Quantitation Report (Qedit)

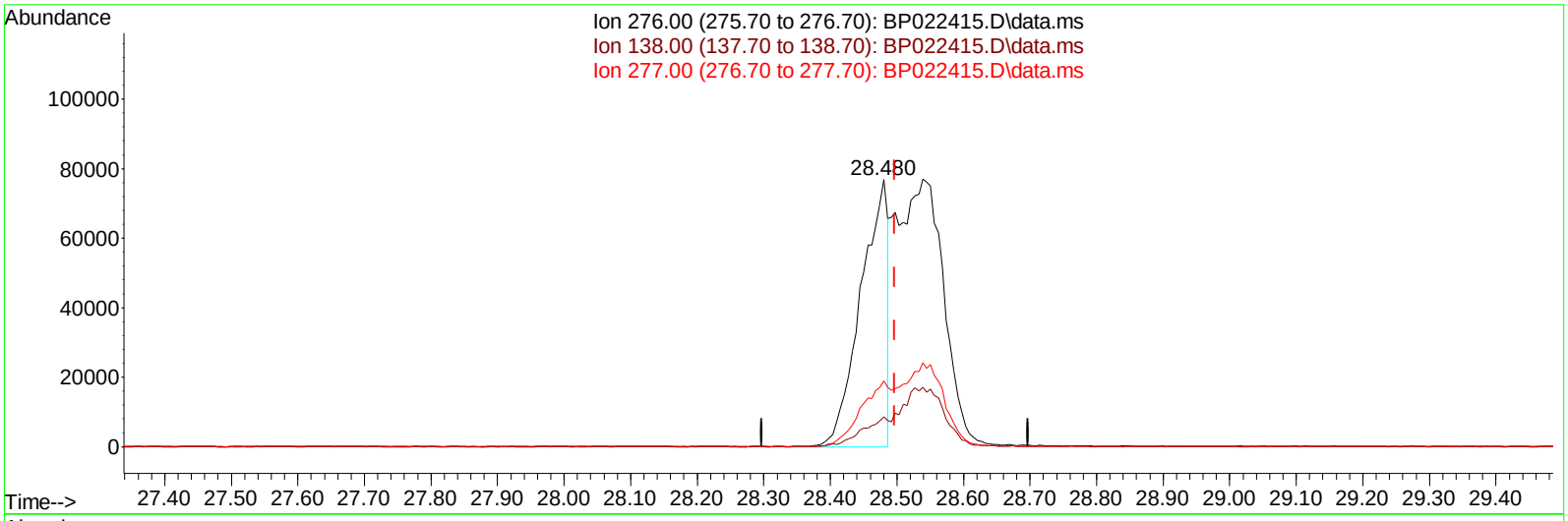
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022415.D
Acq On : 16 Oct 2024 15:48
Operator : RC/JU
Sample : P4284-09DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

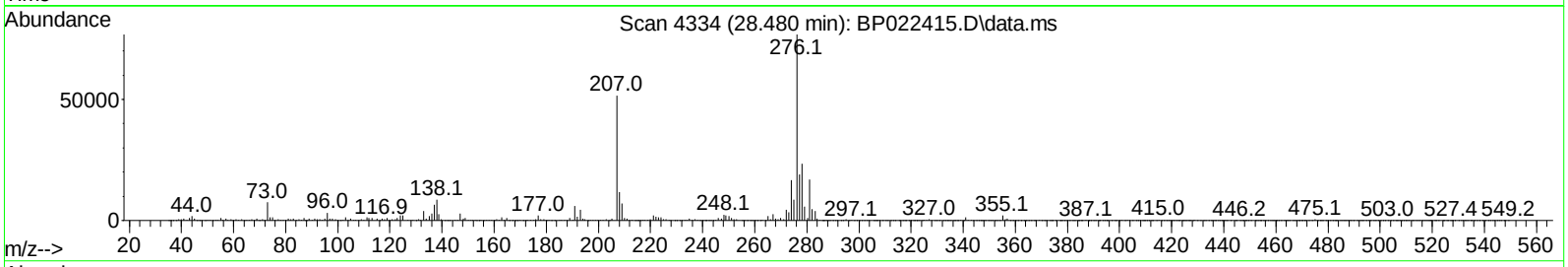
Quant Time: Oct 16 16:13:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 11:47:52 2024
Response via : Initial Calibration

