Quantitation Report (Qedit)

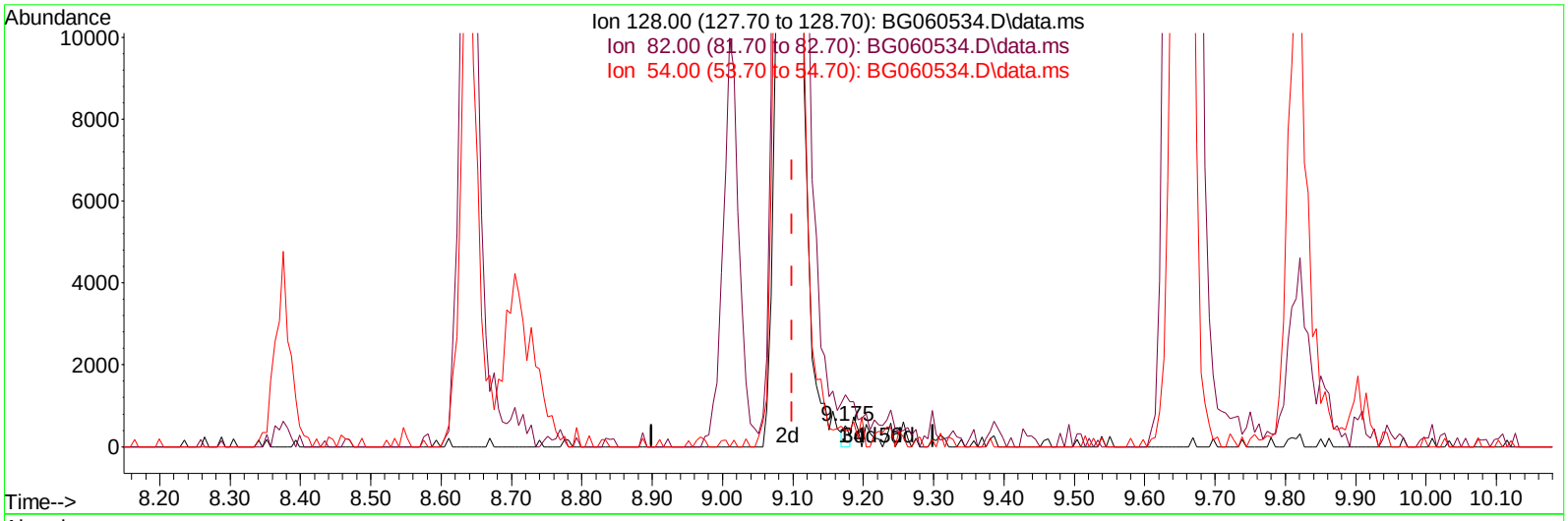
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020124\
Data File : BG060534.D
Acq On : 1 Feb 2024 14:41
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

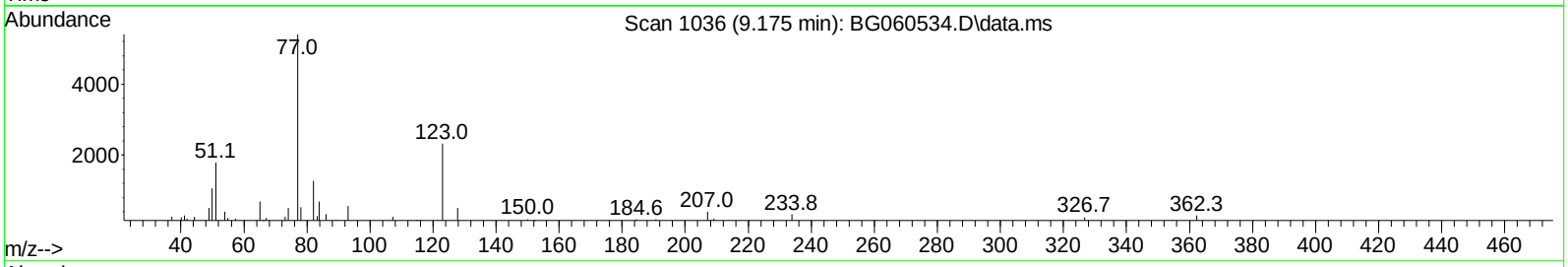
Quant Time: Feb 01 15:22:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 22:04:13 2024
Response via : Initial Calibration

