RT	Compound		Base peak (m/z)	SF1_TMAH	SF2_TMAH	SF3_TMAH	SF4_TMAH	SF6_TMAH	SF7_TMAH	SF8_TMAH	SF9_TMAH
	Description of the sample			yellow pictorial layer + varnish layer	yellow pictorial layer	white preparatory layer+ varnish layer	white preparatory layer+ blue pictorial layer	blue and yellow pictorial layer	white preparatory layer+ yellow pictorial layer+ varnish layer	white preparatory layer+ yellow pictorial layer	white preparatory layer+ yellow pictorial layer
	Arsenic compounds										
3,823	dimethyl-mercapto-arsine		122,9244	1,51E+07							2,31E+06
5,419	dimethyl-methylthio-arsine		136,9400	5,88E+06	2,53E+07			2,14E+06			5,26E+07
20,297	2,4,6,8,10-hexaoxa-1,3,5,7-tetraarsatricyclo decane	As4O6	395,6020	9,61E+09	9,99E+05				2,96E+06	1,10E+06	2,61E+06
	SUM			**9,63E+09**	**2,63E+07**	**0,00E+00**	**0,00E+00**	**2,14E+06**	**2,96E+06**	**1,10E+06**	**8,94E+07**
	Furan, furldehydes, furanones										
4,163	furanone		84,0205	2,53E+06		4,68E+06					1,56E+06
4,877	furfural		95,0127	1,29E+07	3,17E+06	2,60E+07		4,35E+06	1,51E+07	1,04E+07	4,42E+06
4,867	furancarboxaldehyde		95,0127	1,29E+07	3,17E+06	2,60E+07			1,51E+07	1,04E+07	4,42E+06
5,171	3-furaldehyde		95,0128	7,35E+07	2,65E+07	1,62E+07	9,58E+07	2,20E+08	1,20E+08	7,21E+07	3,20E+07
5,241	2,3,5-trimethyl furan		110,0362	4,80E+05							
5,567	3-furanmethanol		98,0362	1,81E+06	7,24E+05	3,74E+06	2,26E+06	3,98E+06	3,98E+06	1,57E+06	
5,797	5-methyl-2(3H)-furanone		98,0362	7,32E+06		3,36E+06	2,43E+06	1,85E+06	3,85E+06	2,03E+06	1,88E+06
7,261	5,5-dimethl furanone		97,0284	9,47E+05		1,84E+06			7,26E+05	3,18E+05	
16,786	2-[(2-ethoxy-3,4-dimethyl-2-cyclohexen-1-ylidene)methyl]-Furan		217,1587	8,60E+06	1,62E+06	1,81E+07	1,45E+07	8,87E+06			1,44E+06
	SUM			**1,21E+08**	**3,52E+07**	**9,99E+07**	**1,15E+08**	**2,39E+08**	**1,59E+08**	**9,67E+07**	**4,57E+07**
	Methoxykated aromatics/Phenolic acids										
9,616	2',4'-Dihydroxy-3',5'-dimethoxyacetophenone		117,0697	1,57E+07					1,78E+05		
9,922	1-(2,3,4-Trimethoxyphenyl)ethanol		196,8378	7,04E+07	5,04E+06						6,34E+06
9,613	benzoic acid		178,9683								8,30E+05
10,756	1,4-dimethoxy benzene		123,0440			2,57E+06	6,51E+06	1,83E+06			5,63E+05
10,921	5-methoxy-5-methyl phenol		123,0440		4,50E+05	6,93E+06	2,60E+06	1,97E+05	3,80E+06	3,37E+06	2,54E+06
12,268	1,2,4-trimethoxy benzene		168,0780		2,74E+05	7,55E+05		5,52E+04			1,61E+06
17,391	p-methoxy-cinnamic acid		161,0596			2,29E+07	8,58E+05		4,41E+06	1,63E+07	4,45E+07
17,783	3,4,5-trimethoxy-benzoic acid		226,0835		1,95E+06	1,46E+07	3,42E+06	2,12E+06	9,59E+06	3,65E+07	8,13E+07
18,835	3,4,5-trimethoxy-benzoic acid		195,0650		3,65E+06	9,56E+06	1,08E+07	5,92E+05	1,10E+07	8,59E+06	2,46E+07
19,534	3,4-dimethoxy-cinnamic acid		222,0886			1,14E+07			2,65E+06	1,13E+07	2,73E+07
	SUM			**2,07E+08**	**5,06E+07**	**1,26E+08**	**1,88E+08**	**1,27E+07**	**2,16E+08**	**1,34E+08**	**8,93E+07**
	Sugar derivatives										
11,511	tri-O-methyl-3-deoxy-D-threo-pentonic acid		129,0546		6,15E+05	1,84E+06	1,65E+07	1,47E+06	1,88E+07	8,31E+06	8,07E+06

