Quantitation Report (Qedit)

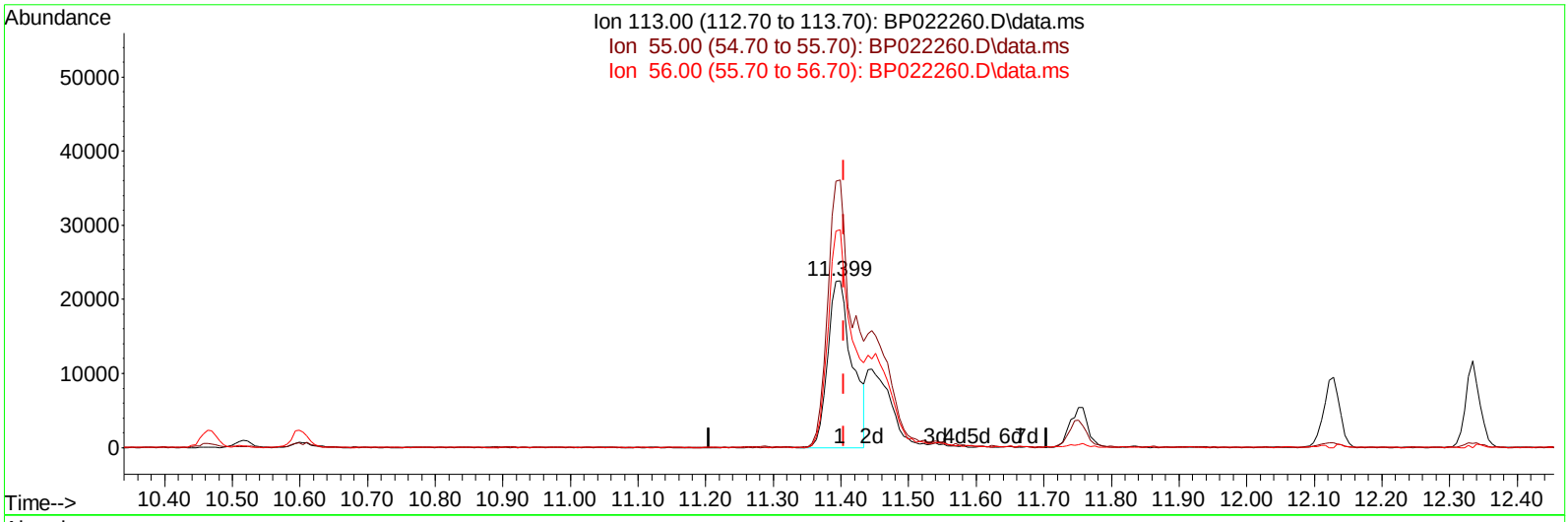
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100724\
Data File : BP022260.D
Acq On : 07 Oct 2024 18:44
Operator : RC/JU
Sample : SSTD04046
Misc :
ALS Vial : 5 Sample Multiplier: 1

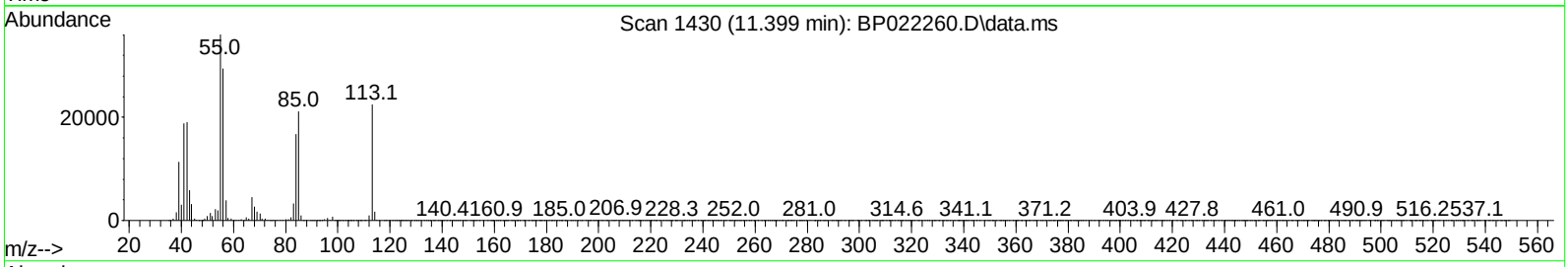
Quant Time: Oct 08 01:06:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 00:58:42 2024
Response via : Initial Calibration

