Quantitation Report (Qedit)

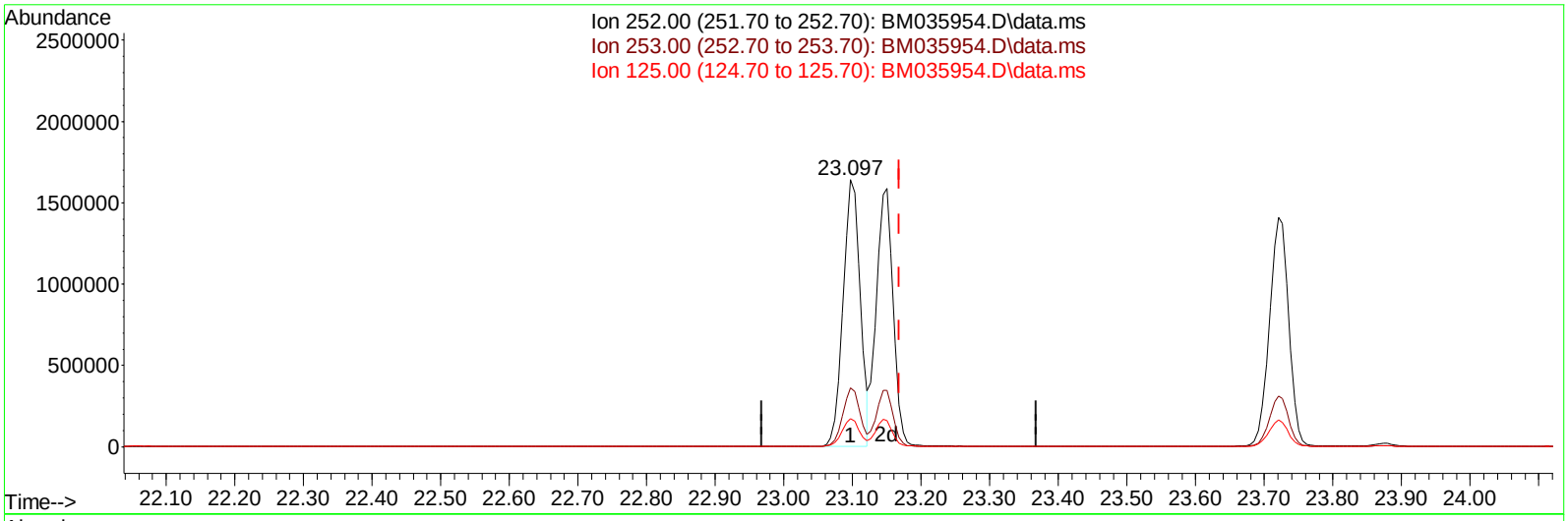
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
Data File : BM035954.D
Acq On : 27 Jul 2022 17:11
Operator : CG/JU
Sample : N3741-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

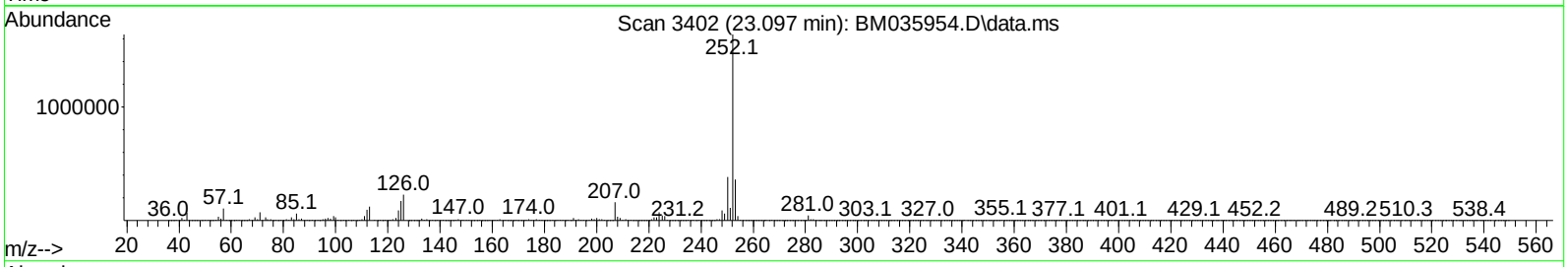
Quant Time: Jul 27 23:13:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 27 03:28:49 2022
Response via : Initial Calibration