13,620	tri-O-methyl-3-deoxy-D-erythro-pentonic acid		129,0546		9,24E+05		1,47E+07		1,35E+07		7,00E+06
	SUM			**0,00E+00**	**1,54E+06**	**1,84E+06**	**3,12E+07**	**1,47E+06**	**3,23E+07**	**8,31E+06**	**1,51E+07**
	Fatty acids										
11,569	decanoic acid	C10:0	87,0440	3,19E+05	1,19E+07	4,81E+06			6,84E+06	4,06E+06	6,45E+06
12,981	undecanoic acid	C11:0	87,0440		1,53E+05	1,21E+06			3,74E+06	2,66E+06	4,25E+06
17,872	tetradecanoic acid	C14:0	87,0440		3,76E+06	2,01E+06	4,37E+07	7,13E+05	1,77E+07	2,12E+07	3,10E+07
18,943	pentadecanoic acid	C15:0	87,0440		2,49E+06	1,14E+06	1,92E+08	5,42E+05	8,89E+06	1,16E+07	1,56E+07
19,968	hexadecanoic acid	C16:0	87,0440	3,53E+06	6,32E+07	2,44E+07	3,17E+08	5,38E+06	1,02E+08	1,17E+08	1,75E+07
19,733	hexadecenoic acid	C16:1	81,0699			2,06E+05	2,49E+06		1,02E+06	1,68E+06	1,51E+07
20,944	heptadecanoic acid	C17:0	87,0440		1,70E+06	7,26E+06	6,93E+06	1,62E+05	3,49E+06	5,98E+06	6,00E+06
21,644	octadecenoic acid	C18:1	81,0699		3,20E+05						1,75E+06
21,88	octadecanoic acid	C18:0	87,0440	1,15E+06	3,21E+07	1,08E+07	3,64E+05	2,07E+06	4,52E+07	6,42E+07	6,68E+07
23,636	eicosanoic acid	C20:0	87,0440			4,65E+05			1,84E+06		3,73E+06
26,755	tetracosanoic acid	C24:0	87,0440		7,23E+05	5,56E+05	1,29E+06		1,09E+06	1,30E+06	2,95E+06
28,161	pentacosanoic acid	C25:0	87,0440						6,68E+05	7,10E+05	
	SUM			**5,00E+06**	**1,16E+08**	**5,29E+07**	**5,64E+08**	**8,87E+06**	**1,92E+08**	**2,30E+08**	**1,71E+08**
	Dicarboxylic acids										
8,577	butanedioic acid		115,0389	9,37E+05	5,43E+07	2,01E+07	5,07E+07	5,37E+07	6,10E+07	3,71E+07	1,68E+08
9,114	pentanedioic acid		100,0519		6,18E+06	2318178	3,04E+06	3,40E+06	3,98E+06	2,51E+06	1,69E+07
19,891	nonanedioic acid		87,0441	3,53E+06	6,32E+07	2,44E+07	3,27E+08	5,38E+06	1,02E+08	1,17E+08	1,75E+07
	SUM			**4,47E+06**	**1,24E+08**	**4,69E+07**	**3,81E+08**	**6,24E+07**	**1,67E+08**	**1,57E+08**	**2,02E+08**
	Phenols and substituted phenols										
6,074	phenol			1,79E+05			1,96E+06	2,24E+05		1,94E+06	
8,968	3-methyl phenol		108,0569	6,14E+06	9,00E+05	5,18E+06	2,79E+06	3,64E+05	6,19E+06	5,45E+06	4,62E+06
9,508	2-methoxy phenol		124,0519	2,40E+06	3,27E+05		1,35E+07				
9,905	4-(1-methyl-1-phenylethyl)-phenol		196,8379	7,04E+07	5,04E+06						6,34E+06
9,665	benzoic acid		105,0335	2,48E+06	5,45E+07	1,22E+07	1,93E+07	6,01E+06	5,56E+07	3,25E+07	3,82E+07
11,142	2,4-dimethyl phenol		107,0491	4,60E+06	8,95E+05	1,46E+06		8,90E+05			
11,215	2,4,6-trimethyl phenol		121,0648	1,23E+06	1,16E+06	1,82E+06	3,86E+05		2,03E+06		5,43E+05
13,051	3,4-dimethoxy phenol		154,0623		1,00E+07	1,41E+08	2,82E+07				1,22E+07
13,351	2-(1,1-dimethylethyl)-5-methyl-phenol		121,0648	3,76E+06	7,23E+05	3,63E+07	3,96E+07				
13,568	2,3,4,6-tetrametthhyl phenol		121,0648	1,06E+07	5,94E+05	1,12E+06					3,97E+05
	SUM			**1,02E+08**	**7,41E+07**	**1,99E+08**	**1,04E+08**	**7,26E+06**	**6,39E+07**	**3,79E+07**	**6,23E+07**
	Monoterpenes										
6,802	alpha-pinene		93,0000	1,63E+07							
7,284	camphene		93,0698	3,67E+07							8,14E+05
8,528	p-Cymene		119,0855	2,17E+06				2,37E+05			4,26E+06
