Quantitation Report (Qedit)

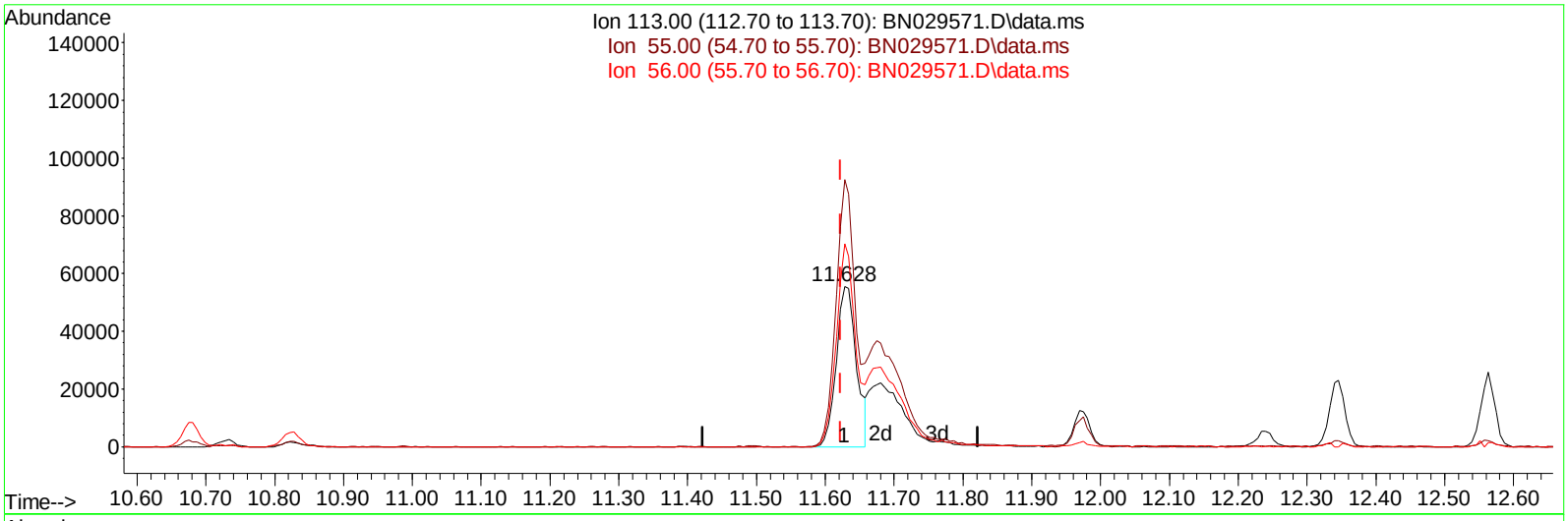
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029571.D
Acq On : 08 Feb 2024 10:34
Operator : MA/JU
Sample : PB158769BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

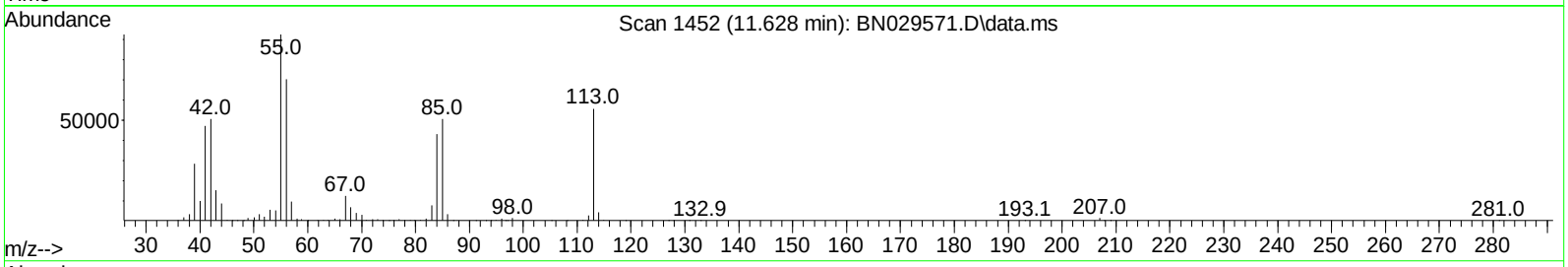
Quant Time: Feb 09 00:25:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

