Quantitation Report (Qedit)

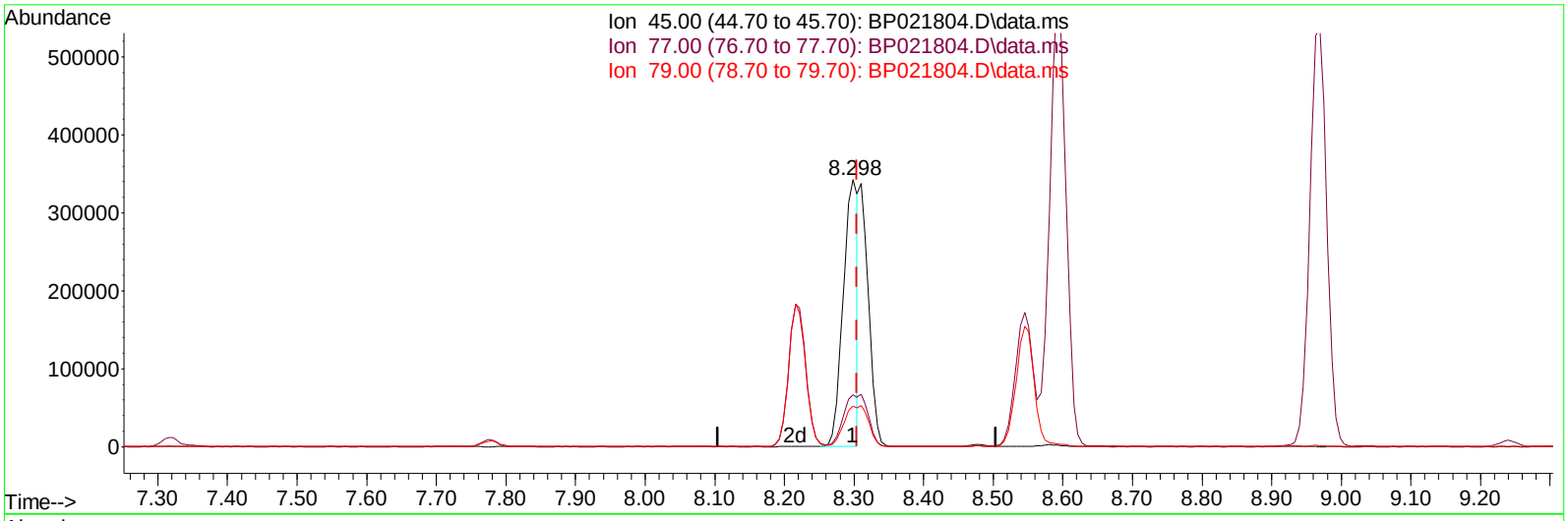
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021804.D
Acq On : 04 Sep 2024 02:21
Operator : RC/JU
Sample : PB163035BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

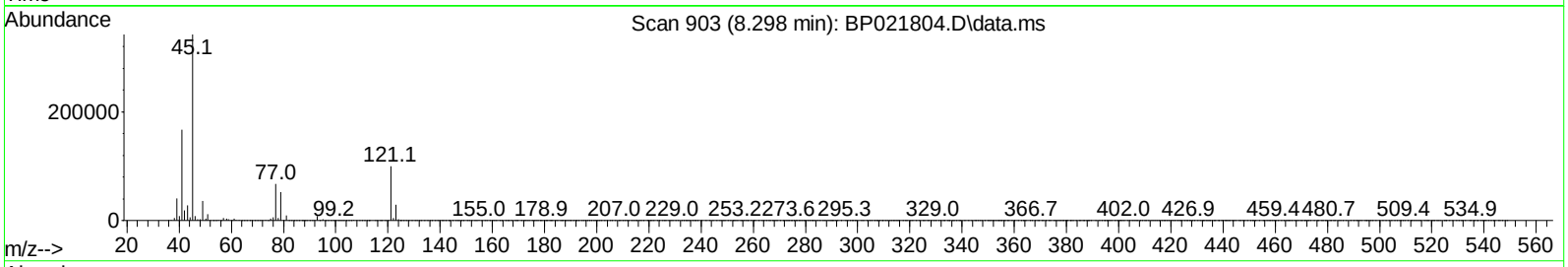
Quant Time: Sep 04 04:06:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

