Quantitation Report (Qedit)

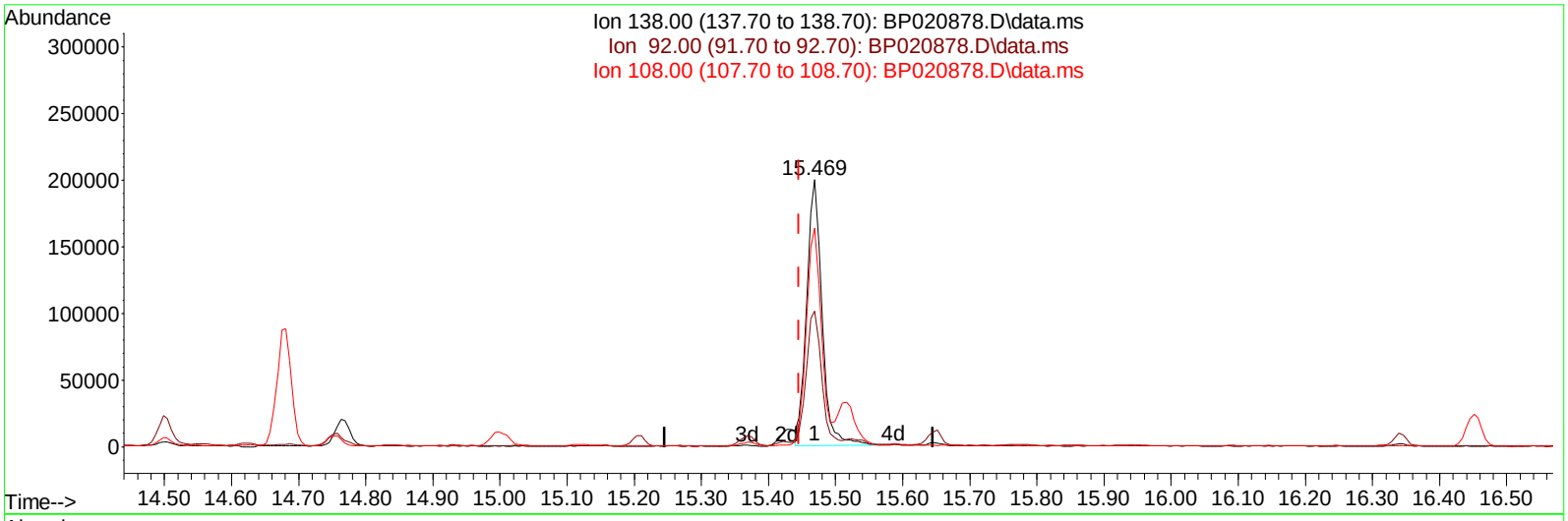
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020878.D
Acq On : 10 Jul 2024 01:41
Operator : MA/JU
Sample : P3109-08MSD
Misc :
ALS Vial : 53 Sample Multiplier: 1

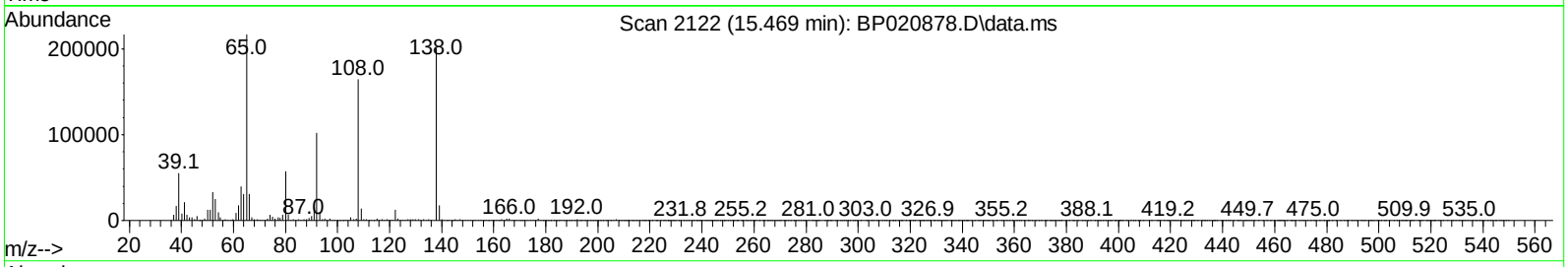
Quant Time: Jul 10 02:08:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

