Quantitation Report (Qedit)

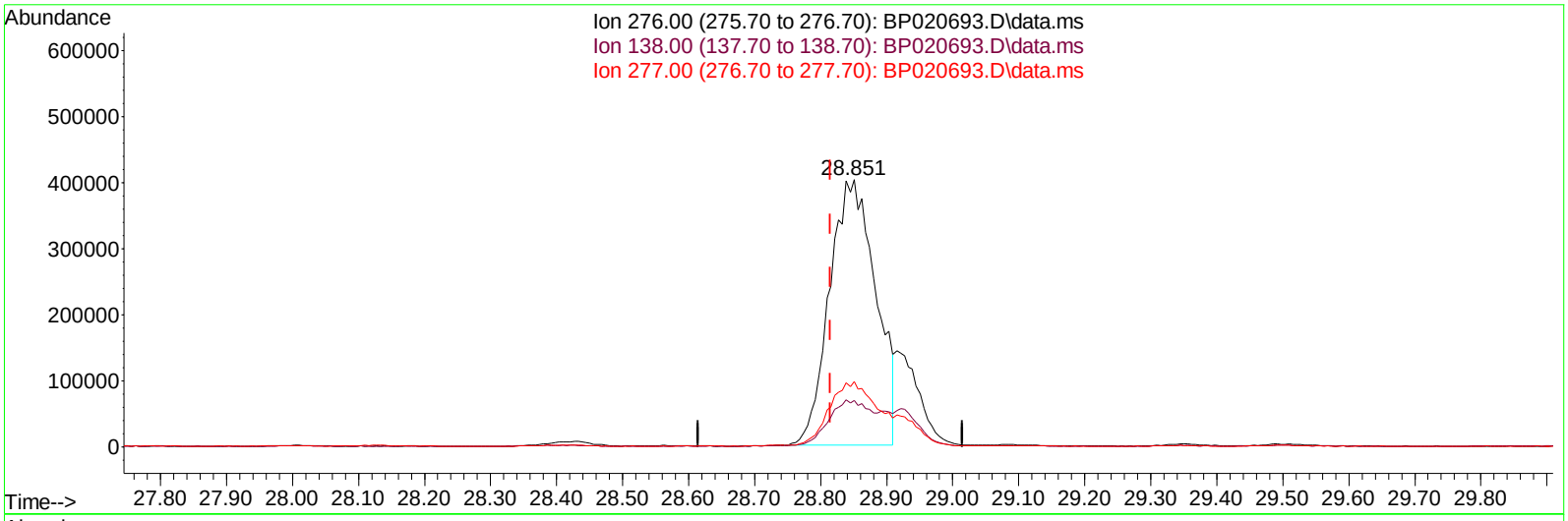
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020693.D
Acq On : 28 Jun 2024 14:47
Operator : MA/JU
Sample : P2934-07MSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

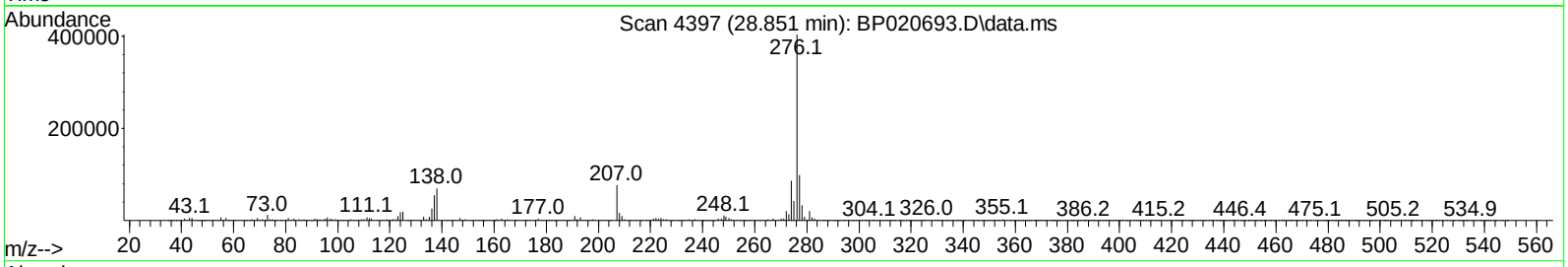
Quant Time: Jun 28 16:22:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

