Quantitation Report (Qedit)

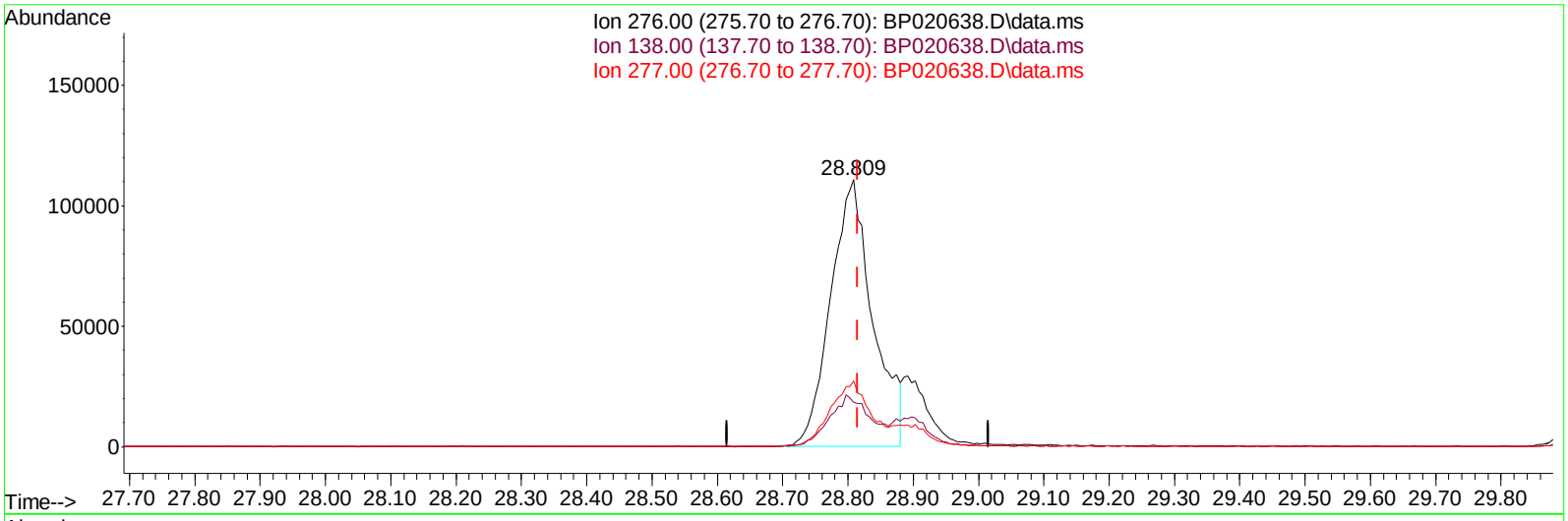
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062524\
Data File : BP020638.D
Acq On : 25 Jun 2024 14:48
Operator : MA/JU
Sample : SSTD01014
Misc :
ALS Vial : 3 Sample Multiplier: 1

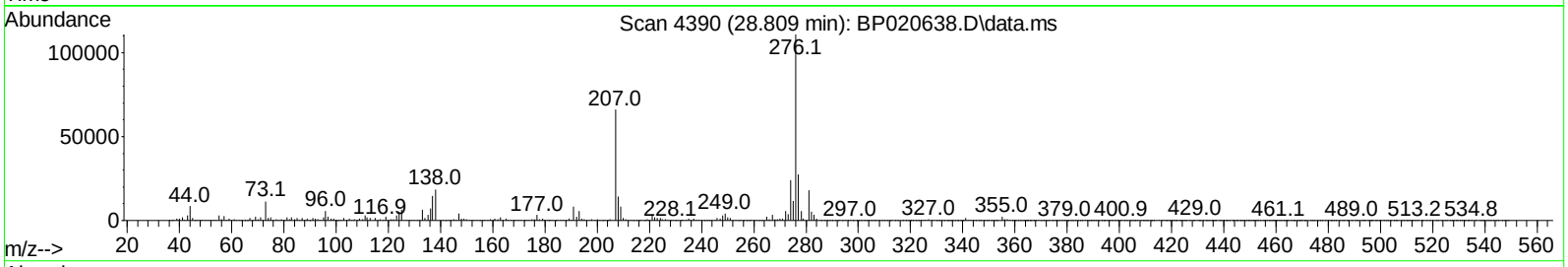
Quant Time: Jun 25 17:26:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 17:18:51 2024
Response via : Initial Calibration

