Quantitation Report (Qedit)

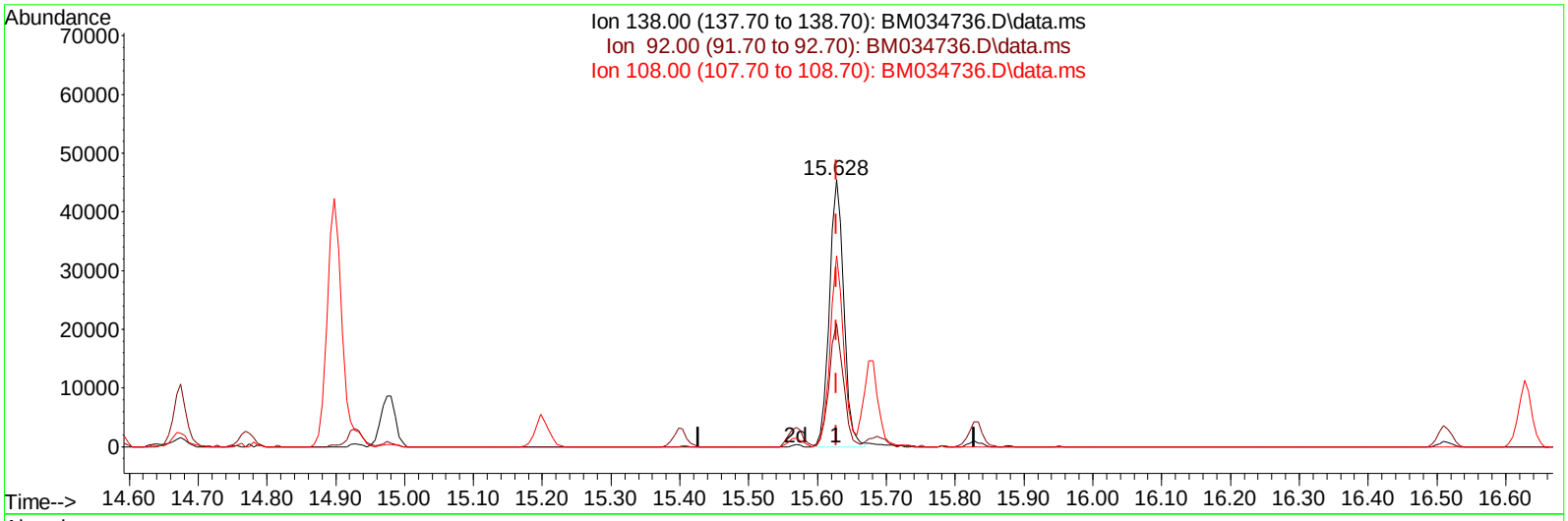
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034736.D
Acq On : 20 Apr 2022 22:35
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

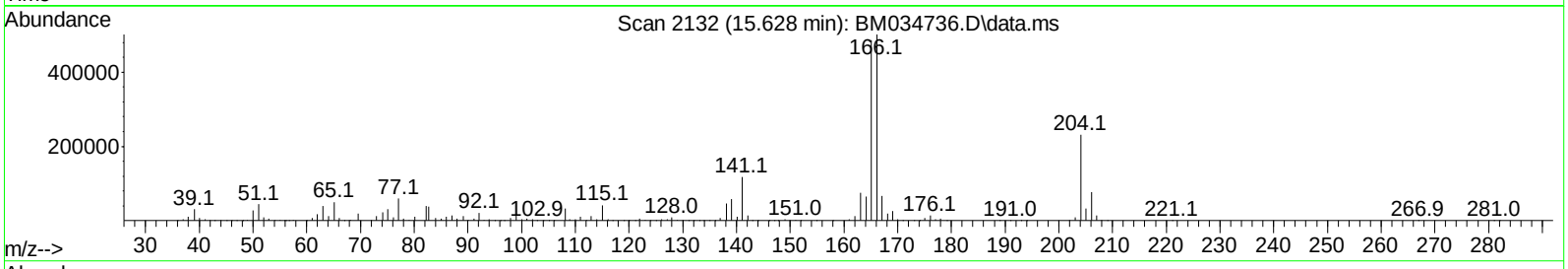
Quant Time: Apr 22 00:38:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 05:03:15 2022
Response via : Initial Calibration

