Quantitation Report (Qedit)

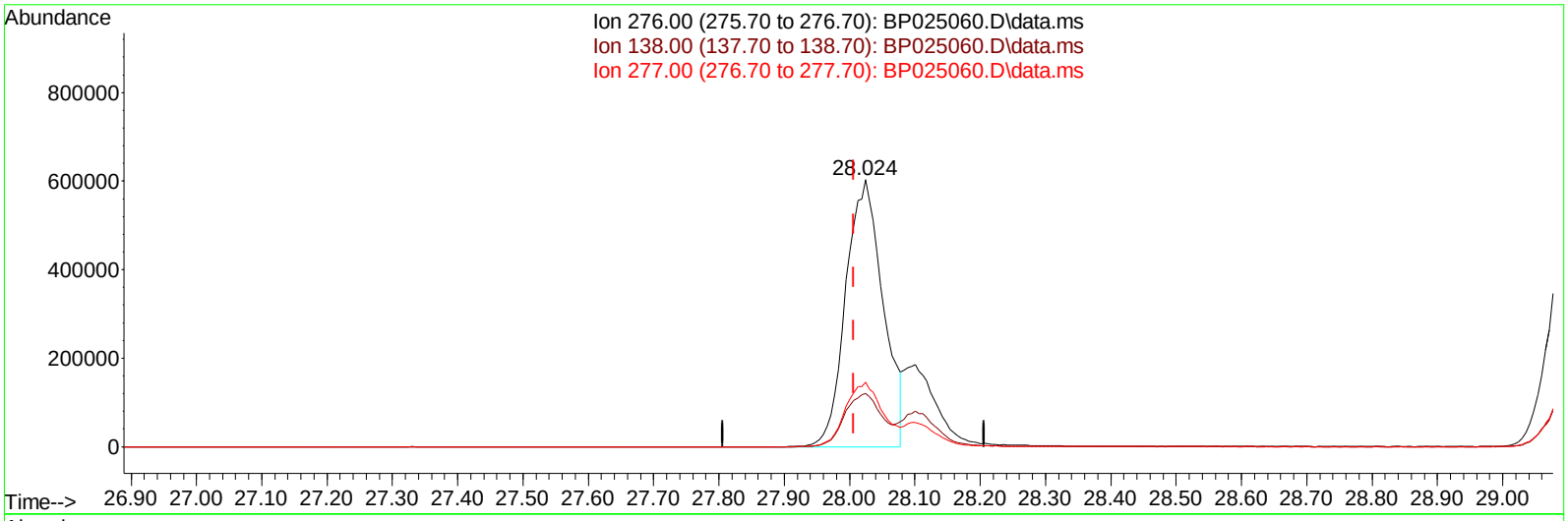
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070125\
Data File : BP025060.D
Acq On : 01 Jul 2025 17:56
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

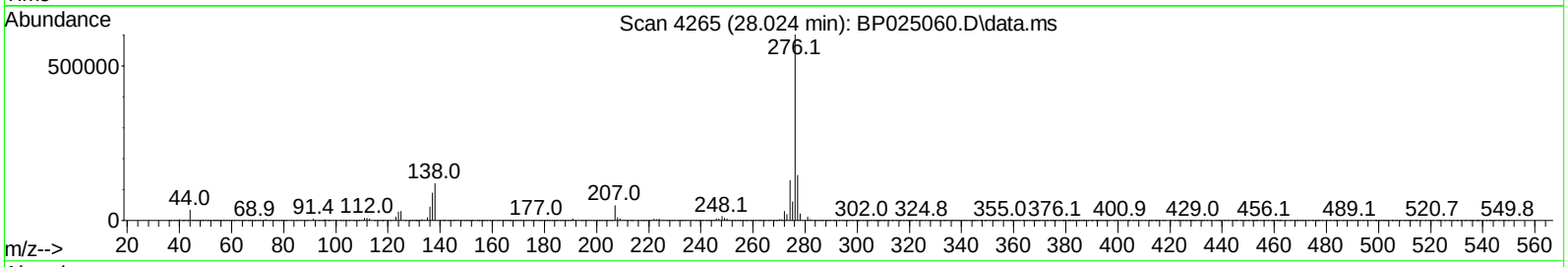
Quant Time: Jul 01 18:18:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP063025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 11:17:33 2025
Response via : Initial Calibration