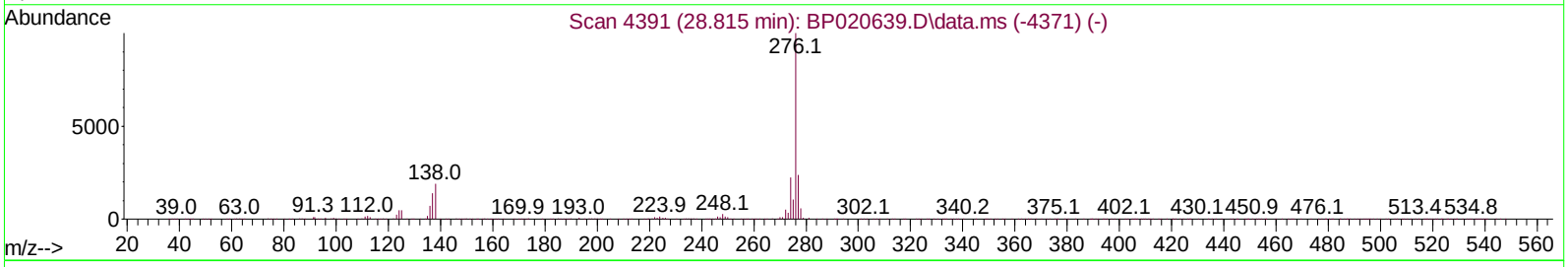
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD010638

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024




TIC: BP020638.D\data.ms

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

**28.809min (-0.006) 8.80 ng/ul**

**response 495148**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00 | 16.62 |
| 277.00 | 23.70 | 24.70 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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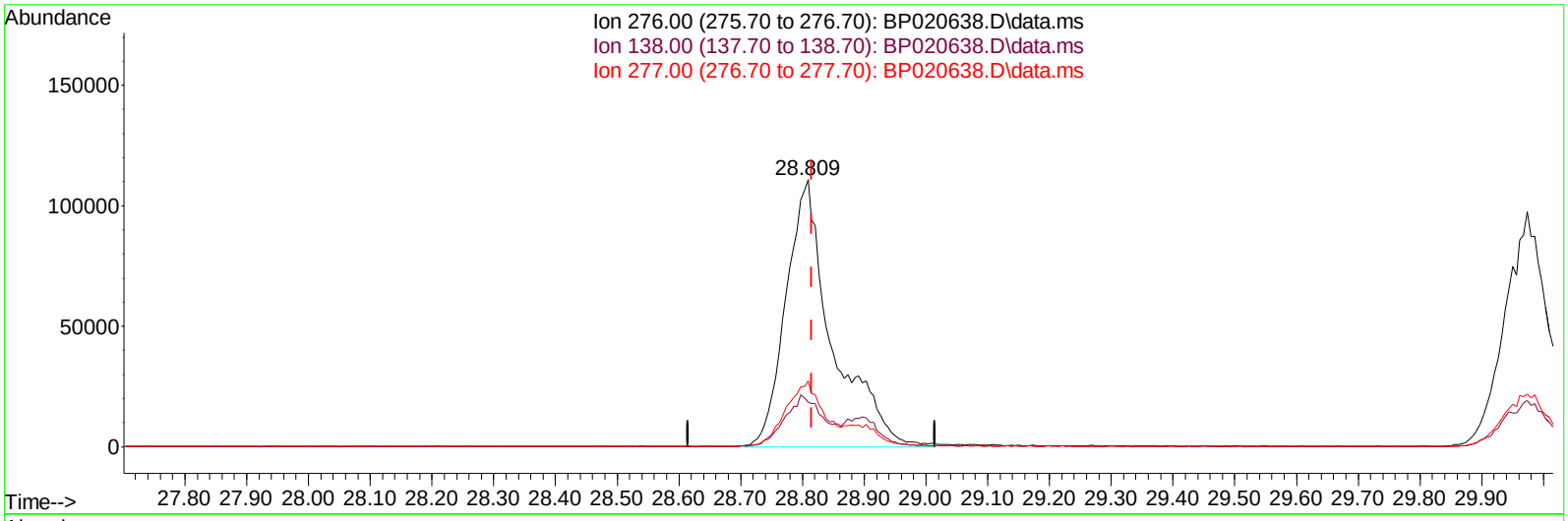