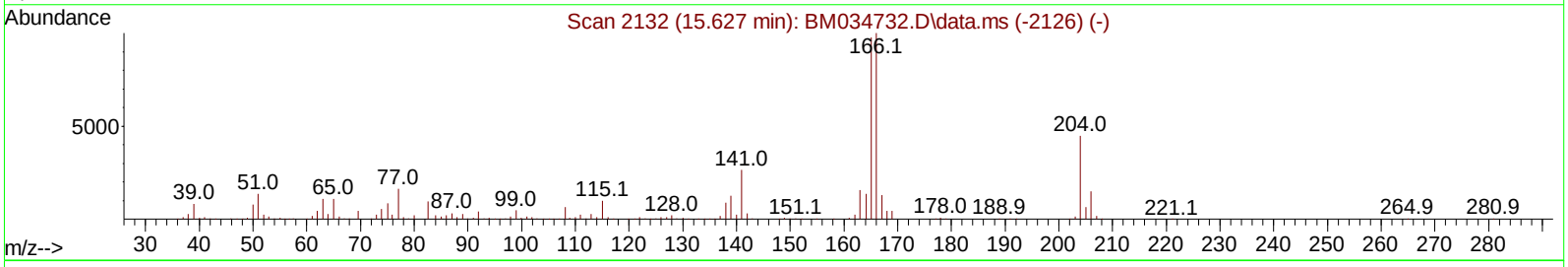
**Instrument :**
BNA_M
**ClientSampleId :**
SICV031

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022




TIC: BM034736.D\data.ms

**(63) 4-Nitroaniline**

**15.628min (+ 0.000) 13.36 ng/ul**

**response 65439**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 46.50 | 46.14 |
| 108.00 | 73.00 | 71.66 |
| 0.00 | 0.00 | 0.00 |

