

Supplemental Table S2. List of best discriminators that explain metabolic changes in the *nadC* experiment and the elicitors treatments

¹ Negative (-) and positive (+) electrospray ionization (ESI) mode used to detect metabolic ions.

² Accurate *m/z* values with their corresponding retention time (RT), detected by UPLC-qTOF-MS^E.

³ VIP scores from OPLS-discriminant analyses of the elicitors treatments (Fig. 6) or the *nadC* Q experiment (Fig. S8).

In **purple** are the first 20 best discriminators for the *nadC* experiment, and in **red** for the elicitors treatments.

VIP ³					VIP ³				
ESI ¹	Detected <i>m/z</i> ²	RT (min) ²	<i>nadC</i>	Elicitors	ESI ¹	Detected <i>m/z</i> ²	RT (min) ²	<i>nadC</i>	Elicitors
-	299.077	1.0	2.1	14.9	+	797.444	5.0	5.5	16.9
-	339.072	1.8	3.1	14.3	+	363.069	1.8	2.4	14.8
-	223.061	1.8	6.8	13.6	+	363.141	1.8	3.3	13.7
-	476.108	2.5	7.7	12.9	+	798.448	5.0	3.7	11.1
-	385.114	1.3	8.5	12.2	+	326.379	7.1	5.4	10.2
-	137.024	1.0	1.7	11.1	+	381.080	0.4	1.3	10.1
-	447.053	1.0	11.4	10.5	+	795.233	1.3	1.6	9.3
-	420.046	0.9	6.7	9.9	+	202.180	0.4	2.4	8.1
-	477.064	1.3	5.3	9.2	+	615.169	2.4	3.0	7.7
-	819.453	5.0	4.7	8.2	+	613.410	5.0	2.4	7.7
-	195.810	7.5	5.6	6.7	+	124.040	0.6	1.7	7.1
-	809.425	5.0	3.2	6.6	+	775.462	5.0	1.7	7.0
-	307.085	1.4	1.1	6.5	+	207.066	1.8	1.1	7.0
-	293.179	7.0	2.6	6.5	+	326.379	5.6	4.8	6.8
-	325.184	6.6	2.4	6.5	+	825.477	5.3	3.8	6.7
-	175.024	0.9	2.5	6.1	+	256.080	3.7	1.3	6.4
-	197.808	7.5	5.6	6.0	+	326.379	4.9	3.2	6.3
-	395.243	4.2	1.8	5.9	+	181.123	4.4	2.0	6.2
-	820.456	5.0	2.1	5.5	+	227.154	2.4	1.6	6.2
-	199.804	7.6	1.7	5.4	+	357.143	2.1	2.8	6.0
-	477.111	2.5	2.6	5.3	+	522.088	2.5	1.2	5.8
-	377.086	0.9	6.7	5.2	+	175.119	0.4	11.1	5.7
-	160.842	7.6	1.4	5.1	+	799.451	5.0	2.1	5.7
-	492.103	1.1	6.2	5.1	+	685.436	7.2	3.8	5.6
-	137.024	2.0	3.9	5.0	+	207.066	1.3	1.9	5.5
-	386.117	1.3	3.7	5.0	+	409.183	1.4	1.9	5.3
-	431.220	4.2	1.5	5.0	+	200.018	1.7	1.3	5.2
-	591.172	2.4	6.0	5.0	+	987.529	5.0	1.0	5.2
-	340.074	1.8	1.3	4.9	+	815.455	4.9	1.5	5.1
-	462.093	2.1	3.6	4.9	+	346.091	1.4	1.5	5.0
-	209.949	1.1	1.0	4.9	+	326.379	6.1	3.1	5.0
