Quantitation Report (Qedit)

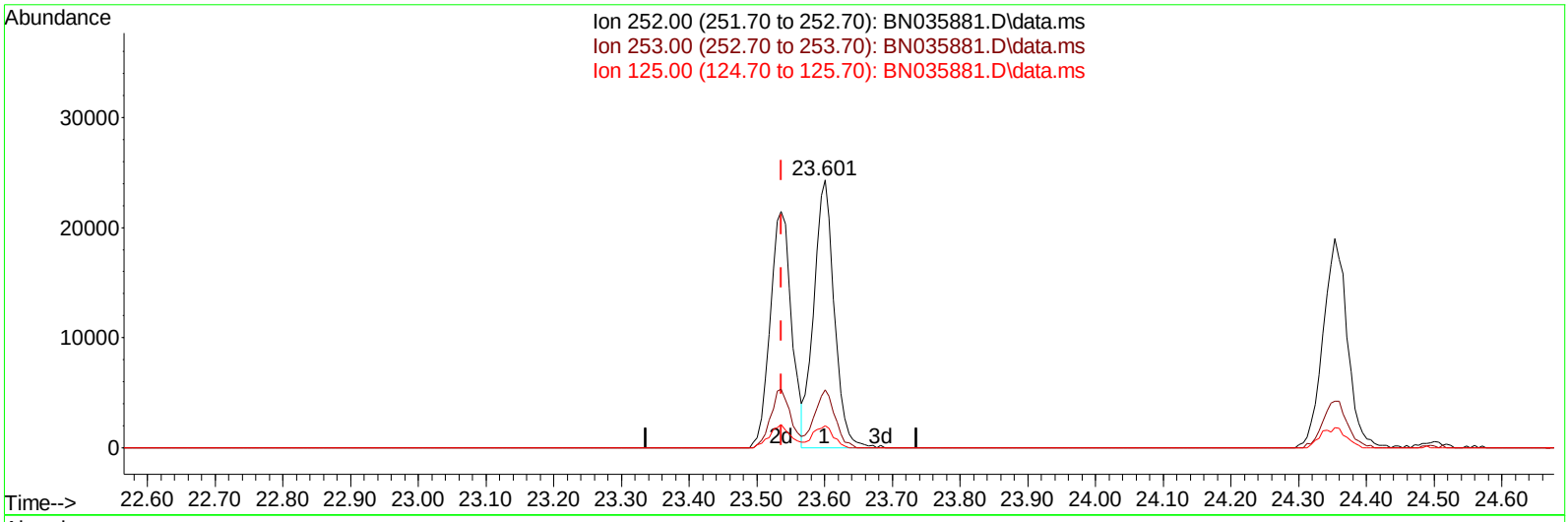
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010325\
Data File : BN035881.D
Acq On : 03 Jan 2025 09:31
Operator : RC/JU
Sample : SSTD00598
Misc :
ALS Vial : 2 Sample Multiplier: 1

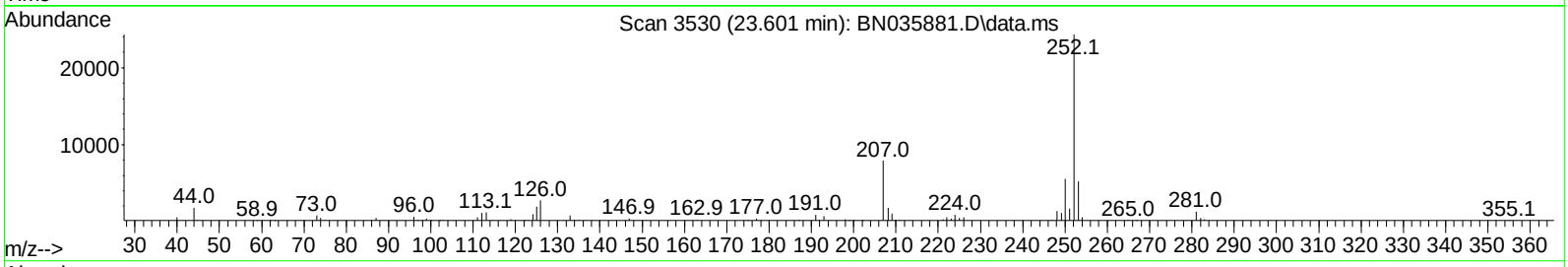
Quant Time: Jan 03 12:20:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 03 12:03:48 2025
Response via : Initial Calibration

