Quantitation Report (Qedit)

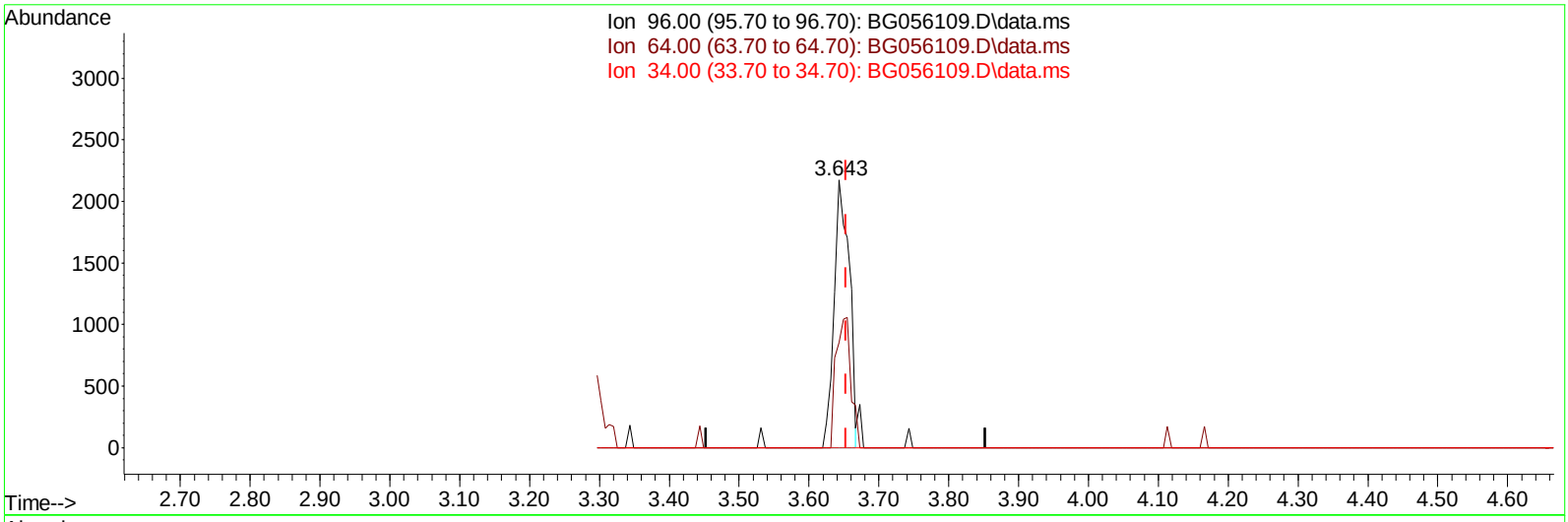
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056109.D
Acq On : 25 Dec 2022 4:37
Operator : CG/JU
Sample : N6017-10MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

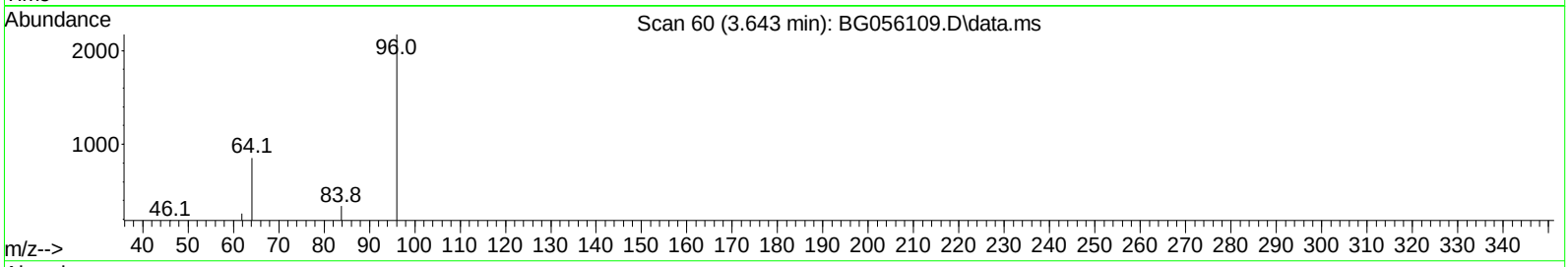
Quant Time: Dec 25 05:51:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 22:54:38 2022
Response via : Initial Calibration