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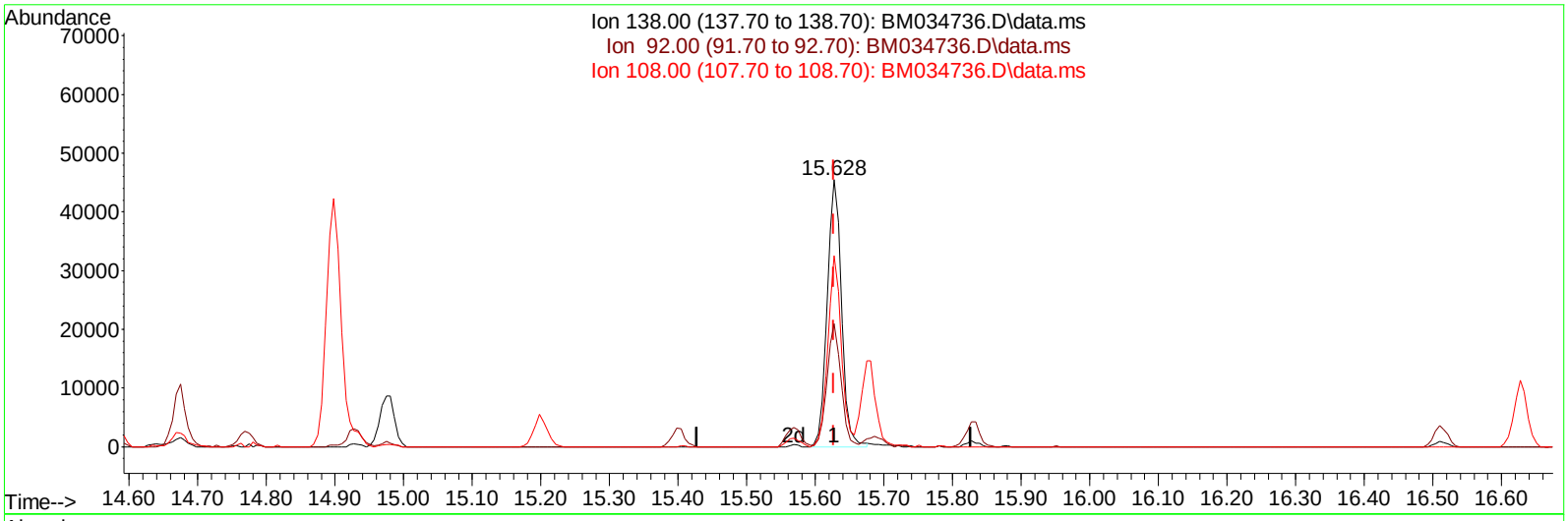
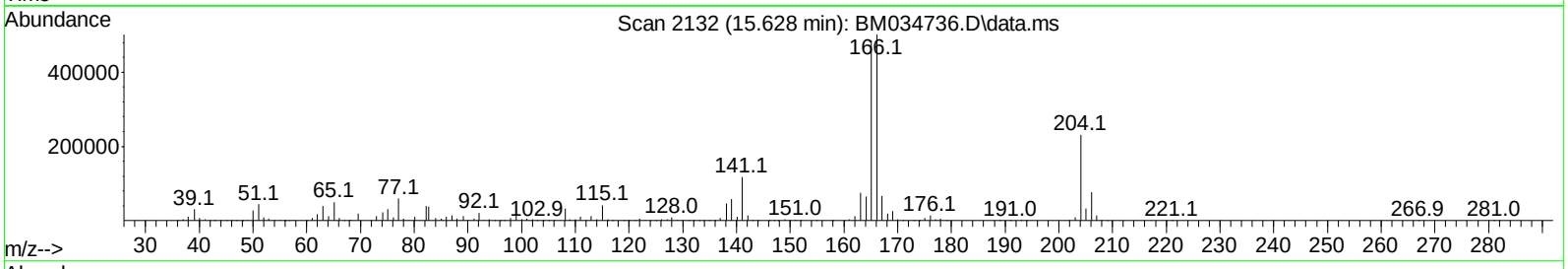
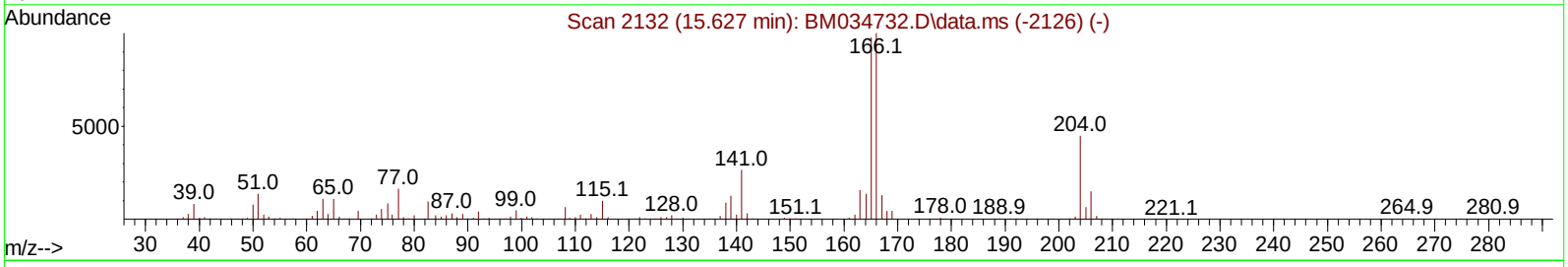
**Instrument :**
BNA_M
**ClientSampleId :**
SICV031

