Quantitation Report (Qedit)

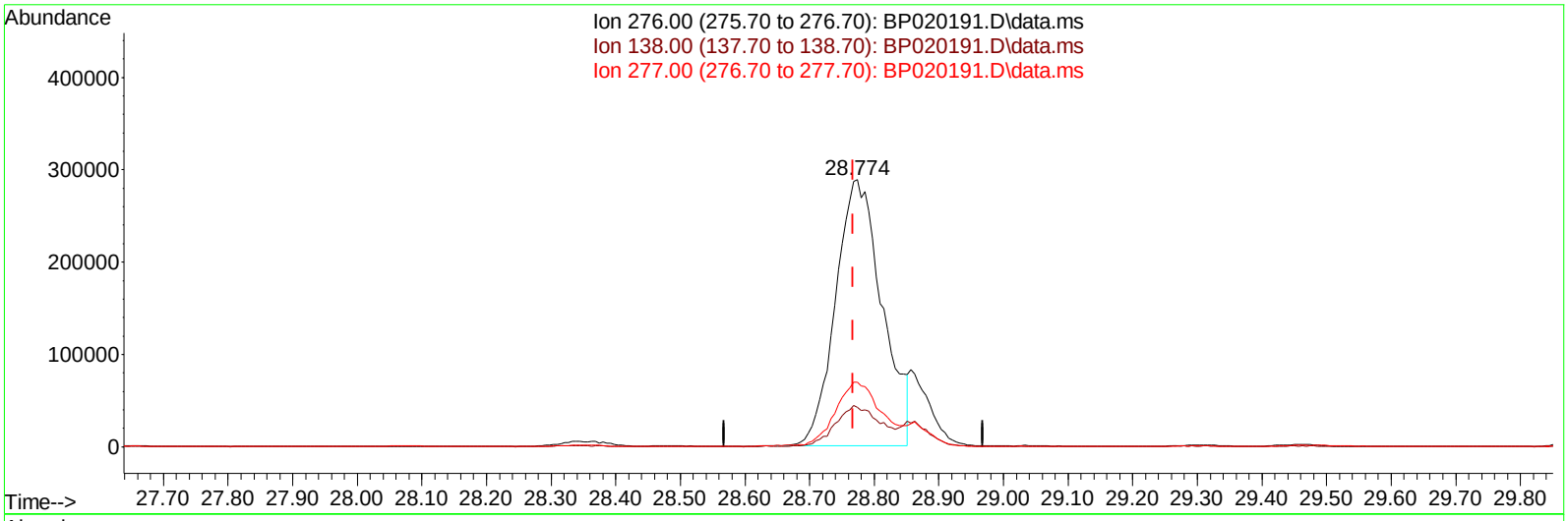
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020191.D
Acq On : 04 May 2024 01:52
Operator : MA/JU
Sample : P2238-10MS
Misc :
ALS Vial : 59 Sample Multiplier: 1

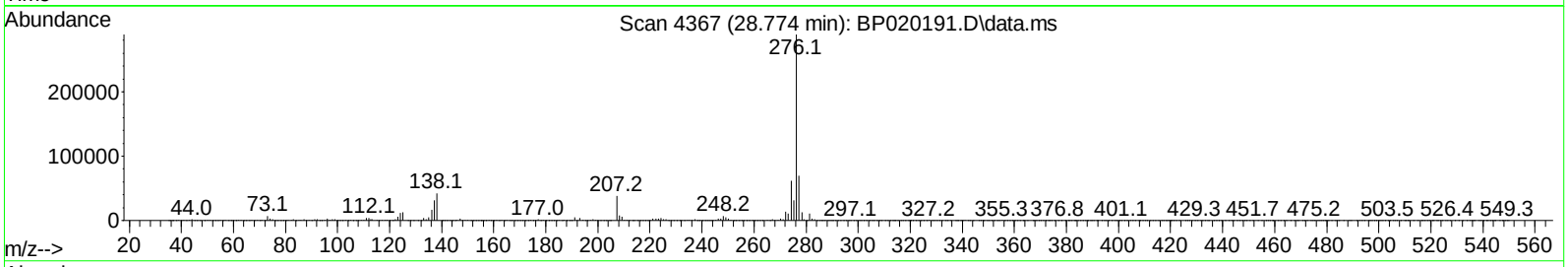
Quant Time: May 04 02:24:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