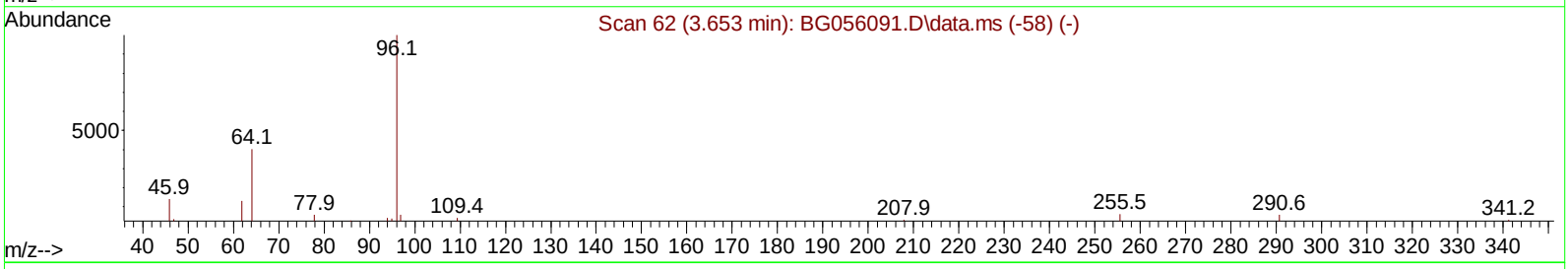
**Instrument :**
BNA_G
**ClientSampleId :**
DBYF6MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022




TIC: BG056109.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.643min (-0.010) 3.26 ng/uL**

**response 3222**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 40.20 | 39.36 |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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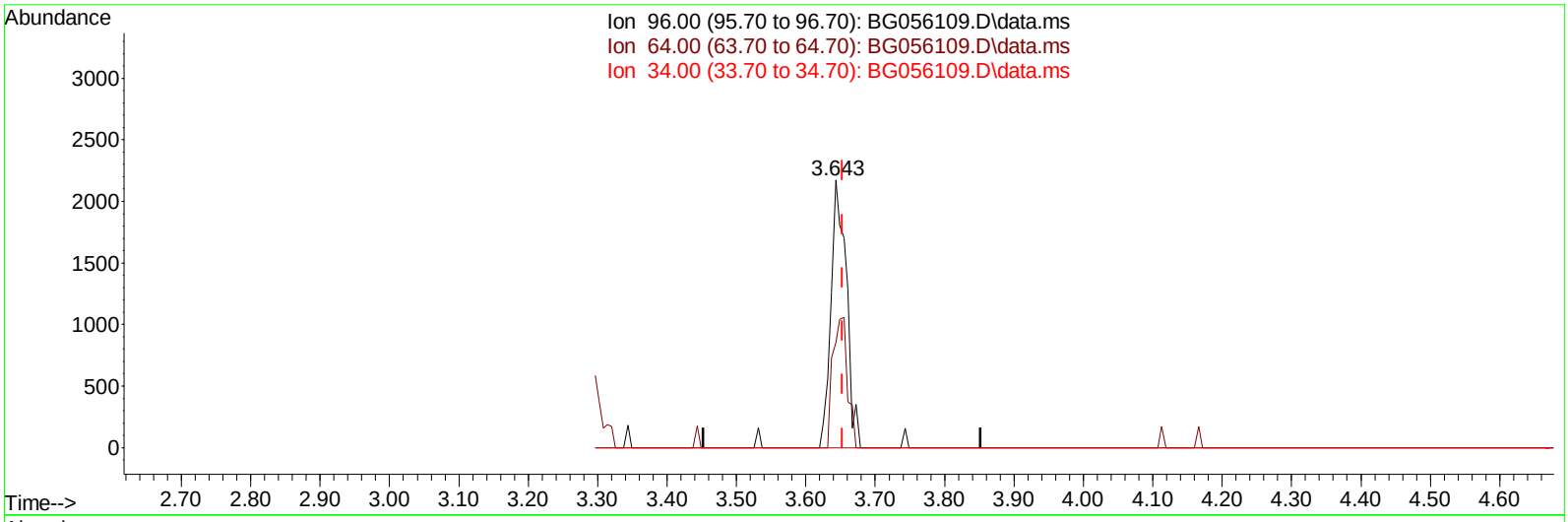