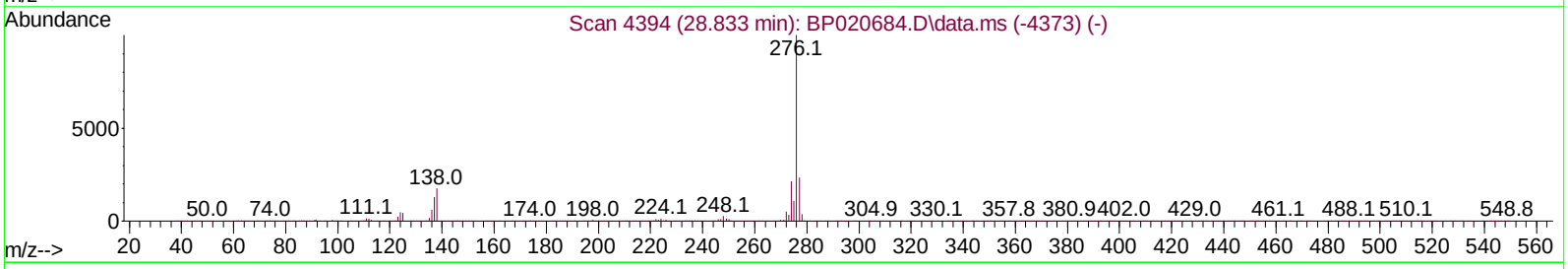
**Instrument :**
BNA_P
**ClientSampleId :**
A4B72MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024




TIC: BP020693.D\data.ms

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

**28.851min (+ 0.035) 31.35 ng/ul**

**response 1961867**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00 | 17.45 |
| 277.00 | 23.70 | 24.36 |
| 0.00 | 0.00 | 0.00 |

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BNA_P
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**Manual IntegrationsAPPROVED**

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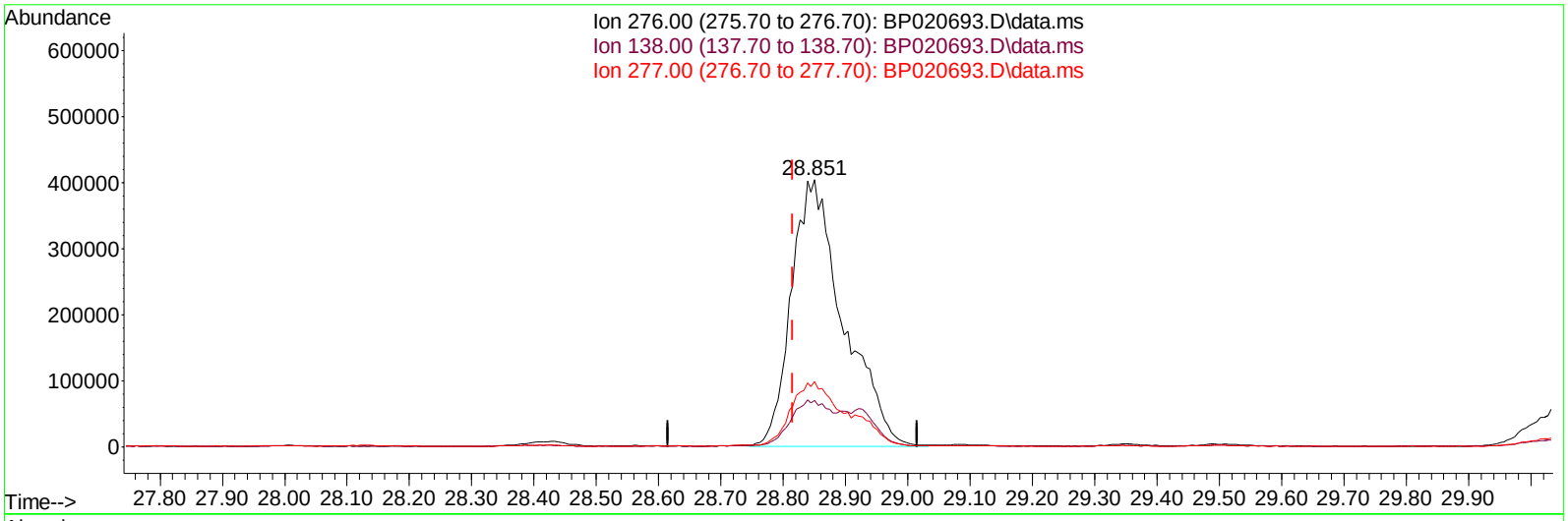