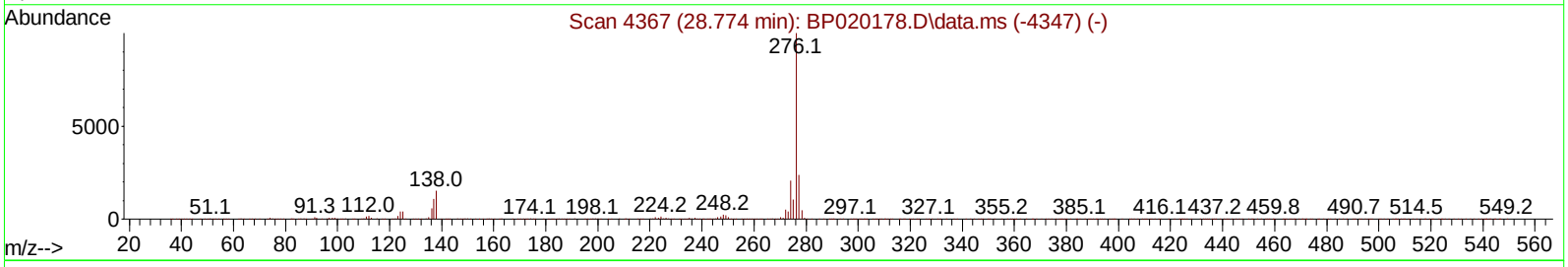
**Instrument :**
BNA_P
**ClientSampleId :**
E1CX6MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024




TIC: BP020191.D\data.ms

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

**28.774min (+ 0.006) 47.17 ng/ul**

**response 1449621**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 15.40 | 14.65 |
| 277.00 | 23.70 | 24.25 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
E1CX6MS

**Manual IntegrationsAPPROVED**

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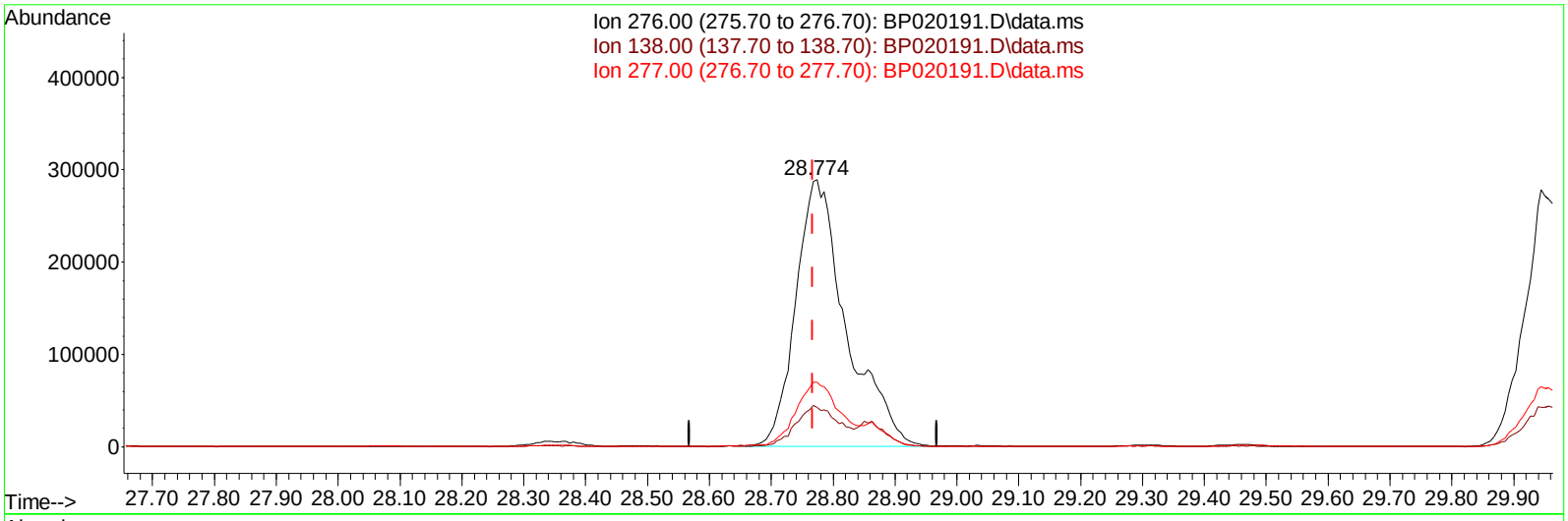