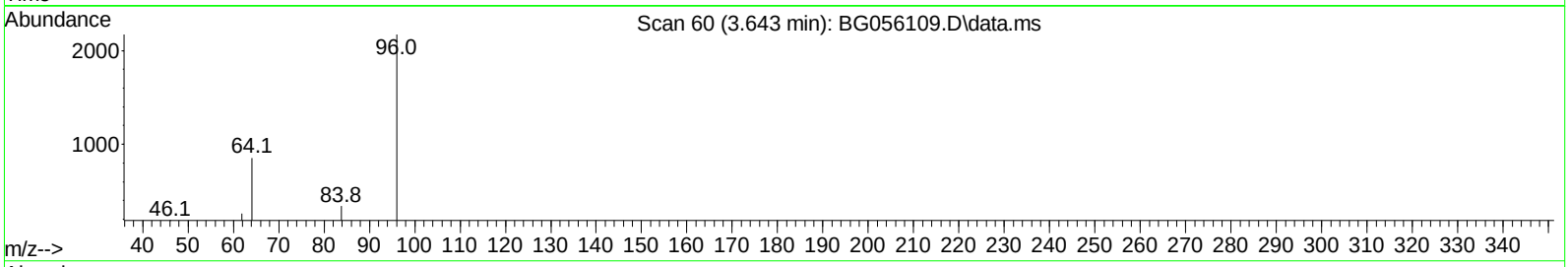


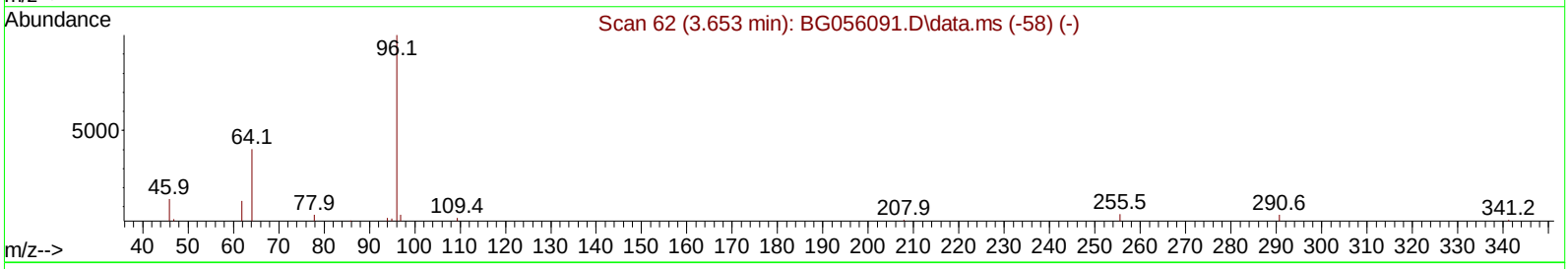


TIC: BG056109.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.643min (-0.010) 3.39 ng/uL m**