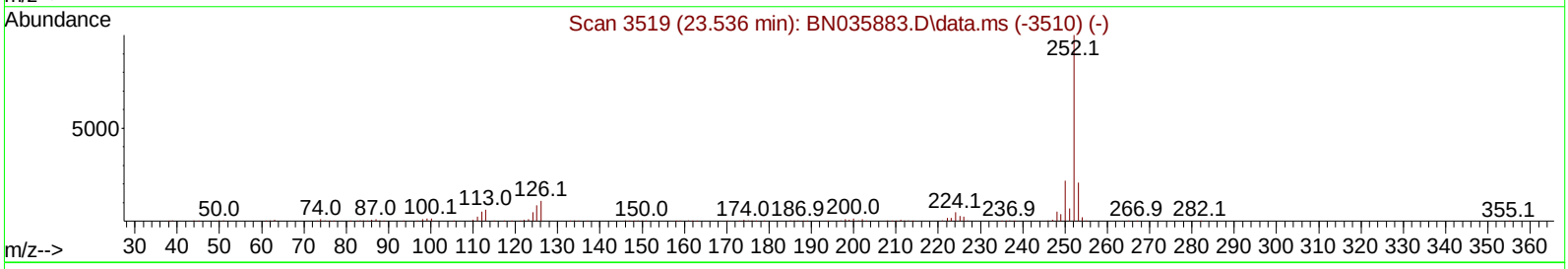
**Instrument :**
BNA_N
**ClientSampleId :**
SSTD005238

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/06/2025
Supervised By :mohammad ahmed 01/06/2025




TIC: BN035881.D\data.ms

**(90) Benzo(b)fluoranthene**

**23.601min (+ 0.065) 4.63 ng/ul**

**response 50905**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 20.60 | 21.61 |
| 125.00 | 8.60 | 8.18 |
| 0.00 | 0.00 | 0.00 |

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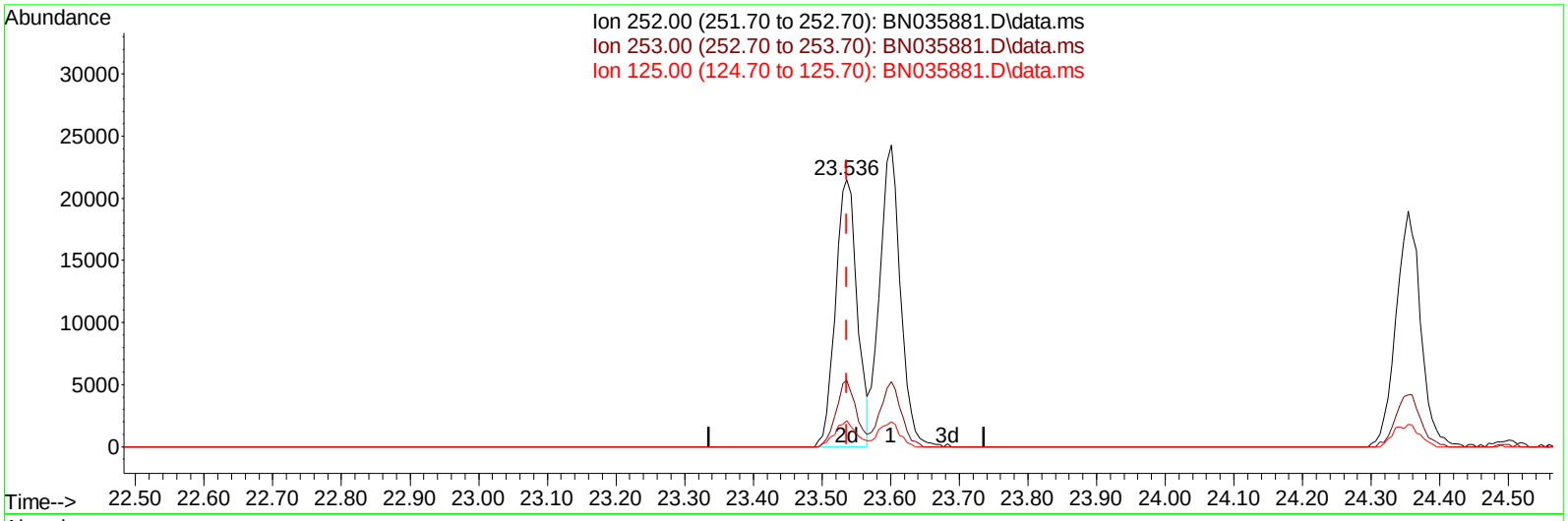