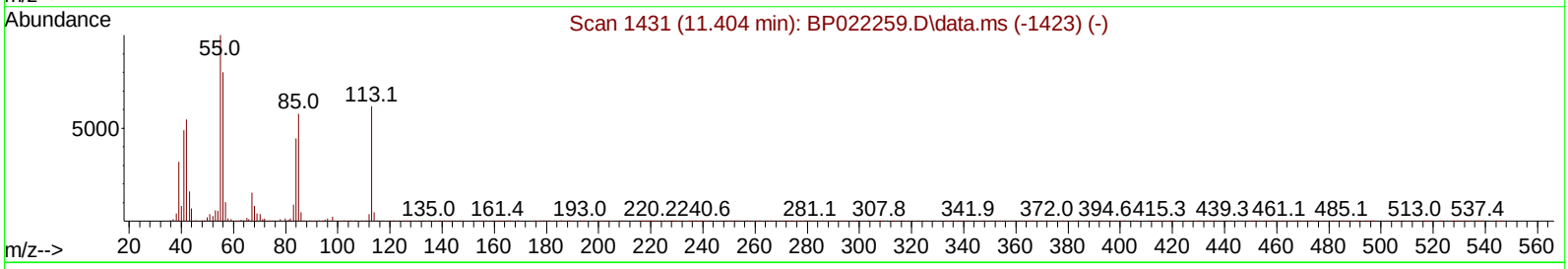
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040624

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024




TIC: BP022260.D\data.ms

**(34) Caprolactam**

**11.399min (-0.006) 31.59 ng/ul**

**response 56686**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 162.70 | 160.29 |
| 56.00 | 130.00 | 130.71 |
| 0.00 | 0.00 | 0.00 |