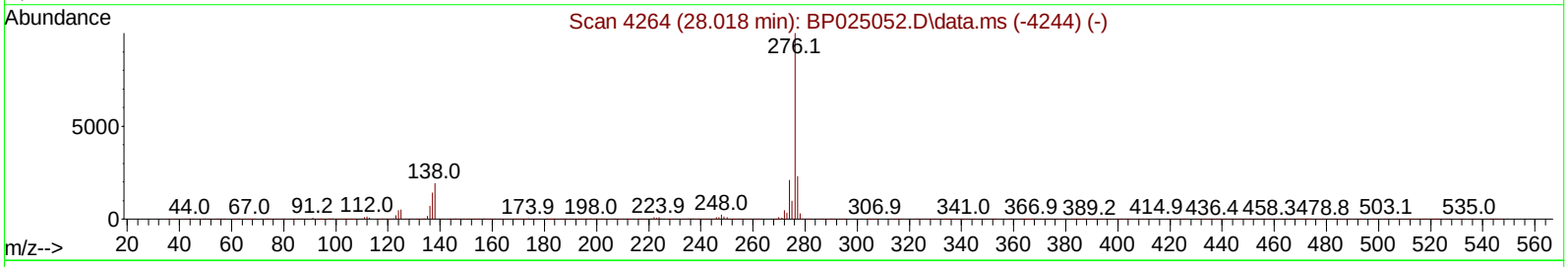
**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025




TIC: BP025060.D\data.ms

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

**28.024min (+ 0.018) 15.61 ng/ul**

**response 2384077**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.20 | 20.04 |
| 277.00 | 24.70 | 24.25 |
| 0.00 | 0.00 | 0.00 |

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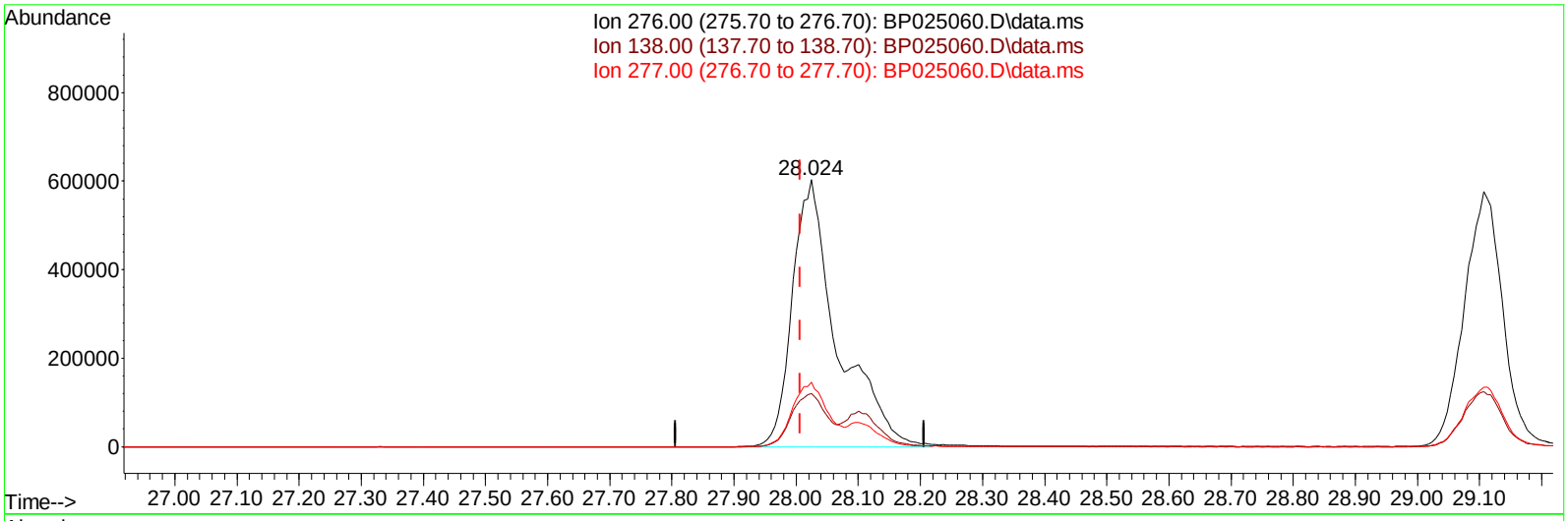