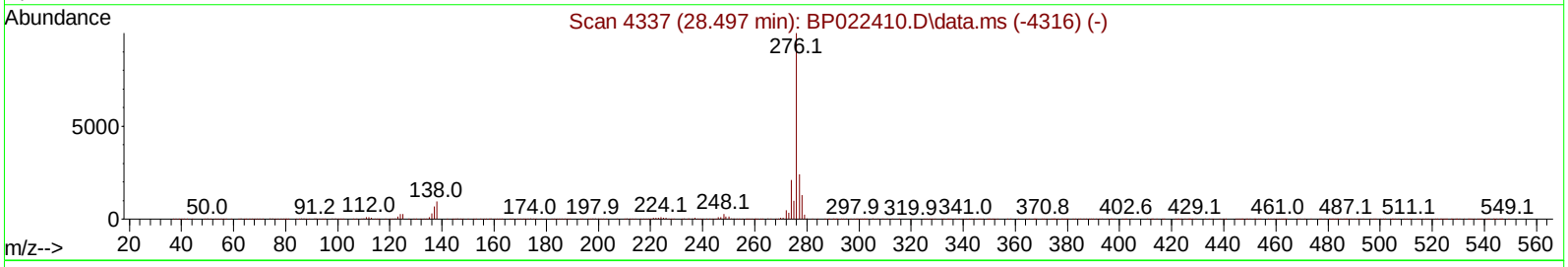
**Instrument :**
BNA_P
**ClientSampleId :**
A4E76DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024




TIC: BP022415.D\data.ms

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

**28.480min (-0.017) 3.16 ng/ul**

**response 215246**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.40 | 11.25 |
| 277.00 | 23.20 | 24.77 |
| 0.00 | 0.00 | 0.00 |

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Operator : RC/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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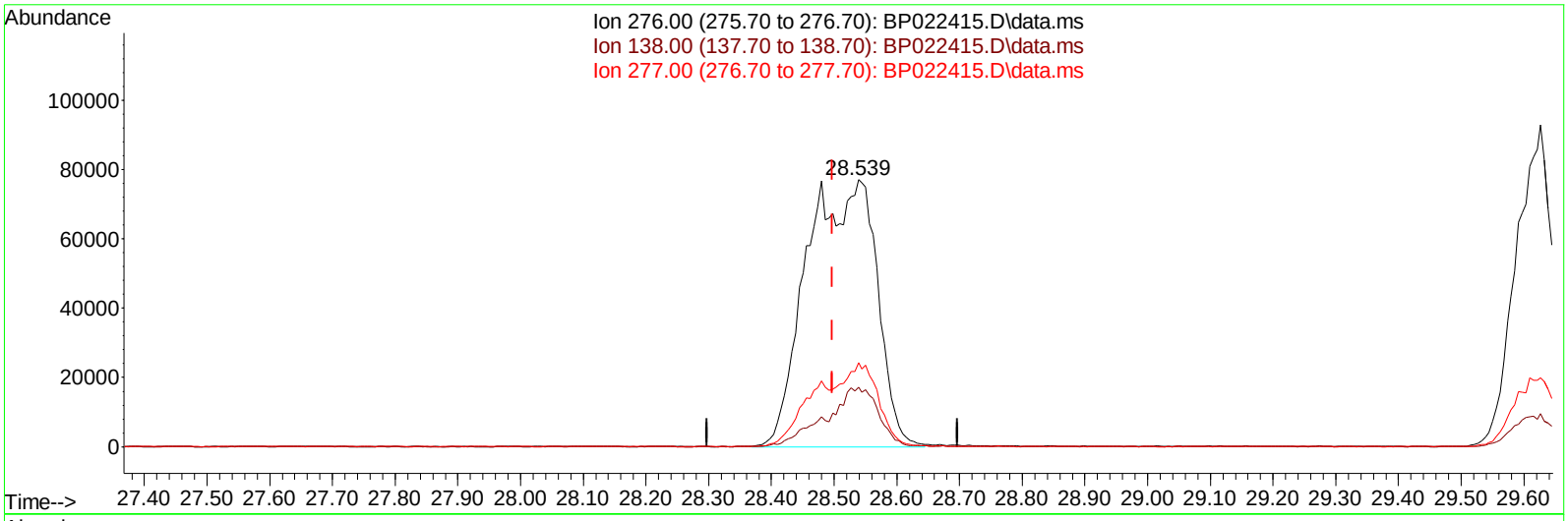
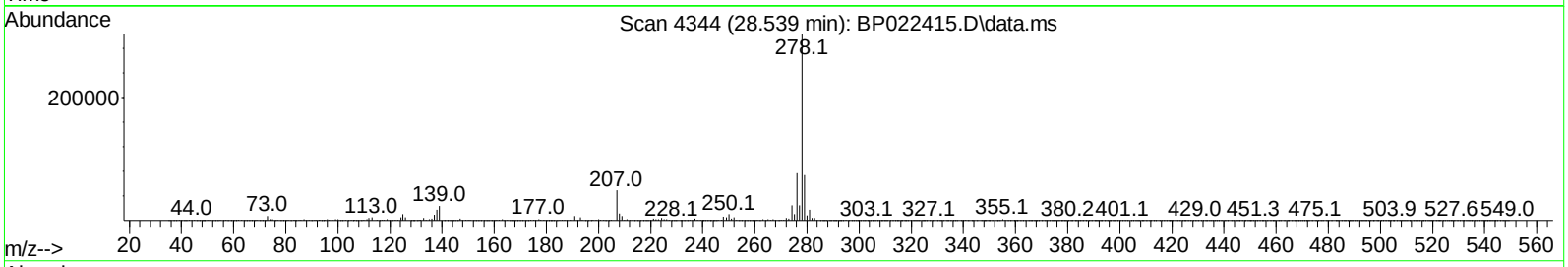
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 11:47:52 2024
Response via : Initial Calibration