**response 3346**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 40.20 | 39.36 |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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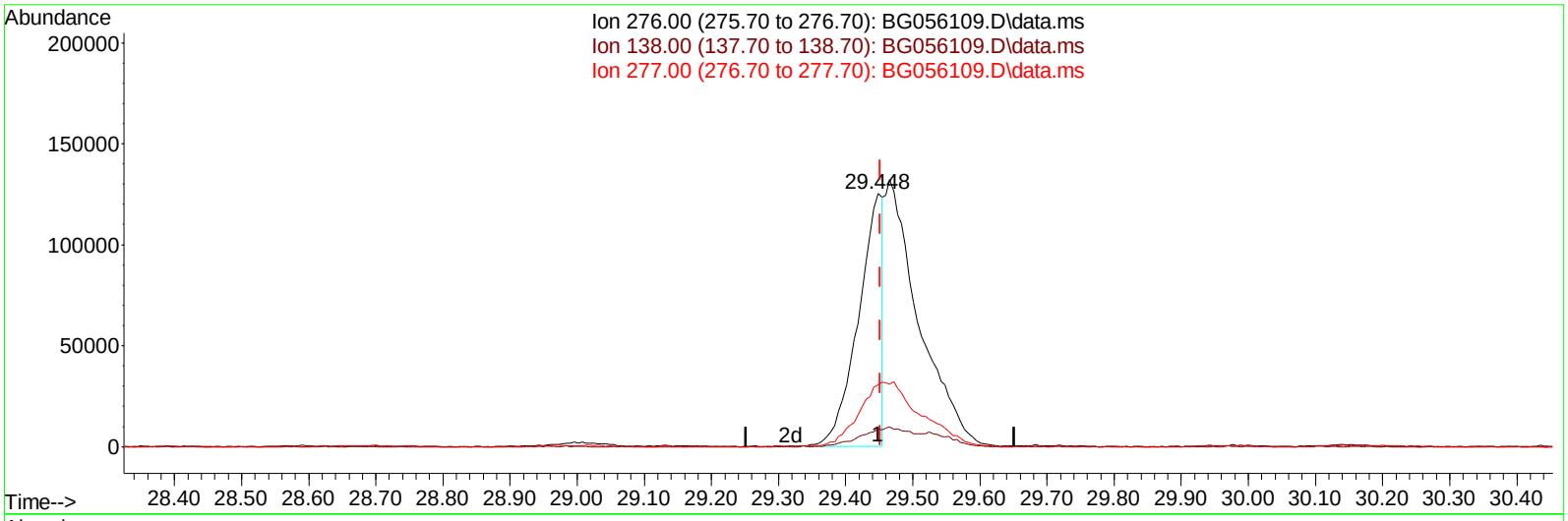


