Quantitation Report (Qedit)

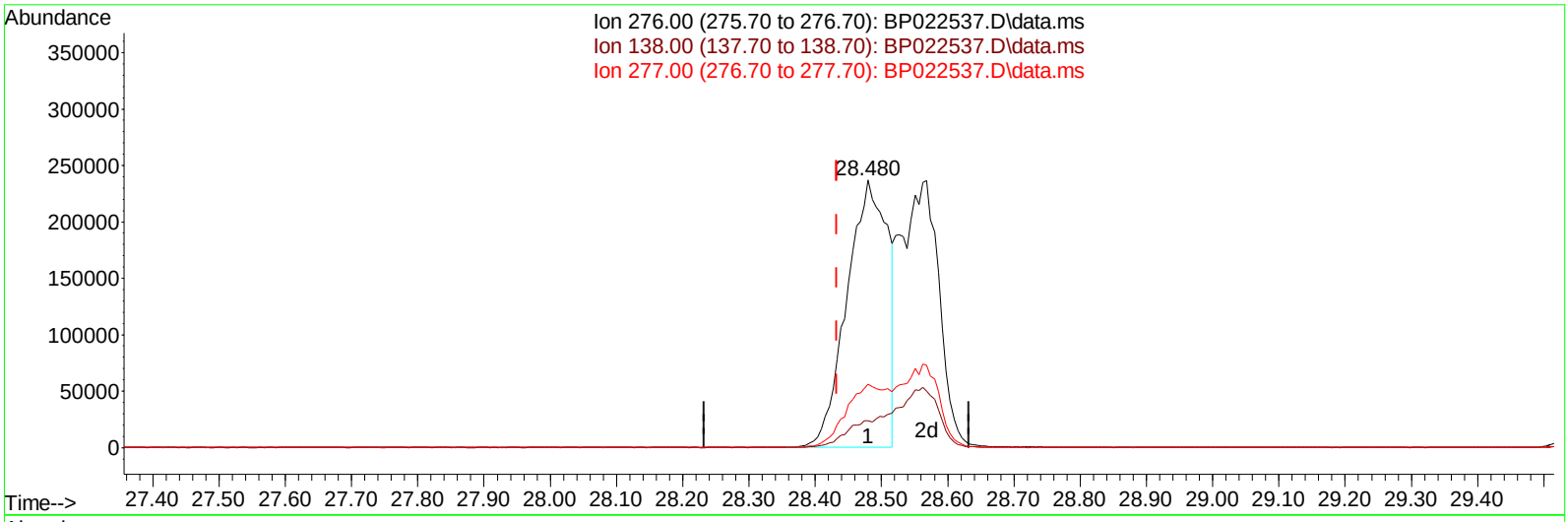
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022537.D
Acq On : 22 Oct 2024 13:08
Operator : RC/JU
Sample : P4414-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

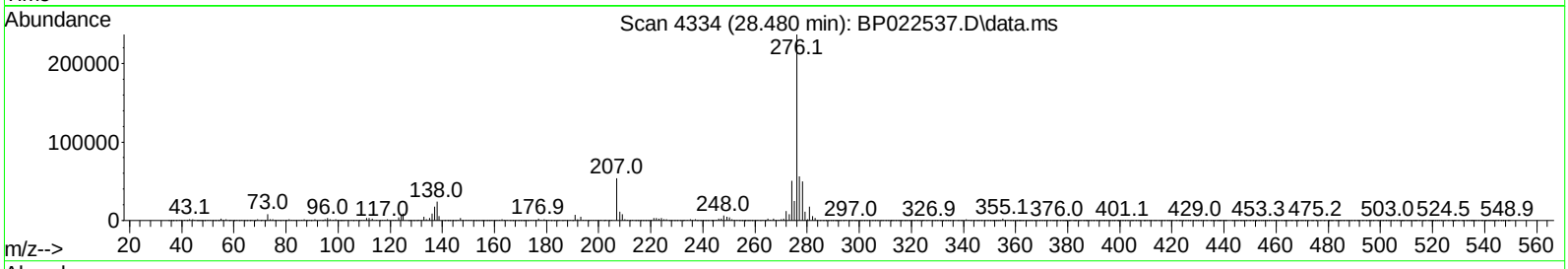
Quant Time: Oct 22 13:36:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