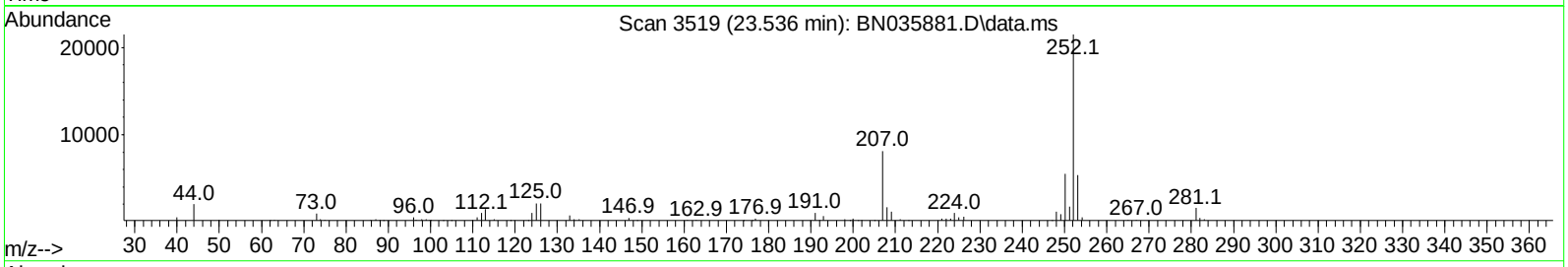


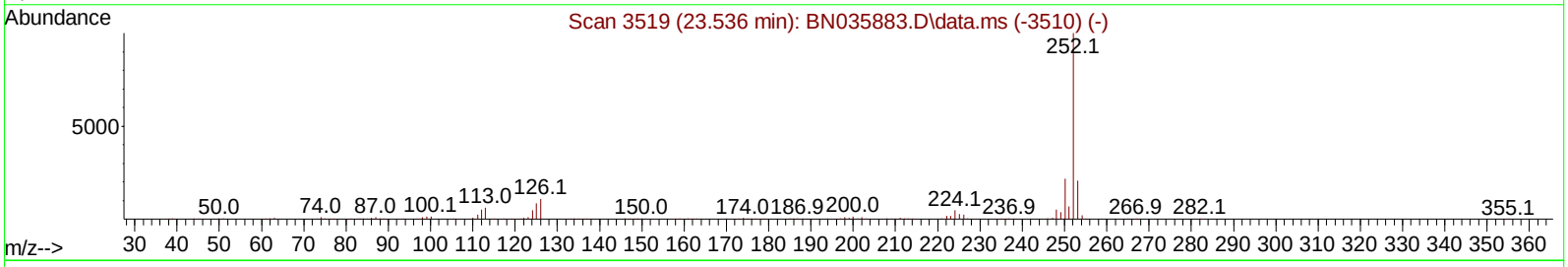


TIC: BN035881.D\data.ms

**(90) Benzo(b)fluoranthene**

**23.536min (+ 0.000) 4.27 ng/ul m**

**response 46980**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 20.60 | 24.80# |
| 125.00 | 8.60 | 9.84 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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SSTD005238