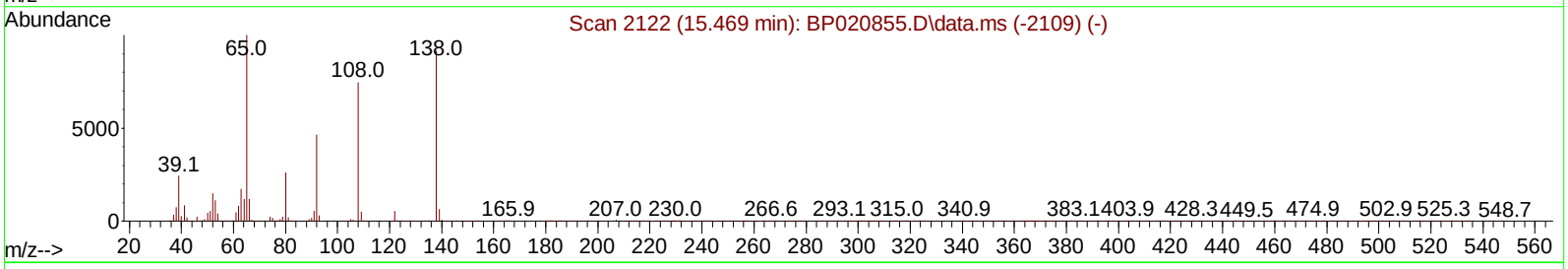
**Instrument :**
BNA_P
**ClientSampleId :**
H0HC4MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024




TIC: BP020878.D\data.ms

**(63) 4-Nitroaniline**

**15.469min (+ 0.024) 47.18 ng/ul**

**response 320354**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 54.60 | 50.78 |
| 108.00 | 91.40 | 81.92 |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
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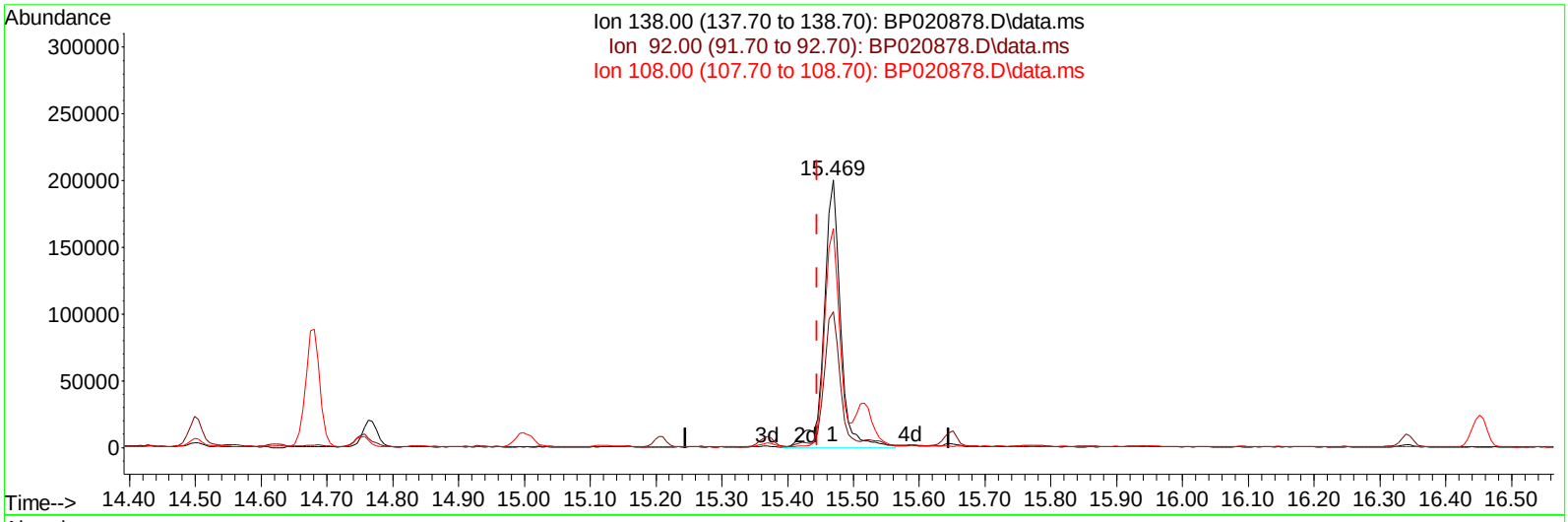