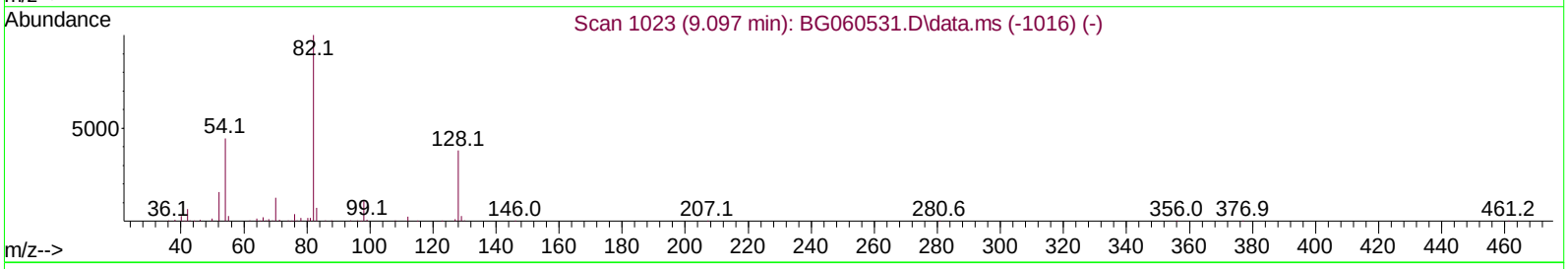
**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024




TIC: BG060534.D\data.ms

**(21) Nitrobenzene-d5 (S)**

**9.175min (+ 0.076) 0.06 ng/ul**

**response 276**

| Ion | Exp% | Act% |
|---|---|---|
| 128.00 | 100.00 | 100.00 |
| 82.00 | 238.70 | 247.47 |
| 54.00 | 95.30 | 77.82 |
| 0.00 | 0.00 | 0.00 |

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**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

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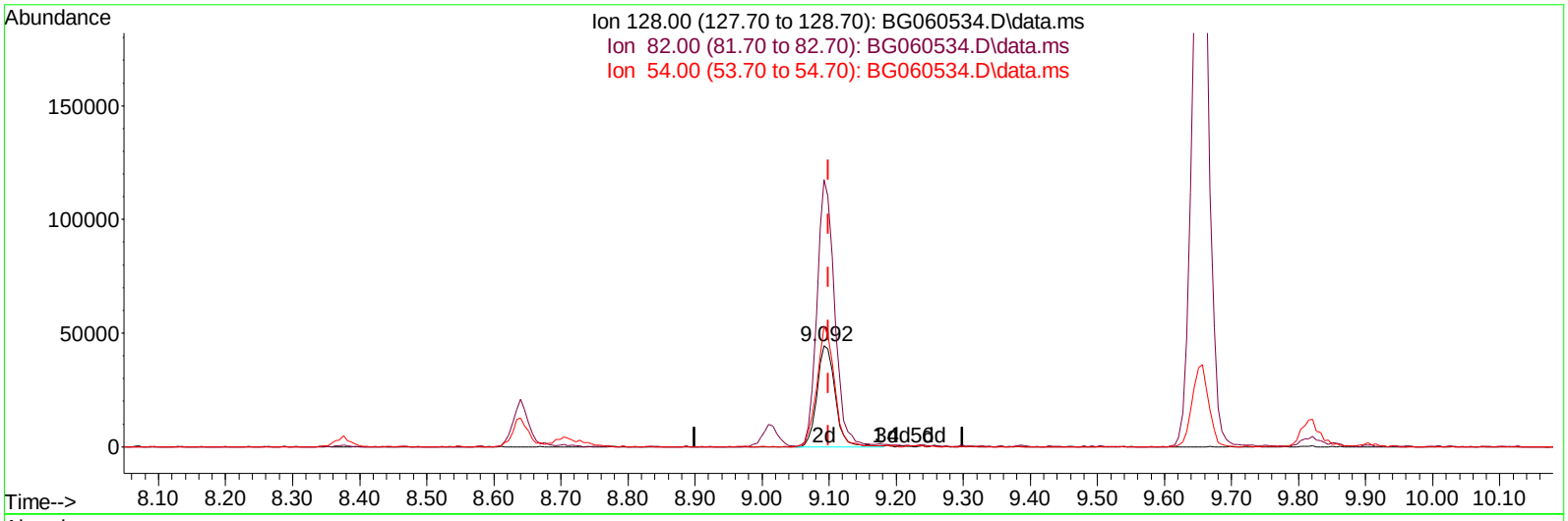


