

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
 Data File : BG024397.D
 Acq On : 18 Oct 2016 00:07
 Operator : UM/SJ
 Sample : H5240-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPG1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	3.450	101	104	106	rBV4	12805	14902	0.35%	0.032%
2	3.597	128	129	132	rBV3	10696	11681	0.28%	0.025%
3	3.644	134	137	144	rVB6	16851	36400	0.86%	0.078%
4	3.826	166	168	171	rBV3	13908	12066	0.29%	0.026%
5	3.926	184	185	190	rBV4	15534	21197	0.50%	0.045%
6	4.043	203	205	208	rVB4	11930	12224	0.29%	0.026%
7	4.695	312	316	321	rBV6	10326	17239	0.41%	0.037%
8	5.201	401	402	408	rVV5	6517	11365	0.27%	0.024%
9	6.411	605	608	611	rBV4	10991	17819	0.42%	0.038%
10	6.470	612	618	619	rVV6	8382	11577	0.27%	0.025%
11	6.740	660	664	667	rBV5	9201	11486	0.27%	0.025%
12	6.852	682	683	688	rBV3	7470	10918	0.26%	0.023%
13	6.963	698	702	704	rVB4	9893	11843	0.28%	0.025%
14	7.410	768	778	789	rBV	431060	856944	20.35%	1.832%
15	7.598	801	810	820	rBV	323596	557157	13.23%	1.191%
16	7.709	826	829	833	rBV6	9752	12641	0.30%	0.027%
17	7.809	837	846	856	rVB	410661	746413	17.73%	1.596%
18	8.003	877	879	885	rVB6	9199	11684	0.28%	0.025%
19	8.080	885	892	894	rBV6	7828	11749	0.28%	0.025%
20	8.285	919	927	936	rBV2	658429	1185732	28.16%	2.535%
21	8.538	968	970	977	rVB7	7648	15057	0.36%	0.032%
22	8.667	987	992	994	rVV4	9512	12775	0.30%	0.027%
23	8.808	1009	1016	1019	rBV8	10804	20783	0.49%	0.044%
24	8.967	1032	1043	1053	rBV2	538023	990385	23.52%	2.117%
25	9.454	1118	1126	1140	rVB	438009	827990	19.67%	1.770%
26	9.666	1159	1162	1167	rVB7	9396	17716	0.42%	0.038%
27	9.725	1167	1172	1174	rBV4	9922	14877	0.35%	0.032%
