

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021909.D
 Acq On : 16 May 2016 16:45
 Operator : UM/SJ
 Sample : H3095-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.237	64	68	74	rVB4	8916	14442	0.82%	0.077%
2	3.549	117	121	129	rVB4	8053	14917	0.85%	0.079%
3	3.977	190	194	196	rBV4	2100	2848	0.16%	0.015%
4	4.077	203	211	218	rBV3	7991	15253	0.87%	0.081%
5	4.312	247	251	256	rVV4	2886	4485	0.26%	0.024%
6	5.247	405	410	414	rBV5	1748	3157	0.18%	0.017%
7	5.329	419	424	430	rBV6	1339	2695	0.15%	0.014%
8	5.775	496	500	503	rBV4	1863	2784	0.16%	0.015%
9	7.315	754	762	773	rBV	116489	241487	13.74%	1.283%
10	7.479	782	790	803	rBV	113367	223874	12.74%	1.189%
11	7.691	818	826	838	rBV	143439	286690	16.32%	1.523%
12	8.167	894	907	918	rBV	180539	367960	20.94%	1.954%
13	8.378	940	943	949	rVB5	1576	2551	0.15%	0.014%
14	8.866	1019	1026	1041	rBV	120444	246901	14.05%	1.311%
15	9.001	1047	1049	1054	rVB3	2000	2279	0.13%	0.012%
16	9.330	1097	1105	1116	rBV	123945	261647	14.89%	1.390%
17	9.418	1117	1120	1127	rVB5	5920	11961	0.68%	0.064%
18	10.059	1221	1229	1241	rBV2	99350	211417	12.03%	1.123%
19	10.599	1313	1321	1336	rBV	189148	397451	22.62%	2.111%
20	10.981	1374	1386	1399	rBV	322955	667993	38.01%	3.548%
21	11.116	1402	1409	1422	rBV	77544	192422	10.95%	1.022%
22	11.986	1552	1557	1560	rBV3	4132	7161	0.41%	0.038%
23	12.303	1605	1611	1618	rBV6	11804	20845	1.19%	0.111%
24	12.368	1618	1622	1626	rBV4	3364	4735	0.27%	0.025%
25	12.556	1649	1654	1661	rBV4	3403	7004	0.40%	0.037%
