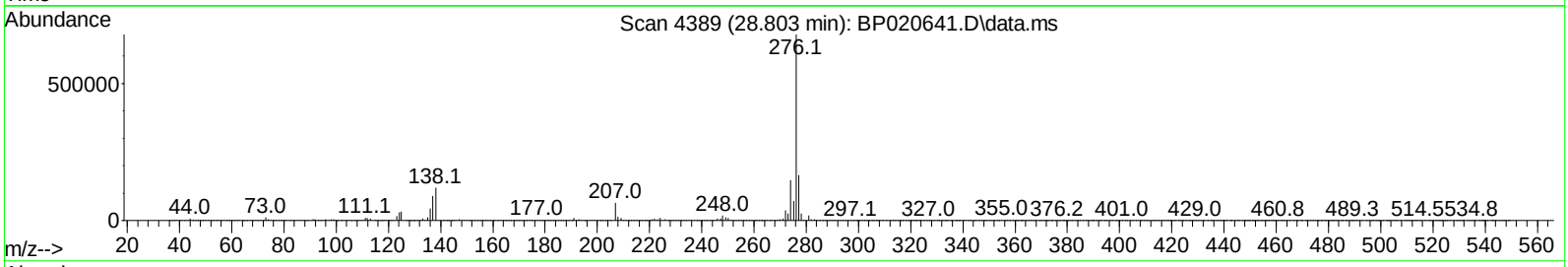


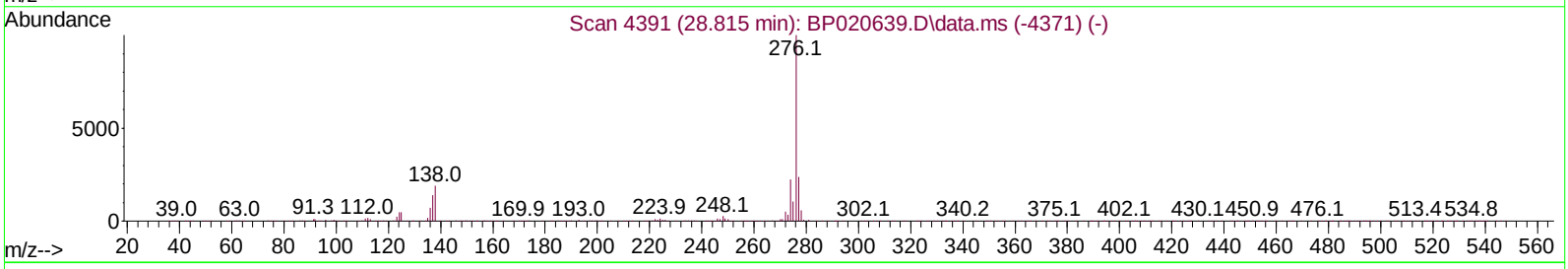


TIC: BP020641.D\data.ms

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

**28.803min (-0.012) 82.25 ng/ul m**

**response 4130997**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00 | 17.55 |
| 277.00 | 23.70 | 24.49 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Sample : SSTD08017
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 17:18:51 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080641

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.746 | 152 | 213325 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.522 | 136 | 895937 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.375 | 164 | 584051 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.186 | 188 | 1159967 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.651 | 240 | 718276 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.992 | 264 | 709200 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 149419 | 29.511 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.687 | 84 | 1129928 | 76.181 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.934 | 99 | 1428079 | 77.984 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.093 | 67 | 873554 | 77.975 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.293 | 132 | 1153322 | 86.201 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.457 | 113 | 1164807 | 78.858 | ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 8.905 | 128 | 566113 | 84.206 | ng/ul | 0.01 |
| 24) 2-Nitrophenol-d4 | 9.610 | 143 | 608979 | 81.574 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.146 | 165 | 1129607 | 81.192 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.657 | 131 | 1554455 | 79.730 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.793 | 166 | 3196198 | 75.696 | ng/ul | 0.01 |
| 49) Acenaphthylene-d8 | 14.069 | 160 | 3716247 | 78.345 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.604 | 143 | 549087 | 85.904 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.387 | 176 | 2612997 | 74.118 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 200 | 517498 | 74.357 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.286 | 188 | 3936685 | 77.834 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.675 | 212 | 3944975 | 92.793 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.768 | 264 | 2736986 | 79.831 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.311 | 88 | 164200 | 28.433 | ng/uL | 98 |
| 5) Pyridine | 3.705 | 79 | 1162670 | 77.402 | ng/ul | 98 |
| 6) Benzaldehyde | 6.911 | 77 | 615518 | 65.475 | ng/ul | 99 |
| 8) Phenol | 6.963 | 94 | 1450517 | 77.038 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.187 | 93 | 1163894 | 78.212 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.322 | 128 | 1138968 | 82.212 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.187 | 108 | 1108917 | 78.757 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.275 | 45 | 1750150 | 90.558 | ng/ul | 99 |
| 16) Acetophenone | 8.575 | 105 | 1784010 | 73.056 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.569 | 70 | 922940 | 70.559 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.522 | 108 | 1180112 | 77.369 | ng/ul | 99 |
| 19) Hexachloroethane | 8.810 | 117 | 487795 | 77.759 | ng/ul | 96 |
| 22) Nitrobenzene | 8.946 | 77 | 1388087 | 73.942 | ng/ul | 100 |
| 23) Isophorone | 9.481 | 82 | 2659244 | 73.386 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.646 | 139 | 644886 | 82.981 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.704 | 107 | 1327418 | 77.449 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 9.934 | 93 | 1560688 | 76.493 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.175 | 162 | 1085633 | 80.154 | ng/ul | 99 |
| 30) Naphthalene | 10.569 | 128 | 3604091 | 77.562 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.681 | 127 | 1486590 | 78.312 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.846 | 225 | 787555 | 74.736 | ng/ul | 98 |
| 34) Caprolactam | 11.510 | 113 | 363514m | 80.248 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.816 | 107 | 1253039 | 76.429 | ng/ul | 98 |