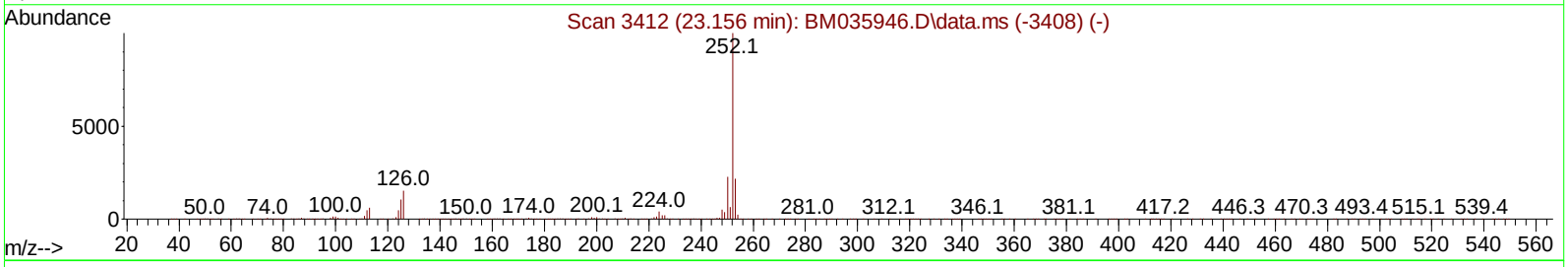
**Instrument :**
BNA_M
**ClientSampleId :**
H0B12MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022




TIC: BM035954.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.097min (-0.071) 35.48 ng/ul**

**response 2826028**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.70 | 22.02 |
| 125.00 | 13.20 | 10.62 |
| 0.00 | 0.00 | 0.00 |

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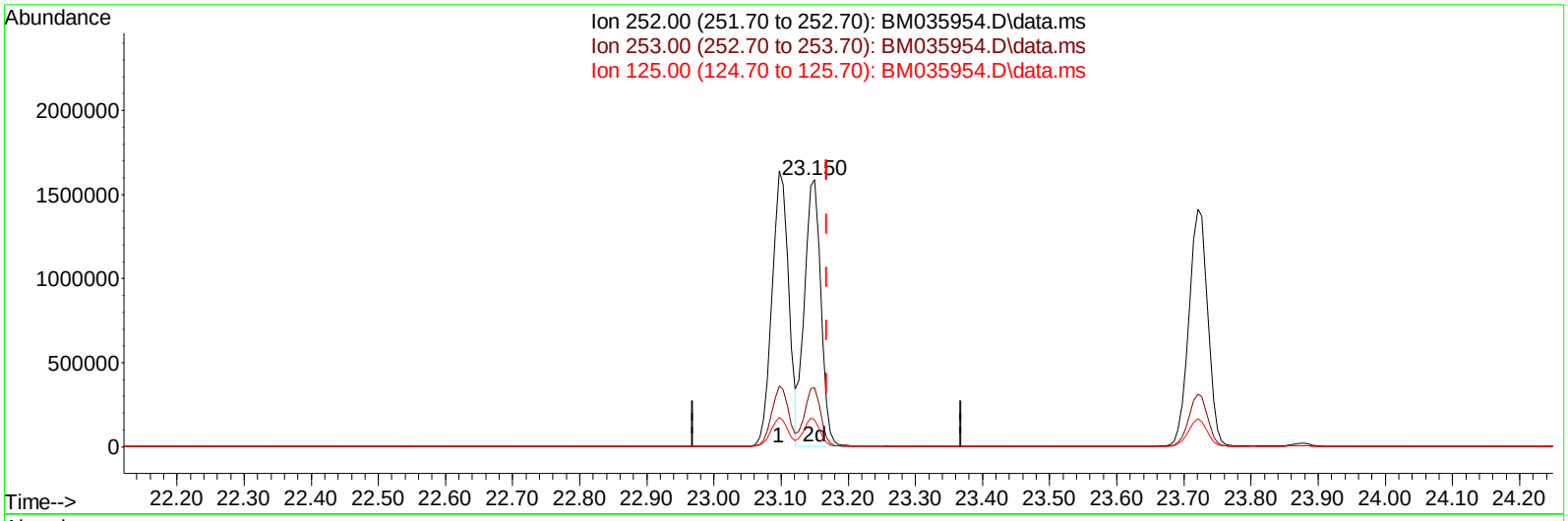