-	701.134	1.8	1.4	4.9	+	409.152	2.2	1.4	4.9
-	478.106	2.5	3.0	4.8	+	776.466	5.0	1.0	4.9
-	223.136	2.0	2.4	4.7	+	614.413	5.0	1.4	4.8
-	133.014	1.8	1.6	4.7	+	663.454	7.2	2.1	4.8
-	173.008	0.4	2.4	4.4	+	826.479	5.3	2.5	4.7
-	810.428	5.0	1.7	4.4	+	166.086	0.7	1.3	4.4
-	811.424	5.0	2.3	4.4	+	213.149	4.4	1.1	4.3
-	225.926	0.8	1.3	4.3	+	220.112	4.8	3.7	4.3
-	226.995	0.4	3.3	4.3	+	664.457	7.2	1.4	4.2
-	577.156	1.9	2.1	4.2	+	120.081	0.7	2.1	4.2
-	338.088	1.2	2.0	4.2	+	783.465	5.8	3.9	4.2
-	146.966	0.9	2.6	4.1	+	763.517	7.2	2.4	4.2
-	224.064	1.8	2.9	4.1	+	616.172	2.4	2.0	4.2
-	357.035	1.0	1.5	4.1	+	327.382	7.1	1.9	3.9
-	402.090	1.5	1.4	4.0	+	425.157	1.4	1.8	3.9
-	285.062	0.8	1.5	4.0	+	131.130	0.4	2.5	3.9
-	353.200	6.4	1.3	4.0	+	249.087	1.0	1.5	3.8
-	421.161	1.4	2.0	4.0	+	393.298	6.3	5.3	3.8
-	265.147	5.1	4.2	4.0	+	513.967	0.4	2.6	3.8
-	478.067	1.3	1.2	3.9	+	686.439	7.2	2.5	3.7
-	397.031	1.7	2.3	3.7	+	112.896	0.4	3.4	3.7
-	504.127	1.2	1.3	3.7	+	764.522	7.2	2.6	3.6
-	326.187	6.6	1.8	3.6	+	284.296	7.1	4.8	3.5
-	215.032	0.8	1.2	3.6	+	225.139	2.4	2.2	3.5
-	640.152	1.9	1.3	3.5	+	569.314	1.9	1.0	3.4
-	448.077	1.3	1.7	3.5	+	706.496	7.3	1.4	3.4
-	207.029	1.8	1.5	3.5	+	411.118	1.3	1.3	3.4
-	434.061	1.2	2.1	3.4	+	437.196	4.4	1.4	3.3
-	847.483	5.3	1.0	3.4	+	304.300	4.5	1.6	3.3
-	479.063	1.3	1.9	3.4	+	332.332	6.2	2.1	3.3
-	836.444	5.0	1.9	3.3	+	769.486	6.4	2.3	3.2
-	379.083	0.5	1.9	3.3	+	736.543	7.2	2.3	3.2
-	887.441	5.0	1.7	3.2	+	229.048	1.8	1.8	3.2
-	534.137	1.4	1.8	3.2	+	413.267	6.3	2.5	3.2
-	162.838	7.5	1.4	3.1	+	509.273	4.4	1.1	3.1
-	1009.540	5.0	1.0	3.0	+	803.493	5.3	1.2	3.1
-	322.093	1.4	3.2	3.0	+	410.186	1.4	2.5	3.0
-	592.174	2.5	3.5	3.0	+	387.151	1.9	2.3	2.9
-	311.168	5.5	2.6	2.9	+	737.545	7.2	2.0	2.9
-	821.459	5.0	1.5	2.9	+	711.429	6.7	1.3	2.9
-	146.966	1.6	1.1	2.9	+	784.472	5.8	3.0	2.9
-	863.191	1.3	1.3	2.9	+	801.481	5.7	3.5	2.8
-	535.026	1.3	2.0	2.8	+	487.026	1.1	1.2	2.8

-	423.087	1.3	1.9	2.8	+	304.301	6.3	1.1	2.8
-	593.151	1.7	1.1	2.8	+	633.347	6.6	1.8	2.7
-	812.426	5.0	1.7	2.7	+	613.322	2.0	1.1	2.7
-	323.134	0.9	1.7	2.7	+	829.465	5.2	1.2	2.6