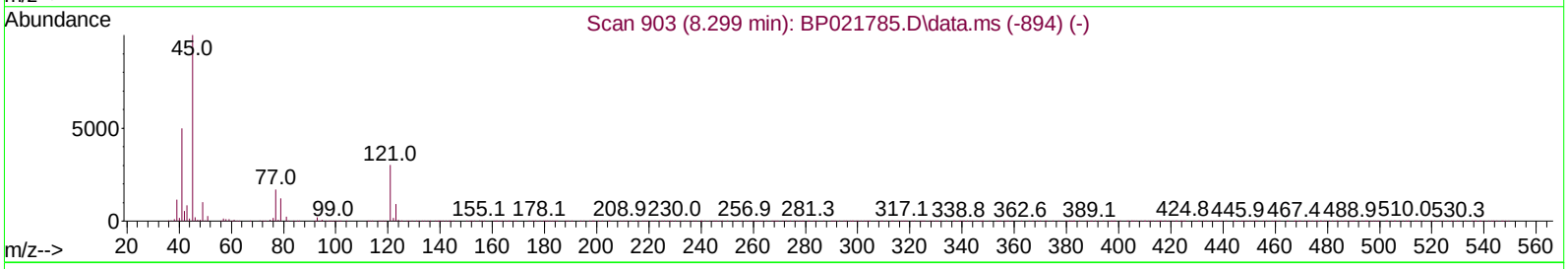
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS035

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024




TIC: BP021804.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.298min (-0.006) 16.56 ng/ul**

**response 500895**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 21.20 | 19.53 |
| 79.00 | 15.00 | 15.28 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/04/2024
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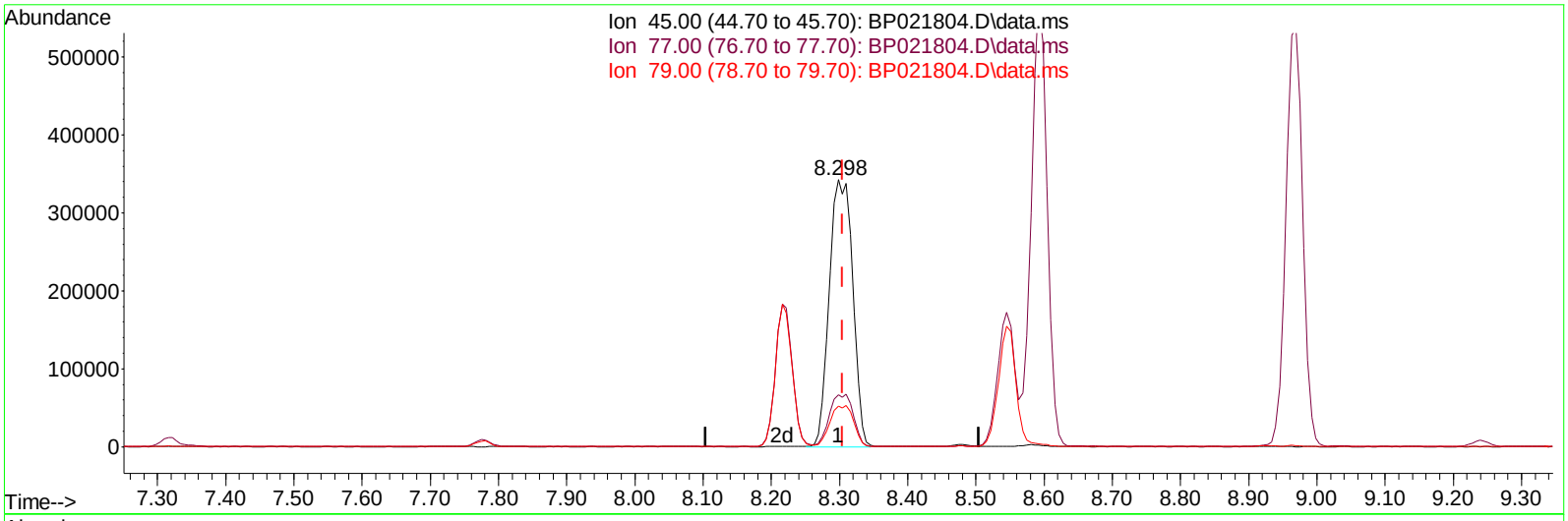