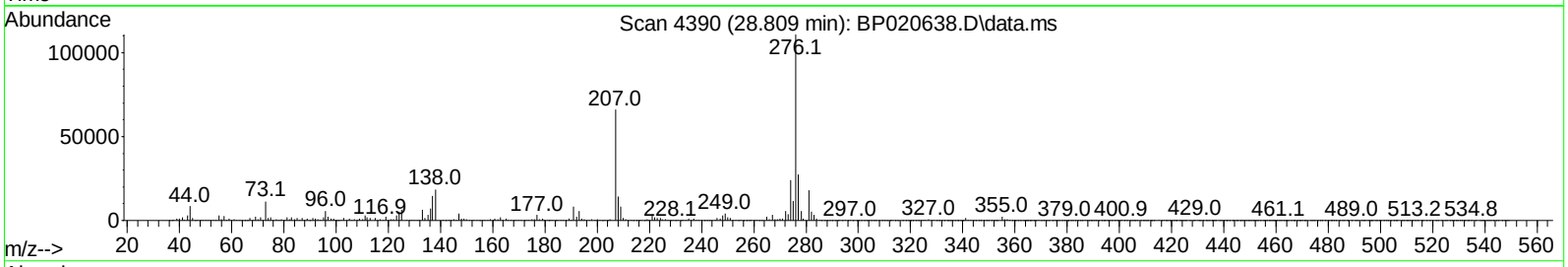


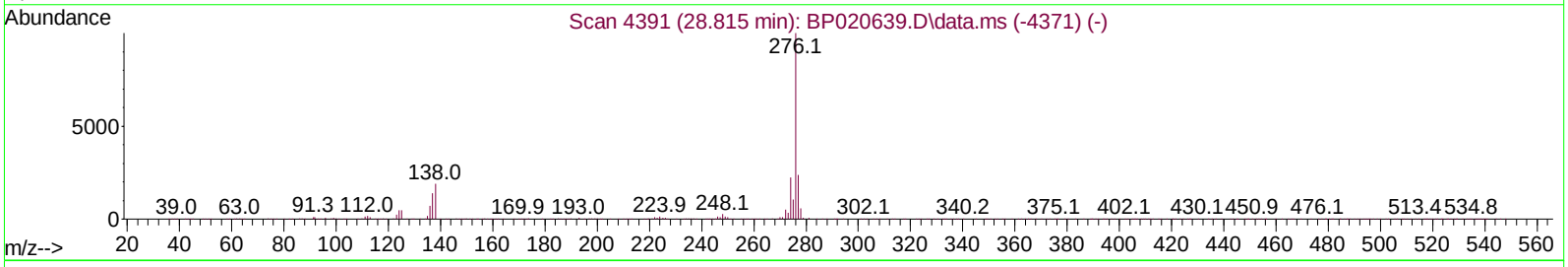


TIC: BP020638.D\data.ms

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

**28.809min (-0.006) 10.28 ng/ul m**

**response 578430**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.00 | 16.62 |
| 277.00 | 23.70 | 24.70 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
SSTD010638