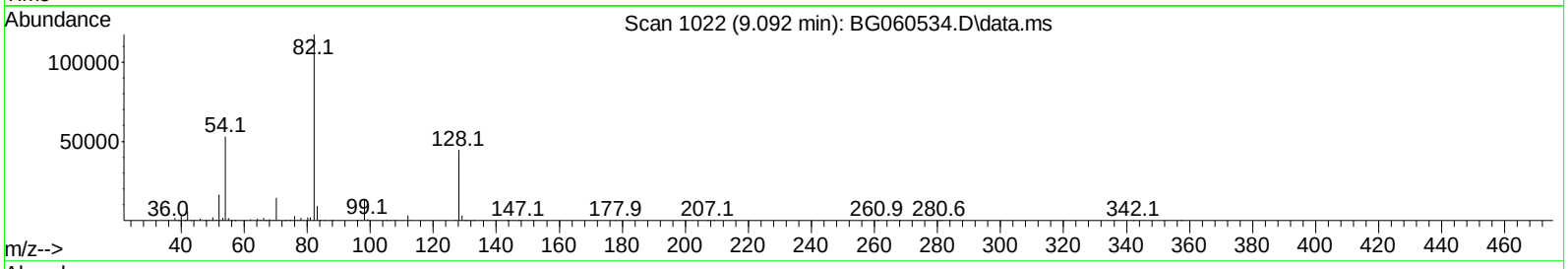


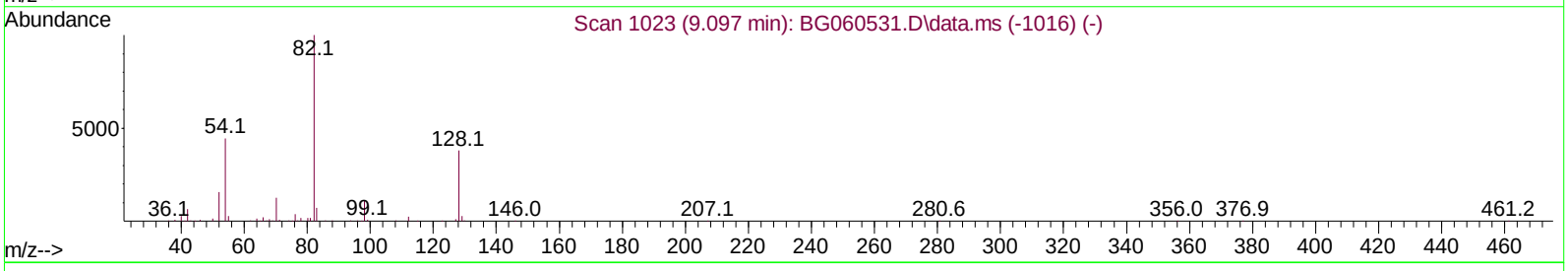


TIC: BG060534.D\data.ms

**(21) Nitrobenzene-d5 (S)**

**9.092min (-0.007) 18.88 ng/ul m**

**response 83316**

| Ion | Exp% | Act% |
|---|---|---|