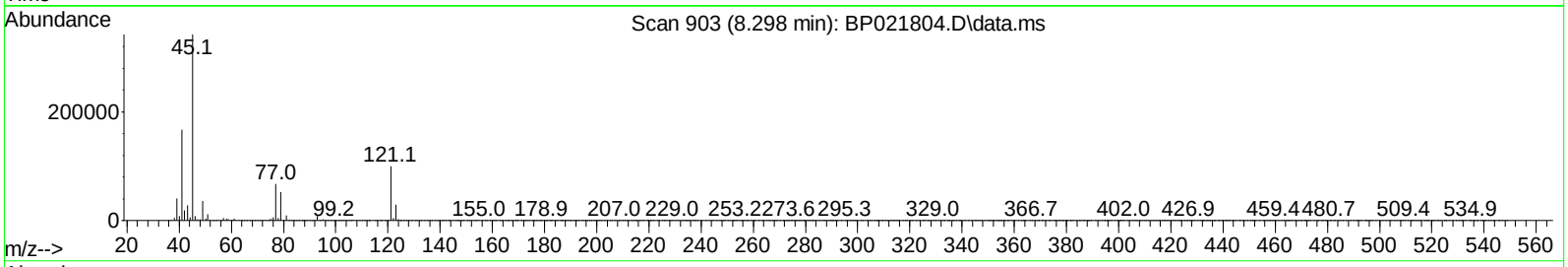


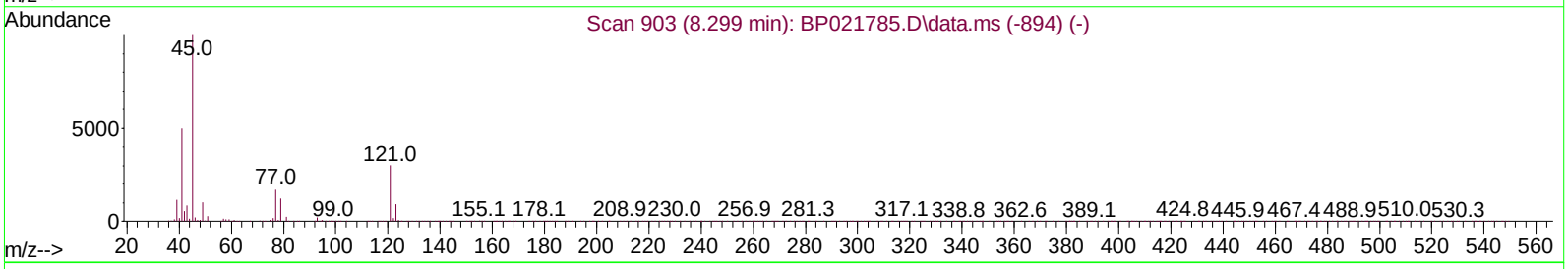


TIC: BP021804.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.298min (-0.006) 27.05 ng/ul m**

**response 818123**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 21.20 | 19.53 |
| 79.00 | 15.00 | 15.28 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
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**Instrument :**
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**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