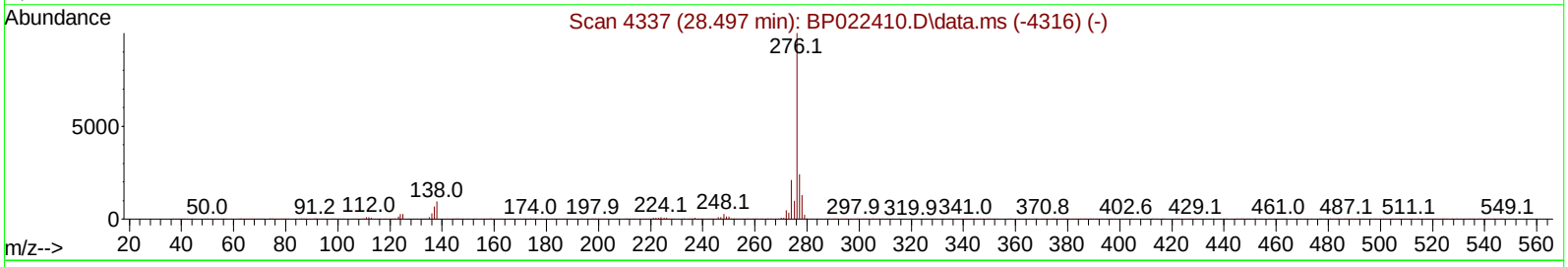
**Instrument :**
BNA_P
**ClientSampleId :**
A4E76DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024