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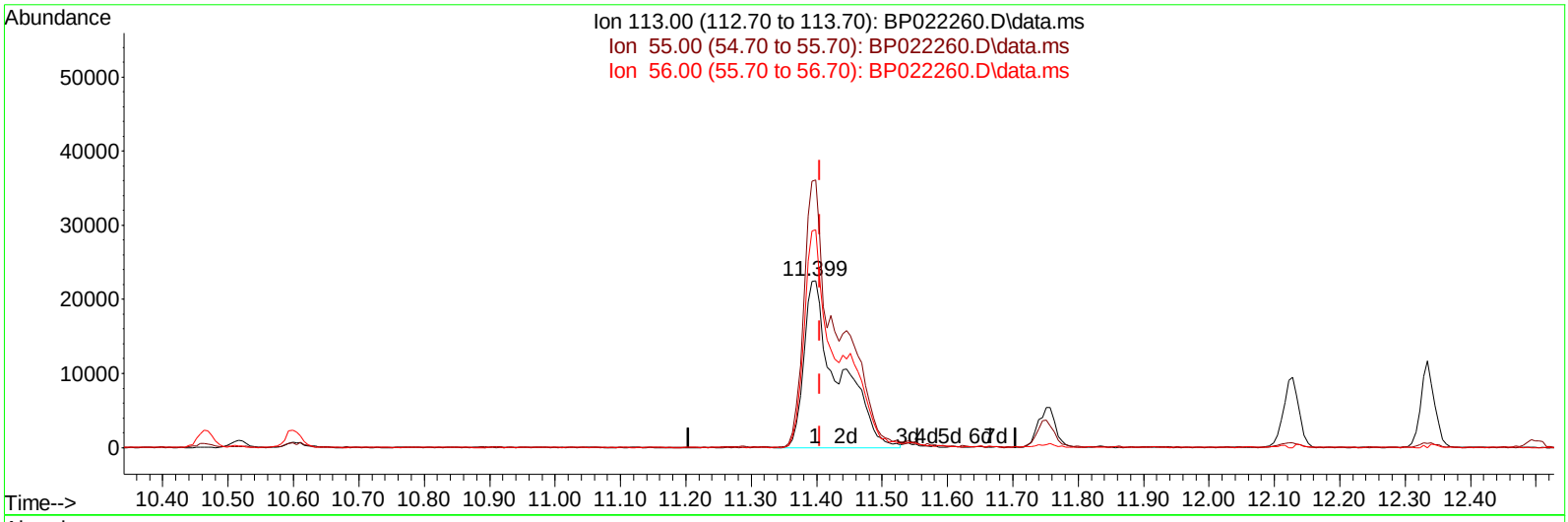
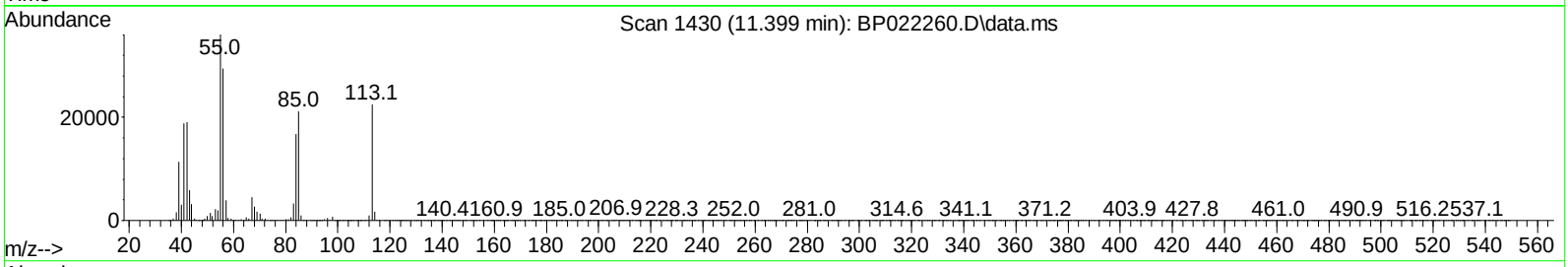
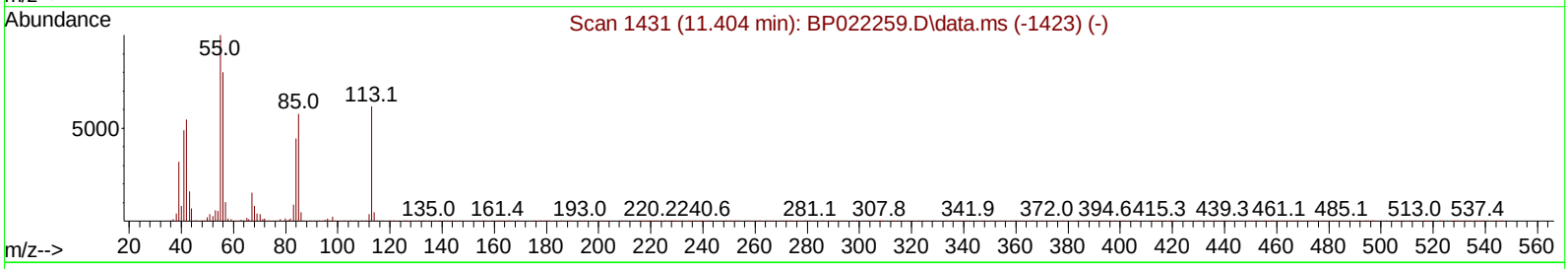
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040624

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024




TIC: BP022260.D\data.ms

**(34) Caprolactam**

**11.399min (-0.006) 46.26 ng/ul m**

**response 83009**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 162.70 | 160.29 |
| 56.00 | 130.00 | 130.71 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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ALS Vial : 5 Sample Multiplier: 1