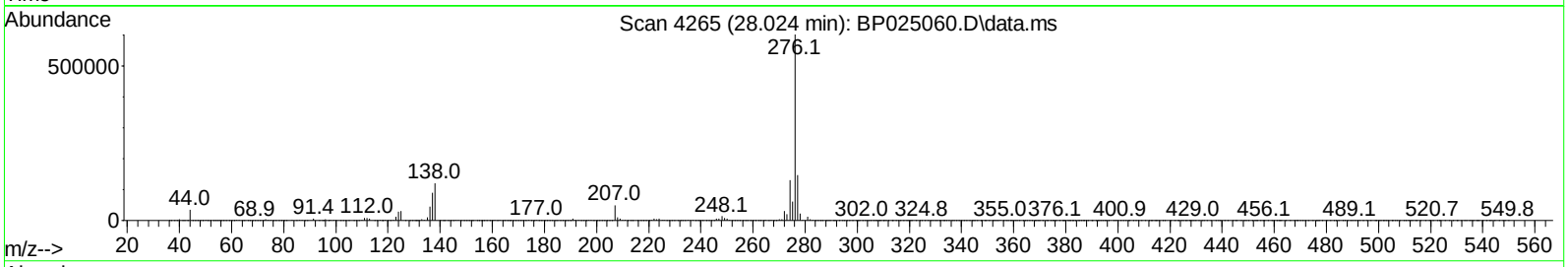


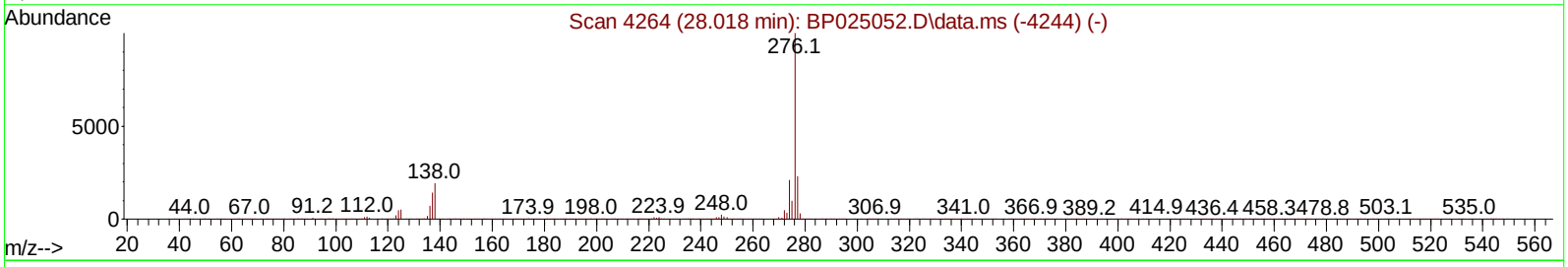


TIC: BP025060.D\data.ms

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

**28.024min (+ 0.018) 19.83 ng/ul m**

**response 3028210**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.20 | 20.04 |
| 277.00 | 24.70 | 24.25 |
| 0.00 | 0.00 | 0.00 |

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Response via : Initial Calibration