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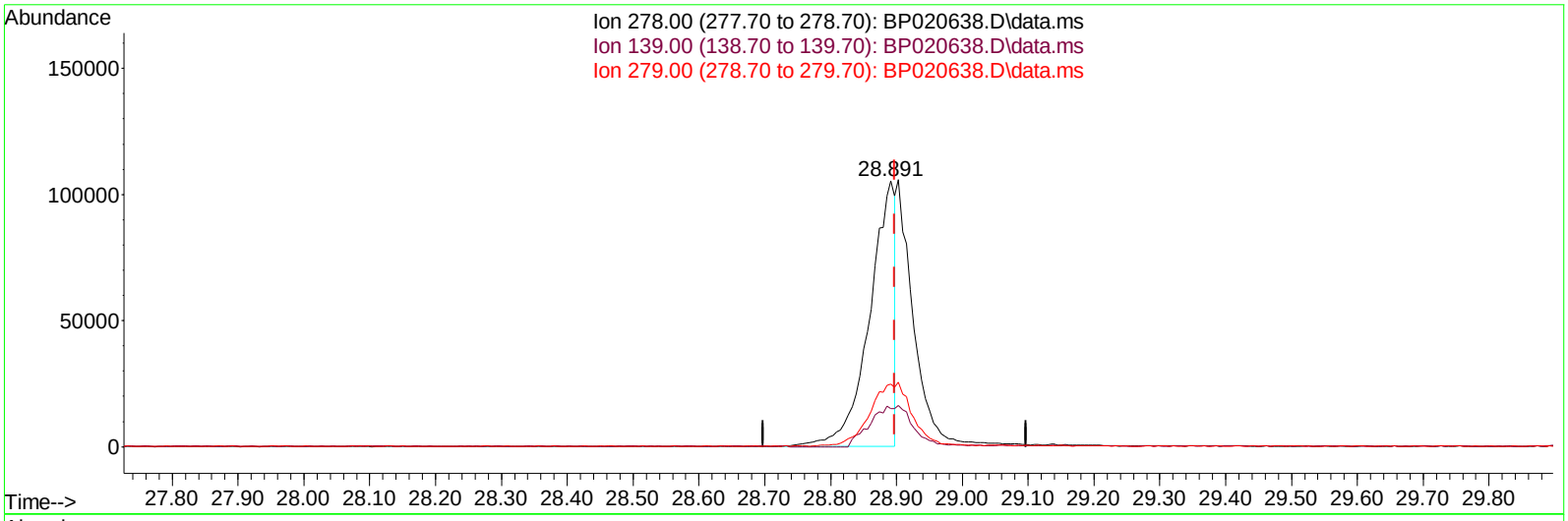


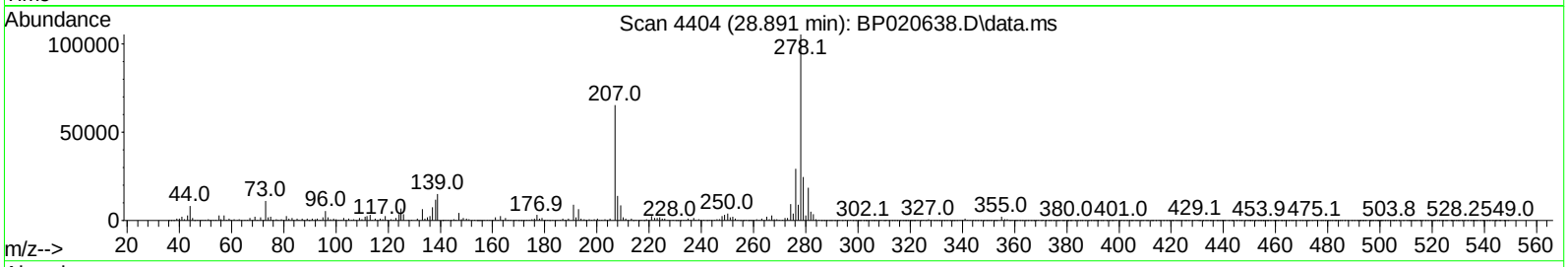


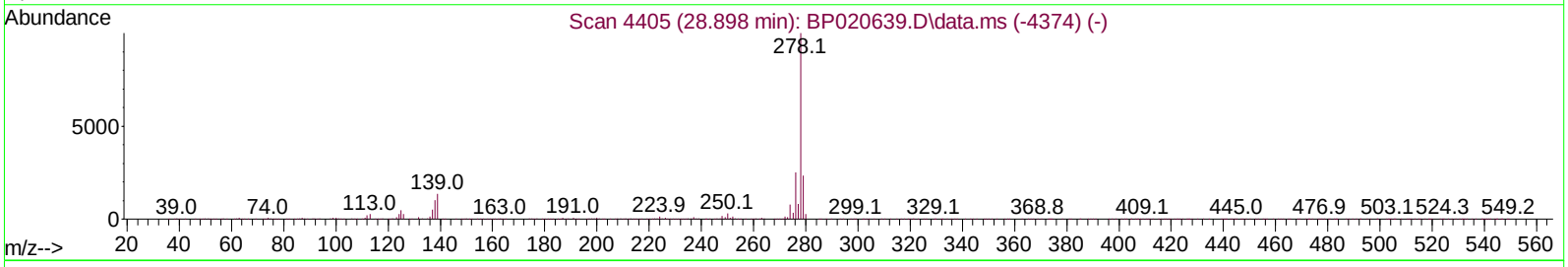


TIC: BP020638.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.891min (-0.006) 6.11 ng/ul**