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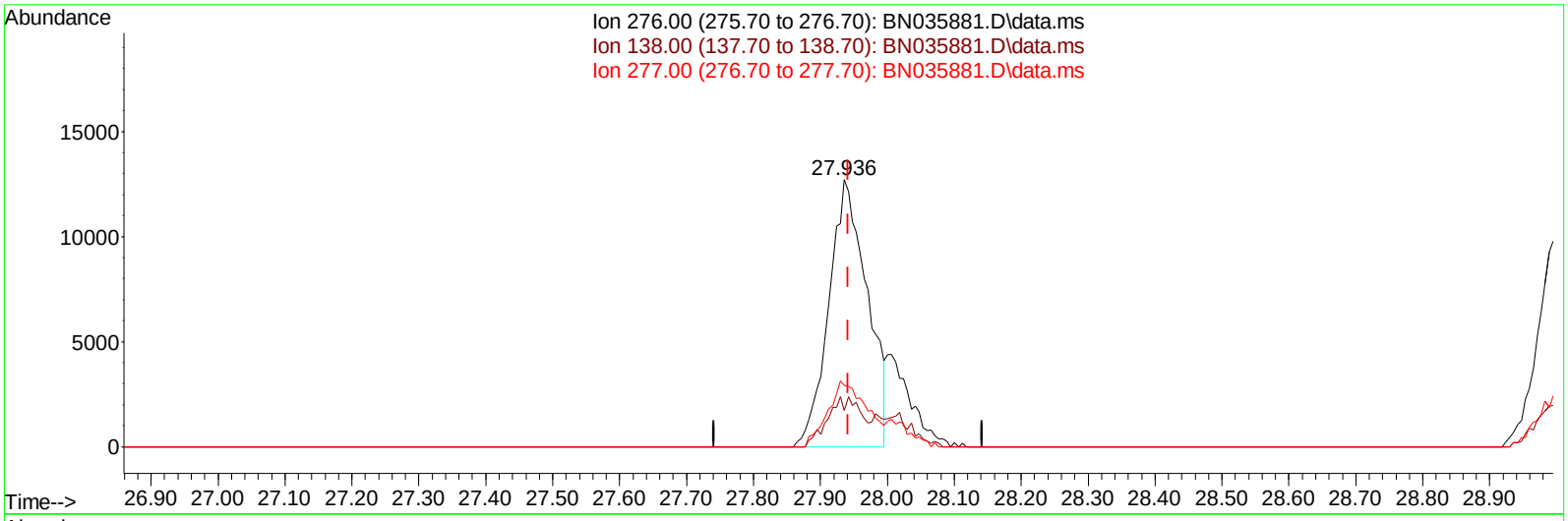


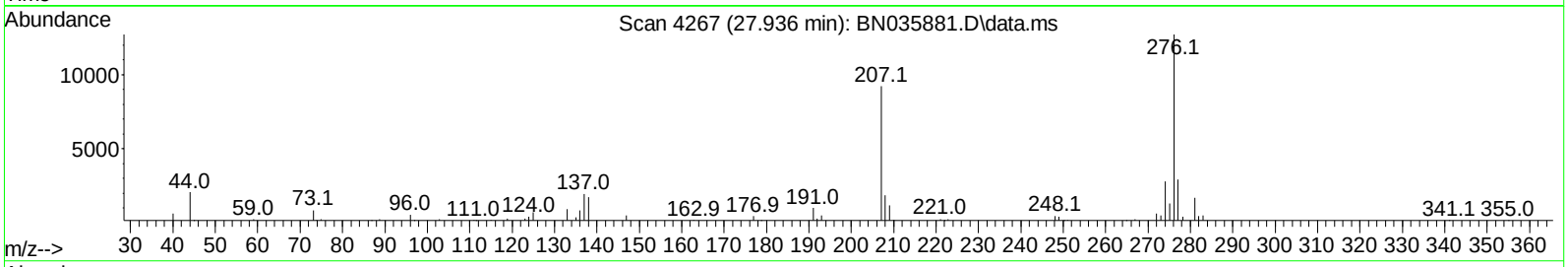


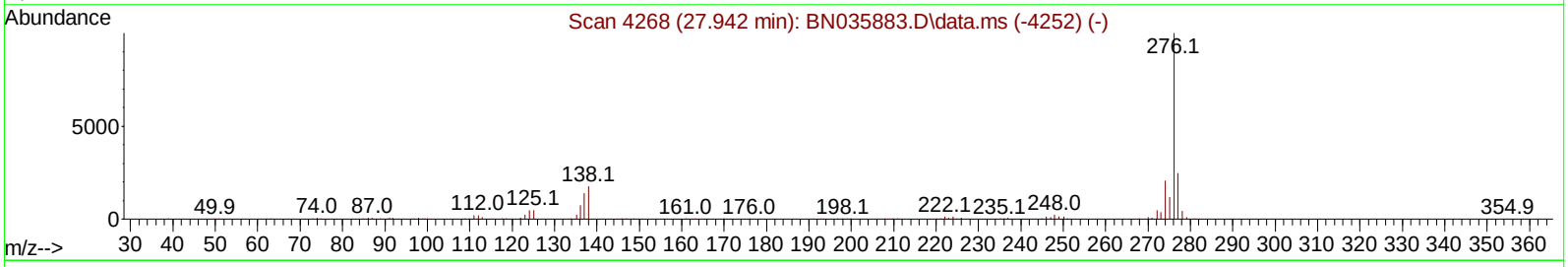


TIC: BN035881.D\data.ms

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

**27.936min (-0.006) 4.00 ng/ul**

**response 50441**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.70 | 13.64# |
| 277.00 | 24.80 | 22.97 |
| 0.00 | 0.00 | 0.00 |