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.443 | 152 | 335011 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.196 | 136 | 1394362 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.096 | 164 | 921334 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.925 | 188 | 1838965 | 20.000 | ng/ul | 0.01 |
| 79) Chrysene-d12 | 21.348 | 240 | 2019015 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.489 | 264 | 2169964 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.090 | 96 | 60245 | 8.049 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.473 | 84 | 428736 | 20.232 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.625 | 99 | 504344 | 19.556 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.796 | 67 | 309581 | 20.853 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 6.984 | 132 | 426636 | 20.444 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.137 | 113 | 412157 | 19.730 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.566 | 128 | 182020 | 19.446 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.278 | 143 | 150136 | 18.401 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.819 | 165 | 412545 | 19.898 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.319 | 131 | 633785 | 19.851 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.507 | 166 | 1330387 | 20.101 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.784 | 160 | 1580495 | 20.392 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.296 | 143 | 232131 | 18.568 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.119 | 176 | 1176839 | 20.712 | ng/ul | 0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.237 | 200 | 129613 | 16.221 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.019 | 188 | 1850039 | 20.926 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.413 | 212 | 2112118 | 20.396 | ng/ul | 0.02 |
| 92) Benzo(a)pyrene-d12 | 24.266 | 264 | 2178835 | 19.964 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.126 | 88 | 65343 | 8.085 | ng/uL | 98 |
| 5) Pyridine | 3.490 | 79 | 444457 | 20.243 | ng/ul | 99 |
| 6) Benzaldehyde | 6.602 | 77 | 311552 | 24.928 | ng/ul | 99 |
| 8) Phenol | 6.655 | 94 | 532535 | 20.113 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 6.884 | 93 | 415454 | 20.368 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.014 | 128 | 439534 | 20.582 | ng/ul | 98 |
| 13) 2-Methylphenol | 7.878 | 108 | 393885 | 19.537 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 7.966 | 45 | 584899 | 20.732 | ng/ul | 99 |
| 16) Acetophenone | 8.243 | 105 | 685173 | 20.933 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.237 | 70 | 324201 | 21.679 | ng/ul | 100 |
| 18) 4-Methylphenol | 8.196 | 108 | 439935 | 20.180 | ng/ul | 99 |
| 19) Hexachloroethane | 8.502 | 117 | 165334 | 20.301 | ng/ul | 98 |
| 22) Nitrobenzene | 8.608 | 77 | 442227 | 20.397 | ng/ul | 99 |
| 23) Isophorone | 9.137 | 82 | 919289 | 20.549 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.308 | 139 | 185885 | 19.468 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.384 | 107 | 479777 | 20.858 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.619 | 93 | 562916 | 20.341 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 9.843 | 162 | 415430 | 20.059 | ng/ul | 98 |
| 30) Naphthalene | 10.243 | 128 | 1482265 | 20.257 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.343 | 127 | 635079 | 20.264 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.549 | 225 | 268585 | 19.450 | ng/ul | 96 |
| 34) Caprolactam | 11.090 | 113 | 140369 | 19.119 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 11.484 | 107 | 427950 | 20.716 | ng/ul | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 11.872 | 142 | 1060419 | 20.339 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.090 | 142 | 1048735 | 20.472 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.249 | 216 | 526163 | 19.346 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.243 | 237 | 224687 | 16.882 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.490 | 196 | 320313 | 19.920 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 12.560 | 196 | 361355 | 20.199 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 12.913 | 154 | 1368368 | 20.051 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 12.949 | 162 | 1063303 | 20.038 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.143 | 65 | 207887 | 20.729 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.554 | 163 | 1330695 | 20.373 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.666 | 165 | 212153 | 20.745 | ng/ul | 99 |
| 50) Acenaphthylene | 13.807 | 152 | 1793004 | 20.406 | ng/ul | 99 |
| 51) 3-Nitroaniline | 13.990 | 138 | 231000 | 19.309 | ng/ul | 98 |
| 52) Acenaphthene | 14.160 | 153 | 1168367 | 20.587 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.201 | 184 | 80093 | 15.697 | ng/ul | 92 |
| 55) 4-Nitrophenol | 14.307 | 109 | 177724 | 20.051 | ng/ul | 95 |
| 56) Dibenzofuran | 14.513 | 168 | 1634237 | 20.323 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.472 | 165 | 315028 | 20.865 | ng/ul | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.743 | 232 | 285226 | 19.729 | ng/ul | 95 |
| 59) Diethylphthalate | 14.972 | 149 | 1314556 | 20.604 | ng/ul | 99 |
| 61) Fluorene | 15.178 | 166 | 1333013 | 20.504 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.184 | 204 | 637535 | 19.865 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.184 | 138 | 254468 | 21.575 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.248 | 198 | 146725 | 16.870 | ng/ul | 94 |
| 67) N-Nitrosodiphenylamine | 15.395 | 169 | 1136128 | 20.867 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.101 | 248 | 393669 | 20.409 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.201 | 284 | 493667 | 20.403 | ng/ul | 96 |
| 70) Atrazine | 16.390 | 200 | 397108 | 19.850 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.566 | 266 | 266827 | 18.244 | ng/ul | 98 |
| 72) Phenanthrene | 16.966 | 178 | 2139220 | 20.897 | ng/ul | 99 |
| 74) Anthracene | 17.054 | 178 | 2156524 | 21.021 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 12.860 | 216 | 540270 | 19.642 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.431 | 250 | 563398 | 20.251 | ng/uL | 99 |
| 77) Carbazole | 17.337 | 167 | 1995787 | 21.701 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 17.972 | 149 | 2138678 | 21.082 | ng/ul | 100 |
| 80) Fluoranthene | 19.072 | 202 | 2449278 | 20.362 | ng/ul | 98 |
| 82) Pyrene | 19.448 | 202 | 2641960 | 20.693 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.436 | 149 | 754491 | 20.351 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.266 | 252 | 666368 | 18.060 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.330 | 228 | 2675277 | 20.605 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.330 | 149 | 1288012 | 20.696 | ng/ul | 100 |
| 87) Chrysene | 21.395 | 228 | 2481671 | 20.504 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.554 | 149 | 1823541 | 16.966 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.501 | 252 | 2590877 | 20.261 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.566 | 252 | 2620486 | 20.546 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.336 | 252 | 2482799 | 20.614 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.024 | 276 | 3028210m | 19.828 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.101 | 278 | 2481196 | 20.183 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.107 | 276 | 2493500 | 19.863 | ng/ul | 99 |

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

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