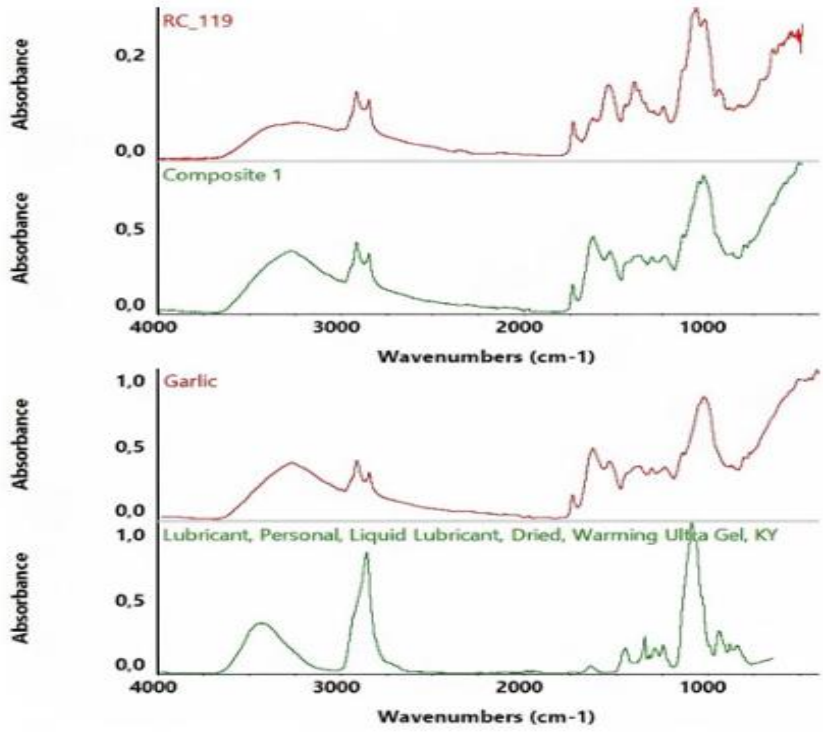
LAMPIRAN

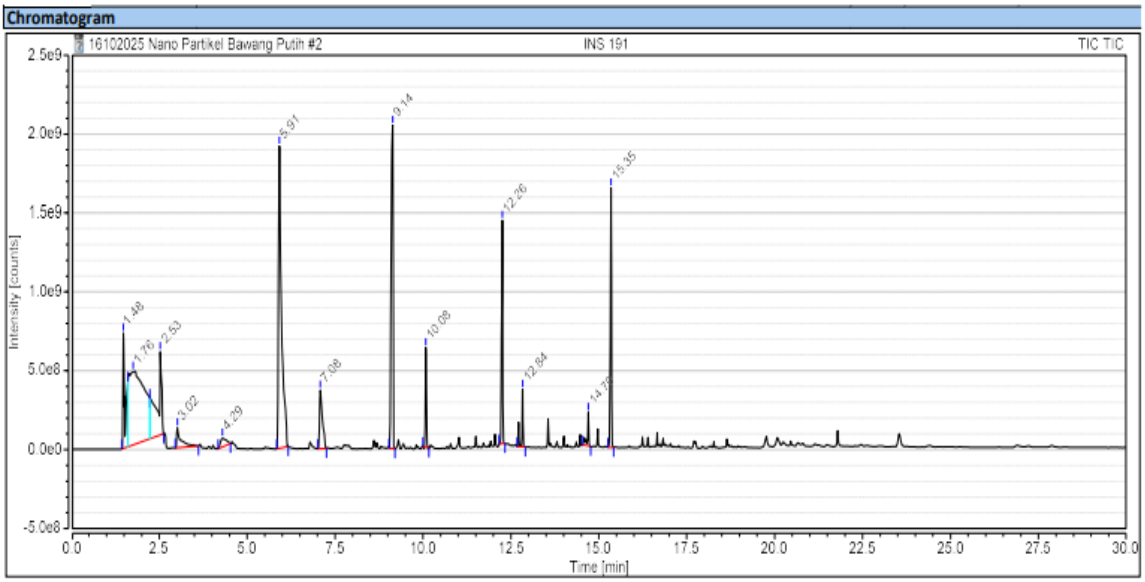
Lampiran 1. Jadwal Pelaksanaan Penelitian