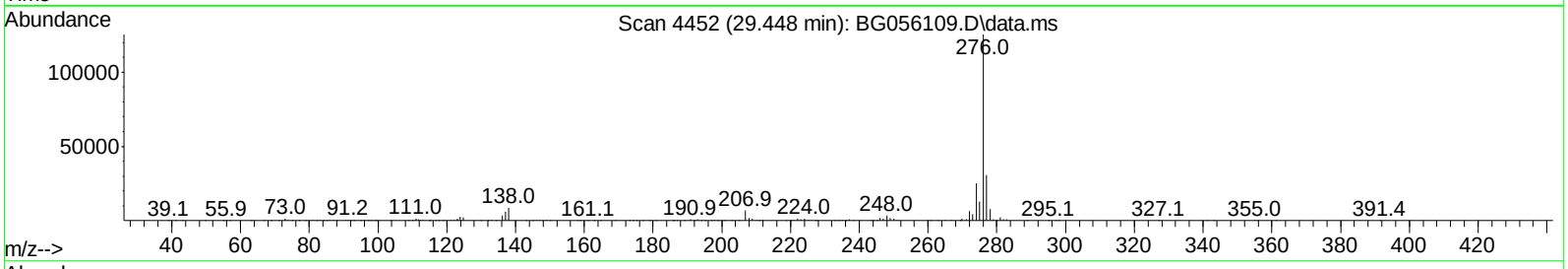


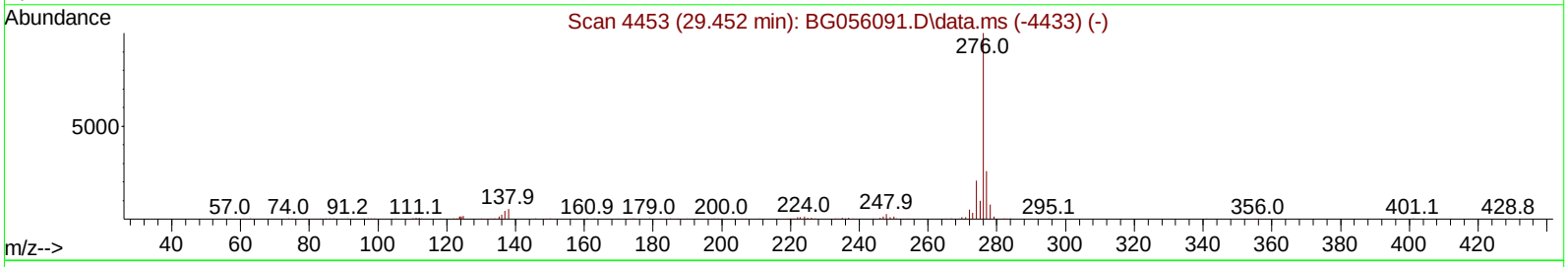


TIC: BG056109.D\data.ms

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

**29.448min (-0.004) 10.73 ng/ul**

**response 315242**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 5.50 | 7.02# |
| 277.00 | 25.90 | 24.51 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_G
**ClientSampleId :**
DBYF6MSD