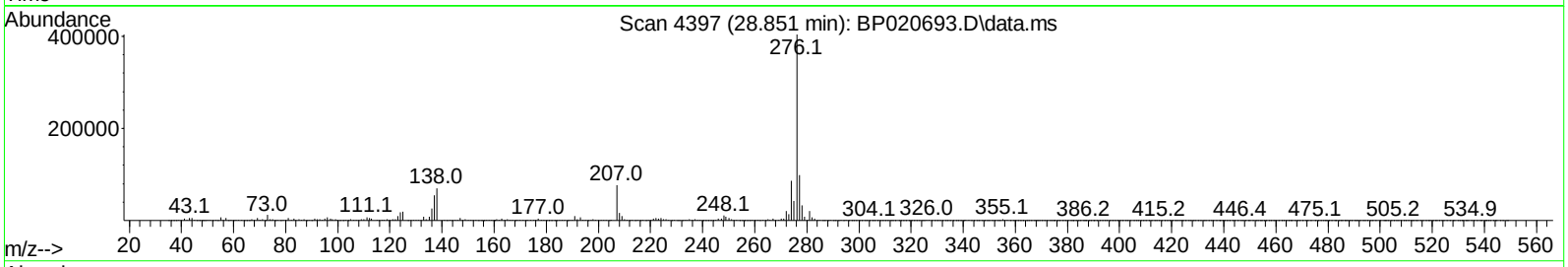


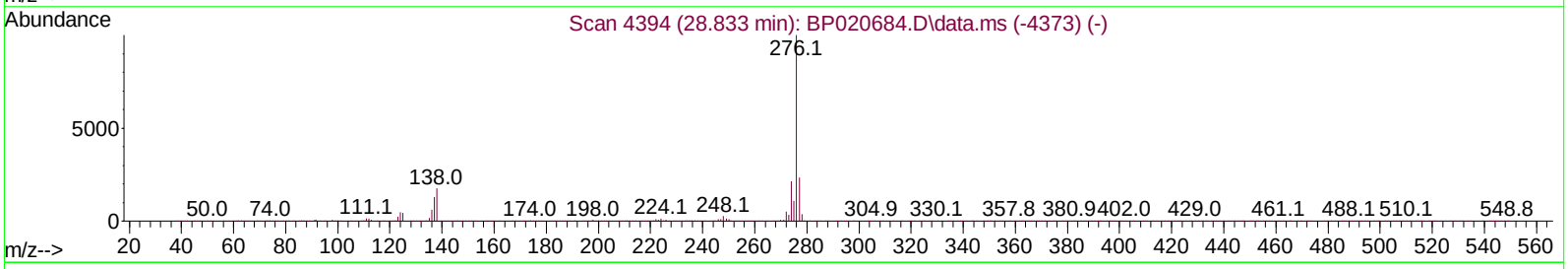


TIC: BP020693.D\data.ms

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

**28.851min (+ 0.035) 37.45 ng/ul m**

**response 2343838**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00 | 17.45 |
| 277.00 | 23.70 | 24.36 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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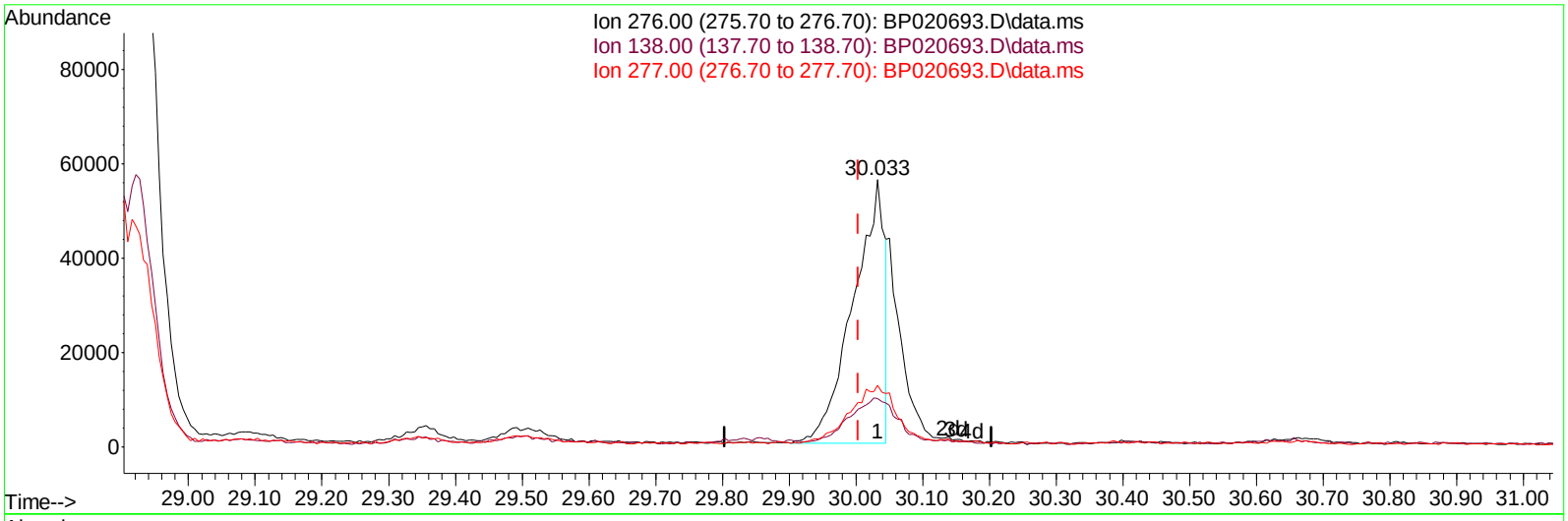