Kegiatan	April				Mei				Juni				Juli				Agustus			
Penyusunan Proposal																				
Ekstraksi Nanopartikel Bawang Putih																				
Karakterisasi Nanopartikel Bawang Putih																				
Uji Mortalitas																				
Pengolahan Data																				
Penyusunan Laporan																				

Lampiran 2. Data Hasil Uji FT-IR pada Nanopartikel Ekstrak Bawang Putih



Lampiran 3. Data Hasil Uji GC-MS pada Nanopartikel Ekstrak Bawang Putih



No.	Ret. Time min	Peak Name	SI	Area counts*min	Rel.Amount %
1	1.479	Butane, 2,2-dimethyl-	942	52288977.575	5.67
2	1.756	Pentane, 2,4-dimethyl-	862	244149171.388	26.50
3	2.529	1-Hexene, 3,4-dimethyl-	766	81996077.328	8.90
4	3.017	Diallyl sulfide	858	17768884.398	1.93
5	4.294	3H-1,2-Dithiole	948	10111626.568	1.10
6	5.915	Diallyl disulphide	743	190920203.941	20.72
7	7.083	4-Methyl-1,2,3-trithiolane	911	34693148.761	3.76
8	9.141	Trisulfide, di-2-propenyl	839	130501016.957	14.16
9	10.082	5-Methyl-1,2,3,4-tetrathiane	891	23679449.622	2.57
10	12.258	Tetrasulfide, di-2-propenyl	832	53313974.043	5.79
11	12.837	6-Ethyl-4,5,7-trithia-2,8-decadiene	918	14352170.831	1.56
12	14.702	5,6-Dithiabicyclo[2.1.1]hexane, 2,3-dimethyl-, 5-oxide	585	9453073.451	1.03
13	15.349	1-Allyl-3-(2-(allylthio)propyl)trisulfane	884	58262734.783	6.32

Lampiran 4. Data Mortalitas (%) Ulat Grayak (*S. litura*) terhadap aplikasi nanopartikel ekstrak bawang putih (*Allium Sativum*) pada pengamatan hari ke-1 hingga hari ke-7

Konsentrasi (%)	Ulangan Ke-					Mortalitas Larva 7 HSA	
	1	2	3	4	5	Total	Rerata
P0	0	0	0	0	0	0	0%
P1	1	0	1	1	0	7	15%
P2	1	1	1	1	0	8	25%
P3	3	1	2	2	1	13	45%
P4	3	4	4	3	4	18	70%

Lampiran 3. Hasil Uji Normalitas

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Konsentrasi	Statistic	df	Sig.	Statistic	df	Sig.
Mortalitas	Kontrol	.	7	.	.	7	.
	0,4%	.235	7	.200*	.856	7	.139
	0,6%	.185	7	.200*	.877	7	.215
	0,8%	.265	7	.147	.846	7	.114
	1%	.228	7	.200*	.927	7	.524

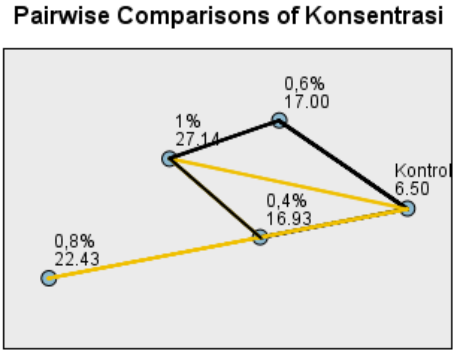
*. This is a lower bound of the true significance.
a. Lilliefors Significance Correction

Lampiran 4. Hasil Uji Homogenitas

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Mortalitas	Based on Mean	11.891	4	30	.000
	Based on Median	3.843	4	30	.012
	Based on Median and with adjusted df	3.843	4	12.447	.030
	Based on trimmed mean	11.459	4	30	.000