| 128.00 | 100.00 | 100.00 |
| 82.00 | 238.70 | 263.39 |
| 54.00 | 95.30 | 118.77# |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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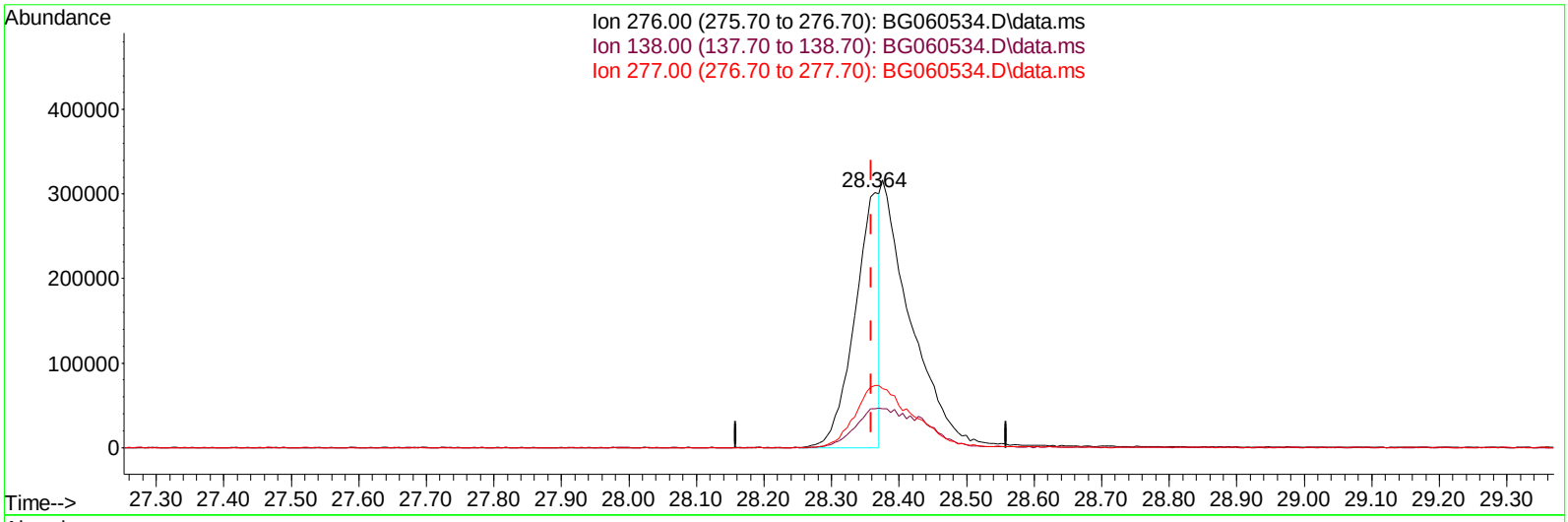