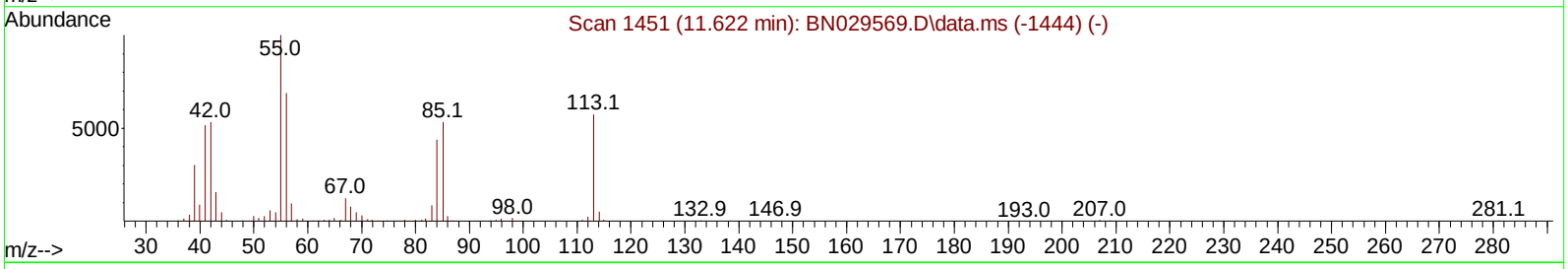
**Instrument :**
BNA_N
**ClientSampleId :**
SLCS769

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024




TIC: BN029571.D\data.ms

**(34) Caprolactam**

**11.628min (+ 0.006) 20.13 ng/ul**

**response 112248**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 156.60 | 166.36 |
| 56.00 | 129.20 | 126.52 |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