TIC: BP022415.D\data.ms

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

**28.539min (+ 0.041) 8.75 ng/ul m**

**response 595403**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.40 | 22.32# |
| 277.00 | 23.20 | 31.38# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022415.D
Acq On : 16 Oct 2024 15:48
Operator : RC/JU
Sample : P4284-09DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 16 16:16:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 11:47:52 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4E76DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.669 | 152 | 90892 | 20.000 | ng/ul | 0.04 |
| 20) Naphthalene-d8 | 10.422 | 136 | 329889 | 20.000 | ng/ul | 0.03 |
| 38) Acenaphthene-d10 | 14.281 | 164 | 246752 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.075 | 188 | 604924 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.521 | 240 | 717851 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.774 | 264 | 880648 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.199 | 96 | 2397 | 1.025 | ng/uL | 0.02 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.852 | 99 | 46926 | 6.133 | ng/ul | 0.03 |
| 9) Bis-(2-Chloroethyl)eth... | 7.005 | 67 | 28826 | 6.410 | ng/ul | 0.03 |
| 11) 2-Chlorophenol-d4 | 7.205 | 132 | 36399 | 6.705 | ng/ul | 0.03 |
| 15) 4-Methylphenol-d8 | 8.369 | 113 | 37283 | 6.106 | ng/ul | 0.04 |
| 21) Nitrobenzene-d5 | 8.804 | 128 | 17724 | 6.988 | ng/ul | 0.04 |
| 24) 2-Nitrophenol-d4 | 9.516 | 143 | 20964 | 7.139 | ng/ul | 0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.051 | 165 | 51102 | 8.188 | ng/ul | 0.03 |
| 31) 4-Chloroaniline-d4 | 10.563 | 131 | 40266 | 5.460 | ng/ul | 0.03 |
| 46) Dimethylphthalate-d6 | 13.692 | 166 | 152730 | 7.790 | ng/ul | 0.02 |
| 49) Acenaphthylene-d8 | 13.969 | 160 | 158390 | 7.607 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.492 | 143 | 20226 | 6.150 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.286 | 176 | 133569 | 7.855 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.434 | 200 | 20883 | 5.249 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.180 | 188 | 225312 | 7.918 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.551 | 212 | 311646 | 8.210 | ng/ul | -0.02 |
| 92) Benzo(a)pyrene-d12 | 24.545 | 264 | 375949 | 7.994 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.881 | 94 | 77383 | 9.721 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.099 | 93 | 344648 | 57.852 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.240 | 128 | 147259 | 26.231 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.457 | 70 | 293897 | 57.546 | ng/ul | 96 |
| 19) Hexachloroethane | 8.722 | 117 | 101597 | 38.859 | ng/ul | 99 |
| 22) Nitrobenzene | 8.851 | 77 | 83374 | 11.012 | ng/ul | 97 |
| 23) Isophorone | 9.369 | 82 | 656138 | 48.334 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.551 | 139 | 44429 | 14.038 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 9.840 | 93 | 436807 | 56.669 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.081 | 162 | 200806 | 32.671 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.751 | 225 | 231937 | 44.773 | ng/ul | 99 |
| 35) 4-Chloro-3-methylphenol | 11.716 | 107 | 77880 | 11.613 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.081 | 142 | 207482 | 16.087 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 12.704 | 196 | 295574 | 51.502 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.787 | 196 | 68202 | 11.161 | ng/ul | 96 |
| 48) 2,6-Dinitrotoluene | 13.851 | 165 | 262829 | 71.129 | ng/ul | 96 |
| 50) Acenaphthylene | 13.998 | 152 | 126745 | 5.865 | ng/ul | 98 |
| 52) Acenaphthene | 14.357 | 153 | 516221 | 33.780 | ng/ul | 100 |
| 55) 4-Nitrophenol | 14.516 | 109 | 89785 | 24.596 | ng/ul | 93 |
| 57) 2,4-Dinitrotoluene | 14.663 | 165 | 258041 | 44.940 | ng/ul | 99 |
| 61) Fluorene | 15.351 | 166 | 935800 | 50.033 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.345 | 204 | 177404 | 16.586 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.251 | 248 | 89455 | 12.263 | ng/ul | 95 |

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Supervised By :mohammad ahmed 10/18/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 69) Hexachlorobenzene | 16.375 | 284 | 610355 | 67.974 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.728 | 266 | 356829 | 61.804 | ng/ul | 97 |
| 72) Phenanthrene | 17.122 | 178 | 418140 | 12.920 | ng/ul | 98 |
| 74) Anthracene | 17.216 | 178 | 410549 | 12.712 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.086 | 149 | 1593930 | 50.407 | ng/ul | 100 |
| 80) Fluoranthene | 19.210 | 202 | 1915094 | 43.883 | ng/ul | 99 |
| 82) Pyrene | 19.586 | 202 | 859258 | 18.370 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.539 | 149 | 195713 | 12.018 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.504 | 228 | 1794172 | 35.652 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.427 | 149 | 1220521 | 52.214 | ng/ul | 99 |
| 87) Chrysene | 21.563 | 228 | 2615052 | 56.042 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 23.739 | 252 | 2696116 | 48.637 | ng/ul# | 99 |
| 93) Benzo(a)pyrene | 24.615 | 252 | 560446 | 10.985 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.539 | 276 | 595403m | 8.745 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.539 | 278 | 1232177 | 22.350 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 29.627 | 276 | 407168 | 7.689 | ng/ul | 96 |

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

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