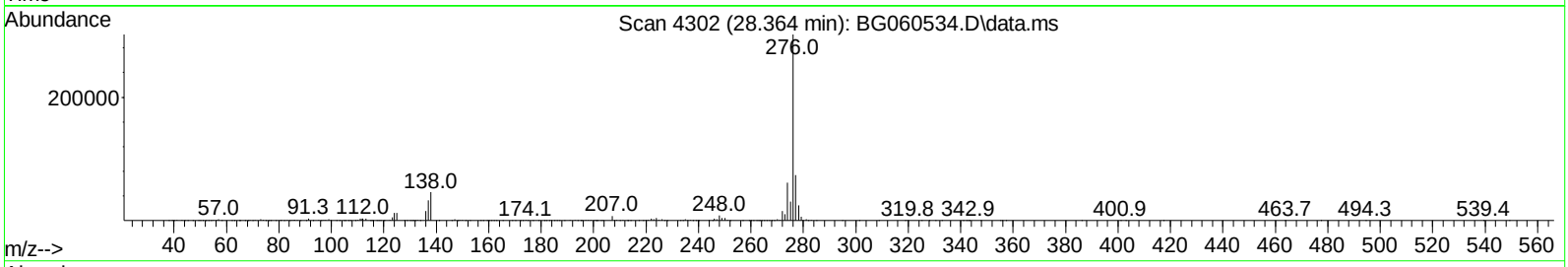


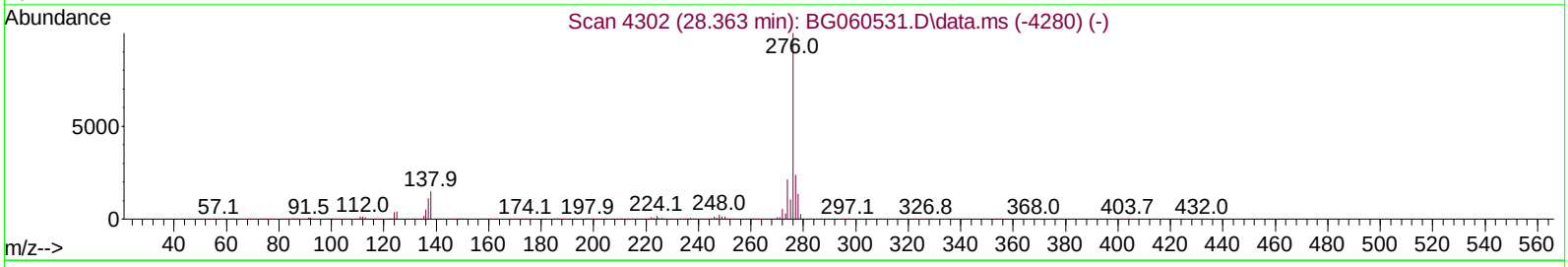


TIC: BG060534.D\data.ms

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

**28.364min (+ 0.005) 8.11 ng/ul**

**response 768616**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 16.20 | 15.24 |
| 277.00 | 23.60 | 24.49 |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Wed Jan 31 22:04:13 2024
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**Instrument :**
BNA_G
**LabSampleId :**
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**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/02/2024
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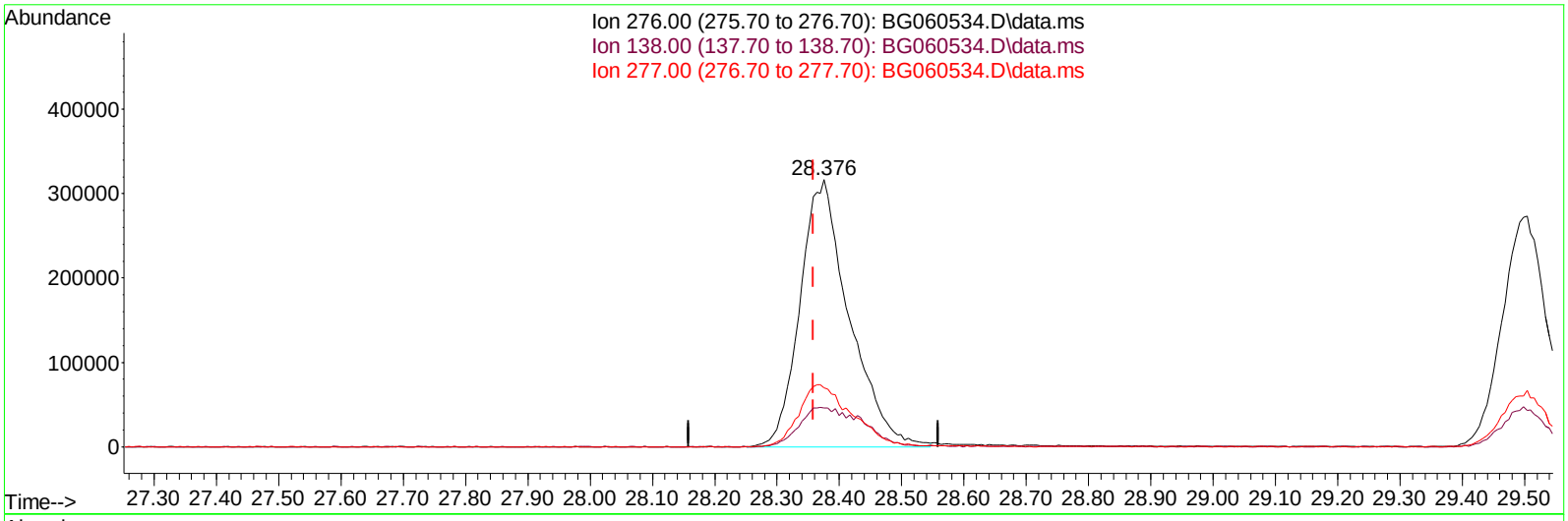