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022




TIC: BM034736.D\data.ms

**(63) 4-Nitroaniline**

**15.628min (+ 0.000) 13.41 ng/ul m**

**response 65661**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 46.50 | 46.14 |
| 108.00 | 73.00 | 71.66 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 05:03:15 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SICV031

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.946 | 152 | 199407 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.751 | 136 | 761061 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.581 | 164 | 489240 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.316 | 188 | 1030460 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.492 | 240 | 1153767 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.892 | 264 | 1187903 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.381 | 96 | 33195 | 7.315 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.793 | 84 | 200575 | 17.805 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.105 | 99 | 276378 | 18.351 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.275 | 67 | 146292 | 17.320 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.475 | 132 | 247972 | 19.453 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.651 | 113 | 230041 | 19.090 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.104 | 128 | 113937 | 20.494 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.828 | 143 | 127322 | 22.058 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.369 | 165 | 265344 | 21.823 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.881 | 131 | 334175 | 20.326 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.992 | 166 | 747512 | 20.988 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.275 | 160 | 930251 | 20.309 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.757 | 143 | 119235 | 19.943 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.569 | 176 | 645146 | 20.933 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 200 | 111027 | 18.780 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.416 | 188 | 1025351 | 20.434 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.704 | 212 | 1212236 | 19.305 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.739 | 264 | 1219878 | 20.304 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.417 | 88 | 31392 | 7.078 | ng/uL | 94 |
| 5) Pyridine | 3.817 | 79 | 210689 | 17.830 | ng/ul | 91 |
| 6) Benzaldehyde | 7.081 | 77 | 147267 | 18.504 | ng/ul | 90 |
| 8) Phenol | 7.134 | 94 | 270448 | 18.247 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.369 | 93 | 209138 | 18.282 | ng/ul | 92 |
| 12) 2-Chlorophenol | 7.510 | 128 | 251002 | 19.454 | ng/ul | 93 |
| 13) 2-Methylphenol | 8.387 | 108 | 210225 | 18.707 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.481 | 45 | 237279 | 15.415 | ng/ul# | 90 |
| 16) Acetophenone | 8.769 | 105 | 354629 | 19.208 | ng/ul | 93 |
| 17) N-Nitroso-di-n-propyla... | 8.757 | 70 | 160541 | 18.128 | ng/ul | 90 |
| 18) 4-Methylphenol | 8.716 | 108 | 230995 | 19.001 | ng/ul | 98 |
| 19) Hexachloroethane | 9.034 | 117 | 101799 | 18.832 | ng/ul# | 80 |
| 22) Nitrobenzene | 9.146 | 77 | 230908 | 18.397 | ng/ul | 95 |
| 23) Isophorone | 9.681 | 82 | 431694 | 18.759 | ng/ul | 96 |
| 25) 2-Nitrophenol | 9.863 | 139 | 135613 | 21.396 | ng/ul | 93 |
| 26) 2,4-Dimethylphenol | 9.922 | 107 | 264682 | 19.842 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.163 | 93 | 273349 | 18.949 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.393 | 162 | 259618 | 21.889 | ng/ul | 98 |
| 30) Naphthalene | 10.804 | 128 | 781307 | 20.090 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.904 | 127 | 330538 | 20.253 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.098 | 225 | 199517 | 23.282 | ng/ul | 97 |
| 34) Caprolactam | 11.663 | 113 | 60870 | 20.586 | ng/ul# | 76 |
| 35) 4-Chloro-3-methylphenol | 12.028 | 107 | 227923 | 20.281 | ng/ul | 95 |

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 05:03:15 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SICV031