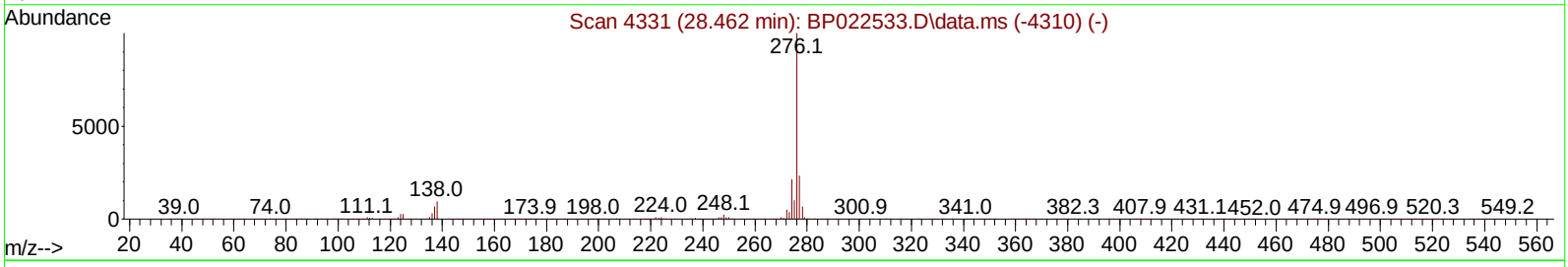
**Instrument :**
BNA_P
**ClientSampleId :**
A4E88

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024




TIC: BP022537.D\data.ms

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

**28.480min (+ 0.047) 16.97 ng/ul**

**response 1003626**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.40 | 10.09 |
| 277.00 | 23.20 | 23.69 |
| 0.00 | 0.00 | 0.00 |

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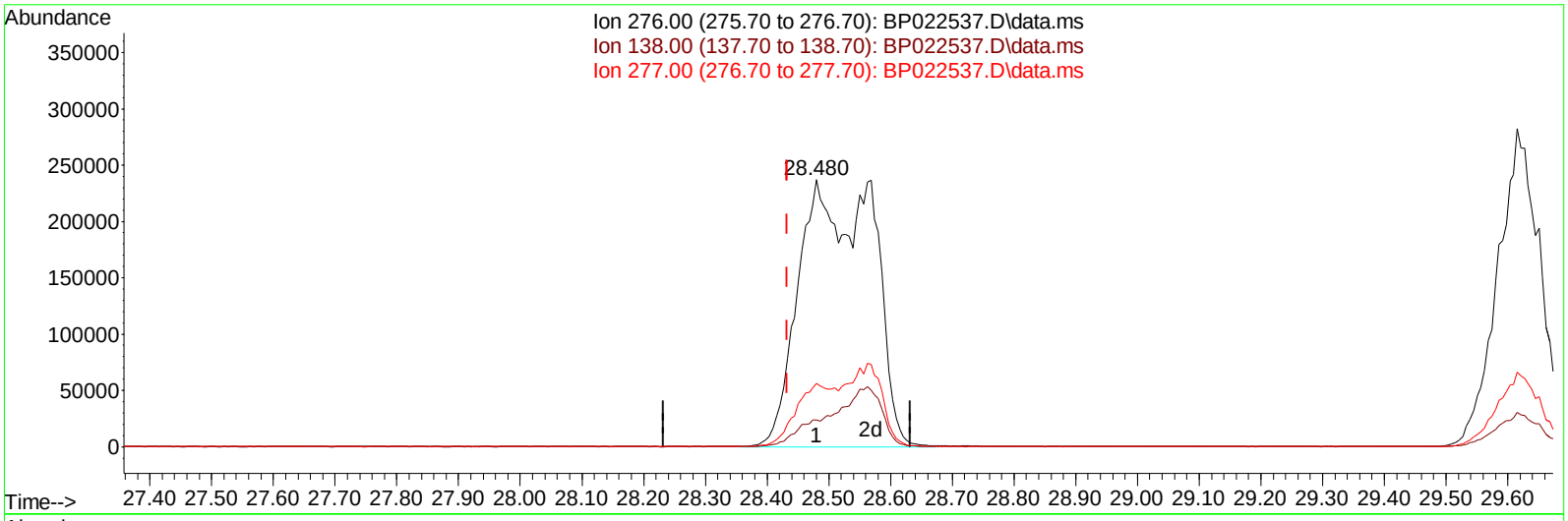