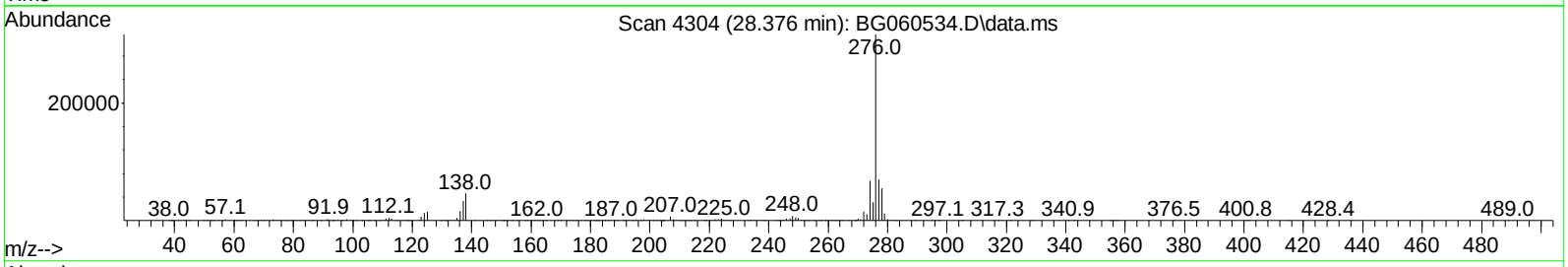


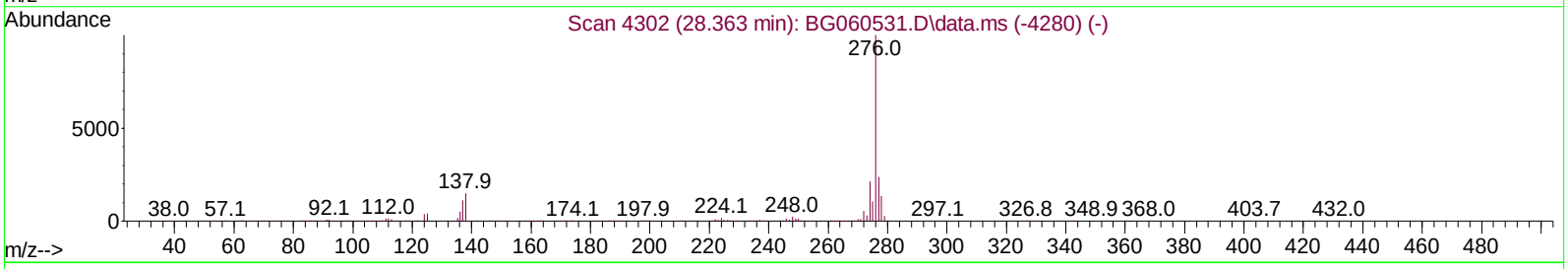


TIC: BG060534.D\data.ms

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

**28.376min (+ 0.017) 18.26 ng/ul m**

**response 1731423**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 16.20 | 14.47 |
| 277.00 | 23.60 | 22.11 |
| 0.00 | 0.00 | 0.00 |