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QLast Update : Tue Oct 08 00:58:42 2024
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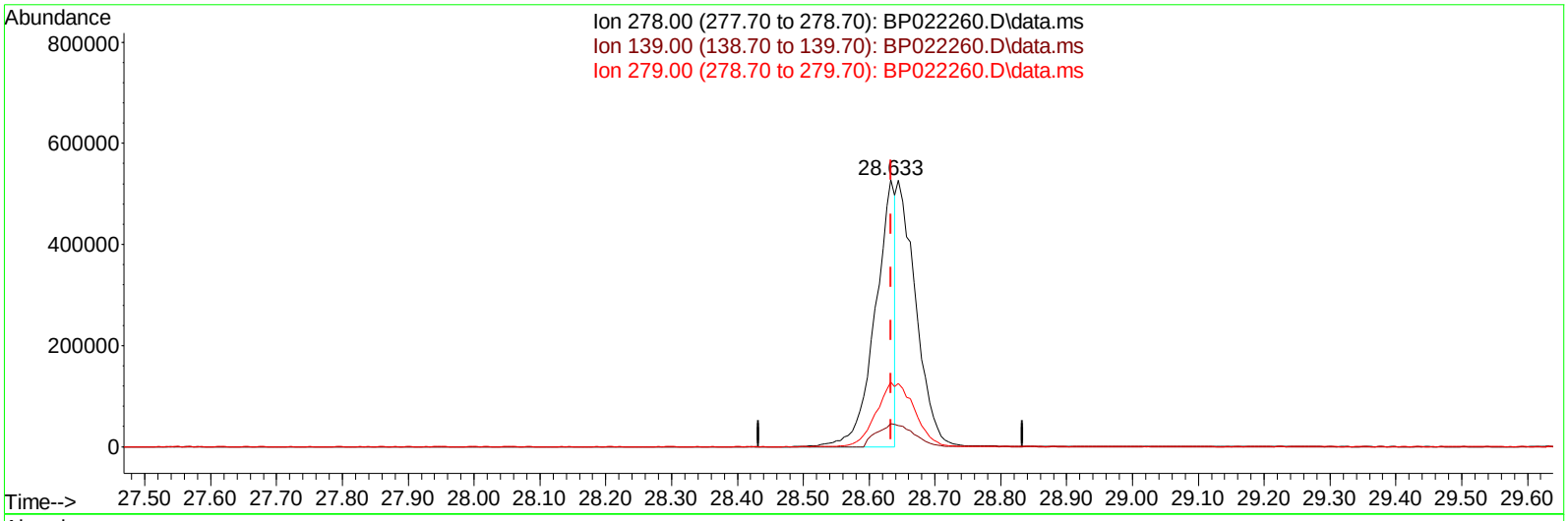
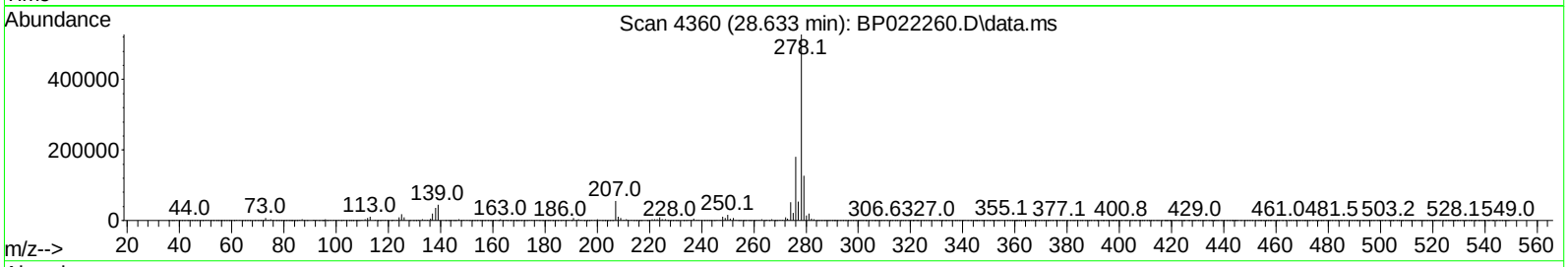
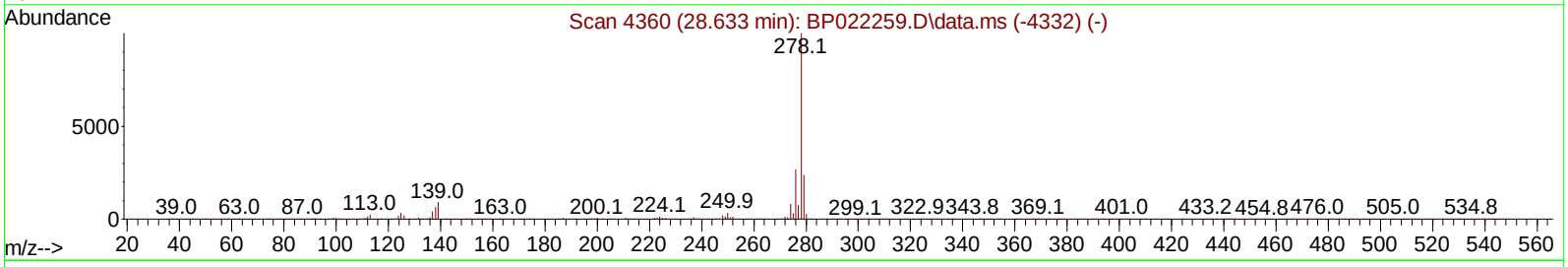
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040624