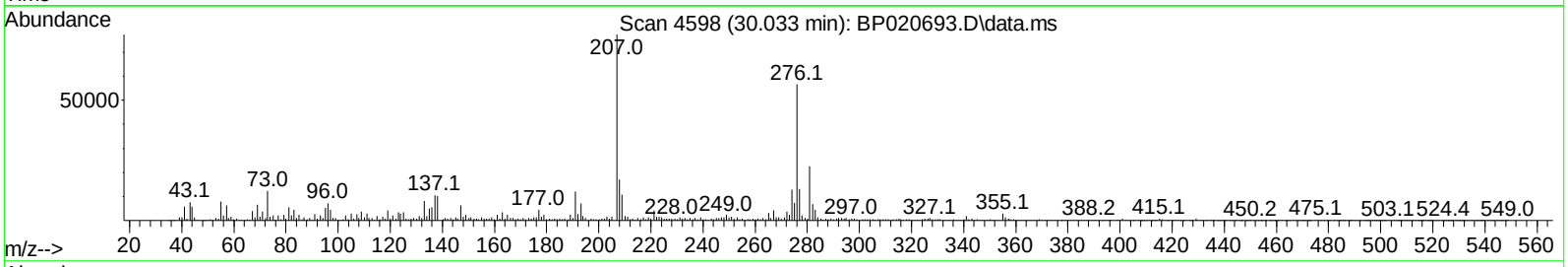


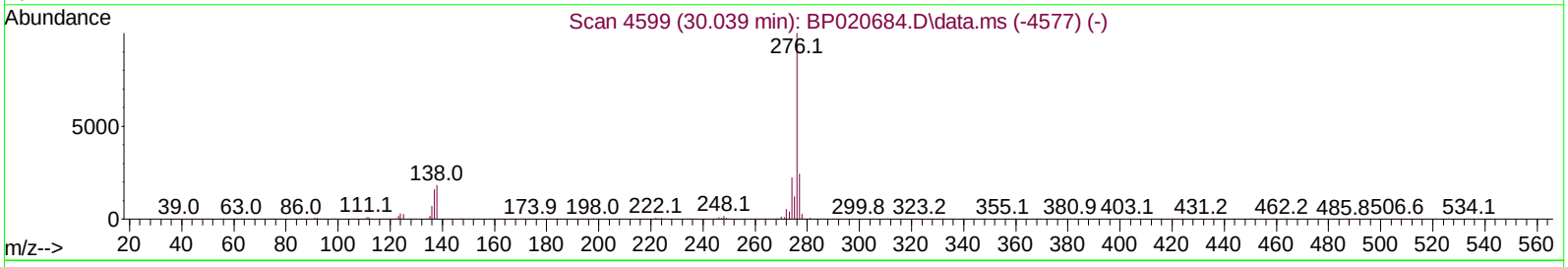


TIC: BP020693.D\data.ms

**(96) Benzo(g,h,i)perylene**

**30.033min (+ 0.029) 3.55 ng/ul**

**response 181258**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.50 | 18.06 |