28	9.807	1180	1186	1190	rBV6	18852	29842	0.71%	0.064%
29	10.013	1217	1221	1229	rBV10	7289	15043	0.36%	0.032%
30	10.107	1229	1237	1240	rVV8	7122	14781	0.35%	0.032%
31	10.183	1240	1250	1258	rVB2	367190	715845	17.00%	1.530%
32	10.353	1272	1279	1285	rBV8	10780	26942	0.64%	0.058%
33	10.718	1332	1341	1350	rBV	562109	1066419	25.33%	2.280%
34	11.111	1400	1408	1417	rVB	1009926	1861975	44.23%	3.980%

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35	11.241	1421	1430	1438	rBV	328947	638464	15.17%	1.365%
36	11.846	1525	1533	1537	rBV9	10456	16736	0.40%	0.036%
37	12.233	1595	1599	1603	rVB6	5928	11404	0.27%	0.024%
38	12.298	1606	1610	1614	rBV6	11460	19926	0.47%	0.043%
39	12.351	1614	1619	1622	rBV5	8325	14325	0.34%	0.031%
40	12.668	1670	1673	1684	rVB7	16294	26828	0.64%	0.057%
41	12.897	1708	1712	1716	rBV7	7820	12066	0.29%	0.026%
42	13.062	1737	1740	1745	rBV5	7365	14205	0.34%	0.030%
43	13.685	1843	1846	1850	rVV5	9789	15370	0.37%	0.033%
44	13.761	1854	1859	1864	rVB3	36207	50885	1.21%	0.109%
45	13.808	1864	1867	1874	rVB6	10335	20191	0.48%	0.043%
46	13.873	1874	1878	1882	rBV6	8481	15989	0.38%	0.034%
47	14.290	1938	1949	1953	rVV	1192205	1734924	41.21%	3.709%
48	14.337	1953	1957	1965	rVB	623699	933101	22.16%	1.995%
49	14.531	1988	1990	1994	rVB5	8878	11812	0.28%	0.025%
50	14.595	1994	2001	2010	rBV	1196630	1945234	46.20%	4.158%
51	14.754	2022	2028	2032	rVB	41890	55227	1.31%	0.118%
52	14.901	2045	2053	2065	rVB	1833573	2956519	70.23%	6.320%
53	15.060	2073	2080	2089	rBV	540540	896639	21.30%	1.917%
54	15.189	2096	2102	2109	rBV	14914	34715	0.82%	0.074%
55	15.253	2109	2113	2118	rVB7	18903	31650	0.75%	0.068%
56	15.312	2119	2123	2127	rVB5	10052	15172	0.36%	0.032%