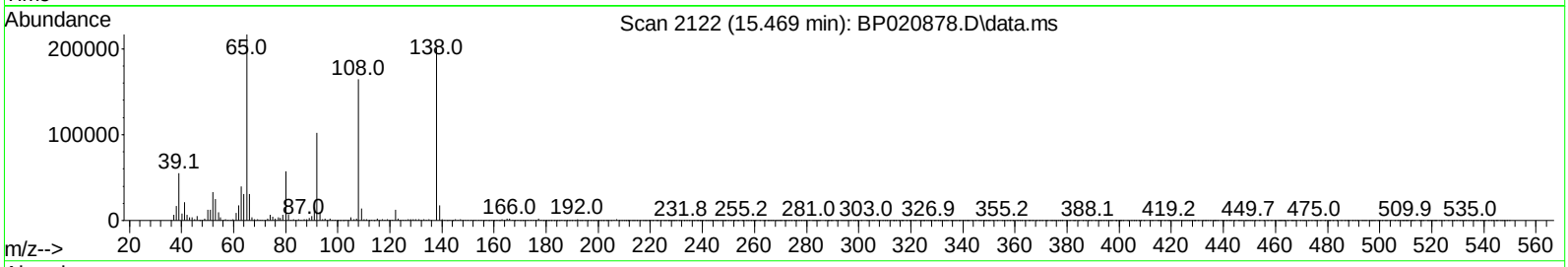


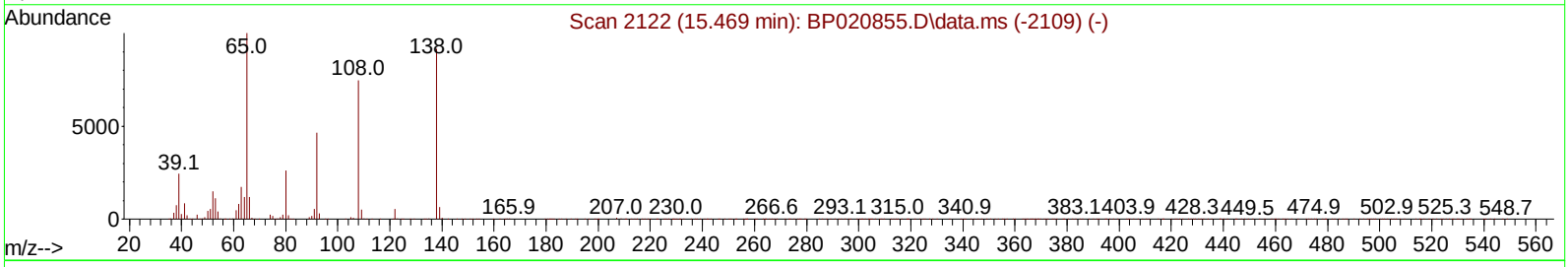


TIC: BP020878.D\data.ms

**(63) 4-Nitroaniline**

**15.469min (+ 0.024) 51.21 ng/ul m**

**response 347727**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 54.60 | 50.78 |
| 108.00 | 91.40 | 81.92 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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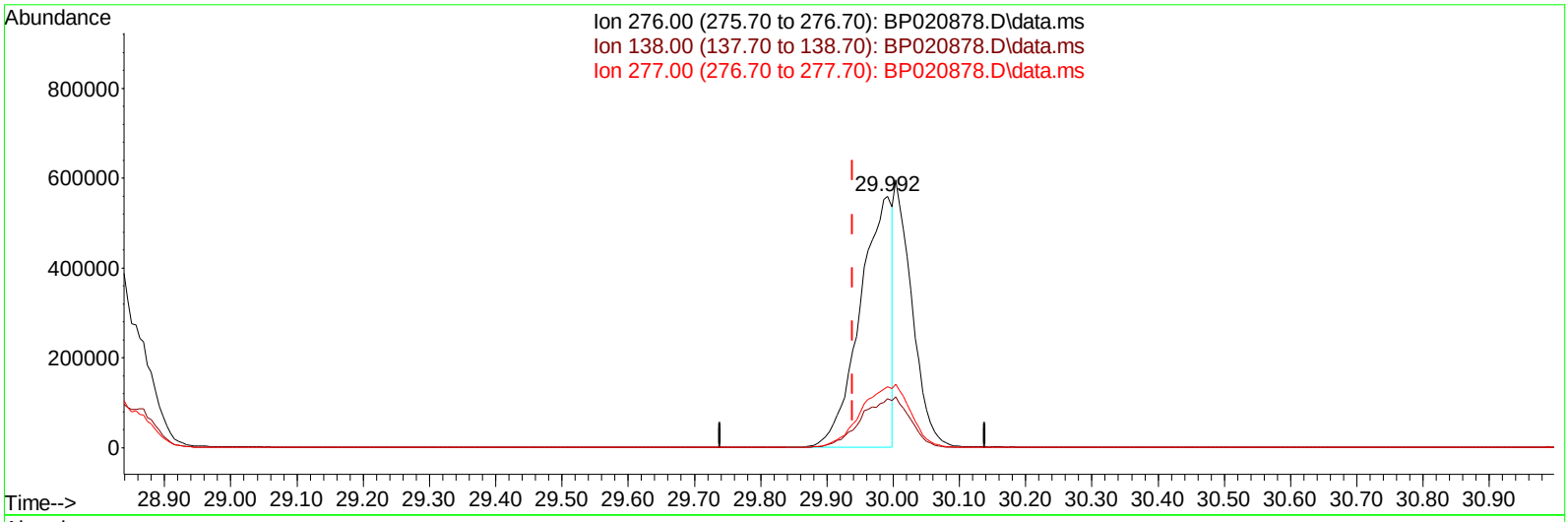