-	534.067	2.6	1.8	2.6	+	800.456	5.0	1.2	2.5
-	877.413	5.0	1.4	2.6	+	130.066	1.0	1.6	2.5
-	399.029	1.9	1.0	2.6	+	672.423	5.1	1.0	2.5
-	436.040	0.4	10.4	2.6	+	770.490	6.4	6.4	2.5
-	821.086	1.9	1.0	2.6	+	340.358	6.6	1.1	2.5
-	297.153	5.0	3.7	2.5	+	343.296	4.0	1.2	2.5
-	464.091	2.1	1.3	2.5	+	407.210	5.0	1.4	2.5
-	871.415	5.0	1.3	2.5	+	537.303	4.8	1.8	2.5
-	208.985	0.4	2.7	2.5	+	798.482	5.5	2.8	2.4
-	164.047	1.8	1.2	2.4	+	332.332	7.0	4.3	2.4
-	536.064	2.5	1.4	2.4	+	332.332	4.8	2.3	2.3
-	614.138	1.9	1.0	2.4	+	175.040	1.3	2.6	2.3
-	197.897	1.1	1.2	2.4	+	414.271	6.3	1.3	2.3
-	613.152	2.5	2.8	2.4	+	441.141	1.9	1.2	2.3
-	241.012	0.4	2.5	2.4	+	641.422	5.1	1.6	2.3
-	257.129	2.0	2.4	2.3	+	843.485	5.2	1.5	2.3
-	544.096	2.5	1.7	2.3	+	611.374	6.6	1.7	2.2
-	387.119	1.3	1.7	2.3	+	327.382	4.9	1.8	2.2
-	578.160	1.9	1.1	2.3	+	114.894	0.4	2.0	2.2
-	493.106	1.1	2.4	2.3	+	792.602	7.2	1.2	2.1
-	838.460	5.3	1.3	2.2	+	357.117	1.6	1.3	2.1
-	247.070	1.0	2.4	2.2	+	304.300	7.2	2.6	2.1
-	463.096	2.1	1.2	2.2	+	372.245	4.2	1.2	2.1
-	1010.540	5.0	1.4	2.2	+	826.522	5.7	4.5	2.1
-	460.025	1.8	1.2	2.2	+	520.339	4.8	1.3	2.0
-	805.471	5.8	3.1	2.2	+	226.145	2.4	1.4	2.0
-	470.092	1.3	1.5	2.2	+	215.155	1.7	1.1	1.9
-	424.049	1.8	1.1	2.2	+	583.416	4.8	2.4	1.9
-	533.165	2.0	1.1	2.2	+	368.386	6.9	1.8	1.9
-	301.119	1.5	1.3	2.1	+	385.054	1.8	1.4	1.9
-	115.003	1.8	1.2	2.1	+	892.576	7.2	2.8	1.9
-	341.079	1.8	1.1	2.1	+	1090.630	6.8	1.1	1.9
-	865.443	5.8	1.1	2.1	+	679.452	5.9	1.3	1.8
-	443.072	1.3	1.4	2.1	+	130.050	0.4	4.4	1.8
-	423.162	1.6	1.6	2.0	+	791.514	7.2	1.2	1.8
-	195.810	1.1	1.1	2.0	+	425.215	5.4	4.0	1.8
-	459.021	1.8	2.0	2.0	+	767.474	5.8	1.9	1.7
-	494.098	1.1	1.9	1.9	+	529.407	6.2	1.4	1.7
-	888.444	5.0	1.3	1.9	+	634.352	6.6	1.1	1.7
-	205.050	1.3	1.1	1.9	+	855.528	5.8	1.9	1.7
-	283.106	1.9	2.0	1.8	+	637.395	5.8	3.0	1.7
-	522.983	1.0	2.0	1.8	+	603.275	2.7	1.1	1.7
-	422.092	1.4	1.5	1.8	+	1089.630	6.8	1.6	1.7
-	878.415	5.0	1.0	1.8	+	803.543	6.3	1.2	1.7
-	839.460	5.3	2.2	1.8	+	595.383	5.3	1.0	1.7
-	96.960	1.8	2.0	1.8	+	786.489	5.9	9.1	1.7
-	791.495	6.4	10.4	1.8	+	658.409	5.4	2.3	1.7
-	561.086	2.5	1.4	1.8	+	429.243	6.3	1.1	1.7