| 277.00 | 23.40 | 22.98 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_P
**ClientSampleId :**
A4B72MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/28/2024
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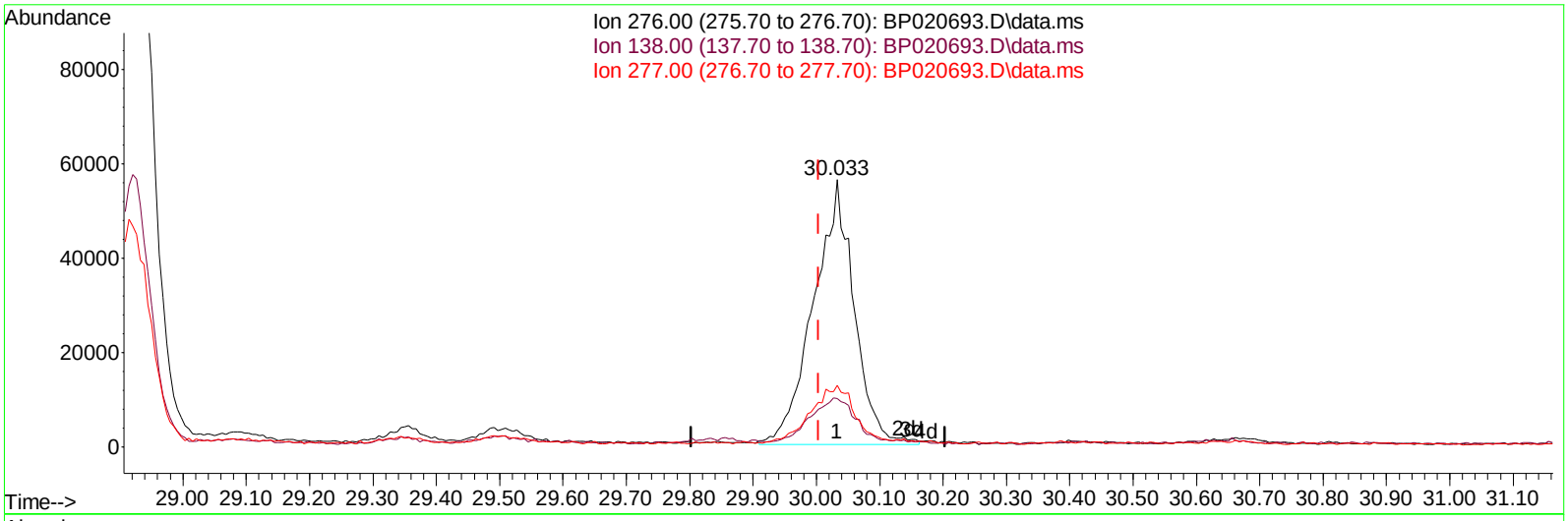