57	15.359	2127	2131	2135	rBV5	16335	29976	0.71%	0.064%
58	15.441	2139	2145	2151	rBV7	12481	25924	0.62%	0.055%
59	15.700	2180	2189	2195	rBV2	70984	97332	2.31%	0.208%
60	15.800	2203	2206	2212	rVB2	48446	59202	1.41%	0.127%
61	15.882	2212	2220	2228	rVB	1661947	2677148	63.59%	5.723%
62	15.988	2231	2238	2248	rBV2	457399	742885	17.65%	1.588%
63	16.105	2251	2258	2266	rVB7	28832	77488	1.84%	0.166%
64	16.323	2292	2295	2300	rVB6	10270	11220	0.27%	0.024%
65	16.452	2314	2317	2319	rVB4	12383	13573	0.32%	0.029%
66	16.558	2330	2335	2344	rVB2	81027	139264	3.31%	0.298%
67	16.740	2362	2366	2369	rVB5	12885	21016	0.50%	0.045%
68	16.834	2377	2382	2387	rBV9	16888	31731	0.75%	0.068%
69	16.904	2391	2394	2401	rBV8	13976	28023	0.67%	0.060%
70	17.045	2415	2418	2424	rVB5	39836	54434	1.29%	0.116%
71	17.345	2466	2469	2474	rBV2	56484	73554	1.75%	0.157%

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72	17.404	2474	2479	2490	rVB10	21035	61900	1.47%	0.132%
73	17.504	2493	2496	2502	rVB8	8925	15723	0.37%	0.034%
74	17.639	2509	2519	2527	rBV2	2260232	3623851	86.08%	7.747%
75	17.739	2528	2536	2547	rVB	1909043	2941947	69.88%	6.289%
76	17.827	2547	2551	2555	rBV7	13926	27450	0.65%	0.059%
77	17.886	2559	2561	2566	rVB6	10890	18992	0.45%	0.041%
78	17.980	2570	2577	2588	rVV3	143578	257193	6.11%	0.550%
79	18.085	2592	2595	2597	rBV4	14971	17549	0.42%	0.038%
80	18.121	2598	2601	2608	rVB6	32723	46516	1.10%	0.099%
81	18.268	2621	2626	2631	rBV9	16364	27745	0.66%	0.059%
82	18.479	2658	2662	2674	rBV2	318891	446774	10.61%	0.955%
83	18.767	2708	2711	2714	rBV4	15537	19952	0.47%	0.043%
84	19.049	2751	2759	2763	rBV8	29472	50402	1.20%	0.108%
85	19.278	2794	2798	2799	rBV4	11872	15966	0.38%	0.034%