**response 285145**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.90 | 14.41 |
| 279.00 | 23.40 | 23.46 |
| 0.00 | 0.00 | 0.00 |

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Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD010638

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/27/2024
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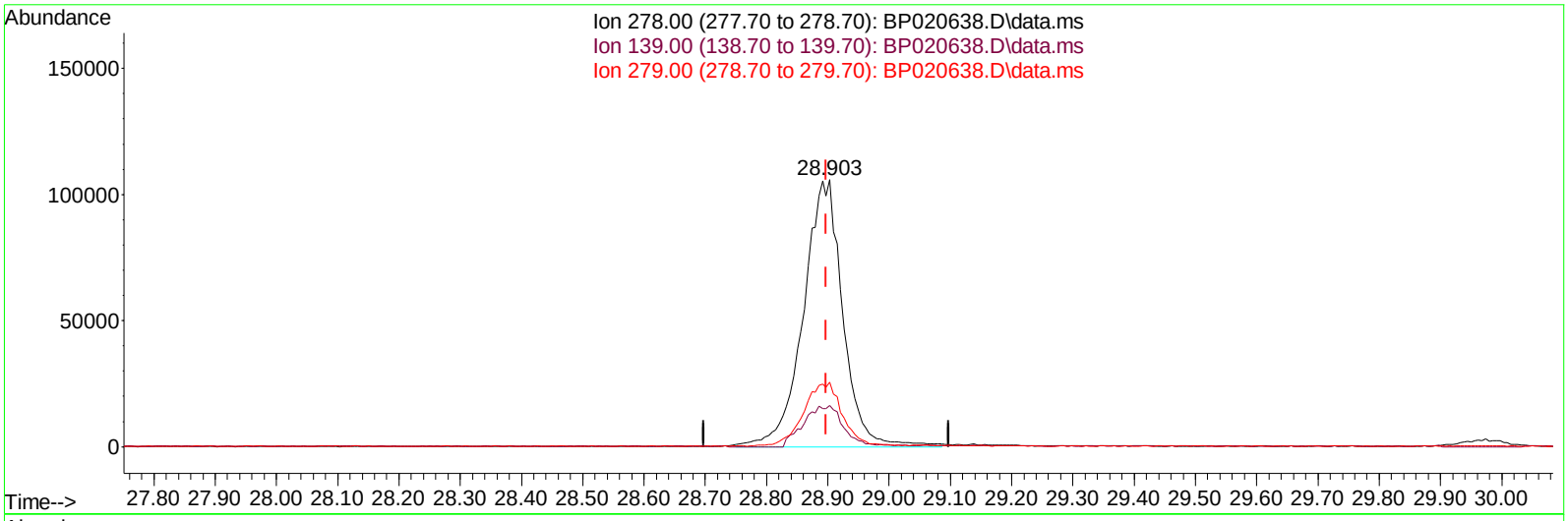