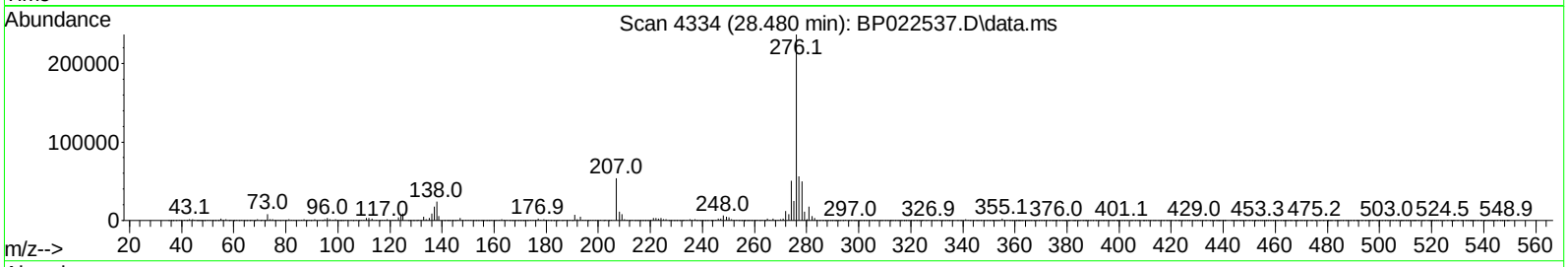


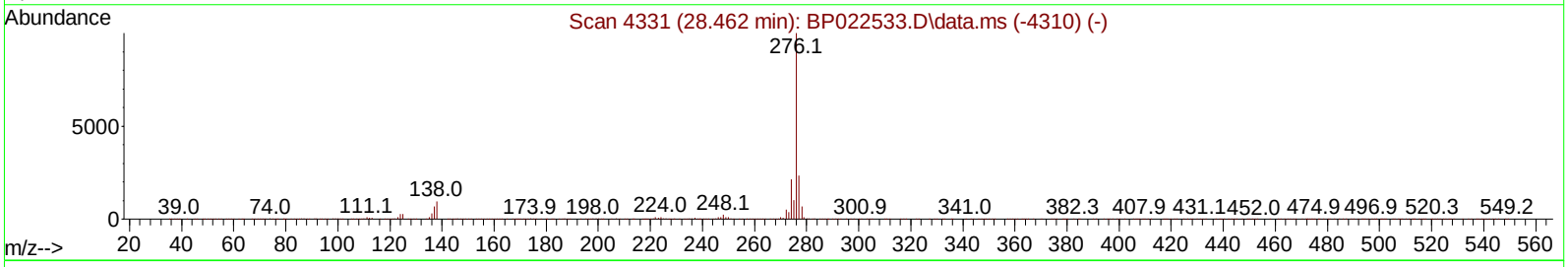


TIC: BP022537.D\data.ms

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

**28.480min (+ 0.047) 32.99 ng/ul m**

**response 1950825**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.40 | 10.09 |
| 277.00 | 23.20 | 23.69 |
| 0.00 | 0.00 | 0.00 |

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Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 22 13:38:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4E88