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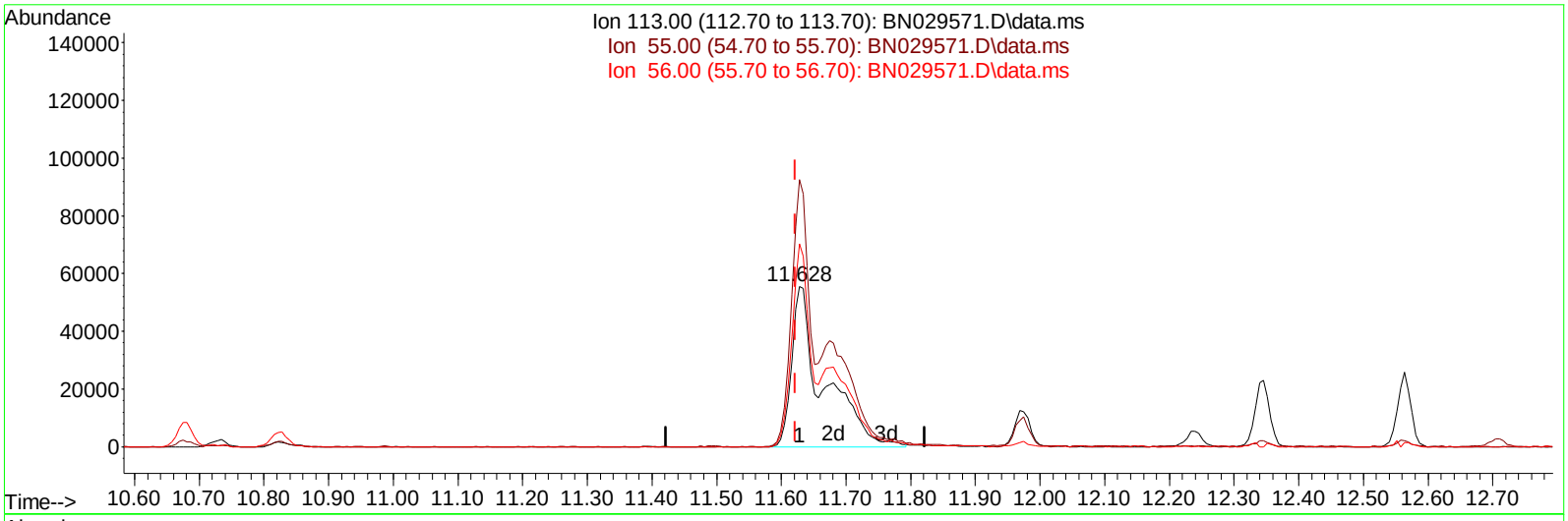
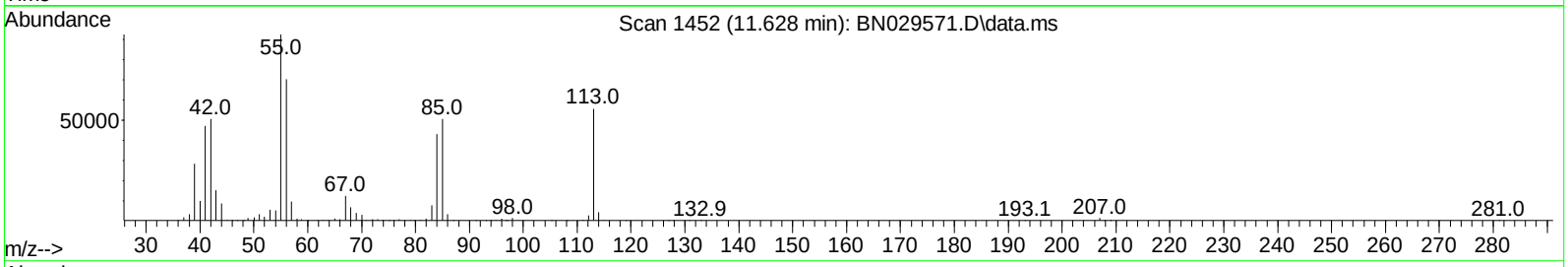
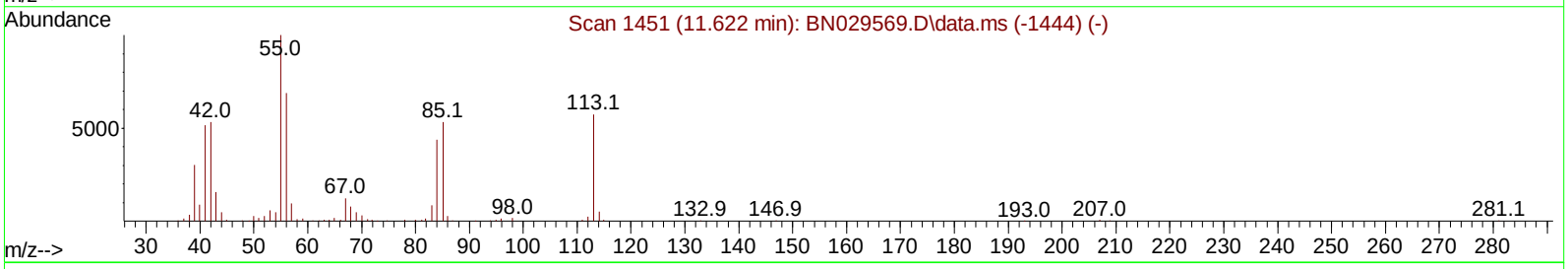
Supervised By :mohammad ahmed 02/09/2024




TIC: BN029571.D\data.ms

**(34) Caprolactam**

**11.628min (+ 0.006) 34.06 ng/ul m**

**response 189870**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 156.60 | 166.36 |
| 56.00 | 129.20 | 126.52 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 08 Feb 2024 10:34
Operator : MA/JU
Sample : PB158769BS
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
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**Instrument :**
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SLCS769