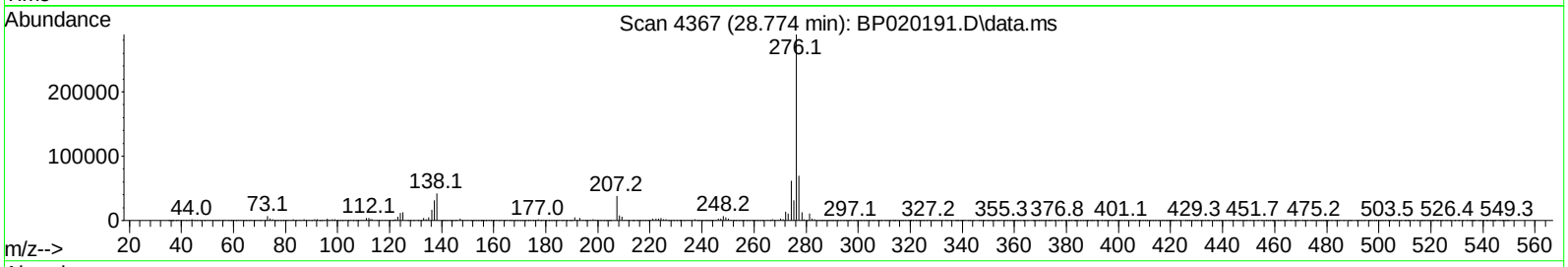


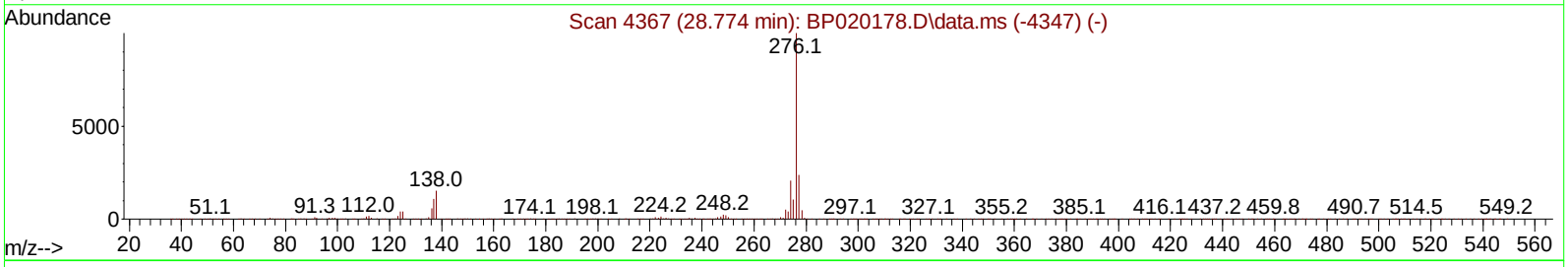


TIC: BP020191.D\data.ms

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

**28.774min (+ 0.006) 53.41 ng/ul m**

**response 1641665**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 15.40 | 14.65 |
| 277.00 | 23.70 | 24.25 |
| 0.00 | 0.00 | 0.00 |