26	12.632	1661	1667	1674	rVV2	5752	10272	0.58%	0.055%
27	12.844	1697	1703	1709	rVB2	5628	9156	0.52%	0.049%
28	13.314	1777	1783	1788	rVB5	3249	5339	0.30%	0.028%
29	13.390	1791	1796	1803	rBV5	2582	4857	0.28%	0.026%
30	13.596	1827	1831	1836	rBV4	5844	9996	0.57%	0.053%
31	13.660	1838	1842	1848	rVV5	10440	19215	1.09%	0.102%
32	13.760	1852	1859	1862	rBV2	1161	2123	0.12%	0.011%
33	13.960	1892	1893	1901	rVB6	2800	4080	0.23%	0.022%
34	14.101	1912	1917	1923	rBV5	6511	12692	0.72%	0.067%

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35	14.183	1923	1931	1936	rVV	419151	686575	39.07%	3.647%
36	14.230	1936	1939	1946	rVV	149562	235304	13.39%	1.250%
37	14.307	1946	1952	1960	rVV2	81832	146868	8.36%	0.780%
38	14.359	1960	1961	1968	rVB5	3002	4130	0.24%	0.022%
39	14.483	1974	1982	1996	rBV	565075	981614	55.86%	5.214%
40	14.624	2001	2006	2008	rBV2	2130	3076	0.18%	0.016%
41	14.659	2008	2012	2018	rVB2	19962	30951	1.76%	0.164%
42	14.788	2022	2034	2041	rBV2	571076	1016646	57.86%	5.400%
43	14.853	2041	2045	2052	rVB4	7360	15318	0.87%	0.081%
44	14.982	2059	2067	2079	rBV	69323	192011	10.93%	1.020%
45	15.164	2095	2098	2099	rBV2	3713	3383	0.19%	0.018%
46	15.276	2113	2117	2123	rVB6	5905	10407	0.59%	0.055%
47	15.341	2125	2128	2133	rVB5	3555	5824	0.33%	0.031%
48	15.394	2133	2137	2141	rBV6	4111	6616	0.38%	0.035%
49	15.452	2144	2147	2151	rVB4	2260	2575	0.15%	0.014%
50	15.564	2162	2166	2169	rBV4	8071	12738	0.72%	0.068%
51	15.605	2169	2173	2179	rVV	32574	48479	2.76%	0.257%