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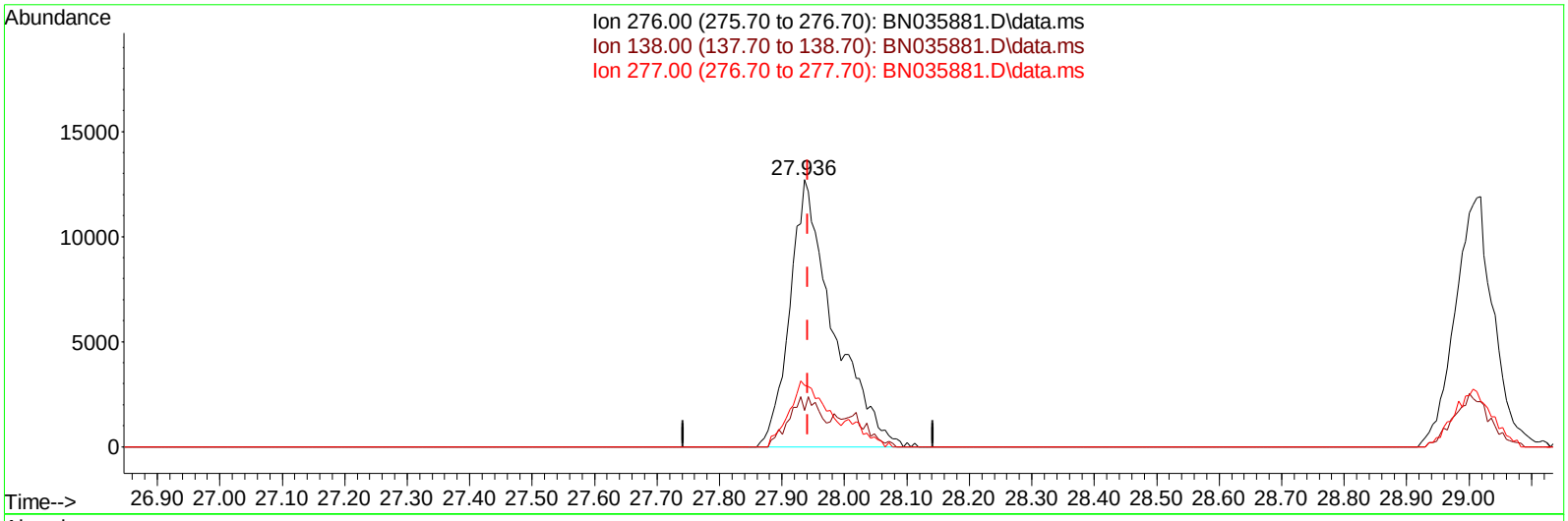
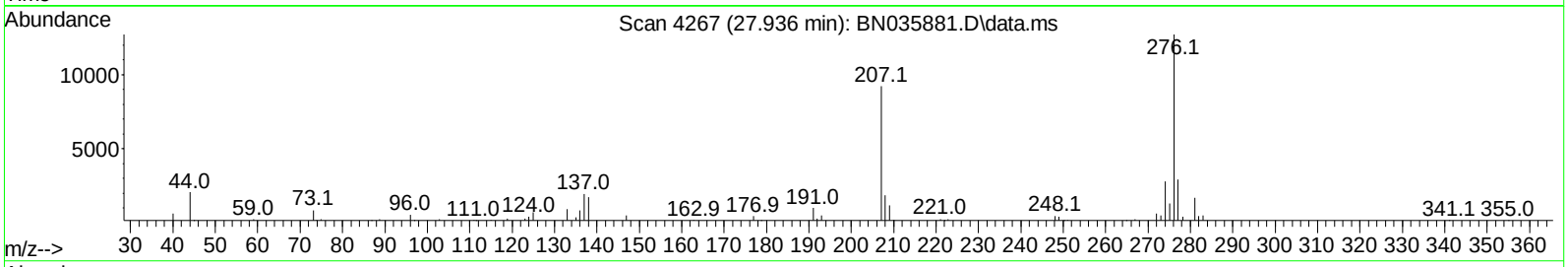
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 03 12:03:48 2025
Response via : Initial Calibration