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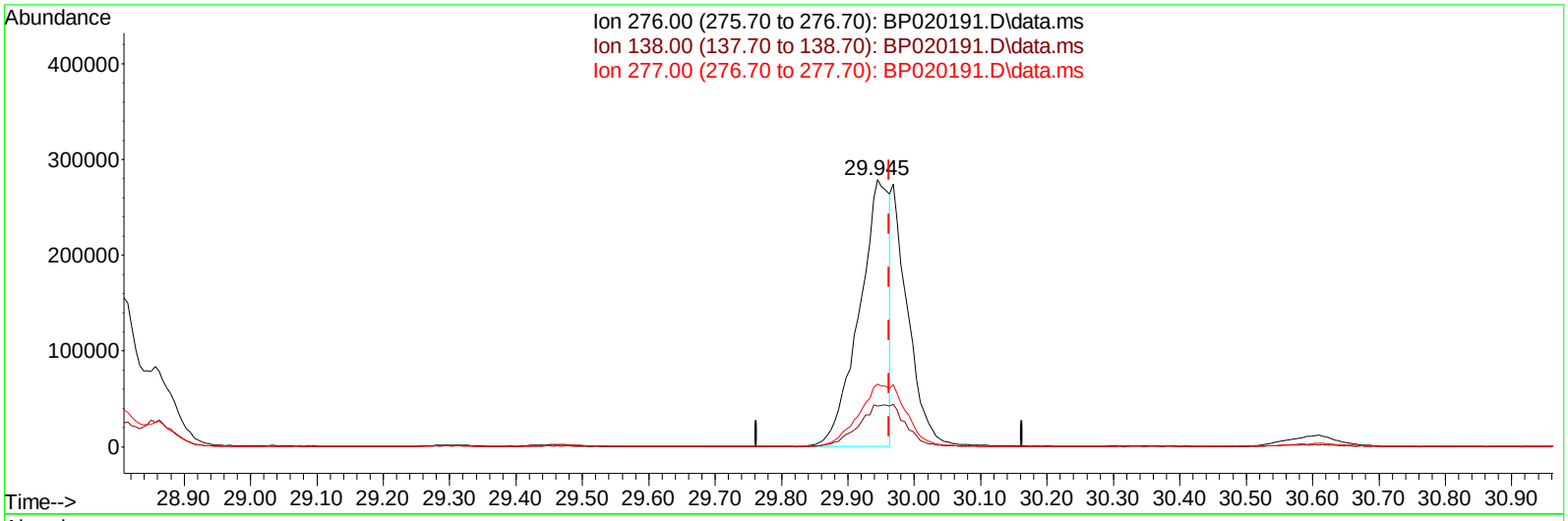