**Manual IntegrationsAPPROVED**

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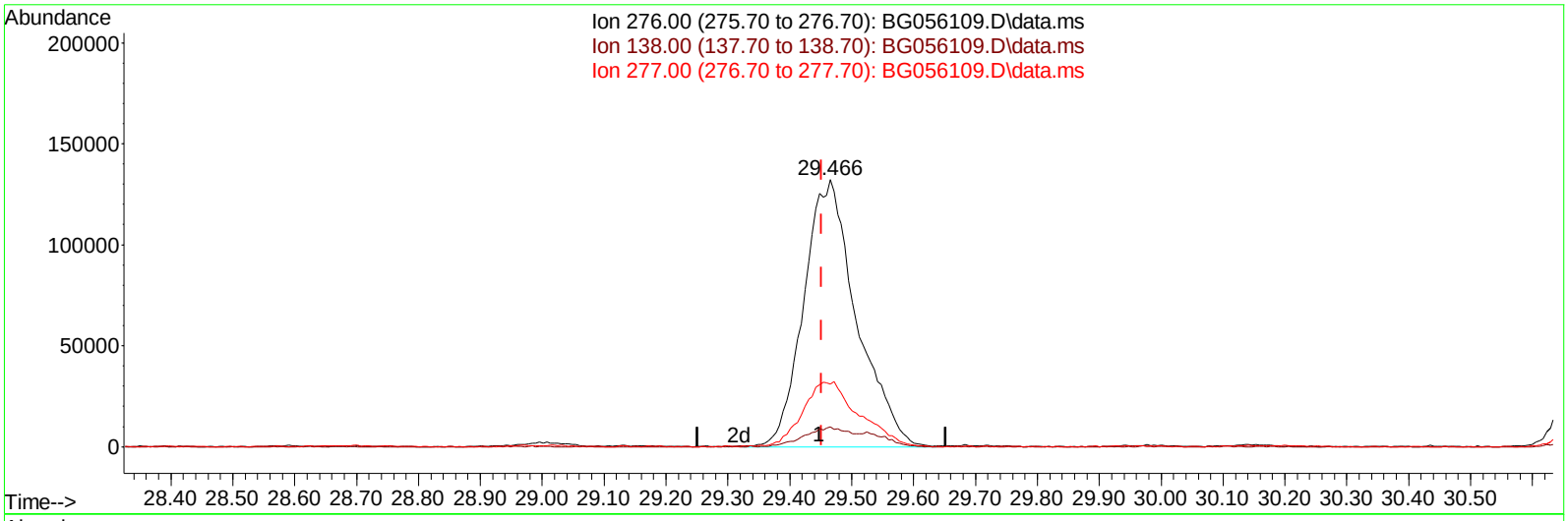
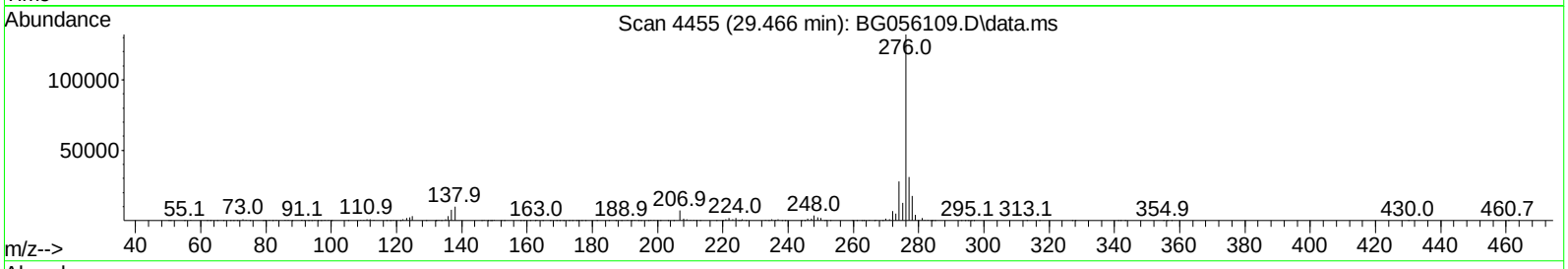
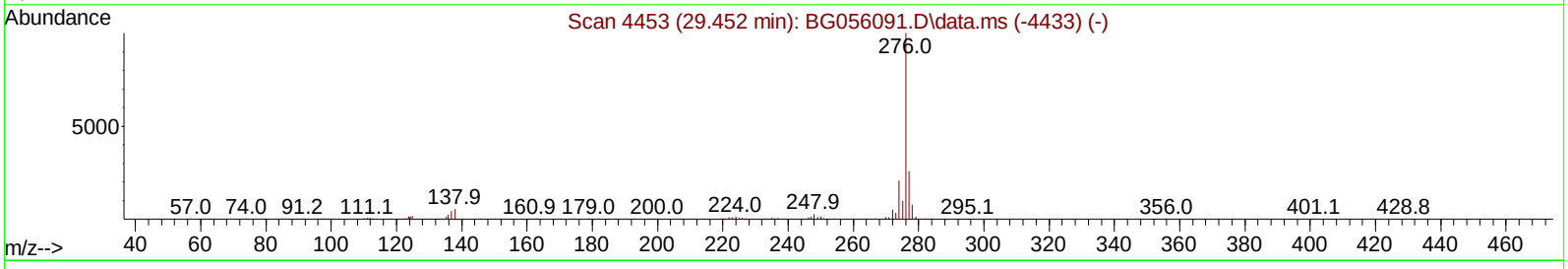
Supervised By :Yogesh Patel 12/25/2022




TIC: BG056109.D\data.ms

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

**29.466min (+ 0.014) 26.66 ng/ul m**

**response 783295**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 5.50 | 7.56# |
| 277.00 | 25.90 | 23.48 |
| 0.00 | 0.00 | 0.00 |