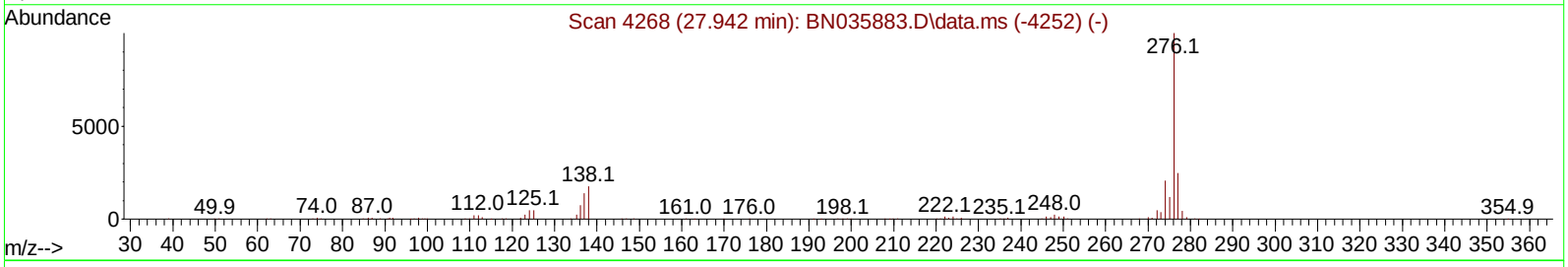
**Instrument :**
BNA_N
**ClientSampleId :**
SSTD005238

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/06/2025
Supervised By :mohammad ahmed 01/06/2025




TIC: BN035881.D\data.ms

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

**27.936min (-0.006) 4.89 ng/ul m**

**response 61661**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.70 | 13.64# |
| 277.00 | 24.80 | 22.97 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Time: Jan 03 12:24:17 2025
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**Instrument :**
BNA_N
**ClientSampleId :**
SSTD005238