52	15.664	2181	2183	2188	rVB4	2629	3402	0.19%	0.018%
53	15.775	2195	2202	2215	rVB	725865	1245214	70.86%	6.614%
54	15.887	2215	2221	2230	rVB	138797	236739	13.47%	1.257%
55	16.010	2236	2242	2248	rBV3	18474	35386	2.01%	0.188%
56	16.110	2255	2259	2263	rBV5	5479	9699	0.55%	0.052%
57	16.163	2265	2268	2272	rVB4	3123	3936	0.22%	0.021%
58	16.228	2275	2279	2282	rBV4	4340	5730	0.33%	0.030%
59	16.351	2299	2300	2307	rVB6	3759	4642	0.26%	0.025%
60	16.416	2307	2311	2315	rBV7	2574	4060	0.23%	0.022%
61	16.469	2315	2320	2332	rBV3	38882	106763	6.08%	0.567%
62	16.557	2332	2335	2338	rVB5	3079	3566	0.20%	0.019%
63	16.610	2338	2344	2346	rBV7	4810	9258	0.53%	0.049%
64	16.809	2373	2378	2379	rBV5	7255	9022	0.51%	0.048%
65	16.874	2386	2389	2391	rBV4	3650	4550	0.26%	0.024%
66	16.974	2403	2406	2411	rVB6	8004	11722	0.67%	0.062%
67	17.050	2414	2419	2420	rBV4	6918	9078	0.52%	0.048%
68	17.180	2436	2441	2449	rBV5	20263	38394	2.18%	0.204%
69	17.262	2449	2455	2460	rBV4	44512	68549	3.90%	0.364%
70	17.315	2460	2464	2467	rVB5	10540	16224	0.92%	0.086%
71	17.403	2474	2479	2484	rBV2	34029	50600	2.88%	0.269%

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72	17.468	2486	2490	2493	rBV4	13480	17997	1.02%	0.096%
73	17.532	2493	2501	2506	rVV	689606	1203441	68.49%	6.392%
74	17.573	2506	2508	2512	rVV	83836	114509	6.52%	0.608%
75	17.632	2512	2518	2531	rVB	720909	1265860	72.04%	6.724%
76	17.802	2543	2547	2549	rBV5	3760	6309	0.36%	0.034%
77	17.938	2565	2570	2572	rBV	6247	8863	0.50%	0.047%