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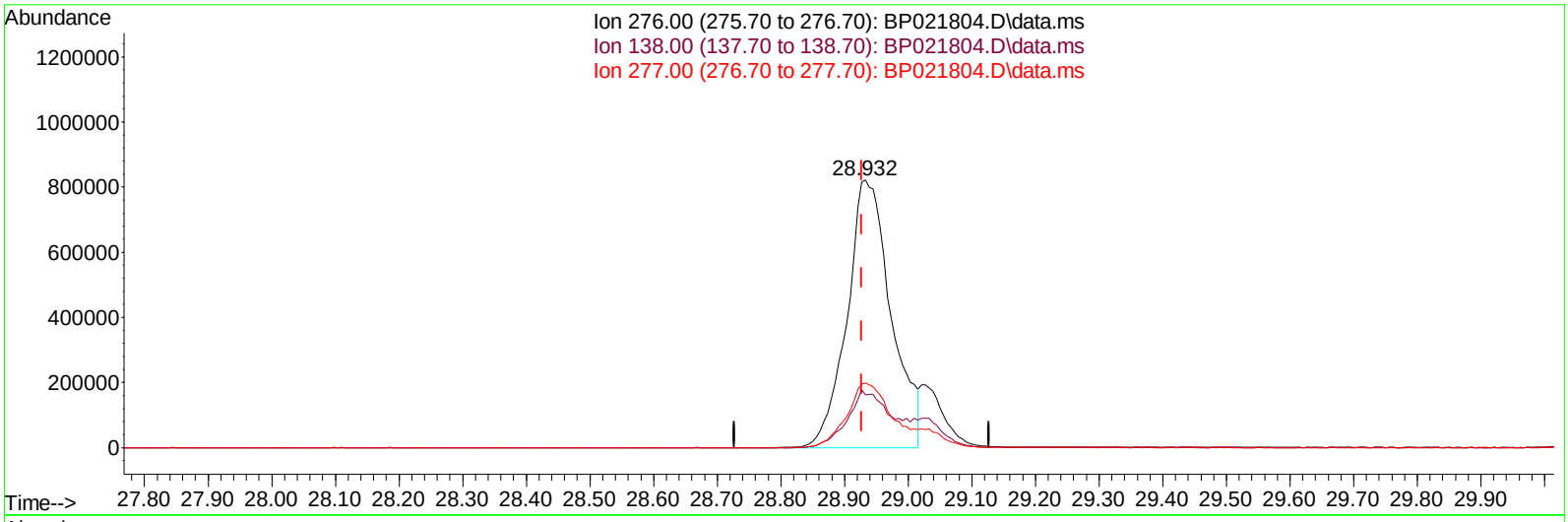


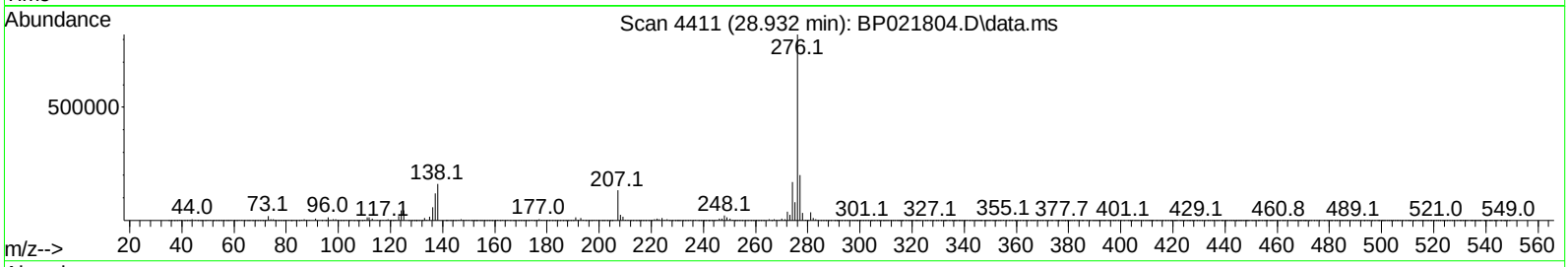


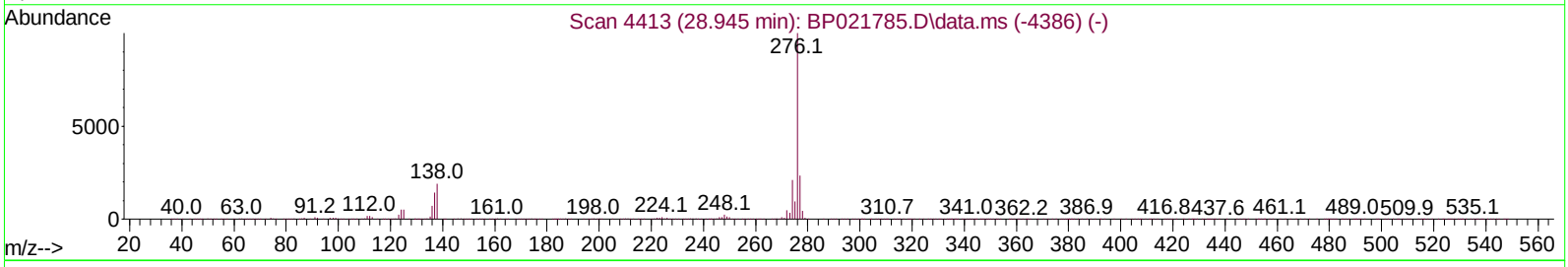


TIC: BP021804.D\data.ms

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

**28.932min (+ 0.005) 24.22 ng/ul**

**response 3957202**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 18.60 | 19.82 |
| 277.00 | 23.80 | 24.29 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
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**ClientSampleId :**
SLCS035