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ALS Vial : 16 Sample Multiplier: 1

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Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBYF6MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.343 | 152 | 41369 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.175 | 136 | 166671 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.953 | 164 | 144518 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.691 | 188 | 363448 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.992 | 240 | 357857 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.464 | 264 | 387816 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.643 | 96 | 3346m | 3.386 | ng/uL | -0.01 |
| 4) Pyridine-d5 | 4.090 | 84 | 26734 | 8.297 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.474 | 99 | 77868 | 20.751 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.650 | 67 | 31452 | 21.266 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.867 | 132 | 51587 | 23.260 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 9.037 | 113 | 56412 | 19.975 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.518 | 128 | 27803 | 22.903 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.247 | 143 | 35720 | 22.521 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.782 | 165 | 77798 | 22.074 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.305 | 131 | 68065 | 17.074 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.342 | 166 | 253327 | 22.649 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.654 | 160 | 281479 | 22.284 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.118 | 143 | 37800 | 22.451 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.934 | 176 | 248763 | 22.532 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 16.040 | 200 | 55151 | 23.605 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.791 | 188 | 382668 | 22.784 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.053 | 212 | 489353 | 24.760 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.224 | 264 | 465674 | 23.624 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.690 | 88 | 7723 | 6.986 | ng/uL# | 92 |
| 5) Pyridine | 4.107 | 79 | 33465 | 10.799 | ng/ul# | 94 |
| 6) Benzaldehyde | 7.474 | 77 | 48451 | 35.169 | ng/ul | 88 |
| 8) Phenol | 7.503 | 94 | 87262 | 23.366 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.750 | 93 | 53852 | 21.906 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.903 | 128 | 53592 | 24.057 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.772 | 108 | 63243 | 22.554 | ng/ul | 85 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.860 | 45 | 8382 | 26.546 | ng/ul# | 74 |
| 16) Acetophenone | 9.172 | 105 | 115144 | 24.613 | ng/ul | 94 |
| 17) N-Nitroso-di-n-propyla... | 9.142 | 70 | 46024 | 23.269 | ng/ul | 96 |
| 18) 4-Methylphenol | 9.101 | 108 | 71331 | 23.484 | ng/ul | 92 |
| 19) Hexachloroethane | 9.448 | 117 | 20694 | 23.104 | ng/ul | 98 |
| 22) Nitrobenzene | 9.560 | 77 | 68583 | 22.768 | ng/ul | 95 |
| 23) Isophorone | 10.082 | 82 | 147386 | 21.400 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.276 | 139 | 36751 | 24.004 | ng/ul# | 84 |
| 26) 2,4-Dimethylphenol | 10.318 | 107 | 77017 | 21.259 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.558 | 93 | 77943 | 21.838 | ng/ul# | 96 |
| 29) 2,4-Dichlorophenol | 10.811 | 162 | 77156 | 22.921 | ng/ul# | 86 |
| 30) Naphthalene | 11.228 | 128 | 198596 | 22.868 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.328 | 127 | 76149 | 18.956 | ng/ul | 96 |
| 33) Hexachlorobutadiene | 11.510 | 225 | 64807 | 20.544 | ng/ul | 96 |
| 34) Caprolactam | 12.068 | 113 | 24198 | 22.484 | ng/ul# | 79 |
| 35) 4-Chloro-3-methylphenol | 12.415 | 107 | 79861 | 24.695 | ng/ul | 99 |