Quantitation Report (QT Reviewed)

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/27/2024
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.181 | 142 | 2484567 | 77.418 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.398 | 142 | 2488897 | 76.747 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.551 | 216 | 1419949 | 77.082 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.522 | 237 | 962353 | 92.504 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.793 | 196 | 914622 | 80.488 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.869 | 196 | 979040 | 80.742 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.198 | 154 | 3176168 | 75.849 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.245 | 162 | 2569816 | 77.363 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.457 | 65 | 798683 | 77.467 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.834 | 163 | 3248106 | 76.554 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.957 | 165 | 688139 | 83.233 | ng/ul | 98 |
| 50) Acenaphthylene | 14.098 | 152 | 4051339 | 75.751 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.287 | 138 | 571846 | 73.758 | ng/ul | 96 |
| 52) Acenaphthene | 14.445 | 153 | 2689086 | 75.174 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.510 | 184 | 366798 | 74.284 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.622 | 109 | 488035 | 76.039 | ng/ul | 98 |
| 56) Dibenzofuran | 14.781 | 168 | 3647839 | 74.709 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.763 | 165 | 942845 | 80.328 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.010 | 232 | 815169 | 76.808 | ng/ul | 98 |
| 59) Diethylphthalate | 15.234 | 149 | 3264102 | 77.329 | ng/ul | 99 |
| 61) Fluorene | 15.445 | 166 | 2860619 | 71.051 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.439 | 204 | 1523696 | 71.520 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.475 | 138 | 535351 | 82.167 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.539 | 198 | 551730 | 75.529 | ng/ul# | 92 |
| 67) N-Nitrosodiphenylamine | 15.669 | 169 | 2520119 | 76.439 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.363 | 248 | 1027591 | 80.921 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.463 | 284 | 1137046 | 77.934 | ng/ul | 96 |
| 70) Atrazine | 16.657 | 200 | 976422 | 84.663 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.828 | 266 | 703533 | 81.972 | ng/ul | 98 |
| 72) Phenanthrene | 17.233 | 178 | 4411623 | 74.197 | ng/ul | 100 |
| 74) Anthracene | 17.328 | 178 | 4568396 | 75.663 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.157 | 216 | 1389134 | 77.782 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.692 | 250 | 1350961 | 76.816 | ng/uL | 99 |
| 77) Carbazole | 17.616 | 167 | 3905386 | 76.031 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.204 | 149 | 5258402 | 83.968 | ng/ul | 99 |
| 80) Fluoranthene | 19.322 | 202 | 4816064 | 95.639 | ng/ul | 99 |
| 82) Pyrene | 19.704 | 202 | 4743401 | 90.609 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.657 | 149 | 1878198 | 95.969 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.551 | 252 | 1207604 | 81.875 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.627 | 228 | 3883708 | 79.715 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.563 | 149 | 2613917 | 91.159 | ng/ul | 100 |
| 87) Chrysene | 21.698 | 228 | 3578039 | 78.849 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.857 | 149 | 3997360 | 87.316 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.939 | 252 | 3341298 | 79.153 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.004 | 252 | 3402894 | 79.638 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.845 | 252 | 3170748 | 79.042 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.803 | 276 | 4130997m | 82.252 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.903 | 278 | 3365474 | 80.766 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 29.992 | 276 | 3384065 | 83.048 | ng/ul | 99 |

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

**Instrument :**
BNA_P
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