**Manual IntegrationsAPPROVED**

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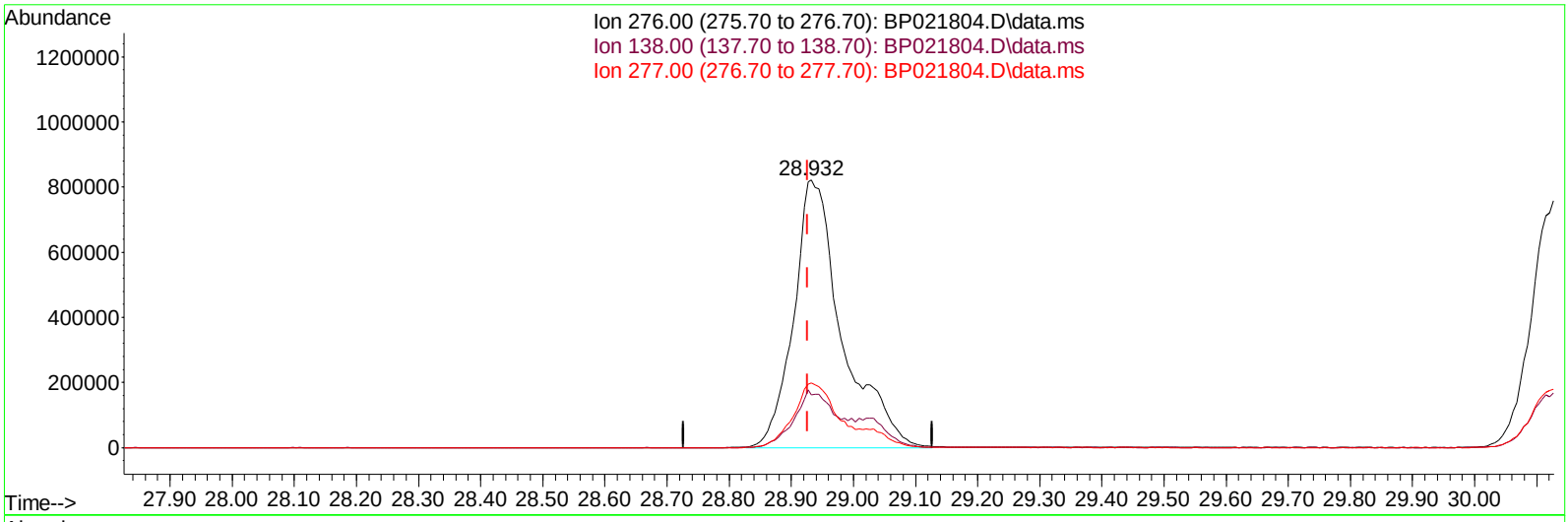