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Misc :
ALS Vial : 27 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.935 | 152 | 126989 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.738 | 136 | 598092 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.574 | 164 | 481577 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.324 | 188 | 1237439 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.584 | 240 | 1174702 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.756 | 264 | 1295580 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.370 | 96 | 23813 | 9.397 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.775 | 84 | 193188 | 24.099 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.095 | 99 | 226107 | 18.748 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.259 | 67 | 134303 | 17.721 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.465 | 132 | 147922 | 18.367 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.640 | 113 | 185407 | 18.663 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.092 | 128 | 83316m | 18.884 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.815 | 143 | 97665 | 18.947 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.356 | 165 | 214581 | 20.017 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.873 | 131 | 253445 | 18.022 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.975 | 166 | 712209 | 18.073 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.263 | 160 | 809037 | 18.303 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.780 | 143 | 96234 | 17.050 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.567 | 176 | 654616 | 18.959 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.685 | 200 | 122373 | 15.971 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.418 | 188 | 1098520 | 18.727 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.709 | 212 | 1304505 | 18.528 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.539 | 264 | 1251156 | 18.409 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.399 | 88 | 29931 | 10.675 | ng/uL | 95 |
| 5) Pyridine | 3.793 | 79 | 201303 | 24.699 | ng/ul | 95 |
| 6) Benzaldehyde | 7.071 | 77 | 115575 | 25.211 | ng/ul | 93 |
| 8) Phenol | 7.118 | 94 | 227252 | 18.026 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.347 | 93 | 178013 | 17.728 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.494 | 128 | 157024 | 18.901 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.376 | 108 | 173042 | 17.762 | ng/ul | 95 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.452 | 45 | 256246 | 19.337 | ng/ul | 96 |
| 16) Acetophenone | 8.752 | 105 | 296880 | 18.752 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.734 | 70 | 157549 | 18.455 | ng/ul# | 93 |
| 18) 4-Methylphenol | 8.705 | 108 | 199363 | 19.032 | ng/ul | 96 |
| 19) Hexachloroethane | 9.010 | 117 | 69453 | 18.909 | ng/ul | 94 |
| 22) Nitrobenzene | 9.134 | 77 | 224720 | 18.620 | ng/ul | 95 |
| 23) Isophorone | 9.651 | 82 | 471786 | 18.031 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.850 | 139 | 103039 | 19.664 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 9.909 | 107 | 207378 | 19.179 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.138 | 93 | 276439 | 18.559 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.385 | 162 | 199834 | 19.393 | ng/ul | 97 |
| 30) Naphthalene | 10.785 | 128 | 590949 | 18.311 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.896 | 127 | 240526 | 17.433 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.067 | 225 | 162557 | 18.998 | ng/ul | 95 |
| 34) Caprolactam | 11.648 | 113 | 61792 | 18.013 | ng/ul | 97 |
| 35) 4-Chloro-3-methylphenol | 12.024 | 107 | 215048 | 20.815 | ng/ul | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 36) | 2-Methylnaphthalene | 12.394 | 142 | 448426 | 19.766 | ng/ul | 99 |