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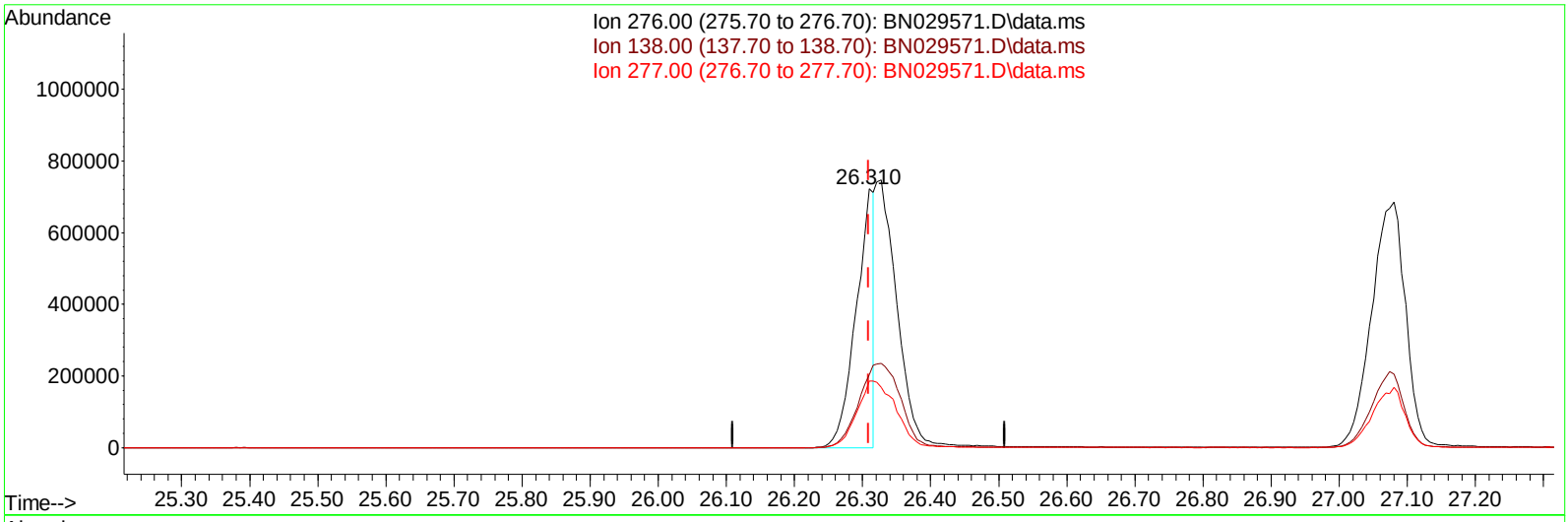


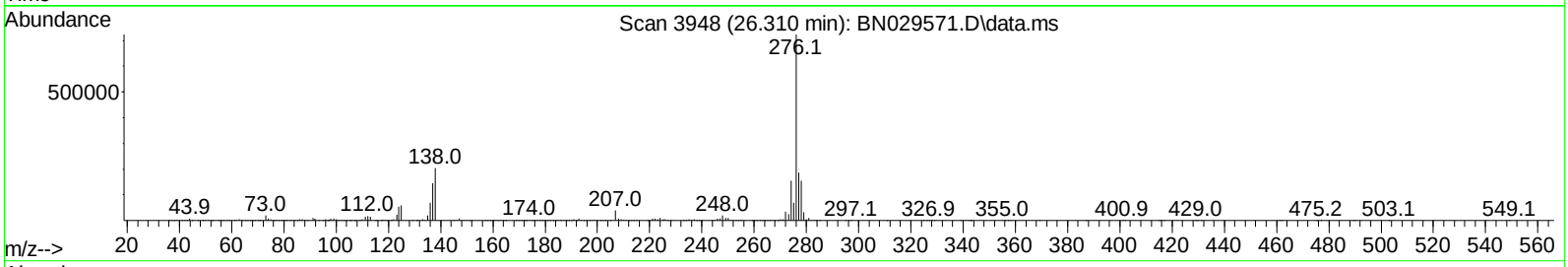


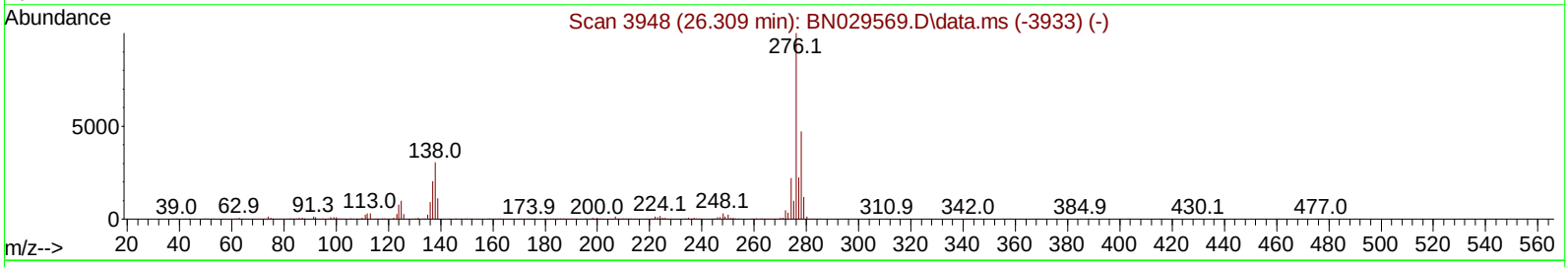


TIC: BN029571.D\data.ms

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

**26.310min (+ 0.000) 15.18 ng/ul**

**response 1329828**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 27.10 | 28.02 |
| 277.00 | 22.30 | 25.64 |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS769