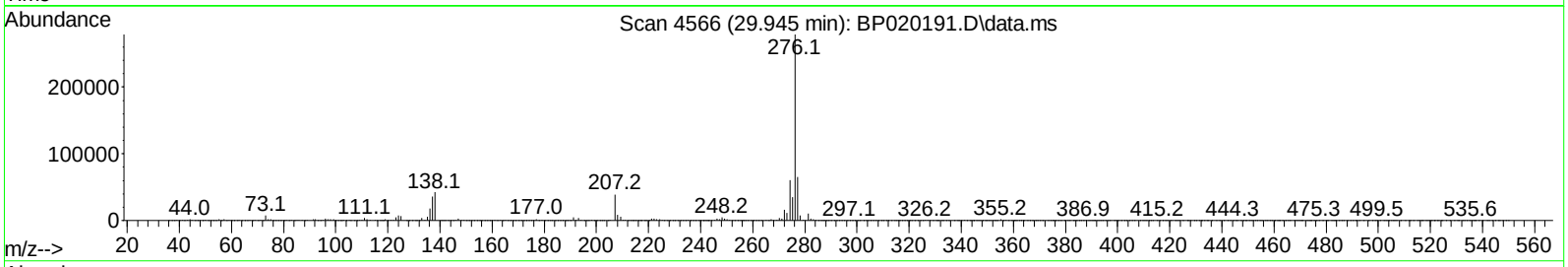


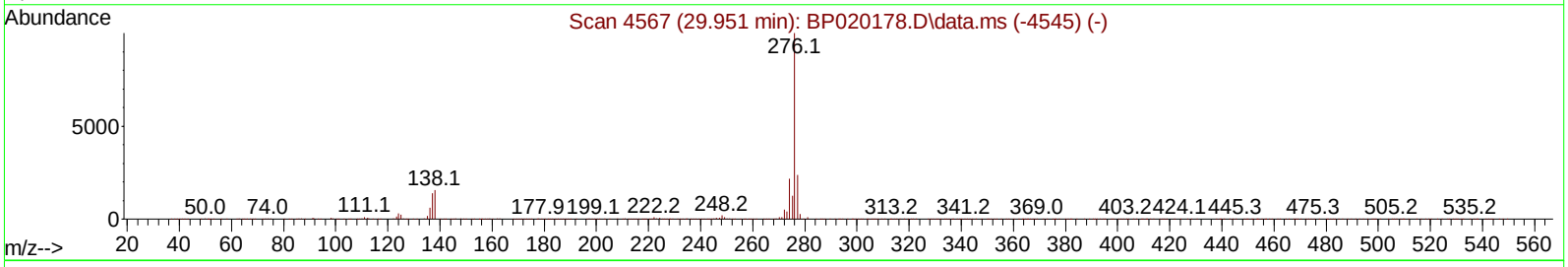


TIC: BP020191.D\data.ms

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

**29.945min (-0.017) 35.03 ng/ul**

**response 868364**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 14.50 | 15.23 |
| 277.00 | 24.20 | 23.44 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_P
**ClientSampleId :**
E1CX6MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 05/04/2024
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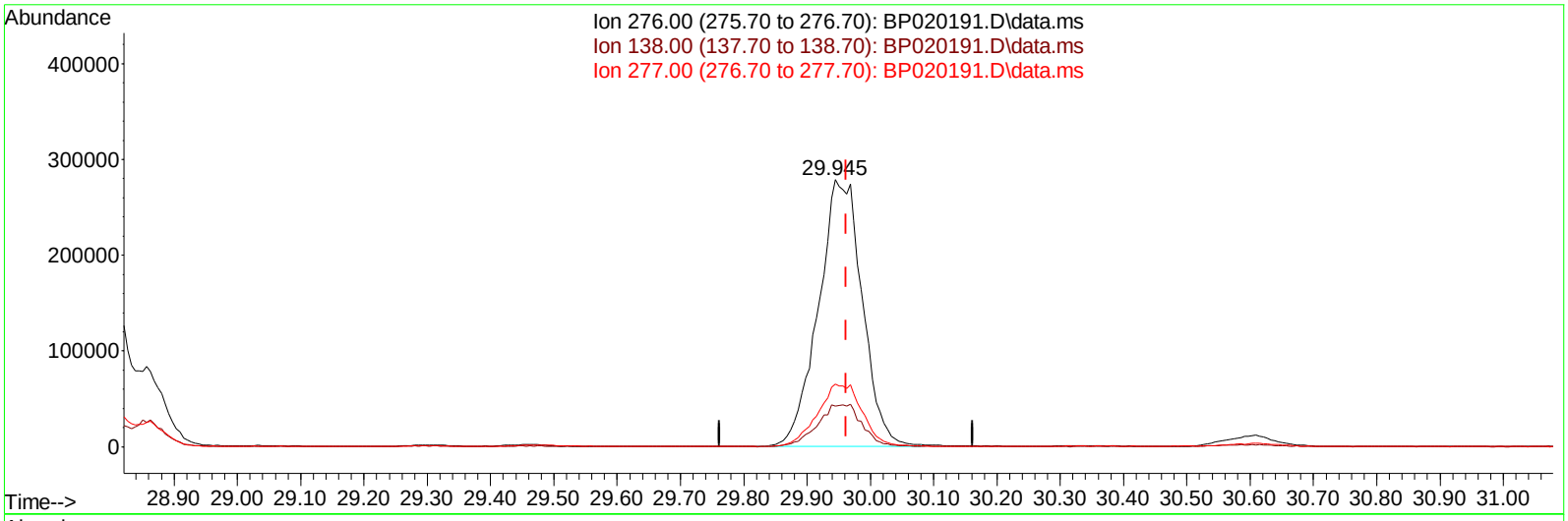