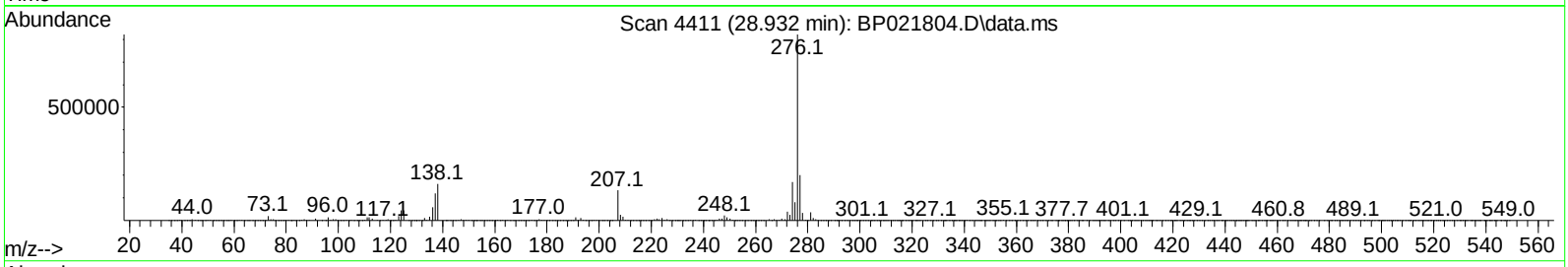


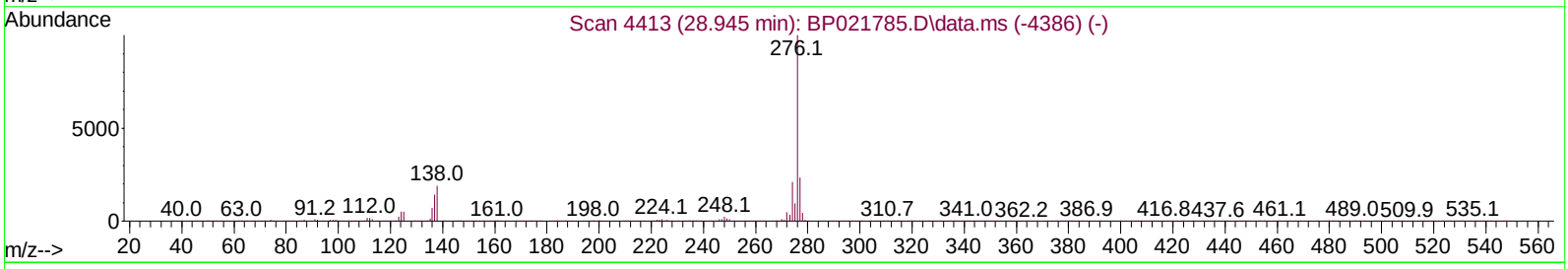


TIC: BP021804.D\data.ms

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

**28.932min (+ 0.005) 27.27 ng/ul m**

**response 4454362**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 18.60 | 19.82 |
| 277.00 | 23.80 | 24.29 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Acq On : 04 Sep 2024 02:21
Operator : RC/JU
Sample : PB163035BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 04 05:44:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS035