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/09/2024
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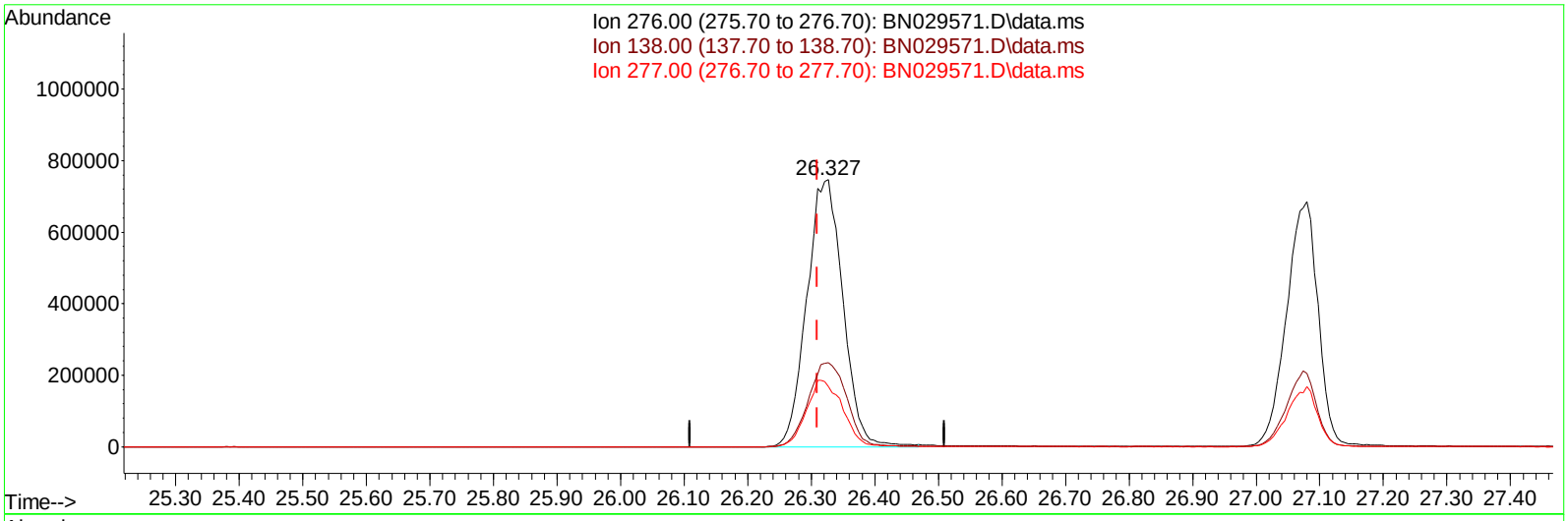