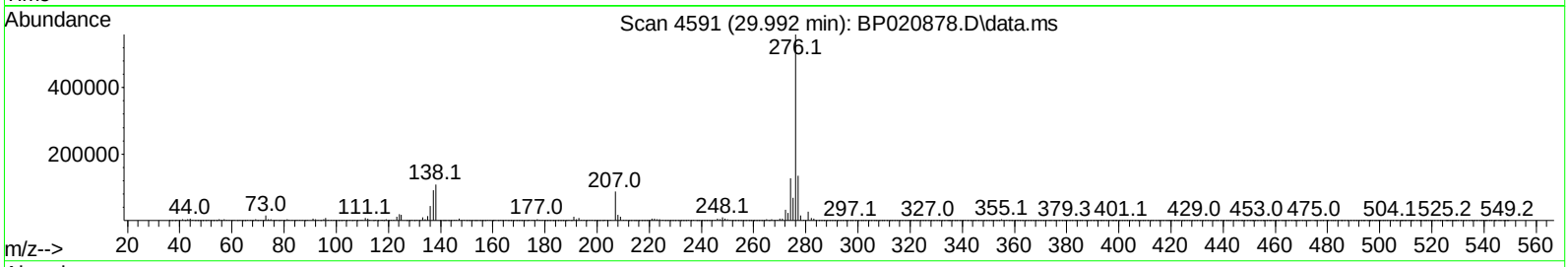


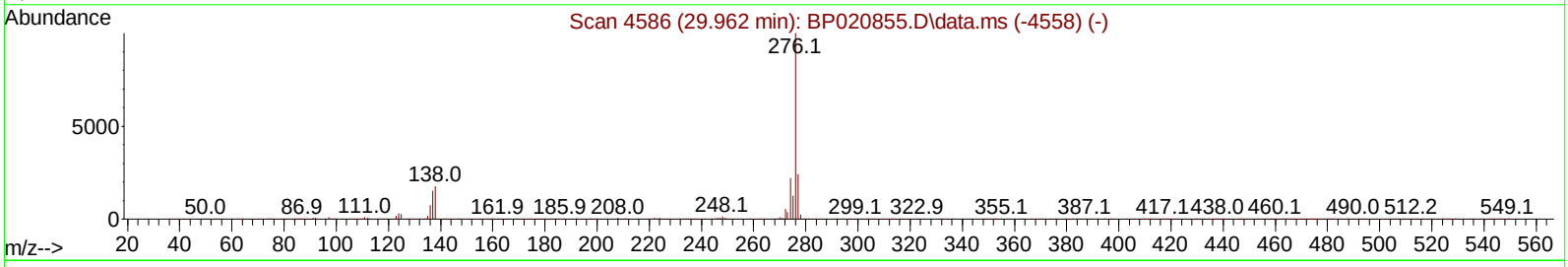


TIC: BP020878.D\data.ms

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

**29.992min (+ 0.053) 22.45 ng/ul**

**response 1873718**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.50 | 19.38 |
| 277.00 | 23.40 | 24.13 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
H0HC4MSD