| 37) | 1-Methylnaphthalene | 12.612 | 142 | 451181 | 19.677 | ng/ul# | 96 |
| 39) | 1,2,4,5-Tetrachloroben... | 12.765 | 216 | 336192 | 19.181 | ng/ul | 96 |
| 40) | Hexachlorocyclopentadiene | 12.741 | 237 | 144484 | 13.632 | ng/ul | 97 |
| 41) | 2,4,6-Trichlorophenol | 13.006 | 196 | 202547 | 18.958 | ng/ul | 94 |
| 42) | 2,4,5-Trichlorophenol | 13.082 | 196 | 218714 | 19.373 | ng/ul | 98 |
| 43) | 1,1'-Biphenyl | 13.405 | 154 | 665659 | 18.659 | ng/ul | 99 |
| 44) | 2-Chloronaphthalene | 13.446 | 162 | 557267 | 18.502 | ng/ul | 98 |
| 45) | 2-Nitroaniline | 13.652 | 65 | 148836 | 19.633 | ng/ul | 88 |
| 47) | Dimethylphthalate | 14.022 | 163 | 709616 | 18.040 | ng/ul# | 98 |
| 48) | 2,6-Dinitrotoluene | 14.145 | 165 | 146659 | 19.770 | ng/ul | 99 |
| 50) | Acenaphthylene | 14.292 | 152 | 907147 | 18.602 | ng/ul | 97 |
| 51) | 3-Nitroaniline | 14.480 | 138 | 123148 | 19.749 | ng/ul | 96 |
| 52) | Acenaphthene | 14.633 | 153 | 601139 | 18.480 | ng/ul | 98 |
| 53) | 2,4-Dinitrophenol | 14.686 | 184 | 45392 | 11.211 | ng/ul | 92 |
| 55) | 4-Nitrophenol | 14.792 | 109 | 62256 | 16.201 | ng/ul | 93 |
| 56) | Dibenzofuran | 14.968 | 168 | 850989 | 18.530 | ng/ul | 95 |
| 57) | 2,4-Dinitrotoluene | 14.933 | 165 | 207488 | 19.087 | ng/ul | 95 |
| 58) | 2,3,4,6-Tetrachlorophenol | 15.197 | 232 | 195543 | 18.637 | ng/ul# | 97 |
| 59) | Diethylphthalate | 15.385 | 149 | 682099 | 18.035 | ng/ul | 99 |
| 61) | Fluorene | 15.620 | 166 | 724812 | 19.238 | ng/ul | 100 |
| 62) | 4-Chlorophenyl-phenyle... | 15.608 | 204 | 409854 | 19.708 | ng/ul | 96 |
| 63) | 4-Nitroaniline | 15.644 | 138 | 115375 | 18.886 | ng/ul | 95 |
| 66) | 4,6-Dinitro-2-methylph... | 15.696 | 198 | 125323 | 15.636 | ng/ul# | 92 |
| 67) | N-Nitrosodiphenylamine | 15.826 | 169 | 618292 | 18.422 | ng/ul | 97 |
| 68) | 4-Bromophenyl-phenylether | 16.507 | 248 | 275319 | 19.151 | ng/ul | 99 |
| 69) | Hexachlorobenzene | 16.625 | 284 | 316508 | 18.980 | ng/ul | 98 |
| 70) | Atrazine | 16.772 | 200 | 255071 | 18.486 | ng/ul | 97 |
| 71) | Pentachlorophenol | 16.971 | 266 | 128103 | 13.948 | ng/ul | 96 |
| 72) | Phenanthrene | 17.365 | 178 | 1225886 | 18.842 | ng/ul | 99 |
| 74) | Anthracene | 17.453 | 178 | 1252830 | 18.897 | ng/ul | 99 |
| 75) | 1,2,3,4-Tetrachloroben... | 13.370 | 216 | 335057 | 18.670 | ng/uL | 96 |
| 76) | Pentachlorobenzene | 14.892 | 250 | 355514 | 18.858 | ng/uL | 97 |
| 77) | Carbazole | 17.724 | 167 | 1047585 | 19.132 | ng/ul | 98 |
| 78) | Di-n-butylphthalate | 18.282 | 149 | 1199462 | 18.581 | ng/ul | 99 |
| 80) | Fluoranthene | 19.375 | 202 | 1467499 | 18.678 | ng/ul | 99 |
| 82) | Pyrene | 19.739 | 202 | 1529478 | 18.705 | ng/ul | 97 |
| 83) | Butylbenzylphthalate | 20.626 | 149 | 506267 | 17.370 | ng/ul | 94 |
| 84) | 3,3'-Dichlorobenzidine | 21.484 | 252 | 517707 | 19.102 | ng/ul | 98 |
| 85) | Benzo(a)anthracene | 21.566 | 228 | 1554996 | 19.197 | ng/ul | 99 |
| 86) | Bis(2-ethylhexyl)phtha... | 21.466 | 149 | 728444 | 16.745 | ng/ul | 100 |
| 87) | Chrysene | 21.631 | 228 | 1417300 | 18.627 | ng/ul | 100 |
| 89) | Di-n-octyl phthalate | 22.659 | 149 | 1262767 | 18.264 | ng/ul | 100 |
| 90) | Benzo(b)fluoranthene | 23.746 | 252 | 1494467 | 18.589 | ng/ul | 100 |
| 91) | Benzo(k)fluoranthene | 23.816 | 252 | 1452253 | 17.689 | ng/ul | 99 |
| 93) | Benzo(a)pyrene | 24.610 | 252 | 1413225 | 18.272 | ng/ul | 97 |
| 94) | Indeno(1,2,3-cd)pyrene | 28.376 | 276 | 1731423m | 18.262 | ng/ul | |
| 95) | Dibenzo(a,h)anthracene | 28.429 | 278 | 1446309 | 18.698 | ng/ul | 97 |
| 96) | Benzo(g,h,i)perylene | 29.504 | 276 | 1380909 | 17.989 | ng/ul | 96 |

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

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