10,205	alpha-campholenal		93,0690	1,12E+07	5,40E+05			1,51E+05	2,49E+05		2,55E+06
9,598	p-Cymenene		117,0699	1,75E+07					1,78E+05		
10,547	camphor		95,0854	3,16E+07							8,44E+05
10,935	borneol		95,0850	3,20E+07							
16,146	4-Camphenylbutan-2-one		93,0699	4,97E+06		1,59E+05		1,05E+05			2,81E+06

	SUM			**1,52E+08**	**5,40E+05**	**1,59E+05**	**0,00E+00**	**4,92E+05**	**4,27E+05**	**0,00E+00**	**1,13E+07**
	Diterpenes										
23,019	Sandaracopimaric acid		121,1012		7,15E+06	6,98E+05	8,18E+05	4,84E+05	1,49E+06	7,73E+05	1,92E+06
23,564	Isopimaric acid		241,1951		7,75E+05		2,89E+05				
23,843	Dehydroabietatic acid		239,1793	6,13E+06	1,48E+06	3,72E+07	2,09E+07	4,54E+06	8,15E+06	3,95E+06	1,32E+07
	SUM			**6,13E+06**	**9,40E+06**	**3,78E+07**	**2,20E+07**	**5,02E+06**	**9,64E+06**	**4,72E+06**	**1,52E+07**
	Pentacyclic triterpenes and triterpenoids										
29,614	28-norolean-18-en-3-one		163,1481	4,29E+07	1,42E+07			3,44E+05			
31,280	28-norolean-17-en-3-one		163,1481	1,50E+08	7,17E+06						
32,383	Lup-20(29)-ene-3,28-diol		190,1716	7,23E+06							
32,424	moronoic acid		189,1638	5,81E+07				2,13E+06			
32,623	oleanolic acid		203,1795					1,28E+05			3,97E+07
28,568	22,23,24,25,26,27-hexakisnor-dammaran-2,3-dione		95,0854	2,06E+07							6,88E+06
28,783	unidentified compound		189,1638	9,65E+06							1,01E+07
30,676	20,24-epoxy-25-hydroxy-dammaran-3 one		143,1067								2,41E+06
	SUM			**2,88E+08**	**2,14E+07**	**0,00E+00**	**0,00E+00**	**2,60E+06**	**0,00E+00**	**0,00E+00**	**5,67E+07**
	Nitrogen heterocycles										
5,745	2,5-dimethyl 1H-pyrrole		94,0651		3,49E+05	2,48E+06	1,33E+06	5,12E+05	4,95E+06	4,52E+06	
5,412	3-methyl pyrrole		80,0494	3,55E+06		3,81E+06			5,61E+06	6,67E+06	2,90E+06
10,292	indole		117,0570			4,11E+05	3,36E+05				
13,009	2-ethyl pyrrole		80,0494		5,22E+05	7,91E+05	7,30E+05	2,36E+05	1,11E+07	8,13E+06	
	SUM			**3,55E+06**	**8,71E+05**	**7,49E+06**	**2,40E+06**	**7,48E+05**	**2,17E+07**	**1,93E+07**	**2,90E+06**
	Amines										
7,595	Tris(dimethylamino)methane		101,0597		1,45E+07	7469550	7,21E+07	1,11E+06	126085942	5,05E+07	6,44E+07
	SUM			**0,00E+00**	**1,45E+07**	**7,47E+06**	**7,21E+07**	**1,11E+06**	**1,26E+08**	**5,05E+07**	**6,44E+07**
	Cyclic ketones/enones										
8,480	2-hydroxy-3-methyl -2-cyclopentenone		112,0518	5,18E+06	1,29E+06	23450098	2,12E+06		8225482	5,71E+06	3,73E+06
8,708	3,4,4-trimethyl-2-cyclohexen-1-one		81,0699	7,77E+06	3,41E+05			127427,00			1,36E+06
8,963	2-cyclohexen-1-one		96,0560	1,49E+06							
	SUM			**1,44E+07**	**1,63E+06**	**2,35E+07**	**2,12E+06**	**1,27E+05**	**8,23E+06**	**5,71E+06**	**5,09E+06**
	Aromatic ketones										
16,045	Acetophenone, 3',4'-dimethoxy-		165,0545		1,05E+06	4,81E+07	5,58E+06	8,49E+05		3,07E+07	5,39E+07
13,441	vinyl benzoate		105,0334	4,36E+06	3,89E+05	5,21E+06	3,99E+06	4,45E+05	6,38E+06	5,57E+06	2,06E+06
17,277	acetophenone		105,0334						225019,00		
	SUM			**4,36E+06**	**1,44E+06**	**5,33E+07**	**9,57E+06**	**1,29E+06**	**6,60E+06**	**3,63E+07**	**5,60E+07**