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/06/2025
Supervised By :mohammad ahmed 01/06/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.831 | 152 | 35600 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.625 | 136 | 127024 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.466 | 164 | 73041 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.207 | 188 | 142264 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.448 | 240 | 162280 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.501 | 264 | 191377 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.284 | 96 | 1529 | 1.952 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 0.000 | 99 | 0d | 0.000 | ng/ul | |
| 9) Bis-(2-Chloroethyl)eth... | 0.000 | 67 | 0d | 0.000 | ng/ul | |
| 11) 2-Chlorophenol-d4 | 7.355 | 132 | 9006 | 4.223 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 0.000 | 113 | 0d | 0.000 | ng/ul | |
| 21) Nitrobenzene-d5 | 8.978 | 128 | 3715 | 4.483 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.701 | 143 | 3119 | 3.443 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.237 | 165 | 7896 | 3.884 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.000 | 131 | 0d | 0.000 | ng/ul | |
| 46) Dimethylphthalate-d6 | 13.878 | 166 | 21969 | 4.257 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.160 | 160 | 27318 | 4.713 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.454 | 176 | 20850 | 4.634 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 0.000 | 200 | 0d | 0.000 | ng/ul | |
| 73) Anthracene-d10 | 17.307 | 188 | 33559 | 5.274 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.595 | 212 | 35924 | 4.249 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.295 | 264 | 39712 | 4.264 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.314 | 88 | 1768 | 2.015 | ng/uL# | 90 |
| 12) 2-Chlorophenol | 7.390 | 128 | 9792 | 4.405 | ng/ul | 93 |
| 17) N-Nitroso-di-n-propyla... | 8.631 | 70 | 6805 | 4.131 | ng/ul# | 89 |
| 19) Hexachloroethane | 8.919 | 117 | 4925 | 5.071 | ng/ul | 87 |
| 22) Nitrobenzene | 9.019 | 77 | 11408 | 5.316 | ng/ul# | 88 |
| 23) Isophorone | 9.549 | 82 | 18141 | 4.381 | ng/ul# | 97 |
| 25) 2-Nitrophenol | 9.731 | 139 | 3729 | 3.571 | ng/ul | 92 |
| 26) 2,4-Dimethylphenol | 9.796 | 107 | 10847 | 4.973 | ng/ul | 94 |
| 27) Bis(2-Chloroethoxy)met... | 10.037 | 93 | 10920 | 4.310 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.260 | 162 | 8548 | 4.137 | ng/ul | 95 |
| 30) Naphthalene | 10.678 | 128 | 32202 | 4.933 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.972 | 225 | 8614 | 5.686 | ng/ul | 90 |
| 35) 4-Chloro-3-methylphenol | 11.895 | 107 | 7852 | 3.675 | ng/ul | 95 |
| 36) 2-Methylnaphthalene | 12.290 | 142 | 20539 | 4.353 | ng/ul | 89 |
| 37) 1-Methylnaphthalene | 12.507 | 142 | 20115 | 4.187 | ng/ul | 95 |
| 39) 1,2,4,5-Tetrachloroben... | 12.654 | 216 | 12765 | 5.769 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.890 | 196 | 5392 | 3.937 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 12.960 | 196 | 6316 | 4.130 | ng/ul | 91 |
| 43) 1,1'-Biphenyl | 13.301 | 154 | 26550 | 5.224 | ng/ul# | 93 |
| 44) 2-Chloronaphthalene | 13.337 | 162 | 21673 | 5.318 | ng/ul | 96 |
| 45) 2-Nitroaniline | 13.531 | 65 | 3831 | 4.598 | ng/ul# | 80 |
| 47) Dimethylphthalate | 13.919 | 163 | 23195 | 4.474 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.031 | 165 | 3051 | 3.607 | ng/ul | 94 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 50) Acenaphthylene | 14.184 | 152 | 30491 | 4.935 | ng/ul | 98 |
| 52) Acenaphthene | 14.531 | 153 | 22700 | 5.125 | ng/ul | 93 |
| 56) Dibenzofuran | 14.866 | 168 | 31186 | 4.966 | ng/ul | 95 |
| 57) 2,4-Dinitrotoluene | 14.813 | 165 | 4513 | 3.402 | ng/ul# | 83 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.084 | 232 | 4125 | 3.176 | ng/ul# | 91 |
| 59) Diethylphthalate | 15.289 | 149 | 21836 | 4.335 | ng/ul | 95 |
| 61) Fluorene | 15.513 | 166 | 24611 | 4.851 | ng/ul | 96 |
| 62) 4-Chlorophenyl-phenyle... | 15.513 | 204 | 13057 | 5.057 | ng/ul | 94 |
| 67) N-Nitrosodiphenylamine | 15.719 | 169 | 19899 | 5.177 | ng/ul | 95 |
| 68) 4-Bromophenyl-phenylether | 16.401 | 248 | 7055 | 4.924 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.519 | 284 | 7922 | 4.682 | ng/ul | 92 |
| 72) Phenanthrene | 17.248 | 178 | 39940 | 5.389 | ng/ul | 97 |
| 74) Anthracene | 17.336 | 178 | 38439 | 5.120 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.260 | 216 | 11569 | 5.877 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.784 | 250 | 11363 | 5.709 | ng/uL | 95 |
| 78) Di-n-butylphthalate | 18.189 | 149 | 29513 | 4.159 | ng/ul | 98 |
| 80) Fluoranthene | 19.266 | 202 | 43324 | 4.382 | ng/ul | 99 |
| 82) Pyrene | 19.624 | 202 | 48644 | 4.523 | ng/ul# | 97 |
| 83) Butylbenzylphthalate | 20.536 | 149 | 9553 | 3.307 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.430 | 228 | 49242 | 4.565 | ng/ul | 96 |
| 86) Bis(2-ethylhexyl)phtha... | 21.383 | 149 | 14710 | 3.245 | ng/ul | 99 |
| 87) Chrysene | 21.495 | 228 | 49499 | 4.762 | ng/ul | 93 |
| 90) Benzo(b)fluoranthene | 23.536 | 252 | 46980m | 4.269 | ng/ul | |
| 91) Benzo(k)fluoranthene | 23.601 | 252 | 50905 | 4.532 | ng/ul | 97 |
| 93) Benzo(a)pyrene | 24.354 | 252 | 47150 | 4.519 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.936 | 276 | 61661m | 4.893 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.012 | 278 | 49051 | 4.815 | ng/ul# | 93 |
| 96) Benzo(g,h,i)perylene | 29.018 | 276 | 50755 | 5.253 | ng/ul# | 93 |

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

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