78	17.996	2576	2580	2585	rVB2	22480	31294	1.78%	0.166%
79	18.032	2585	2586	2587	rBV	3527	2194	0.12%	0.012%
80	18.049	2587	2589	2591	rVB2	5033	4203	0.24%	0.022%
81	18.084	2594	2595	2597	rBV2	3126	2669	0.15%	0.014%
82	18.284	2624	2629	2632	rBV7	12535	19396	1.10%	0.103%
83	18.343	2634	2639	2643	rBV4	34569	58063	3.30%	0.308%
84	18.402	2644	2649	2654	rBV2	106327	166417	9.47%	0.884%
85	18.596	2677	2682	2686	rBV5	17041	30501	1.74%	0.162%
86	18.637	2686	2689	2693	rVB3	13952	21384	1.22%	0.114%
87	18.690	2693	2698	2706	rBV5	22485	50130	2.85%	0.266%
88	18.895	2729	2733	2737	rBV6	13711	25754	1.47%	0.137%
89	18.942	2737	2741	2745	rVB5	10565	17388	0.99%	0.092%
90	19.312	2798	2804	2808	rBV3	36477	60530	3.44%	0.322%
91	19.395	2816	2818	2819	rBV2	8377	6180	0.35%	0.033%
92	19.448	2824	2827	2828	rBV3	11215	12124	0.69%	0.064%
93	19.571	2841	2848	2855	rBV	184366	320264	18.23%	1.701%
94	19.665	2861	2864	2870	rVB8	18648	30369	1.73%	0.161%
95	19.906	2898	2905	2917	rBV2	913848	1757209	100.00%	9.333%
96	21.428	3160	3164	3169	rVB	102652	139900	7.96%	0.743%
97	21.680	3202	3207	3217	rVB	646440	963983	54.86%	5.120%
98	21.815	3222	3230	3236	rBV	739206	1487706	84.66%	7.902%
99	24.918	3750	3758	3768	rBV2	380114	1083371	61.65%	5.754%
100	25.153	3788	3798	3812	rBV	442186	1347503	76.68%	7.157%

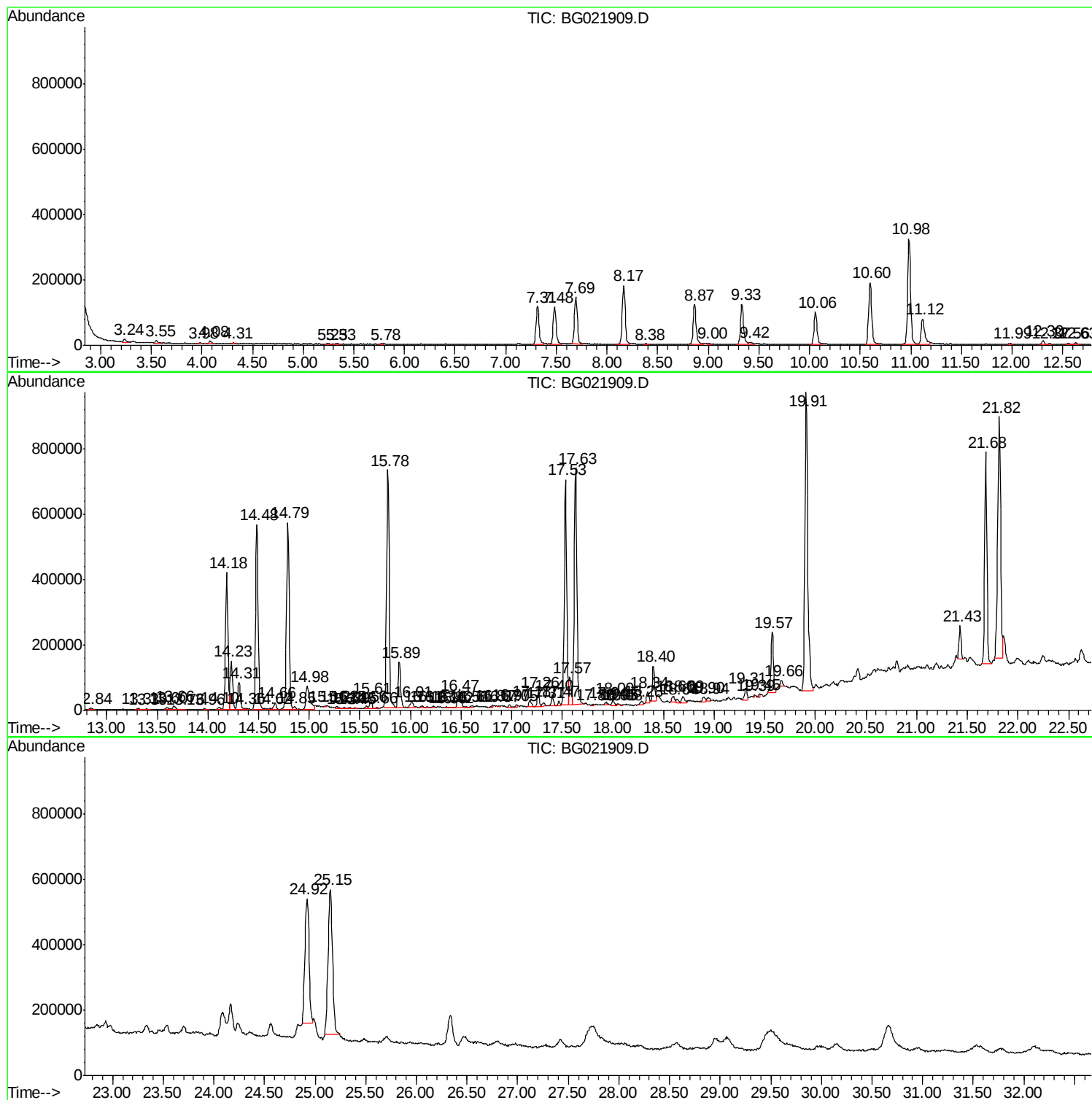
Sum of corrected areas: 18827249

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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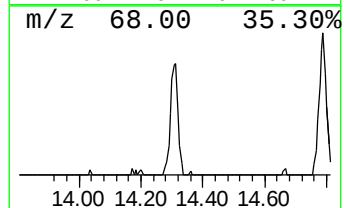