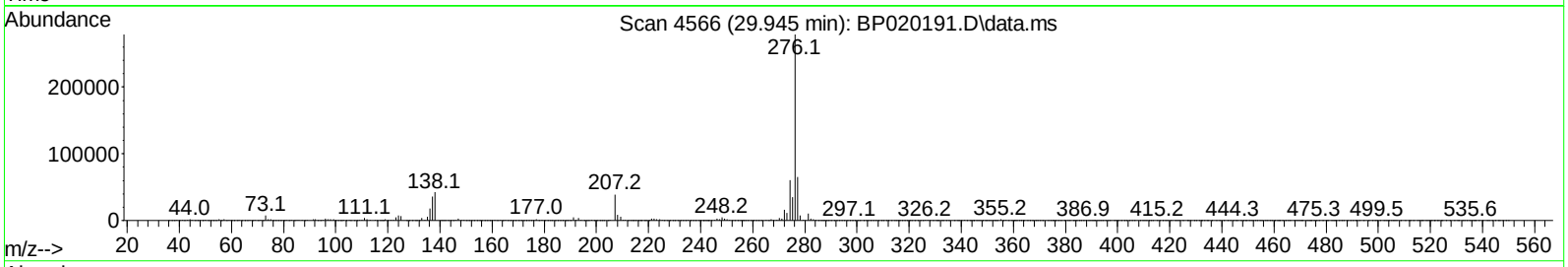


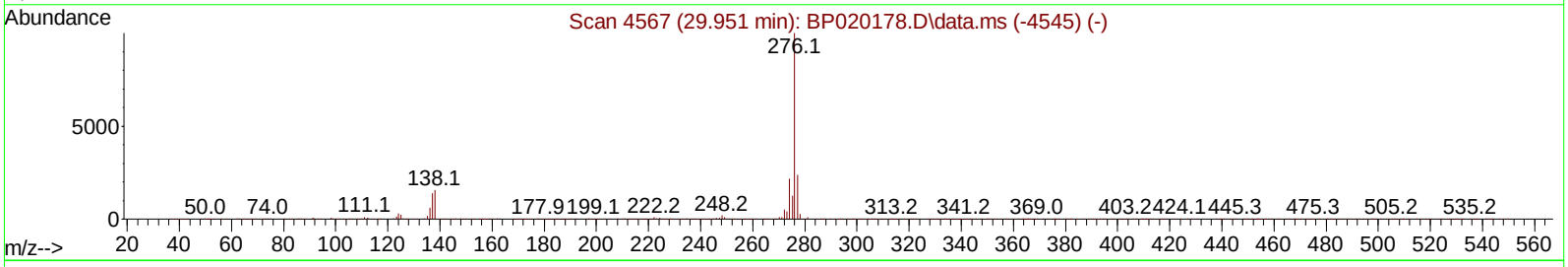


TIC: BP020191.D\data.ms

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

**29.945min (-0.017) 54.16 ng/ul m**

**response 1342570**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 14.50 | 15.23 |
| 277.00 | 24.20 | 23.44 |
| 0.00 | 0.00 | 0.00 |

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ALS Vial : 59 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 06:07:25 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
E1CX6MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.622 | 152 | 101509 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.393 | 136 | 438795 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.298 | 164 | 295145 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.128 | 188 | 643118 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.627 | 240 | 460597 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.980 | 264 | 442958 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.217 | 96 | 16134 | 6.713 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.617 | 84 | 178770 | 25.598 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.811 | 99 | 154705 | 17.747 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.975 | 67 | 169186 | 31.948 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.158 | 132 | 44977 | 7.217 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.328 | 113 | 203879 | 28.928 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.781 | 128 | 109174 | 33.226 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.493 | 143 | 11260 | 2.992 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.034 | 165 | 38490 | 5.605 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.551 | 131 | 302892 | 31.518 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.710 | 166 | 798246 | 37.036 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.987 | 160 | 856442 | 35.971 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.551 | 143 | 575 | 0.174 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.322 | 176 | 662482 | 36.851 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.487 | 200 | 3209 | 0.786 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.239 | 188 | 1030423 | 37.037 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.633 | 212 | 1127373 | 41.872 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.745 | 264 | 791000 | 36.932 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.252 | 88 | 29642 | 10.868 | ng/uL | 98 |
| 5) Pyridine | 3.634 | 79 | 232712 | 32.944 | ng/ul | 97 |
| 6) Benzaldehyde | 6.793 | 77 | 213751 | 48.782 | ng/ul | 98 |
| 8) Phenol | 6.834 | 94 | 360777 | 40.097 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.069 | 93 | 267552 | 38.001 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.193 | 128 | 261011 | 40.115 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.063 | 108 | 263664 | 39.285 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.152 | 45 | 333953 | 38.023 | ng/ul | 99 |
| 16) Acetophenone | 8.452 | 105 | 464033 | 39.670 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.434 | 70 | 255334 | 40.224 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.393 | 108 | 297200 | 40.741 | ng/ul | 93 |
| 19) Hexachloroethane | 8.669 | 117 | 113583 | 38.173 | ng/ul | 94 |
| 22) Nitrobenzene | 8.828 | 77 | 363418 | 38.528 | ng/ul | 99 |
| 23) Isophorone | 9.346 | 82 | 712499 | 39.282 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.522 | 139 | 159720 | 40.979 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.581 | 107 | 321611 | 37.822 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.822 | 93 | 387394 | 38.526 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.057 | 162 | 291300 | 43.614 | ng/ul | 99 |
| 30) Naphthalene | 10.446 | 128 | 892721 | 39.471 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.575 | 127 | 319019 | 33.947 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.710 | 225 | 207209 | 39.943 | ng/ul | 97 |
| 34) Caprolactam | 11.393 | 113 | 116818 | 50.092 | ng/ul | 91 |
| 35) 4-Chloro-3-methylphenol | 11.704 | 107 | 366927 | 44.124 | ng/ul | 99 |