-	325.180	5.3	4.5	1.7	+	213.147	3.1	1.4	1.7
-	205.034	0.4	1.2	1.7	+	702.469	5.2	1.1	1.7
-	160.040	1.0	1.8	1.7	+	828.538	5.9	6.3	1.7
-	555.293	2.8	1.1	1.7	+	1067.640	6.8	1.1	1.7
-	327.182	6.6	1.0	1.7	+	745.466	5.9	1.4	1.7
-	134.894	6.9	1.7	1.7	+	599.414	5.8	5.5	1.7
-	436.046	1.2	5.2	1.6	+	663.374	5.3	1.6	1.7
-	440.175	3.8	1.3	1.6	+	399.214	5.8	1.0	1.7
-	537.021	1.3	1.5	1.6	+	820.475	5.5	1.3	1.6
-	223.060	1.3	2.1	1.6	+	636.423	5.8	4.7	1.6
-	199.097	1.9	1.1	1.6	+	396.457	5.3	1.2	1.6
-	206.012	4.2	1.1	1.6	+	800.503	5.7	3.1	1.6
-	407.061	1.7	1.2	1.6	+	593.357	5.9	5.2	1.6
-	225.066	1.8	1.0	1.5	+	284.332	4.8	2.0	1.6
-	455.228	3.3	1.8	1.5	+	959.571	6.4	3.8	1.6
-	505.059	1.2	2.4	1.5	+	575.408	5.5	1.6	1.6
-	312.171	5.5	1.4	1.5	+	379.145	2.0	1.1	1.6
-	829.434	4.9	1.1	1.5	+	1041.570	4.6	1.1	1.6
-	531.282	4.4	1.2	1.5	+	645.490	6.5	1.0	1.5
-	301.118	2.2	1.5	1.5	+	673.425	5.1	1.1	1.5
-	222.004	2.0	1.8	1.5	+	935.920	4.3	1.7	1.5
-	658.409	5.8	4.8	1.5	+	708.510	7.2	1.3	1.5
-	864.477	5.3	1.1	1.5	+	893.581	7.2	1.8	1.5
-	311.168	5.0	6.7	1.4	+	700.454	5.4	1.9	1.5
-	112.987	0.4	1.2	1.4	+	581.376	5.8	1.1	1.5
-	593.176	2.4	1.4	1.4	+	639.407	5.3	2.3	1.5
-	656.392	5.4	3.6	1.4	+	762.492	6.1	6.7	1.5
-	795.445	5.8	3.0	1.4	+	221.116	4.9	1.3	1.5
-	281.020	1.7	1.7	1.3	+	660.424	5.2	1.3	1.5
-	634.408	5.8	5.6	1.3	+	305.303	4.5	1.2	1.5
-	781.466	6.4	6.0	1.3	+	664.384	5.2	1.1	1.4
-	532.036	1.0	1.2	1.3	+	602.406	6.1	1.7	1.4
-	791.461	5.1	1.3	1.3	+	821.585	6.5	1.7	1.4
-	828.440	4.9	1.0	1.3	+	638.438	5.7	2.1	1.4

-	225.114	2.4	1.1	1.3	+	654.432	5.2	1.2	1.4
-	550.059	1.1	1.9	1.2	+	660.423	5.6	4.5	1.4
-	179.070	1.8	1.0	1.2	+	1167.710	6.8	1.6	1.4
-	96.959	4.7	1.3	1.2	+	757.522	6.4	7.2	1.4
-	734.411	5.4	3.6	1.2	+	715.405	5.5	1.6	1.4
-	597.015	1.3	1.1	1.2	+	799.482	5.5	2.0	1.4
-	208.036	1.8	1.5	1.2	+	722.436	5.4	1.3	1.4
-	61.987	4.3	1.1	1.1	+	443.279	5.4	1.2	1.4
-	521.252	4.4	1.1	1.1	+	784.580	6.3	1.6	1.4
-	168.989	7.2	2.7	1.1	+	789.491	6.1	1.6	1.4
-	449.106	1.4	1.2	1.1	+	515.391	6.1	1.1	1.4
-	219.844	1.2	1.1	1.1	+	804.545	6.3	2.9	1.4
-	685.380	5.2	1.3	1.1	+	828.468	5.3	1.2	1.4
-	792.498	6.4	6.1	1.1	+	428.230	2.4	1.3	1.4