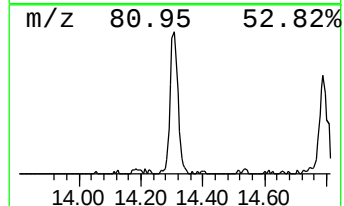
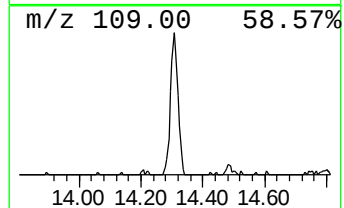
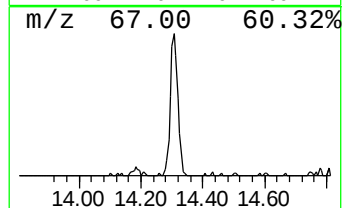
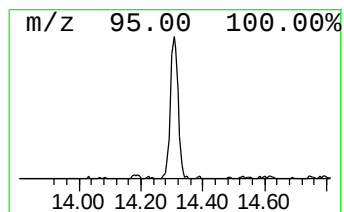
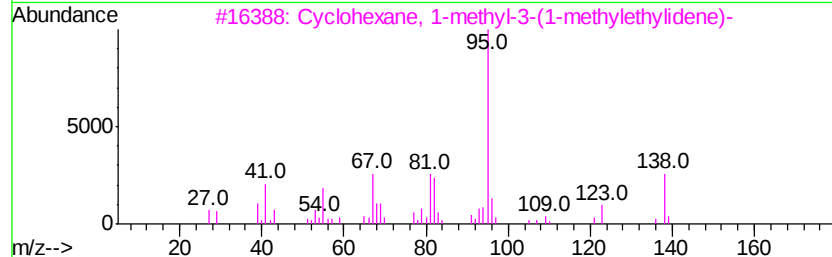
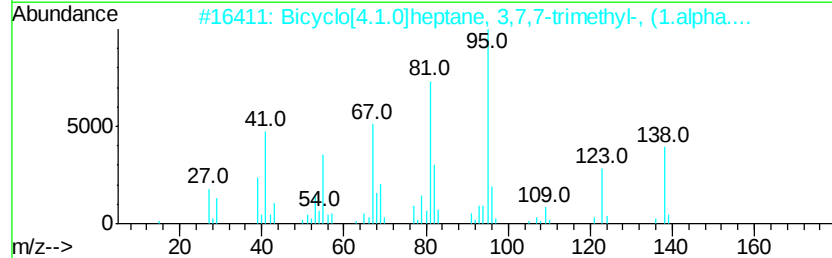
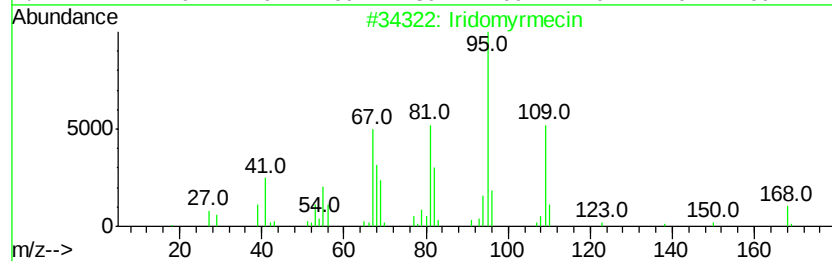
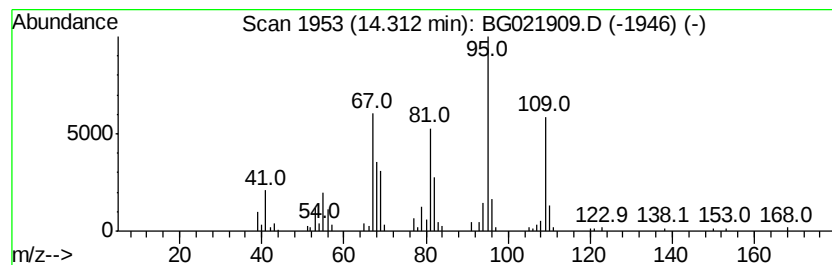
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Iridomyrmecin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.31	2.89 ng/ul	146868	Acenaphthene-d10	14.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iridomyrmecin	168	C10H16O2	000485-43-8	91
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	58
3	Cyclohexane, 1-methyl-3-(1-methyl...	138	C10H18	013828-34-7	58
4	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	53
5	3-Decyne	138	C10H18	002384-85-2	49



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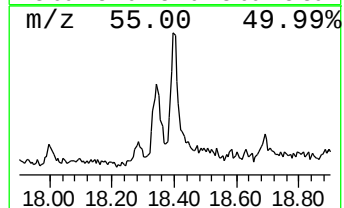
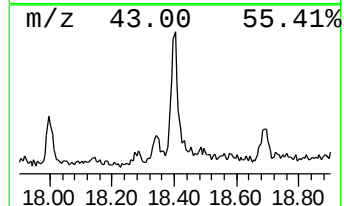
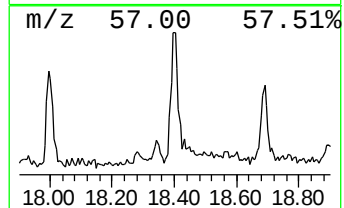
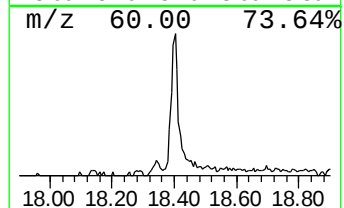
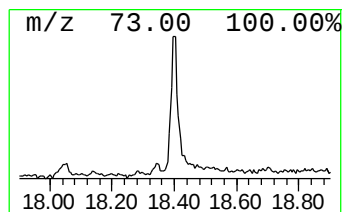
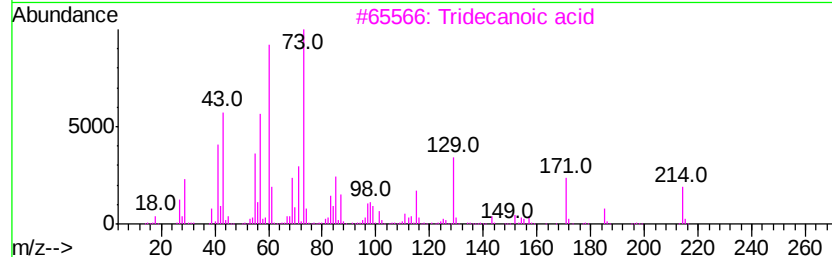
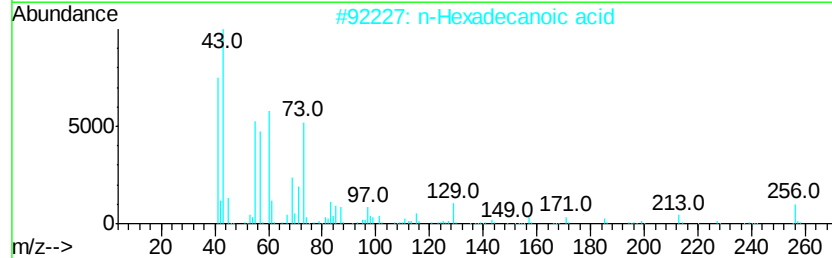
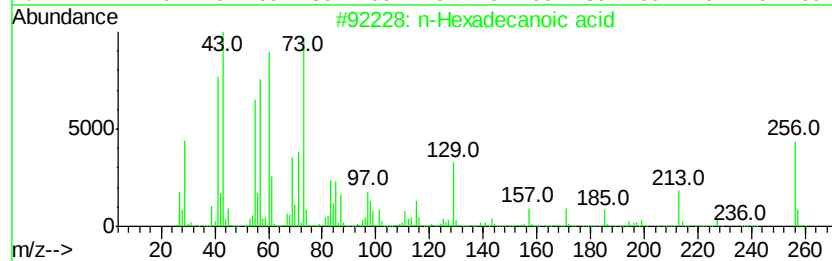
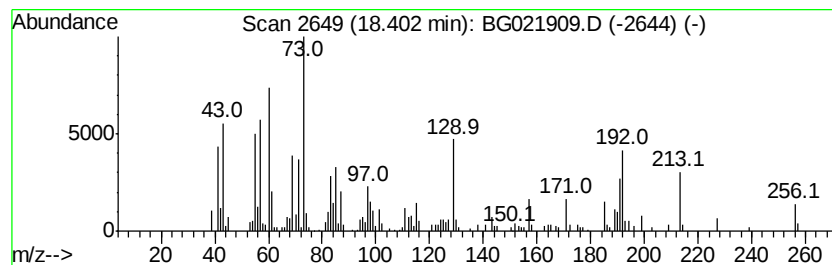
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.77 ng/ul	166417	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Iridomyrmecin	14.31	2.9	ng/ul	146868	3	14.79	1016650	20.0
n-Hexadecanoic acid	18.40	2.8	ng/ul	166417	4	17.53	1203440	20.0