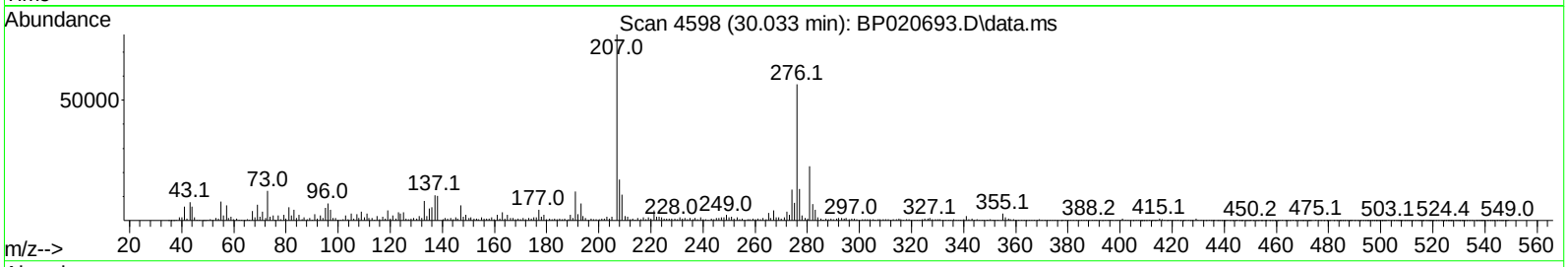


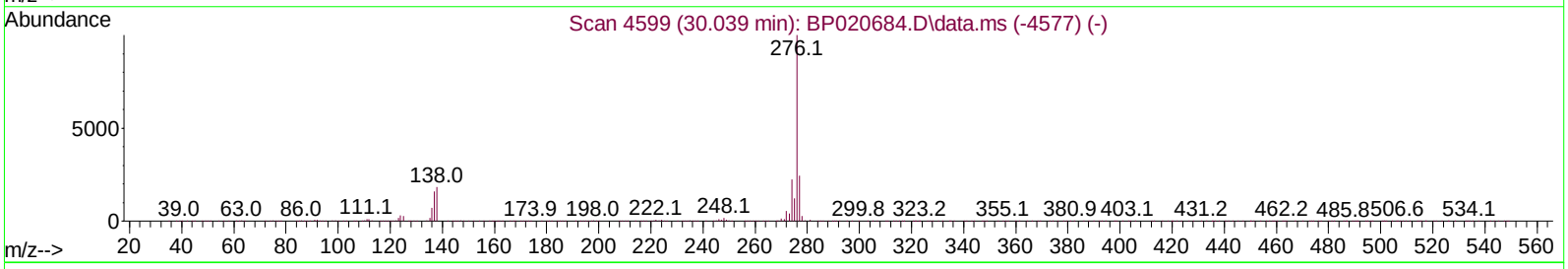


TIC: BP020693.D\data.ms

**(96) Benzo(g,h,i)perylene**

**30.033min (+ 0.029) 4.90 ng/ul m**

**response 250435**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.50 | 18.06 |
| 277.00 | 23.40 | 22.98 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4B72MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.740 | 152 | 212404 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.516 | 136 | 857171 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.375 | 164 | 539560 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.175 | 188 | 953206 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.651 | 240 | 671558 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 25.021 | 264 | 853111 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 17675 | 3.573 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 44646 | 3.097 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.928 | 99 | 417623 | 23.972 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.087 | 67 | 242616 | 21.968 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.287 | 132 | 344378 | 24.187 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.446 | 113 | 331370 | 23.420 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.899 | 128 | 171131 | 27.041 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.610 | 143 | 196240 | 30.987 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.140 | 165 | 374359 | 28.697 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.651 | 131 | 223323 | 12.215 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.781 | 166 | 1072420 | 28.586 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.069 | 160 | 1178748 | 26.332 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.592 | 143 | 146736 | 25.600 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.387 | 176 | 863169 | 27.343 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 200 | 144481 | 30.078 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.286 | 188 | 1166045 | 27.257 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.669 | 212 | 978399 | 24.251 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.786 | 264 | 806848 | 19.443 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 67009 | 12.106 | ng/uL | 94 |
| 5) Pyridine | 3.711 | 79 | 99711 | 6.677 | ng/ul | 99 |
| 6) Benzaldehyde | 6.910 | 77 | 246141 | 27.939 | ng/ul | 99 |
| 8) Phenol | 6.952 | 94 | 712215 | 40.090 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.181 | 93 | 530471 | 36.067 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.316 | 128 | 561792 | 39.251 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.187 | 108 | 505467 | 37.084 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.263 | 45 | 774327 | 34.642 | ng/ul | 99 |
| 16) Acetophenone | 8.563 | 105 | 939370 | 41.573 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.540 | 70 | 442727 | 36.862 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.510 | 108 | 575174 | 39.865 | ng/ul | 100 |
| 19) Hexachloroethane | 8.799 | 117 | 187652 | 30.201 | ng/ul | 98 |
| 22) Nitrobenzene | 8.940 | 77 | 634953 | 38.703 | ng/ul | 98 |
| 23) Isophorone | 9.457 | 82 | 1259759 | 38.755 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.640 | 139 | 334811 | 48.954 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.699 | 107 | 322922 | 20.273 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.934 | 93 | 737845 | 38.156 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.163 | 162 | 582000 | 45.074 | ng/ul | 98 |
| 30) Naphthalene | 10.563 | 128 | 1825915 | 39.798 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.681 | 127 | 353208 | 20.067 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.840 | 225 | 400191 | 41.456 | ng/ul | 98 |
| 34) Caprolactam | 11.487 | 113 | 156854 | 39.919 | ng/ul | 87 |