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024




TIC: BP022260.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.633min (-0.000) 21.19 ng/ul**

**response 1124104**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 9.10 | 8.52 |
| 279.00 | 23.70 | 24.25 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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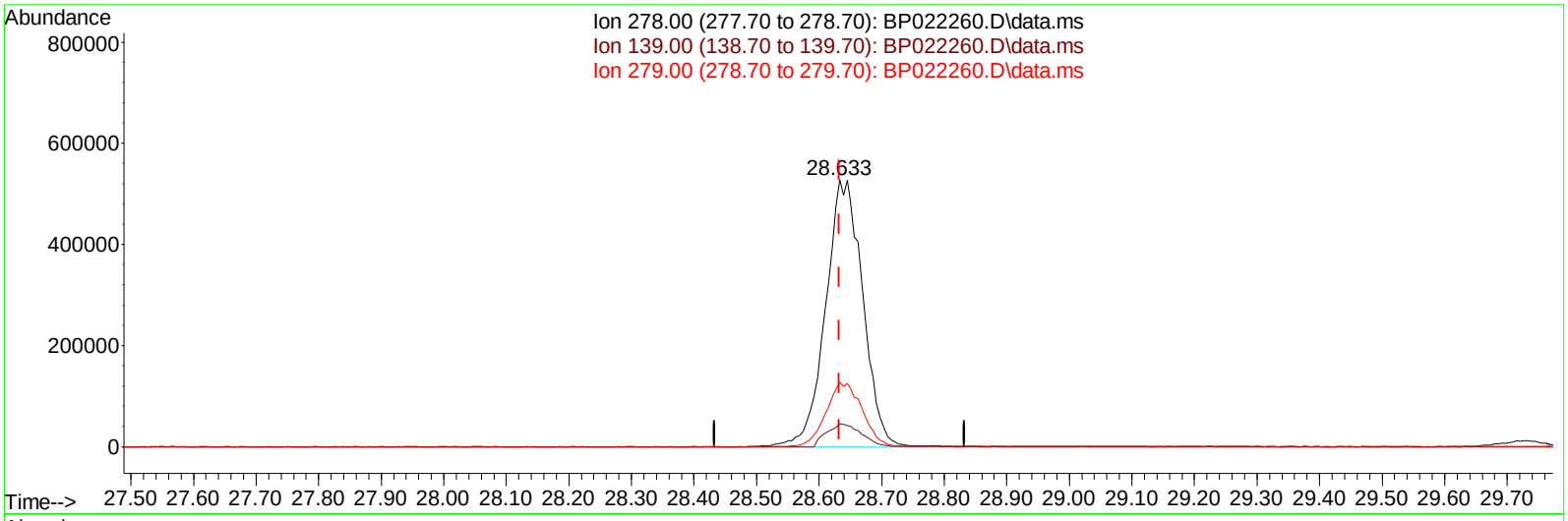
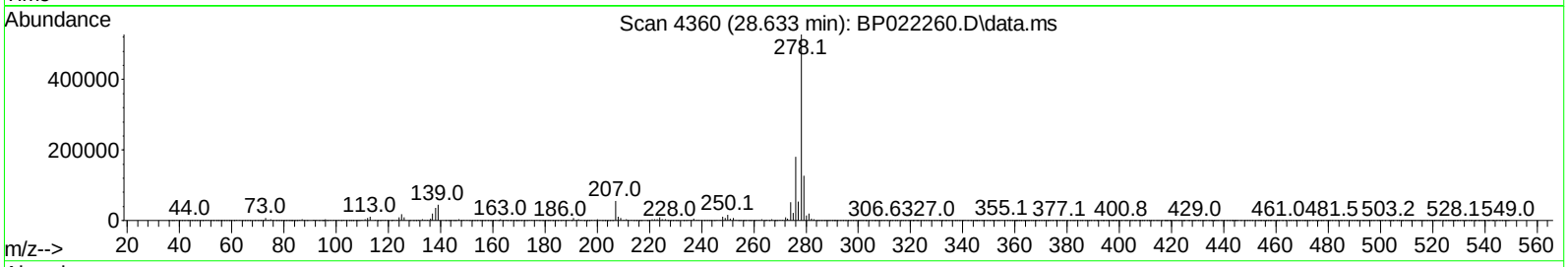
QLast Update : Tue Oct 08 00:58:42 2024
Response via : Initial Calibration