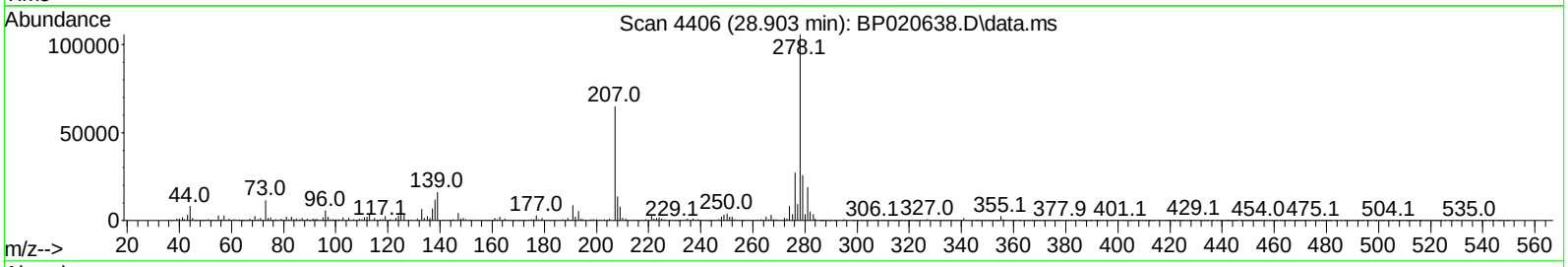


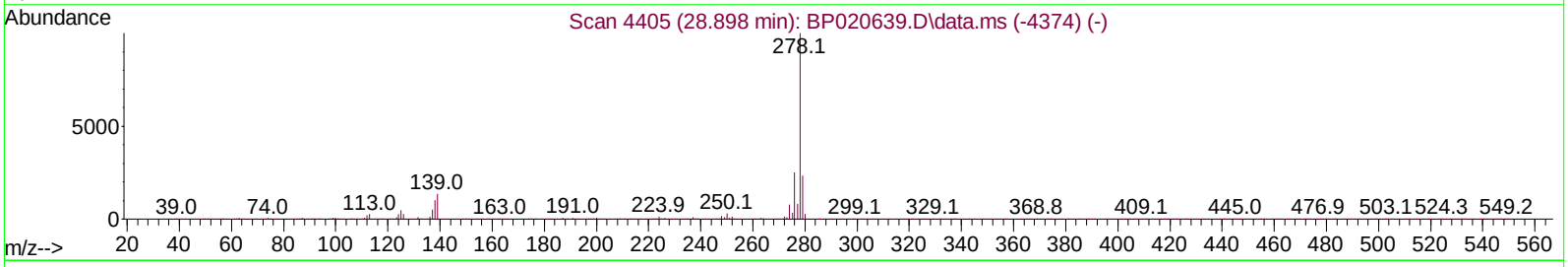


TIC: BP020638.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.903min (+ 0.006) 10.16 ng/ul m**

**response 474517**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.90 | 15.36 |
| 279.00 | 23.40 | 24.27 |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Tue Jun 25 17:18:51 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD010638

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.745 | 152 | 151854 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.516 | 136 | 645513 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.369 | 164 | 410514 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.186 | 188 | 818171 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.645 | 240 | 709397 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.997 | 264 | 794554 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 14296 | 3.966 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.687 | 84 | 104664 | 9.913 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.928 | 99 | 120975 | 9.280 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.093 | 67 | 80235 | 10.061 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.287 | 132 | 100433 | 10.545 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.445 | 113 | 100603 | 9.568 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.898 | 128 | 45124 | 9.316 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.610 | 143 | 42557 | 7.912 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.134 | 165 | 92687 | 9.246 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.651 | 131 | 137098 | 9.760 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.769 | 166 | 292160 | 9.844 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.057 | 160 | 347192 | 10.414 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.580 | 143 | 36934 | 8.221 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.380 | 176 | 249613 | 10.073 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 200 | 32181 | 6.556 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.292 | 188 | 372926 | 10.454 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.668 | 212 | 415886 | 9.905 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.762 | 264 | 382877 | 9.968 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.310 | 88 | 15837 | 3.853 | ng/uL | 95 |
| 5) Pyridine | 3.710 | 79 | 108972 | 10.191 | ng/ul | 99 |
| 6) Benzaldehyde | 6.904 | 77 | 69914 | 10.448 | ng/ul | 98 |
| 8) Phenol | 6.951 | 94 | 125253 | 9.345 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.181 | 93 | 107558 | 10.154 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.316 | 128 | 102537 | 10.397 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.187 | 108 | 97424 | 9.720 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.263 | 45 | 166860 | 12.129 | ng/ul | 99 |
| 16) Acetophenone | 8.563 | 105 | 169953 | 9.777 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.545 | 70 | 88224 | 9.475 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.510 | 108 | 103177 | 9.503 | ng/ul | 98 |
| 19) Hexachloroethane | 8.810 | 117 | 44553 | 9.977 | ng/ul | 98 |
| 22) Nitrobenzene | 8.934 | 77 | 120963 | 8.943 | ng/ul | 96 |
| 23) Isophorone | 9.457 | 82 | 248668 | 9.525 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.639 | 139 | 46487 | 8.302 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.698 | 107 | 119560 | 9.682 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.934 | 93 | 145127 | 9.872 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.163 | 162 | 94137 | 9.647 | ng/ul | 98 |
| 30) Naphthalene | 10.563 | 128 | 348679 | 10.415 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.681 | 127 | 135536 | 9.910 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.833 | 225 | 71709 | 9.445 | ng/ul | 100 |
| 34) Caprolactam | 11.463 | 113 | 28452 | 8.718 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 11.798 | 107 | 106936 | 9.053 | ng/ul | 99 |