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.781 | 152 | 362267 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.569 | 136 | 1485853 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.416 | 164 | 950340 | 20.000 | ng/ul | -0.02 |
| 64) Phenanthrene-d10 | 17.215 | 188 | 2044858 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.674 | 240 | 1940224 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.074 | 264 | 2197870 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 63568 | 5.826 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.687 | 84 | 794444 | 25.171 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.951 | 99 | 1034446 | 26.757 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.110 | 67 | 557893 | 26.516 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.316 | 132 | 672628 | 26.948 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.481 | 113 | 776194 | 25.981 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.928 | 128 | 333130 | 27.867 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.645 | 143 | 348447 | 28.716 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.186 | 165 | 656936 | 27.473 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.692 | 131 | 810185 | 23.289 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.822 | 166 | 1994276 | 27.425 | ng/ul | -0.02 |
| 49) Acenaphthylene-d8 | 14.104 | 160 | 2242792 | 27.471 | ng/ul | -0.02 |
| 54) 4-Nitrophenol-d4 | 14.621 | 143 | 391836 | 28.323 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.421 | 176 | 1694391 | 27.716 | ng/ul | -0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200 | 320418 | 28.490 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.315 | 188 | 2605651 | 26.849 | ng/ul | -0.02 |
| 81) Pyrene-d10 | 19.692 | 212 | 3238070 | 29.195 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.844 | 264 | 3285038 | 28.030 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.310 | 88 | 113381 | 9.777 | ng/uL | 96 |
| 5) Pyridine | 3.704 | 79 | 784650 | 24.879 | ng/ul | 99 |
| 6) Benzaldehyde | 6.922 | 77 | 438895 | 22.195 | ng/ul | 99 |
| 8) Phenol | 6.981 | 94 | 1077075 | 26.718 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.204 | 93 | 843169 | 26.908 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.345 | 128 | 717080 | 27.372 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.216 | 108 | 752578 | 25.878 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.298 | 45 | 818123m | 27.050 | ng/ul | |
| 16) Acetophenone | 8.592 | 105 | 1255112 | 26.206 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.581 | 70 | 576463 | 25.505 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.545 | 108 | 829683 | 26.059 | ng/ul | 100 |
| 19) Hexachloroethane | 8.857 | 117 | 325922 | 27.824 | ng/ul | 97 |
| 22) Nitrobenzene | 8.969 | 77 | 920964 | 27.629 | ng/ul | 99 |
| 23) Isophorone | 9.498 | 82 | 1755974 | 26.252 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.675 | 139 | 384369 | 28.590 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.739 | 107 | 697177 | 21.128 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.975 | 93 | 1123606 | 26.785 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.210 | 162 | 652258 | 27.145 | ng/ul | 99 |
| 30) Naphthalene | 10.616 | 128 | 2264092 | 27.036 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.722 | 127 | 761524 | 21.682 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.904 | 225 | 432238 | 26.810 | ng/ul | 99 |
| 34) Caprolactam | 11.498 | 113 | 253656 | 24.964 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 11.851 | 107 | 883007 | 27.765 | ng/ul | 98 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/04/2024
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.227 | 142 | 1497580 | 26.439 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.445 | 142 | 1497267 | 26.281 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.598 | 216 | 824249 | 27.519 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.580 | 237 | 393033 | 22.868 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.839 | 196 | 469739 | 24.358 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.916 | 196 | 539011 | 25.884 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.239 | 154 | 1974847 | 27.466 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.280 | 162 | 1553782 | 27.561 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.480 | 65 | 524850 | 29.718 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.863 | 163 | 2022847 | 27.781 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.986 | 165 | 407443 | 30.341 | ng/ul | 97 |
| 50) Acenaphthylene | 14.133 | 152 | 2496886 | 28.437 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.316 | 138 | 423434 | 28.855 | ng/ul | 100 |
| 52) Acenaphthene | 14.480 | 153 | 1651392 | 26.744 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.521 | 184 | 208217 | 25.900 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.633 | 109 | 362672 | 28.630 | ng/ul | 95 |
| 56) Dibenzofuran | 14.816 | 168 | 2340038 | 27.392 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.780 | 165 | 607609 | 30.110 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.051 | 232 | 388946 | 21.679 | ng/ul | 97 |
| 59) Diethylphthalate | 15.251 | 149 | 2052652 | 28.073 | ng/ul | 99 |
| 61) Fluorene | 15.480 | 166 | 1893339 | 27.402 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.480 | 204 | 943583 | 27.178 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.498 | 138 | 459503 | 32.400 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.557 | 198 | 348628 | 27.711 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.692 | 169 | 1638031 | 27.230 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.386 | 248 | 618223 | 27.386 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.510 | 284 | 725365 | 27.067 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.863 | 266 | 320917 | 18.711 | ng/ul | 100 |
| 72) Phenanthrene | 17.257 | 178 | 3126166 | 27.847 | ng/ul | 99 |
| 74) Anthracene | 17.357 | 178 | 3065642 | 26.955 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.204 | 216 | 824541 | 27.122 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.739 | 250 | 796701 | 25.283 | ng/uL | 99 |
| 77) Carbazole | 17.627 | 167 | 2924215 | 28.587 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.227 | 149 | 3656124 | 29.364 | ng/ul | 100 |
| 80) Fluoranthene | 19.345 | 202 | 3806847 | 29.413 | ng/ul | 98 |
| 82) Pyrene | 19.727 | 202 | 3985726 | 29.077 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.674 | 149 | 1718401 | 30.618 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.574 | 252 | 1272823 | 26.031 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.656 | 228 | 3953973 | 28.649 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.598 | 149 | 2523762 | 30.467 | ng/ul | 99 |
| 87) Chrysene | 21.727 | 228 | 3712747 | 28.584 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.898 | 149 | 4220082 | 30.334 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.003 | 252 | 4021151 | 29.240 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 24.074 | 252 | 3904459 | 29.001 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.927 | 252 | 3517484 | 27.763 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.932 | 276 | 4454362m | 27.267 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.032 | 278 | 3654361 | 27.838 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 30.127 | 276 | 3608339 | 28.587 | ng/ul | 99 |

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

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