**Manual IntegrationsAPPROVED**

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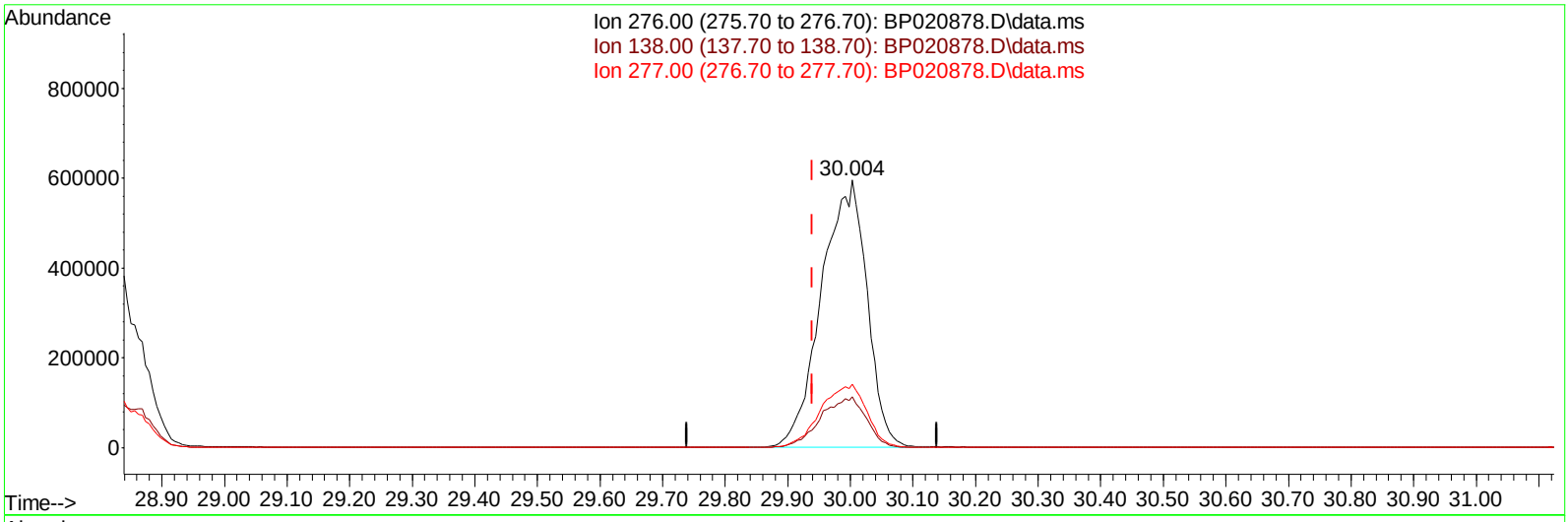