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.410 | 142 | 553540 | 20.538 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.628 | 142 | 555228 | 20.471 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.781 | 216 | 367149 | 23.568 | ng/ul# | 94 |
| 40) Hexachlorocyclopentadiene | 12.769 | 237 | 242581 | 21.509 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.010 | 196 | 209784 | 22.389 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 13.081 | 196 | 226482 | 22.592 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.416 | 154 | 743044 | 19.649 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.457 | 162 | 586097 | 19.901 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.651 | 65 | 115411 | 18.176 | ng/ul | 85 |
| 47) Dimethylphthalate | 14.039 | 163 | 719622 | 20.638 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.145 | 165 | 138167 | 21.984 | ng/ul | 94 |
| 50) Acenaphthylene | 14.298 | 152 | 923753 | 20.223 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.469 | 138 | 82947 | 14.858 | ng/ul | 96 |
| 52) Acenaphthene | 14.639 | 153 | 606350 | 20.142 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.675 | 184 | 68712 | 18.762 | ng/ul# | 84 |
| 55) 4-Nitrophenol | 14.769 | 109 | 88258 | 18.601 | ng/ul | 94 |
| 56) Dibenzofuran | 14.975 | 168 | 892080 | 20.830 | ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.928 | 165 | 196134 | 22.220 | ng/ul# | 88 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.198 | 232 | 198685 | 24.914 | ng/ul# | 85 |
| 59) Diethylphthalate | 15.404 | 149 | 698746 | 20.441 | ng/ul | 96 |
| 61) Fluorene | 15.628 | 166 | 716667 | 20.789 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.622 | 204 | 399994 | 22.561 | ng/ul | 91 |
| 63) 4-Nitroaniline | 15.628 | 138 | 65661m | 13.407 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.692 | 198 | 115455 | 19.469 | ng/ul# | 84 |
| 67) N-Nitrosodiphenylamine | 15.827 | 169 | 613883 | 19.367 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.516 | 248 | 248511 | 21.936 | ng/ul# | 89 |
| 69) Hexachlorobenzene | 16.627 | 284 | 286477 | 22.131 | ng/ul# | 90 |
| 70) Atrazine | 16.780 | 200 | 237445 | 20.368 | ng/ul | 95 |
| 71) Pentachlorophenol | 16.969 | 266 | 171652 | 20.421 | ng/ul | 98 |
| 72) Phenanthrene | 17.363 | 178 | 1130567 | 19.952 | ng/ul | 100 |
| 74) Anthracene | 17.451 | 178 | 1173245 | 20.363 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.381 | 216 | 368278 | 21.227 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.898 | 250 | 355421 | 22.224 | ng/uL | 99 |
| 77) Carbazole | 17.716 | 167 | 987441 | 19.613 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.298 | 149 | 1111861 | 19.347 | ng/ul | 99 |
| 80) Fluoranthene | 19.374 | 202 | 1369481 | 18.653 | ng/ul# | 95 |
| 82) Pyrene | 19.733 | 202 | 1436346 | 18.995 | ng/ul# | 92 |
| 83) Butylbenzylphthalate | 20.639 | 149 | 481149 | 18.155 | ng/ul# | 90 |
| 84) 3,3'-Dichlorobenzidine | 21.409 | 252 | 438051 | 18.507 | ng/ul# | 97 |
| 85) Benzo(a)anthracene | 21.480 | 228 | 1450029 | 20.213 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.421 | 149 | 769340 | 18.310 | ng/ul# | 98 |
| 87) Chrysene | 21.533 | 228 | 1426199 | 20.219 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.351 | 149 | 1244195 | 18.477 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.162 | 252 | 1481931 | 20.410 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.215 | 252 | 1464921 | 21.252 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 23.786 | 252 | 1472620 | 20.232 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.386 | 276 | 1695852 | 19.306 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.397 | 278 | 1465409 | 19.293 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 27.144 | 276 | 1415262 | 19.055 | ng/ul | 100 |

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

**Instrument :**
BNA_M
**ClientSampleId :**
SICV031

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022

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BNA_M
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SICV031

**Manual IntegrationsAPPROVED**

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