About:
* Benchmark the performance of the original module with the purpose to improve the speed of the code.
* The folder DataFrames and file merged_raster.tif was deleted before each test.
* Measured with start and stop time over the modules in the table,
* perf_counter_ns from python's time module was used for measuring time.
* The time measurements where done directly in the backend's modules excluding user-delay as factor. Network speed may impact **dopValues** but this is impact is concidered insignificant.
* The benchmark for the inital system (mother repo) was performed 3 time to get an average.
* There was also done three tests while keeping DataFrames and merged_raster.tif to see the impact from avoiding computing those.
* All tests where performed in similar test condition the same day.

	Initial system (before optimization) - no DataFrames folder or merged_raster.tif						**Initial system (before optimization) - keep previouse DataFrames folder and merged_raster.tif**			
function/module name	First test [ms]	Second test [ms]	Third test [ms]	**Average [ms]**			First test [ms]	Second test [ms]	Third test [ms]	**Average [ms]**
createNewRaster	7 446,404	10 932,878	11 152,089	9 843,790			9 602,689	11 077,631	10 192,160	10 290,827
connect_total_road_segments	346,591	441,224	724,665	504,160			561,873	443,521	478,684	494,693
calculate_travel_time	16,961	21,279	36,508	24,916			28,686	20,597	24,926	24,736
road (module)	9 354,205	12 472,271	13 545,901	11 790,792			11 847,918	12 509,434	11 850,273	12 069,208
update_navigation_message_type (x2)	54,438	35,801	54,282	48,174						
sortData (dopValues)	42 004,088	31 194,772	33 387,627	35 528,829			0,018	0,052	0,022	0,031
getDayNumber (dopValues)	42 004,134	31 194,833	33 387,627	35 528,865			0,073	0,185	0,072	0,110
generate	955 696,983	955 082,358	993 852,886	968 210,742			993 357,088	972 339,500	964 373,371	976 689,986
dopValues (module)	997 782,030	986 324,913	1 027 329,342	1 003 812,095			993 423,516	972 408,783	964 441,817	976 758,039
sortData (satellites)	0,017	0,018	0,013	0,016			0,015	0,027	0,015	0,019
getDaynumber (runData_check_sight)	0,050	0,060	0,043	0,051			0,048	0,164	0,051	0,088
runData_check_sight	49 396,216	49 476,063	53 455,853	50 776,044			49 009,618	53 586,834	48 081,004	50 225,819
satellites (module)	49 404,606	49 486,766	53 466,526	50 785,966			49 017,855	53 597,934	48 087,271	50 234,353
Total:	2 153 506,723	2 126 663,236	2 220 393,362	**2 166 854,440**			2 106 849,397	2 075 984,662	2 047 529,666	**2 076 787,908**