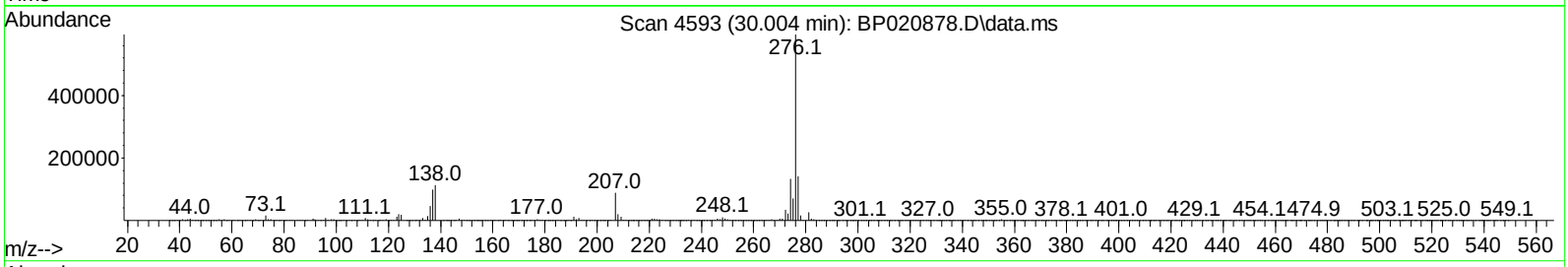


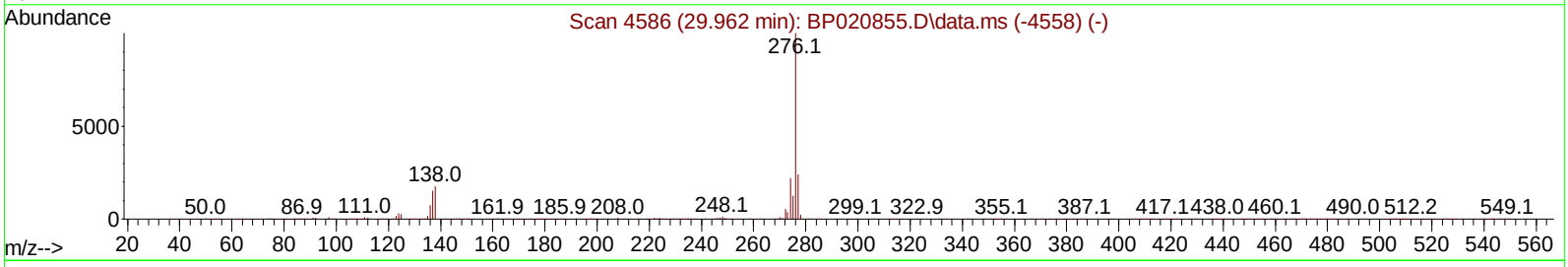


TIC: BP020878.D\data.ms

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

**30.004min (+ 0.065) 35.98 ng/ul m**

**response 3003292**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.50 | 19.05 |
| 277.00 | 23.40 | 23.65 |
| 0.00 | 0.00 | 0.00 |