-	842.473	5.5	1.8	1.1	+	833.491	5.7	2.2	1.3
-	453.096	1.3	1.4	1.1	+	756.529	7.0	19.4	1.3
-	636.425	5.7	1.9	1.1	+	702.469	5.6	2.8	1.3
-	711.121	2.5	1.2	1.1	+	584.385	6.1	1.6	1.3
-	480.063	1.3	1.4	1.0	+	693.458	5.3	1.1	1.3
-	138.027	2.0	1.1	1.0	+	427.338	6.1	1.4	1.3
-	308.040	1.7	1.4	1.0	+	583.490	7.2	1.0	1.3
-	96.957	3.5	1.4	1.0	+	476.004	0.4	1.6	1.3
-	716.413	5.1	1.1	1.0	+	866.629	6.5	1.9	1.3
-	473.281	7.3	1.4	1.0	+	360.363	5.1	1.3	1.3
-	782.461	5.7	3.9	1.0	+	765.523	7.2	1.9	1.3
					+	674.435	5.2	1.5	1.3
					+	554.371	6.5	2.1	1.3
					+	691.493	6.0	1.2	1.3
					+	1041.830	4.5	1.2	1.3
					+	605.418	5.4	1.0	1.3
					+	827.520	5.7	2.9	1.2
					+	848.507	5.7	1.8	1.2
					+	338.343	6.4	2.6	1.2
					+	501.376	5.9	1.1	1.2
					+	707.497	7.0	1.0	1.2
					+	771.493	6.4	3.0	1.2
					+	781.512	6.9	12.2	1.2
					+	997.695	6.5	1.4	1.2
					+	612.369	6.7	1.5	1.2
					+	222.989	0.4	2.5	1.2
					+	935.536	4.3	1.5	1.2
					+	785.478	6.1	3.6	1.2
					+	786.479	6.4	1.3	1.2
					+	1099.590	3.8	1.2	1.2
					+	704.480	5.4	1.7	1.2
					+	793.635	7.1	1.4	1.2
					+	339.287	6.1	1.9	1.2
					+	931.740	6.7	1.8	1.1
					+	783.574	6.3	2.9	1.1
					+	394.302	6.3	2.4	1.1
					+	661.427	5.6	2.7	1.1
					+	960.576	6.4	2.4	1.1
					+	763.608	6.3	2.6	1.1
					+	759.477	6.2	10.3	1.1
					+	540.355	6.1	1.1	1.1
					+	781.518	6.2	6.3	1.1
					+	607.366	6.1	5.3	1.1
					+	584.418	4.8	1.5	1.1
					+	355.213	5.6	1.5	1.1
					+	701.456	5.4	1.2	1.1
					+	707.440	5.6	1.3	1.1
					+	808.482	5.9	3.4	1.1
					+	656.393	4.9	1.1	1.1
					+	909.643	6.5	1.2	1.1
					+	989.785	7.0	1.6	1.1
					+	752.494	6.5	2.1	1.1
					+	698.420	5.1	1.3	1.1
					+	361.364	5.1	1.3	1.1
					+	716.496	6.1	4.0	1.0
					+	1047.090	4.5	3.5	1.0
					+	1068.650	6.8	1.2	1.0
					+	787.491	5.9	5.6	1.0
					+	551.425	6.4	5.7	1.0
					+	368.426	5.1	1.0	1.0
					+	517.354	6.3	1.8	1.0
					+	953.672	6.5	1.1	1.0
					+	738.505	6.1	3.2	1.0
					+	662.438	5.4	2.1	1.0
					+	634.409	5.3	2.5	1.0
					+	739.503	6.1	2.9	1.0
					+	682.409	5.8	3.3	1.0
					+	802.487	5.7	3.7	1.0
					+	531.406	6.8	1.9	1.0
					+	936.313	4.3	1.6	1.0