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**Instrument :**
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E1CX6MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.069 | 142 | 643162 | 40.870 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.293 | 142 | 644656 | 40.709 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.440 | 216 | 402888 | 43.769 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.398 | 237 | 126245 | 25.218 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.698 | 196 | 261661 | 45.329 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 12.781 | 196 | 291173 | 46.877 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.098 | 154 | 884347 | 42.363 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.145 | 162 | 683854 | 41.284 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.375 | 65 | 253571 | 46.150 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.757 | 163 | 935680 | 42.979 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.892 | 165 | 194697 | 44.986 | ng/ul | 96 |
| 50) Acenaphthylene | 14.016 | 152 | 1098476 | 41.019 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.228 | 138 | 182762 | 45.276 | ng/ul | 95 |
| 52) Acenaphthene | 14.363 | 153 | 761491 | 42.314 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.451 | 184 | 124464 | 46.852 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.563 | 109 | 143552 | 41.623 | ng/ul | 92 |
| 56) Dibenzofuran | 14.710 | 168 | 1083383 | 43.771 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.704 | 165 | 297025 | 47.735 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.945 | 232 | 255729 | 45.847 | ng/ul | 98 |
| 59) Diethylphthalate | 15.163 | 149 | 969839 | 44.627 | ng/ul | 99 |
| 61) Fluorene | 15.381 | 166 | 915588 | 44.520 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.375 | 204 | 486714 | 44.610 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.434 | 138 | 176797 | 52.556 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.487 | 198 | 183240 | 43.060 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.604 | 169 | 787089 | 43.955 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.298 | 248 | 308785 | 44.327 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.398 | 284 | 357907 | 44.360 | ng/ul | 98 |
| 70) Atrazine | 16.604 | 200 | 279612 | 44.037 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.769 | 266 | 220201 | 45.153 | ng/ul | 99 |
| 72) Phenanthrene | 17.175 | 178 | 1496183 | 45.598 | ng/ul | 99 |
| 74) Anthracene | 17.275 | 178 | 1410862 | 42.275 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.057 | 216 | 403004 | 42.163 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.622 | 250 | 410928 | 42.962 | ng/uL | 99 |
| 77) Carbazole | 17.569 | 167 | 1257791 | 43.749 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.163 | 149 | 1667601 | 47.852 | ng/ul | 100 |
| 80) Fluoranthene | 19.286 | 202 | 1783211 | 56.278 | ng/ul | 99 |
| 82) Pyrene | 19.663 | 202 | 1797991 | 54.537 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.639 | 149 | 638581 | 51.026 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.533 | 252 | 405213 | 43.227 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.610 | 228 | 1456696 | 46.628 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.551 | 149 | 841286 | 46.597 | ng/ul | 98 |
| 87) Chrysene | 21.674 | 228 | 1371199 | 47.356 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.851 | 149 | 1220019 | 43.007 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.910 | 252 | 1373871 | 52.140 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.986 | 252 | 1227384 | 45.708 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.821 | 252 | 1156988 | 46.147 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 28.774 | 276 | 1641665m | 53.414 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.862 | 278 | 1185275 | 46.624 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.945 | 276 | 1342570m | 54.161 | ng/ul | |

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

**Instrument :**
BNA_P
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