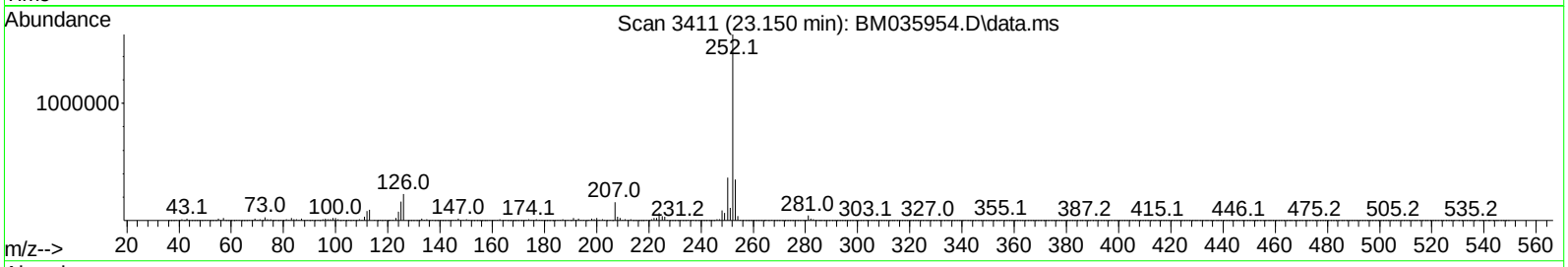


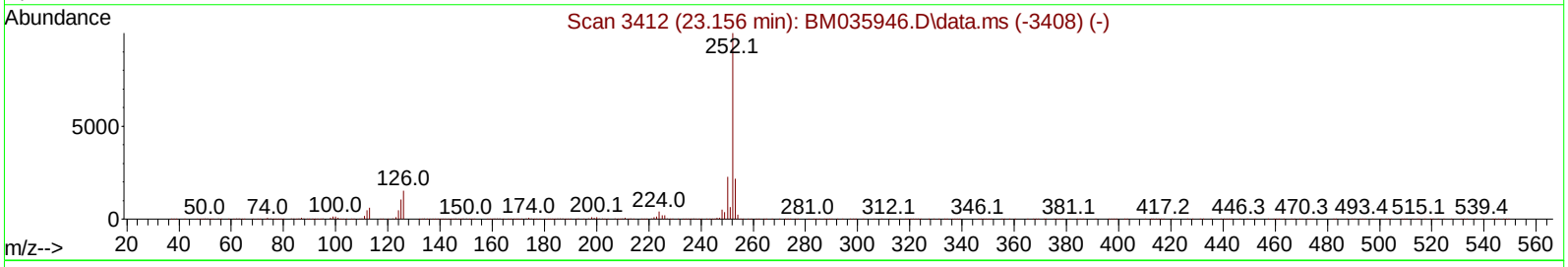


TIC: BM035954.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.150min (-0.018) 34.02 ng/ul m**

**response 2709927**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.70 | 21.96 |
| 125.00 | 13.20 | 10.16# |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_M
**ClientSampleId :**
H0B12MSD

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.886 | 152 | 294365 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.698 | 136 | 1201819 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.527 | 164 | 679005 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.268 | 188 | 1334333 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.444 | 240 | 1187843 | 20.000 | ng/ul | -0.02 |
| 88) Perylene-d12 | 23.821 | 264 | 1257834 | 20.000 | ng/ul | -0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 37873 | 4.841 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.698 | 84 | 321387 | 14.996 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.057 | 99 | 648943 | 26.289 | ng/ul | -0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.222 | 67 | 387749 | 23.562 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.416 | 132 | 559952 | 27.328 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.610 | 113 | 507075 | 25.356 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 9.057 | 128 | 265455 | 27.874 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.780 | 143 | 282880 | 30.488 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.316 | 165 | 505314 | 30.112 | ng/ul | -0.02 |
| 31) 4-Chloroaniline-d4 | 10.839 | 131 | 689063 | 24.256 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.945 | 166 | 1486057 | 32.129 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.221 | 160 | 1802250 | 30.540 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.733 | 143 | 232548 | 24.484 | ng/ul | -0.02 |
| 60) Fluorene-d10 | 15.515 | 176 | 1291136 | 30.892 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 200 | 174326 | 24.305 | ng/ul | -0.02 |
| 73) Anthracene-d10 | 17.368 | 188 | 1976310 | 32.760 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.656 | 212 | 2262408 | 34.366 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.668 | 264 | 2143781 | 33.571 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.310 | 88 | 88984 | 10.976 | ng/uL | 92 |
| 5) Pyridine | 3.722 | 79 | 427012 | 18.987 | ng/ul | 87 |
| 6) Benzaldehyde | 7.028 | 77 | 485947 | 46.904 | ng/ul | 96 |
| 8) Phenol | 7.081 | 94 | 762015 | 28.208 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.316 | 93 | 604875 | 27.851 | ng/ul | 95 |
| 12) 2-Chlorophenol | 7.451 | 128 | 636836 | 30.298 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.339 | 108 | 554649 | 27.484 | ng/ul | 94 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.428 | 45 | 790035 | 27.559 | ng/ul | 96 |
| 16) Acetophenone | 8.722 | 105 | 901900 | 28.090 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.704 | 70 | 453085 | 28.298 | ng/ul | 94 |
| 18) 4-Methylphenol | 8.669 | 108 | 607526 | 28.062 | ng/ul | 97 |
| 19) Hexachloroethane | 8.969 | 117 | 268775 | 30.992 | ng/ul | 96 |
| 22) Nitrobenzene | 9.098 | 77 | 657121 | 30.153 | ng/ul | 99 |
| 23) Isophorone | 9.627 | 82 | 1261597 | 30.667 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.810 | 139 | 344840 | 33.501 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.875 | 107 | 406217 | 19.313 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.110 | 93 | 770943 | 29.714 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.345 | 162 | 562648 | 32.304 | ng/ul | 99 |
| 30) Naphthalene | 10.745 | 128 | 1948506 | 30.716 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.863 | 127 | 754381 | 26.732 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.027 | 225 | 356782 | 33.181 | ng/ul | 99 |
| 34) Caprolactam | 11.645 | 113 | 182828 | 31.761 | ng/ul | 86 |
| 35) 4-Chloro-3-methylphenol | 11.986 | 107 | 582417 | 32.158 | ng/ul | 97 |