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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.809 | 142 | 156950 | 22.542 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 13.020 | 142 | 154832 | 22.075 | ng/ul | 95 |
| 39) 1,2,4,5-Tetrachloroben... | 13.167 | 216 | 132278 | 22.194 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 13.144 | 237 | 63109 | 16.331 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.396 | 196 | 84064 | 23.930 | ng/ul | 93 |
| 42) 2,4,5-Trichlorophenol | 13.467 | 196 | 91328 | 23.978 | ng/ul | 90 |
| 43) 1,1'-Biphenyl | 13.790 | 154 | 232942 | 22.800 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.843 | 162 | 195246 | 23.056 | ng/ul | 97 |
| 45) 2-Nitroaniline | 14.031 | 65 | 35088 | 29.837 | ng/ul | 79 |
| 47) Dimethylphthalate | 14.389 | 163 | 258252 | 23.284 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.513 | 165 | 53670 | 24.515 | ng/ul | 94 |
| 50) Acenaphthylene | 14.683 | 152 | 294200 | 23.437 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.842 | 138 | 44342 | 26.965 | ng/ul | 100 |
| 52) Acenaphthene | 15.018 | 153 | 208193 | 23.609 | ng/ul | 94 |
| 53) 2,4-Dinitrophenol | 15.047 | 184 | 36012 | 21.134 | ng/ul# | 90 |
| 55) 4-Nitrophenol | 15.130 | 109 | 40272 | 24.586 | ng/ul | 93 |
| 56) Dibenzofuran | 15.347 | 168 | 311914 | 22.597 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.294 | 165 | 75258 | 24.789 | ng/ul# | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.564 | 232 | 88154 | 23.414 | ng/ul# | 98 |
| 59) Diethylphthalate | 15.741 | 149 | 235945 | 23.811 | ng/ul | 100 |
| 61) Fluorene | 15.993 | 166 | 257162 | 22.680 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.976 | 204 | 159788 | 21.693 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.999 | 138 | 44907 | 28.619 | ng/ul# | 77 |
| 66) 4,6-Dinitro-2-methylph... | 16.058 | 198 | 54621 | 24.384 | ng/ul# | 91 |
| 67) N-Nitrosodiphenylamine | 16.187 | 169 | 233549 | 25.362 | ng/ul | 96 |
| 68) 4-Bromophenyl-phenylether | 16.869 | 248 | 110090 | 23.892 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.998 | 284 | 108649 | 24.363 | ng/ul | 95 |
| 70) Atrazine | 17.121 | 200 | 108456 | 24.701 | ng/ul | 96 |
| 71) Pentachlorophenol | 17.333 | 266 | 58865 | 20.761 | ng/ul | 91 |
| 72) Phenanthrene | 17.732 | 178 | 486460 | 26.365 | ng/ul | 100 |
| 74) Anthracene | 17.826 | 178 | 445513 | 23.587 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.766 | 216 | 136917 | 24.836 | ng/uL | 97 |
| 76) Pentachlorobenzene | 15.271 | 250 | 131575 | 24.177 | ng/uL | 91 |
| 77) Carbazole | 18.085 | 167 | 383557 | 24.838 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.620 | 149 | 393906 | 27.919 | ng/ul | 99 |
| 80) Fluoranthene | 19.724 | 202 | 728813 | 31.361 | ng/ul | 99 |
| 82) Pyrene | 20.083 | 202 | 685883 | 29.256 | ng/ul# | 97 |
| 83) Butylbenzylphthalate | 20.946 | 149 | 166403 | 33.354 | ng/ul# | 88 |
| 84) 3,3'-Dichlorobenzidine | 21.869 | 252 | 147729 | 18.373 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.969 | 228 | 687479 | 28.146 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.839 | 149 | 242583 | 31.740 | ng/ul | 99 |
| 87) Chrysene | 22.045 | 228 | 638359 | 28.161 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 23.138 | 149 | 416311 | 29.008 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.354 | 252 | 744965 | 29.098 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.424 | 252 | 661829 | 26.491 | ng/ul# | 99 |
| 93) Benzo(a)pyrene | 25.300 | 252 | 620549 | 27.816 | ng/ul# | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 29.466 | 276 | 783295m | 26.658 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.530 | 278 | 629249 | 25.603 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 30.723 | 276 | 603126 | 25.541 | ng/ul | 98 |

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

**Instrument :**
BNA_G
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