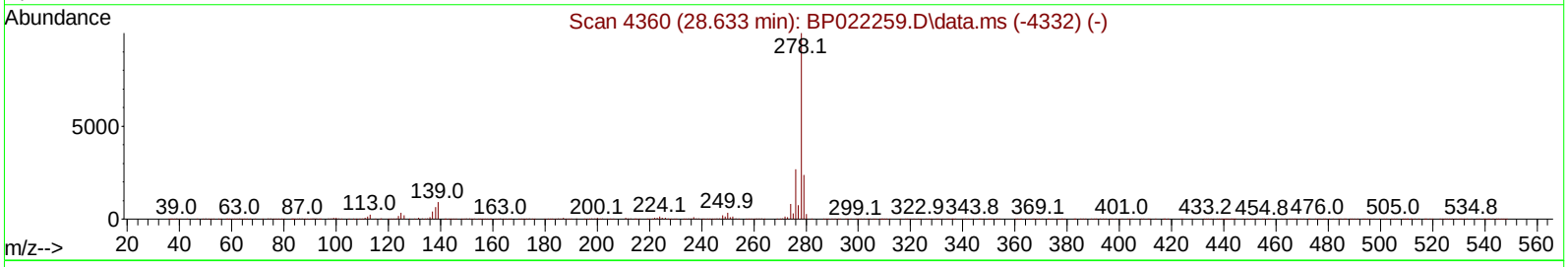
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040624

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024




TIC: BP022260.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.633min (-0.000) 40.92 ng/ul m**

**response 2171048**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 9.10 | 8.52 |
| 279.00 | 23.70 | 24.25 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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

Quant Time: Oct 08 02:01:08 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 00:58:42 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040624