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Reviewed By :Yogesh Patel 06/27/2024
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.175 | 142 | 236766 | 10.240 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.392 | 142 | 239951 | 10.269 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.539 | 216 | 130845 | 10.106 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.516 | 237 | 66965 | 9.158 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.786 | 196 | 76411 | 9.567 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 12.863 | 196 | 79309 | 9.306 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.192 | 154 | 316736 | 10.761 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.239 | 162 | 246846 | 10.573 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.445 | 65 | 55374 | 7.641 | ng/ul | 95 |
| 47) Dimethylphthalate | 13.816 | 163 | 298109 | 9.996 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.951 | 165 | 48766 | 8.392 | ng/ul | 95 |
| 50) Acenaphthylene | 14.086 | 152 | 399649 | 10.631 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.274 | 138 | 44893 | 8.238 | ng/ul | 99 |
| 52) Acenaphthene | 14.439 | 153 | 265497 | 10.560 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.492 | 184 | 20439 | 5.889 | ng/ul | 92 |
| 55) 4-Nitrophenol | 14.598 | 109 | 35149 | 7.791 | ng/ul | 94 |
| 56) Dibenzofuran | 14.780 | 168 | 358004 | 10.432 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.745 | 165 | 69453 | 8.419 | ng/ul# | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.010 | 232 | 67700 | 9.075 | ng/ul | 97 |
| 59) Diethylphthalate | 15.210 | 149 | 295093 | 9.946 | ng/ul | 100 |
| 61) Fluorene | 15.439 | 166 | 294160 | 10.395 | ng/ul | 96 |
| 62) 4-Chlorophenyl-phenyle... | 15.439 | 204 | 151798 | 10.137 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.463 | 138 | 44001 | 9.608 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylph... | 15.527 | 198 | 35150 | 6.822 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.657 | 169 | 239965 | 10.319 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.357 | 248 | 89605 | 10.004 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.463 | 284 | 101053 | 9.820 | ng/ul | 98 |
| 70) Atrazine | 16.645 | 200 | 82942 | 10.196 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.821 | 266 | 50385 | 8.323 | ng/ul | 91 |
| 72) Phenanthrene | 17.227 | 178 | 444481 | 10.598 | ng/ul | 99 |
| 74) Anthracene | 17.327 | 178 | 455420 | 10.694 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.157 | 216 | 126334 | 10.029 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.686 | 250 | 122147 | 9.847 | ng/uL | 99 |
| 77) Carbazole | 17.604 | 167 | 381143 | 10.520 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.198 | 149 | 476850 | 10.796 | ng/ul | 100 |
| 80) Fluoranthene | 19.321 | 202 | 504512 | 10.144 | ng/ul | 98 |
| 82) Pyrene | 19.698 | 202 | 519967 | 10.057 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.656 | 149 | 184241 | 9.532 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.545 | 252 | 156011 | 10.710 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.621 | 228 | 506430 | 10.525 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.562 | 149 | 293046 | 10.348 | ng/ul | 99 |
| 87) Chrysene | 21.692 | 228 | 474297 | 10.583 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.845 | 149 | 490173 | 9.557 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.933 | 252 | 493437 | 10.433 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.997 | 252 | 487450 | 10.182 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.833 | 252 | 452986 | 10.079 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.809 | 276 | 578430m | 10.280 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.903 | 278 | 474517m | 10.164 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.974 | 276 | 471685 | 10.332 | ng/ul | 98 |

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

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