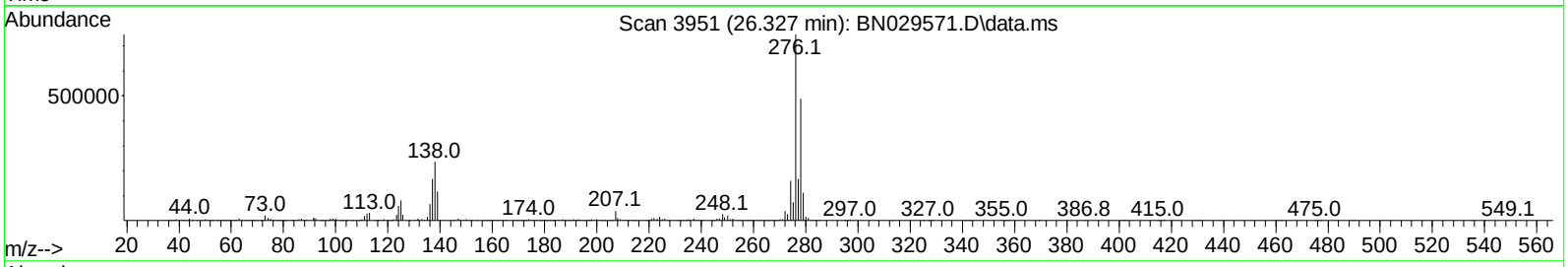


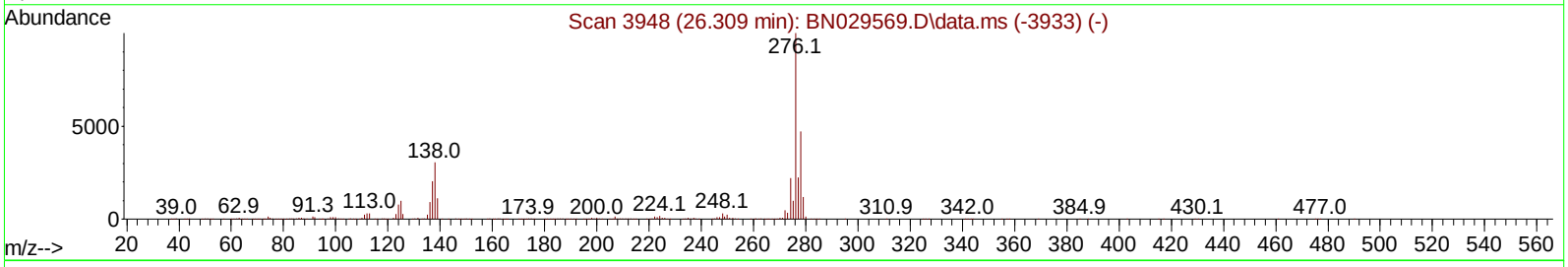


TIC: BN029571.D\data.ms

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

**26.327min (+ 0.018) 33.76 ng/ul m**

**response 2956706**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 27.10 | 31.54 |
| 277.00 | 22.30 | 22.50 |
| 0.00 | 0.00 | 0.00 |

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Data File : BN029571.D
Acq On : 08 Feb 2024 10:34
Operator : MA/JU
Sample : PB158769BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 09 00:26:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 08 00:25:29 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS769