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Misc :
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Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
H0HC4MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.722 | 152 | 224253 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.499 | 136 | 903503 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.357 | 164 | 609523 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.175 | 188 | 1267058 | 20.000 | ng/ul | 0.01 |
| 79) Chrysene-d12 | 21.622 | 240 | 1204359 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.974 | 264 | 1393870 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.264 | 96 | 15785 | 3.023 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.922 | 99 | 177391 | 9.645 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.069 | 67 | 335935 | 28.810 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.269 | 132 | 438771 | 29.189 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.434 | 113 | 314742 | 21.070 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.881 | 128 | 234828 | 35.204 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.587 | 143 | 275694 | 41.300 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.134 | 165 | 492226 | 35.797 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.640 | 131 | 117226 | 6.083 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.769 | 166 | 1573702 | 37.134 | ng/ul | 0.01 |
| 49) Acenaphthylene-d8 | 14.051 | 160 | 1676282 | 33.148 | ng/ul | 0.01 |
| 54) 4-Nitrophenol-d4 | 14.610 | 143 | 85906 | 13.267 | ng/ul | 0.03 |
| 60) Fluorene-d10 | 15.369 | 176 | 1327013 | 37.211 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.516 | 200 | 240784 | 37.709 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.275 | 188 | 2151165 | 37.829 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.657 | 212 | 2560665 | 35.391 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.757 | 264 | 2663944 | 39.289 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 21099 | 3.610 | ng/uL | 96 |
| 6) Benzaldehyde | 6.893 | 77 | 210911 | 22.675 | ng/ul | 98 |
| 8) Phenol | 6.952 | 94 | 189338 | 10.094 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.164 | 93 | 449941 | 28.975 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.299 | 128 | 443110 | 29.323 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.181 | 108 | 340640 | 23.671 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.252 | 45 | 629197 | 26.662 | ng/ul | 99 |
| 16) Acetophenone | 8.546 | 105 | 731188 | 30.650 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.522 | 70 | 365843 | 28.851 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.505 | 108 | 335246 | 22.008 | ng/ul | 98 |
| 19) Hexachloroethane | 8.781 | 117 | 191195 | 29.146 | ng/ul | 94 |
| 22) Nitrobenzene | 8.922 | 77 | 531369 | 30.728 | ng/ul | 96 |
| 23) Isophorone | 9.446 | 82 | 1055957 | 30.819 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.622 | 139 | 285574 | 39.614 | ng/ul | 93 |
| 26) 2,4-Dimethylphenol | 9.693 | 107 | 418869 | 24.948 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.910 | 93 | 616898 | 30.266 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.158 | 162 | 497734 | 36.571 | ng/ul | 98 |
| 30) Naphthalene | 10.546 | 128 | 1483971 | 30.686 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.669 | 127 | 233950 | 12.610 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.816 | 225 | 326534 | 32.092 | ng/ul | 98 |
| 34) Caprolactam | 11.540 | 113 | 17368 | 4.193 | ng/ul | 93 |
| 35) 4-Chloro-3-methylphenol | 11.799 | 107 | 556073 | 37.005 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.157 | 142 | 1062416 | 32.796 | ng/ul | 100 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2024
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.375 | 142 | 1096307 | 33.105 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.528 | 216 | 636785 | 32.677 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.493 | 237 | 134710 | 11.106 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.781 | 196 | 442466 | 38.061 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.863 | 196 | 488485 | 40.514 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.175 | 154 | 1438397 | 31.555 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.222 | 162 | 1139234 | 31.731 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.451 | 65 | 384555 | 42.525 | ng/ul | 89 |
| 47) Dimethylphthalate | 13.816 | 163 | 1547812 | 35.854 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 13.946 | 165 | 343289 | 44.596 | ng/ul | 90 |
| 50) Acenaphthylene | 14.081 | 152 | 1828225 | 32.006 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.281 | 138 | 289354 | 40.444 | ng/ul | 95 |
| 52) Acenaphthene | 14.428 | 153 | 1236342 | 32.628 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.504 | 184 | 145536 | 36.448 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.622 | 109 | 72634 | 12.535 | ng/ul | 96 |
| 56) Dibenzofuran | 14.763 | 168 | 1790572 | 35.068 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.757 | 165 | 498923 | 46.954 | ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.004 | 232 | 433431 | 43.524 | ng/ul | 92 |
| 59) Diethylphthalate | 15.204 | 149 | 1591437 | 37.373 | ng/ul | 98 |
| 61) Fluorene | 15.428 | 166 | 1489547 | 36.308 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.428 | 204 | 775923 | 36.244 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.469 | 138 | 347727m | 51.211 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.534 | 198 | 254784 | 37.249 | ng/ul | 95 |
| 67) N-Nitrosodiphenylamine | 15.651 | 169 | 1318445 | 35.284 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.345 | 248 | 519571 | 36.763 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.451 | 284 | 615169 | 38.883 | ng/ul | 91 |
| 70) Atrazine | 16.645 | 200 | 347910 | 26.411 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.816 | 266 | 379679 | 41.685 | ng/ul | 98 |
| 72) Phenanthrene | 17.216 | 178 | 2457235 | 37.034 | ng/ul | 100 |
| 74) Anthracene | 17.310 | 178 | 2468847 | 36.174 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.140 | 216 | 668206 | 32.488 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.681 | 250 | 619909 | 31.624 | ng/uL | 99 |
| 77) Carbazole | 17.610 | 167 | 2271945 | 40.336 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.181 | 149 | 2859481 | 39.087 | ng/ul | 99 |
| 80) Fluoranthene | 19.316 | 202 | 3022825 | 34.203 | ng/ul | 99 |
| 82) Pyrene | 19.686 | 202 | 3093022 | 34.124 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.633 | 149 | 1360255 | 40.416 | ng/ul | 92 |
| 84) 3,3'-Dichlorobenzidine | 21.522 | 252 | 616804 | 23.164 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.604 | 228 | 3124250 | 37.010 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.522 | 149 | 1870911 | 35.802 | ng/ul# | 99 |
| 87) Chrysene | 21.675 | 228 | 2931485 | 36.739 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.798 | 149 | 3340112 | 37.327 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.922 | 252 | 3200821 | 37.905 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.986 | 252 | 3141015 | 36.772 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.827 | 252 | 2703202 | 33.912 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.804 | 276 | 3887139 | 38.018 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 28.868 | 278 | 3135077 | 37.308 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 30.004 | 276 | 3003292m | 35.977 | ng/ul | |

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

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