| 35) 4-Chloro-3-methylphenol | 11.810 | 107 | 633734 | 44.453 | ng/ul | 97 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.181 | 142 | 1276567 | 41.537 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.387 | 142 | 1313433 | 41.806 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.551 | 216 | 737541 | 42.754 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.522 | 237 | 228672 | 21.297 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.793 | 196 | 486189 | 47.244 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.869 | 196 | 525398 | 49.226 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.204 | 154 | 1661771 | 41.182 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.245 | 162 | 1315805 | 41.401 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.451 | 65 | 392003 | 48.969 | ng/ul | 94 |
| 47) Dimethylphthalate | 13.828 | 163 | 1691902 | 44.274 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.957 | 165 | 352015 | 51.659 | ng/ul | 95 |
| 50) Acenaphthylene | 14.092 | 152 | 2073743 | 41.011 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.287 | 138 | 271029 | 42.794 | ng/ul | 92 |
| 52) Acenaphthene | 14.440 | 153 | 1377435 | 41.065 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.498 | 184 | 157645 | 44.600 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.610 | 109 | 223984 | 43.666 | ng/ul | 97 |
| 56) Dibenzofuran | 14.781 | 168 | 1932549 | 42.756 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.757 | 165 | 491146 | 52.216 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.010 | 232 | 420355 | 47.685 | ng/ul | 94 |
| 59) Diethylphthalate | 15.216 | 149 | 1654903 | 43.903 | ng/ul | 98 |
| 61) Fluorene | 15.445 | 166 | 1523808 | 41.960 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.439 | 204 | 807153 | 42.592 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.469 | 138 | 293448 | 48.821 | ng/ul | 94 |
| 66) 4,6-Dinitro-2-methylph... | 15.534 | 198 | 246839 | 47.970 | ng/ul | 93 |
| 67) N-Nitrosodiphenylamine | 15.657 | 169 | 1293746 | 46.023 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.351 | 248 | 510527 | 48.017 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.457 | 284 | 455032 | 38.232 | ng/ul | 96 |
| 70) Atrazine | 16.645 | 200 | 360775 | 36.405 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.816 | 266 | 301109 | 43.943 | ng/ul | 98 |
| 72) Phenanthrene | 17.228 | 178 | 2457415 | 49.232 | ng/ul | 100 |
| 74) Anthracene | 17.322 | 178 | 2173617 | 42.334 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.157 | 216 | 761587 | 49.220 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.692 | 250 | 602584 | 40.861 | ng/uL | 99 |
| 77) Carbazole | 17.604 | 167 | 1672782 | 39.477 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.192 | 149 | 2612426 | 47.467 | ng/ul | 100 |
| 80) Fluoranthene | 19.322 | 202 | 2658634 | 53.948 | ng/ul | 98 |
| 82) Pyrene | 19.704 | 202 | 2188095 | 43.293 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.663 | 149 | 883588 | 47.082 | ng/ul | 94 |
| 84) 3,3'-Dichlorobenzidine | 21.551 | 252 | 249069 | 16.775 | ng/ul | 96 |
| 85) Benzo(a)anthracene | 21.633 | 228 | 2372225 | 50.397 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.569 | 149 | 1245880 | 42.757 | ng/ul | 100 |
| 87) Chrysene | 21.698 | 228 | 2243634 | 50.428 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.863 | 149 | 2185168 | 39.899 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.963 | 252 | 2615791 | 50.613 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.027 | 252 | 2440115 | 46.675 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.862 | 252 | 1282630 | 26.290 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.851 | 276 | 2343838m | 37.455 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.927 | 278 | 2326125 | 45.228 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 30.033 | 276 | 250435m | 4.902 | ng/ul | |

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

**Instrument :**
BNA_P
**ClientSampleId :**
A4B72MSD

**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 06/29/2024

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