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.658 | 152 | 89573 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.416 | 136 | 340368 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.281 | 164 | 263490 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.069 | 188 | 626656 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.516 | 240 | 633927 | 20.000 | ng/ul | 0.02 |
| 88) Perylene-d12 | 24.768 | 264 | 764886 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.193 | 96 | 5894 | 2.557 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.852 | 99 | 161866 | 21.468 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.999 | 67 | 94244 | 21.266 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.205 | 132 | 120324 | 22.490 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.369 | 113 | 128570 | 21.367 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.805 | 128 | 60704 | 23.195 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.510 | 143 | 70447 | 23.250 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.052 | 165 | 173629 | 26.962 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.552 | 131 | 111602 | 14.666 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.681 | 166 | 561086 | 26.801 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.963 | 160 | 590235 | 26.545 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.516 | 143 | 86845 | 24.727 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.287 | 176 | 515649 | 28.398 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.422 | 200 | 57990 | 14.070 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.181 | 188 | 863977 | 29.308 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.557 | 212 | 1064144 | 31.743 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.545 | 264 | 1197369 | 29.312 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.881 | 94 | 257449 | 32.818 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.093 | 93 | 1115486 | 189.999 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.234 | 128 | 478330 | 86.459 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 8.458 | 70 | 875370 | 173.926 | ng/ul | 97 |
| 19) Hexachloroethane | 8.716 | 117 | 324048 | 125.766 | ng/ul | 98 |
| 22) Nitrobenzene | 8.846 | 77 | 289393 | 37.045 | ng/ul | 97 |
| 23) Isophorone | 9.363 | 82 | 2050807 | 146.419 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.540 | 139 | 145193 | 44.464 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 9.834 | 93 | 1373168 | 172.663 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.075 | 162 | 643787 | 101.518 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.752 | 225 | 749176 | 140.167 | ng/ul | 99 |
| 35) 4-Chloro-3-methylphenol | 11.710 | 107 | 295877 | 42.762 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.081 | 142 | 710825 | 53.415 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.699 | 196 | 1093334 | 178.406 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.775 | 196 | 263037 | 40.310 | ng/ul | 97 |
| 48) 2,6-Dinitrotoluene | 13.869 | 165 | 1019514 | 258.384 | ng/ul | 91 |
| 50) Acenaphthylene | 13.993 | 152 | 468446 | 20.299 | ng/ul | 99 |
| 52) Acenaphthene | 14.340 | 153 | 1922968 | 117.842 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.528 | 109 | 324940 | 83.361 | ng/ul | 95 |
| 57) 2,4-Dinitrotoluene | 14.663 | 165 | 1022287 | 166.731 | ng/ul | 92 |
| 61) Fluorene | 15.345 | 166 | 3605229 | 180.511 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.328 | 204 | 683289 | 59.826 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.251 | 248 | 340370 | 45.040 | ng/ul | 96 |

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**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 10/25/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 69) Hexachlorobenzene | 16.369 | 284 | 2386514 | 256.563 | ng/ul | 96 |
| 71) Pentachlorophenol | 16.728 | 266 | 1426296 | 238.473 | ng/ul | 97 |
| 72) Phenanthrene | 17.122 | 178 | 1575604 | 46.995 | ng/ul | 99 |
| 74) Anthracene | 17.222 | 178 | 1520545 | 45.447 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.086 | 149 | 5553383 | 169.533 | ng/ul | 100 |
| 80) Fluoranthene | 19.216 | 202 | 6604002 | 171.359 | ng/ul | 98 |
| 82) Pyrene | 19.586 | 202 | 2988778 | 72.357 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.533 | 149 | 650858 | 45.258 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.498 | 228 | 5739430 | 129.148 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.427 | 149 | 3868501 | 187.403 | ng/ul# | 97 |
| 87) Chrysene | 21.575 | 228 | 8396224 | 203.758 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.763 | 252 | 8521116 | 176.982 | ng/ul# | 99 |
| 93) Benzo(a)pyrene | 24.621 | 252 | 1768232 | 39.904 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 28.480 | 276 | 1950825m | 32.991 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.568 | 278 | 4061961 | 84.830 | ng/ul# | 98 |
| 96) Benzo(g,h,i)perylene | 29.615 | 276 | 1358861 | 29.544 | ng/ul | 100 |

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

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