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**Instrument :**
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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.357 | 142 | 1276853 | 30.765 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.574 | 142 | 1285047 | 30.718 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.721 | 216 | 635193 | 32.863 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.698 | 237 | 263027 | 20.433 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.968 | 196 | 428009 | 34.603 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.039 | 196 | 458831 | 34.765 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.368 | 154 | 1679108 | 32.128 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.410 | 162 | 1294901 | 32.285 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.615 | 65 | 374683 | 33.884 | ng/ul | 96 |
| 47) Dimethylphthalate | 13.992 | 163 | 1567368 | 33.690 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.115 | 165 | 335615 | 36.335 | ng/ul | 99 |
| 50) Acenaphthylene | 14.251 | 152 | 2111065 | 32.338 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.439 | 138 | 365209 | 35.777 | ng/ul | 94 |
| 52) Acenaphthene | 14.592 | 153 | 1350370 | 31.885 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.651 | 184 | 162346 | 30.956 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.745 | 109 | 228520 | 31.458 | ng/ul | 84 |
| 56) Dibenzofuran | 14.927 | 168 | 1907792 | 32.557 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.898 | 165 | 477267 | 36.656 | ng/ul | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.151 | 232 | 367817 | 35.470 | ng/ul | 95 |
| 59) Diethylphthalate | 15.351 | 149 | 1665206 | 35.386 | ng/ul | 99 |
| 61) Fluorene | 15.574 | 166 | 1550737 | 32.396 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.568 | 204 | 746995 | 32.570 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.598 | 138 | 394762 | 42.006 | ng/ul | 91 |
| 66) 4,6-Dinitro-2-methylph... | 15.662 | 198 | 244623 | 34.084 | ng/ul# | 97 |
| 67) N-Nitrosodiphenylamine | 15.780 | 169 | 1316959 | 33.572 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.462 | 248 | 466761 | 35.682 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.574 | 284 | 563928 | 35.381 | ng/ul | 97 |
| 70) Atrazine | 16.733 | 200 | 495677 | 36.431 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.915 | 266 | 276792 | 28.427 | ng/ul | 99 |
| 72) Phenanthrene | 17.309 | 178 | 2417908 | 33.809 | ng/ul | 98 |
| 74) Anthracene | 17.403 | 178 | 2412719 | 33.621 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.327 | 216 | 644564 | 31.063 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.845 | 250 | 640757 | 34.066 | ng/uL | 100 |
| 77) Carbazole | 17.674 | 167 | 2306238 | 34.795 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.239 | 149 | 2938732 | 39.298 | ng/ul | 100 |
| 80) Fluoranthene | 19.321 | 202 | 2818814 | 35.837 | ng/ul | 99 |
| 82) Pyrene | 19.686 | 202 | 2874915 | 35.461 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.586 | 149 | 1243405 | 42.169 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.362 | 252 | 839833 | 38.314 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.427 | 228 | 2692604 | 36.014 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.362 | 149 | 1834477 | 43.057 | ng/ul | 99 |
| 87) Chrysene | 21.480 | 228 | 2598010 | 35.614 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.280 | 149 | 3032789 | 37.337 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.097 | 252 | 2826028 | 33.665 | ng/ul# | 97 |
| 91) Benzo(k)fluoranthene | 23.150 | 252 | 2709927m | 34.019 | ng/ul | |
| 93) Benzo(a)pyrene | 23.721 | 252 | 2760425 | 34.524 | ng/ul# | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 26.309 | 276 | 3312967 | 38.872 | ng/ul# | 92 |
| 95) Dibenzo(a,h)anthracene | 26.326 | 278 | 2861686 | 39.138 | ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 27.068 | 276 | 2218807 | 31.416 | ng/ul | 95 |

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

**Instrument :**
BNA_M
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