Lampiran 5. Grafik Hasil Uji Dunn Post Hoc



Lampiran 6. Analisis Probit LC

Confidence Limits

	Probability	95% Confidence Limits for Konsentrasi		
		Estimate	Lower Bound	Upper Bound
PROBIT[a]	.010	.019	-.381	.220
	.020	.148	-.187	.318
	.030	.229	-.064	.381
	.040	.291	.028	.429
	.050	.340	.102	.469
	.060	.383	.165	.503
	.070	.420	.219	.533
	.080	.453	.268	.560
	.090	.484	.311	.586
	.100	.512	.351	.609
	.150	.627	.509	.714
	.200	.719	.624	.809
	.250	.798	.711	.901
	.300	.869	.781	.992
	.350	.934	.841	1.082
	.400	.997	.895	1.170
	.450	1.057	.945	1.257
	.500	1.116	.993	1.344
	.550	1.175	1.040	1.432
	.600	1.236	1.087	1.522
	.650	1.298	1.135	1.615
	.700	1.363	1.185	1.714
	.750	1.434	1.239	1.821
	.800	1.513	1.299	1.941
	.850	1.605	1.369	2.081
	.900	1.720	1.456	2.257
	.910	1.748	1.477	2.299
	.920	1.779	1.500	2.346
	.930	1.812	1.525	2.396
	.940	1.849	1.553	2.453
	.950	1.892	1.585	2.518
	.960	1.942	1.622	2.594
	.970	2.003	1.668	2.688
	.980	2.085	1.729	2.813
	.990	2.213	1.825	3.010

a. A heterogeneity factor is used.

Lampiran 7. Analisis Probit LT

Confidence Limits

	Konsentrasi	Probability	Estimate	95% Confidence Limits for Hari: Lower Bound	Upper Bound
PROBIT	Kontrol	.010	9.976	-2.939	23.449
		.020	10.991	-1.872	24.569
		.030	11.636	-1.198	25.283
		.040	12.121	-.693	25.821
		.050	12.515	-.283	26.260
		.060	12.851	.065	26.635
		.070	13.145	.369	26.964
		.080	13.409	.642	27.259
		.090	13.649	.889	27.527
		.100	13.869	1.116	27.775
		.150	14.783	2.054	28.803
		.200	15.509	2.796	29.623
		.250	16.132	3.430	30.330
		.300	16.691	3.998	30.966
		.350	17.209	4.522	31.558
		.400	17.701	5.018	32.120
		.450	18.177	5.497	32.666
		.500	18.645	5.967	33.204
		.550	19.113	6.435	33.743
		.600	19.589	6.910	34.293
		.650	20.081	7.400	34.862
		.700	20.599	7.914	35.463
		.750	21.159	8.468	36.113
		.800	21.782	9.082	36.840
		.850	22.508	9.796	37.689
		.900	23.421	10.690	38.761
		.910	23.642	10.905	39.021
		.920	23.881	11.138	39.303
		.930	24.145	11.395	39.614
		.940	24.439	11.681	39.961
		.950	24.775	12.007	40.358
		.960	25.169	12.389	40.825
		.970	25.654	12.857	41.400
		.980	26.299	13.478	42.167
		.990	27.315	14.453	43.378
	0,4%	.010	.660	-1.356	2.019
		.020	1.676	-.063	2.913
		.030	2.320	.740	3.497
		.040	2.805	1.333	3.948
		.050	3.199	1.806	4.323
		.060	3.535	2.203	4.649
		.070	3.829	2.546	4.940
		.080	4.093	2.848	5.205
		.090	4.333	3.118	5.451
		.100	4.553	3.364	5.680
		.150	5.467	4.344	6.666
		.200	6.193	5.082	7.491
		.250	6.816	5.688	8.225
		.300	7.375	6.216	8.902
		.350	7.893	6.691	9.541