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.705 | 152 | 82115 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.469 | 136 | 323075 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.322 | 164 | 266118 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.116 | 188 | 665418 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.551 | 240 | 735793 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.839 | 264 | 882976 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.222 | 96 | 34669 | 16.538 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.634 | 84 | 241114 | 40.237 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.887 | 99 | 278284 | 41.429 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.040 | 67 | 162945 | 39.396 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.246 | 132 | 202039 | 41.573 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.399 | 113 | 227451 | 42.733 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.846 | 128 | 104090 | 43.046 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.563 | 143 | 122862 | 44.811 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.093 | 165 | 256679 | 43.109 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.599 | 131 | 298704 | 42.046 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.722 | 166 | 855964 | 41.610 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.004 | 160 | 928600 | 42.636 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.528 | 143 | 146755 | 41.707 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.328 | 176 | 745914 | 40.992 | ng/ul | 0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.451 | 200 | 177841 | 43.048 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.216 | 188 | 1246731 | 40.134 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.586 | 212 | 1620516 | 42.511 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.615 | 264 | 1945306 | 41.887 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.258 | 88 | 37520 | 16.522 | ng/uL | 98 |
| 5) Pyridine | 3.652 | 79 | 244883 | 40.223 | ng/ul | 96 |
| 6) Benzaldehyde | 6.858 | 77 | 180712 | 47.558 | ng/ul | 99 |
| 8) Phenol | 6.916 | 94 | 290879 | 41.496 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.134 | 93 | 218527 | 40.730 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.275 | 128 | 208611 | 41.406 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.140 | 108 | 212300 | 41.759 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.216 | 45 | 254507 | 51.135 | ng/ul | 99 |
| 16) Acetophenone | 8.510 | 105 | 372913 | 42.120 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.499 | 70 | 194472 | 42.370 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.463 | 108 | 238618 | 43.040 | ng/ul | 96 |
| 19) Hexachloroethane | 8.763 | 117 | 94411 | 39.697 | ng/ul | 97 |
| 22) Nitrobenzene | 8.887 | 77 | 298084 | 40.320 | ng/ul | 99 |
| 23) Isophorone | 9.410 | 82 | 550189 | 42.964 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.593 | 139 | 132894 | 45.301 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.652 | 107 | 272781 | 41.047 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.881 | 93 | 305887 | 41.439 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.122 | 162 | 252666 | 42.712 | ng/ul | 99 |
| 30) Naphthalene | 10.516 | 128 | 695351 | 40.904 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.622 | 127 | 293861 | 41.765 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.799 | 225 | 200334 | 38.144 | ng/ul | 99 |
| 34) Caprolactam | 11.399 | 113 | 83009m | 46.259 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.751 | 107 | 288706 | 45.112 | ng/ul | 100 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/09/2024
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| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.128 | 142 | 537328 | 42.533 ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.334 | 142 | 546420 | 42.887 ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.498 | 216 | 388142 | 39.340 ng/ul | 94 |
| 40) Hexachlorocyclopentadiene | 12.475 | 237 | 237269 | 38.231 ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.740 | 196 | 251076 | 42.568 ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.810 | 196 | 273159 | 42.767 ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.145 | 154 | 757303 | 39.795 ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.187 | 162 | 621252 | 40.546 ng/ul | 98 |
| 45) 2-Nitroaniline | 13.393 | 65 | 199277 | 44.979 ng/ul | 97 |
| 47) Dimethylphthalate | 13.769 | 163 | 838510 | 40.583 ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.898 | 165 | 170789 | 43.118 ng/ul | 97 |
| 50) Acenaphthylene | 14.034 | 152 | 949505 | 41.805 ng/ul | 100 |
| 51) 3-Nitroaniline | 14.228 | 138 | 160391 | 44.476 ng/ul | 99 |
| 52) Acenaphthene | 14.387 | 153 | 652823 | 39.558 ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.428 | 184 | 119899 | 44.488 ng/ul | 96 |
| 55) 4-Nitrophenol | 14.551 | 109 | 162215 | 40.749 ng/ul | 99 |
| 56) Dibenzofuran | 14.728 | 168 | 986101 | 40.191 ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.692 | 165 | 265097 | 43.429 ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.957 | 232 | 258699 | 42.077 ng/ul | 97 |
| 59) Diethylphthalate | 15.145 | 149 | 822470 | 40.222 ng/ul | 98 |
| 61) Fluorene | 15.381 | 166 | 803718 | 39.390 ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.381 | 204 | 455512 | 38.776 ng/ul | 98 |
| 63) 4-Nitroaniline | 15.410 | 138 | 167414 | 45.613 ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.463 | 198 | 195064 | 43.370 ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.587 | 169 | 712536 | 40.656 ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.281 | 248 | 315218 | 39.447 ng/ul | 99 |
| 69) Hexachlorobenzene | 16.410 | 284 | 380607 | 39.227 ng/ul | 98 |
| 70) Atrazine | 16.569 | 200 | 310584 | 39.726 ng/ul | 94 |
| 71) Pentachlorophenol | 16.763 | 266 | 255802 | 39.514 ng/ul | 95 |
| 72) Phenanthrene | 17.157 | 178 | 1405901 | 40.296 ng/ul | 99 |
| 74) Anthracene | 17.251 | 178 | 1425602 | 40.153 ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.110 | 216 | 397339 | 39.792 ng/uL | 96 |
| 76) Pentachlorobenzene | 14.645 | 250 | 434670 | 39.584 ng/uL | 99 |
| 77) Carbazole | 17.539 | 167 | 1276528 | 40.794 ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.122 | 149 | 1410519 | 39.098 ng/ul | 100 |
| 80) Fluoranthene | 19.245 | 202 | 1854630 | 42.567 ng/ul | 100 |
| 82) Pyrene | 19.616 | 202 | 1973632 | 42.083 ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.575 | 149 | 695289 | 42.540 ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.445 | 252 | 743712 | 44.145 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.527 | 228 | 2090418 | 41.225 ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.469 | 149 | 975747 | 40.689 ng/ul | 100 |
| 87) Chrysene | 21.604 | 228 | 1919848 | 40.342 ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.716 | 149 | 1655376 | 37.951 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.804 | 252 | 2258578 | 41.205 ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.868 | 252 | 2205083 | 40.364 ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.686 | 252 | 2082748 | 41.237 ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.580 | 276 | 2712563 | 41.190 ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 28.633 | 278 | 2171048m | 40.924 ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.727 | 276 | 2115430 | 41.399 ng/ul | 99 |

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

**Instrument :**
BNA_P
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