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.875 | 152 | 299618 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.681 | 136 | 1215222 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.522 | 164 | 624629 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.275 | 188 | 1200190 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.480 | 240 | 1003157 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.857 | 264 | 1190651 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.328 | 96 | 56715 | 6.226 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.734 | 84 | 765655 | 31.518 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.046 | 99 | 858359 | 30.628 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.222 | 67 | 561594 | 30.026 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.405 | 132 | 665086 | 32.750 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.593 | 113 | 625983 | 29.951 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.046 | 128 | 309011 | 32.763 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.763 | 143 | 291738 | 35.516 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.299 | 165 | 529232 | 32.641 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.822 | 131 | 791671 | 28.621 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.951 | 166 | 1434834 | 30.854 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.216 | 160 | 1756827 | 31.811 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.734 | 143 | 286764 | 32.489 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.522 | 176 | 1217869 | 30.784 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 200 | 196609 | 33.620 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.375 | 188 | 1773066 | 31.522 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.675 | 212 | 1993695 | 33.118 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.704 | 264 | 2006834 | 33.684 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.358 | 88 | 118527 | 12.563 | ng/uL | 98 |
| 5) Pyridine | 3.752 | 79 | 797040 | 31.714 | ng/ul | 96 |
| 6) Benzaldehyde | 7.022 | 77 | 497589 | 39.609 | ng/ul | 99 |
| 8) Phenol | 7.069 | 94 | 920275 | 32.041 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.316 | 93 | 769952 | 31.880 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.440 | 128 | 713853 | 33.503 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.322 | 108 | 661971 | 31.938 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.405 | 45 | 1006540 | 31.910 | ng/ul | 99 |
| 16) Acetophenone | 8.710 | 105 | 1060379 | 31.877 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.699 | 70 | 562494 | 32.753 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.658 | 108 | 689747 | 31.493 | ng/ul | 99 |
| 19) Hexachloroethane | 8.946 | 117 | 321391 | 32.504 | ng/ul | 97 |
| 22) Nitrobenzene | 9.087 | 77 | 874435 | 32.721 | ng/ul | 99 |
| 23) Isophorone | 9.616 | 82 | 1522486 | 32.707 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.799 | 139 | 344895 | 36.768 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.857 | 107 | 669217 | 29.768 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.105 | 93 | 951837 | 32.176 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.328 | 162 | 553218 | 33.021 | ng/ul | 95 |
| 30) Naphthalene | 10.728 | 128 | 2178706 | 31.366 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.846 | 127 | 693238 | 25.388 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.004 | 225 | 335282 | 32.427 | ng/ul | 98 |
| 34) Caprolactam | 11.628 | 113 | 189870m | 34.058 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.975 | 107 | 658478 | 34.028 | ng/ul | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.346 | 142 | 1384685 | 32.520 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.563 | 142 | 1346814 | 31.905 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.710 | 216 | 593474 | 32.054 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 12.681 | 237 | 350888 | 28.994 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.957 | 196 | 370286 | 34.698 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.022 | 196 | 411129 | 34.286 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.363 | 154 | 1679696 | 31.886 | ng/ul | 96 |
| 44) 2-Chloronaphthalene | 13.398 | 162 | 1316290 | 32.151 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.616 | 65 | 436631 | 36.275 | ng/ul | 96 |
| 47) Dimethylphthalate | 13.998 | 163 | 1547092 | 32.499 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.122 | 165 | 311421 | 36.559 | ng/ul | 98 |
| 50) Acenaphthylene | 14.245 | 152 | 2162398 | 32.625 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.445 | 138 | 345091 | 34.809 | ng/ul | 97 |
| 52) Acenaphthene | 14.593 | 153 | 1392894 | 31.813 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.651 | 184 | 139589 | 32.291 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.751 | 109 | 268495 | 33.267 | ng/ul | 97 |
| 56) Dibenzofuran | 14.928 | 168 | 1839565 | 31.818 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.904 | 165 | 445776 | 37.170 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.151 | 232 | 294996 | 34.663 | ng/ul | 97 |
| 59) Diethylphthalate | 15.363 | 149 | 1662766 | 34.004 | ng/ul | 100 |
| 61) Fluorene | 15.575 | 166 | 1456983 | 31.881 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.575 | 204 | 647186 | 31.662 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.610 | 138 | 374752 | 41.882 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.663 | 198 | 224336 | 34.796 | ng/ul | 94 |
| 67) N-Nitrosodiphenylamine | 15.792 | 169 | 1227562 | 32.822 | ng/ul | 96 |
| 68) 4-Bromophenyl-phenylether | 16.475 | 248 | 388652 | 34.213 | ng/ul | 90 |
| 69) Hexachlorobenzene | 16.569 | 284 | 424446 | 33.149 | ng/ul | 99 |
| 70) Atrazine | 16.751 | 200 | 279875 | 23.952 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.922 | 266 | 246562 | 33.158 | ng/ul | 95 |
| 72) Phenanthrene | 17.322 | 178 | 2241793 | 32.290 | ng/ul | 99 |
| 74) Anthracene | 17.410 | 178 | 2319027 | 33.283 | ng/ul | 97 |
| 75) 1,2,3,4-Tetrachloroben... | 13.316 | 216 | 586328 | 33.292 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.840 | 250 | 521754 | 33.085 | ng/uL | 98 |
| 77) Carbazole | 17.686 | 167 | 2128892 | 33.452 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.263 | 149 | 2786636 | 36.413 | ng/ul | 100 |
| 80) Fluoranthene | 19.339 | 202 | 2515830 | 34.403 | ng/ul | 98 |
| 82) Pyrene | 19.704 | 202 | 2586626 | 33.435 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.627 | 149 | 1218701 | 38.653 | ng/ul | 94 |
| 84) 3,3'-Dichlorobenzidine | 21.404 | 252 | 715064 | 36.802 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.463 | 228 | 2533429 | 34.378 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149 | 1820032 | 37.319 | ng/ul | 99 |
| 87) Chrysene | 21.516 | 228 | 2370023 | 34.318 | ng/ul | 96 |
| 89) Di-n-octyl phthalate | 22.345 | 149 | 3197357 | 34.644 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.133 | 252 | 2512000 | 33.495 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.180 | 252 | 2570408 | 33.486 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.751 | 252 | 2410565 | 33.517 | ng/ul | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 26.327 | 276 | 2956706m | 33.760 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 26.345 | 278 | 2483602 | 34.736 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.080 | 276 | 2390549 | 32.636 | ng/ul | 99 |

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

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