		.400	8.385	7.134	10.158
		.450	8.861	7.554	10.762
		.500	9.329	7.962	11.362
		.550	9.798	8.365	11.966
		.600	10.273	8.771	12.585
		.650	10.765	9.186	13.229
		.700	11.284	9.620	13.910
		.750	11.843	10.085	14.649
		.800	12.466	10.600	15.475
		.850	13.192	11.196	16.441
		.900	14.105	11.942	17.661
		.910	14.326	12.122	17.957
		.920	14.566	12.316	18.278
		.930	14.829	12.530	18.631
		.940	15.123	12.769	19.026
		.950	15.459	13.040	19.477
		.960	15.854	13.359	20.007
		.970	16.338	13.750	20.660
		.980	16.983	14.270	21.528
		.990	17.999	15.086	22.898
	0,6%	.010	.572	-1.481	1.947
		.020	1.588	-.184	2.836
		.030	2.233	.623	3.417
		.040	2.718	1.220	3.864
		.050	3.112	1.697	4.236
		.060	3.448	2.097	4.558
		.070	3.742	2.442	4.847
		.080	4.006	2.746	5.109
		.090	4.245	3.019	5.352
		.100	4.466	3.267	5.579
		.150	5.379	4.257	6.556
		.200	6.106	5.002	7.373
		.250	6.728	5.614	8.102
		.300	7.288	6.145	8.775
		.350	7.806	6.623	9.412
		.400	8.298	7.068	10.026
		.450	8.774	7.490	10.628
		.500	9.242	7.900	11.227
		.550	9.710	8.304	11.831
		.600	10.186	8.710	12.448
		.650	10.678	9.126	13.091
		.700	11.196	9.561	13.772
		.750	11.756	10.027	14.510
		.800	12.378	10.542	15.335
		.850	13.104	11.139	16.301
		.900	14.018	11.885	17.521
		.910	14.239	12.065	17.816
		.920	14.478	12.260	18.137
		.930	14.742	12.474	18.491
		.940	15.036	12.712	18.885
		.950	15.372	12.984	19.336
		.960	15.766	13.303	19.866
		.970	16.251	13.694	20.519
		.980	16.896	14.214	21.387
		.990	17.912	15.030	22.757
	0,8%	.010	-1.866	-4.428	-.290

	.020	-.850	-3.079	.547
	.030	-.206	-2.229	1.085
	.040	.279	-1.594	1.493
	.050	.674	-1.080	1.828
	.060	1.009	-.646	2.117
	.070	1.304	-.267	2.372
	.080	1.567	.069	2.602
	.090	1.807	.373	2.814
	.100	2.027	.651	3.011
	.150	2.941	1.777	3.851
	.200	3.667	2.636	4.555
	.250	4.290	3.340	5.192
	.300	4.849	3.944	5.792
	.350	5.367	4.479	6.373
	.400	5.859	4.966	6.944
	.450	6.335	5.421	7.513
	.500	6.803	5.855	8.087
	.550	7.272	6.278	8.672
	.600	7.748	6.699	9.276
	.650	8.239	7.126	9.907
	.700	8.758	7.569	10.579
	.750	9.317	8.042	11.311
	.800	9.940	8.562	12.131
	.850	10.666	9.162	13.094
	.900	11.579	9.911	14.311
	.910	11.800	10.091	14.606
	.920	12.040	10.286	14.927
	.930	12.303	10.500	15.280
	.940	12.598	10.739	15.675
	.950	12.933	11.011	16.125
	.960	13.328	11.330	16.656
	.970	13.813	11.721	17.308
	.980	14.457	12.239	18.177
	.990	15.473	13.055	19.548
1%	.010	-3.553	-6.552	-1.747
	.020	-2.537	-5.190	-.923
	.030	-1.892	-4.329	-.396
	.040	-1.407	-3.683	.002
	.050	-1.013	-3.160	.327
	.060	-.677	-2.715	.605
	.070	-.383	-2.327	.851
	.080	-.119	-1.981	1.072
	.090	.120	-1.667	1.273
	.100	.341	-1.378	1.460
	.150	1.254	-.198	2.246
	.200	1.980	.721	2.889
	.250	2.603	1.489	3.462
	.300	3.163	2.159	3.996
	.350	3.681	2.757	4.514
	.400	4.173	3.303	5.027
	.450	4.649	3.809	5.545
	.500	5.117	4.287	6.075
	.550	5.585	4.746	6.624
	.600	6.061	5.196	7.198
	.650	6.553	5.646	7.806
	.700	7.071	6.109	8.459

	.750	7.631	6.596	9.175
	.800	8.253	7.129	9.983
	.850	8.979	7.740	10.935
	.900	9.893	8.497	12.144
	.910	10.114	8.679	12.438
	.920	10.353	8.875	12.757
	.930	10.617	9.091	13.108
	.940	10.911	9.331	13.502
	.950	11.247	9.605	13.951
	.960	11.641	9.925	14.479
	.970	12.126	10.318	15.130
	.980	12.771	10.838	15.997
	.990	13.787	11.656	17.366