86	19.331	2804	2807	2813	rBV7	29574	55000	1.31%	0.118%
87	19.642	2855	2860	2864	rVB3	35792	68891	1.64%	0.147%
88	19.736	2872	2876	2887	rBV5	146561	207460	4.93%	0.443%
89	19.830	2889	2892	2898	rVB7	34349	46793	1.11%	0.100%
90	19.895	2900	2903	2907	rVB6	23953	28735	0.68%	0.061%
91	20.007	2915	2922	2936	rVB	2329180	3432631	81.53%	7.338%
92	20.524	3006	3010	3014	rVB5	44626	55605	1.32%	0.119%
93	21.135	3110	3114	3115	rBV4	32915	48729	1.16%	0.104%
94	21.523	3174	3180	3193	rBV3	283490	590778	14.03%	1.263%
95	21.863	3234	3238	3242	rVB6	38360	64525	1.53%	0.138%
96	21.934	3243	3250	3265	rVB	2334138	4210036	100.00%	9.000%
97	23.467	3509	3511	3520	rVB8	57019	103444	2.46%	0.221%
98	24.343	3655	3660	3664	rBV5	48590	103903	2.47%	0.222%
99	25.142	3784	3796	3811	rBV2	1081398	3219832	76.48%	6.883%
100	25.377	3825	3836	3849	rVB2	1310996	4204496	99.87%	8.988%

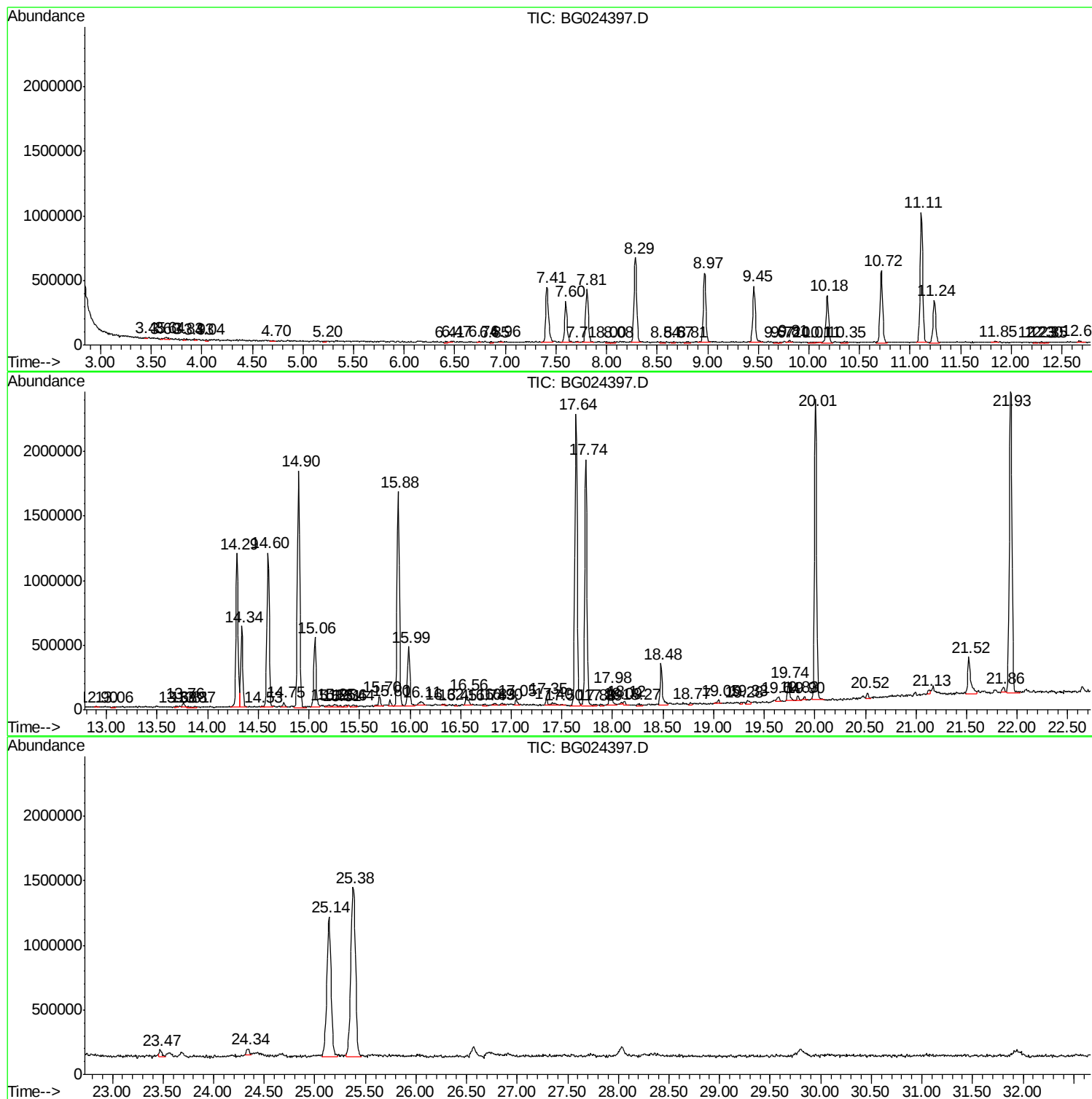
Sum of corrected areas: 46780437

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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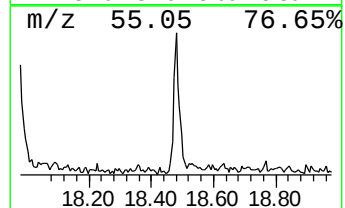
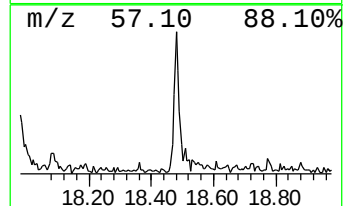
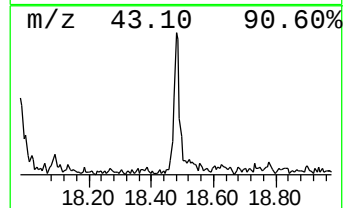
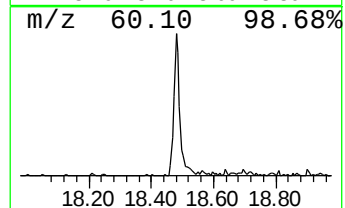
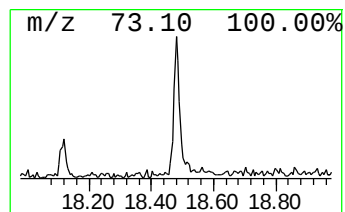
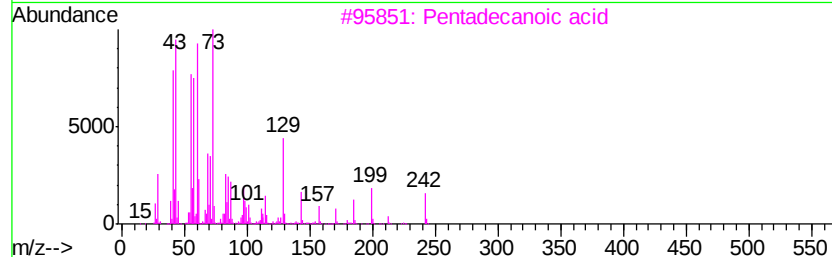
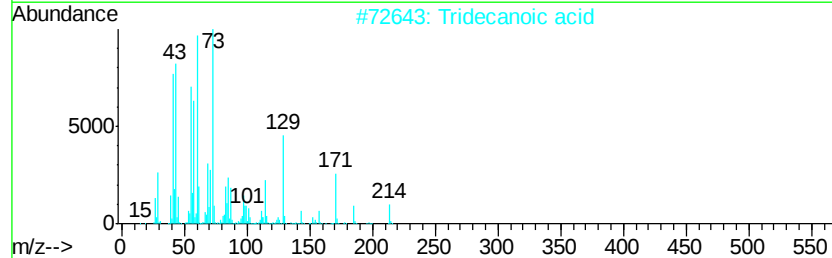
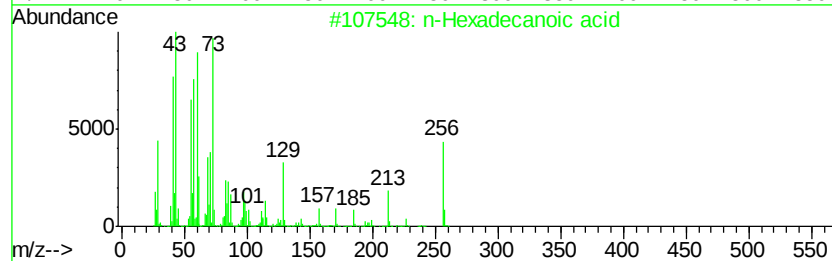
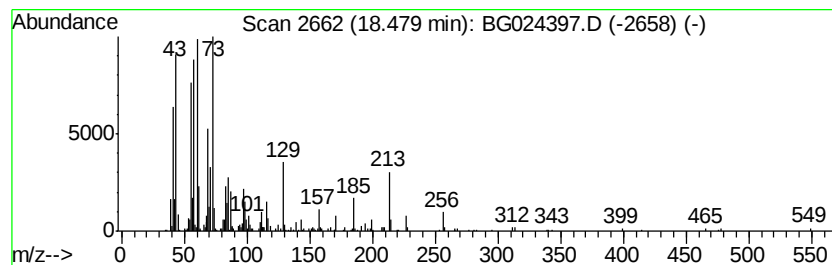
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.47 ng/ul	446774	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	83



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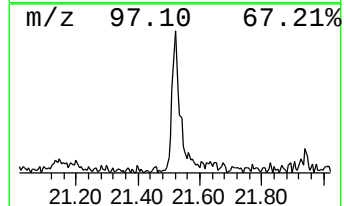
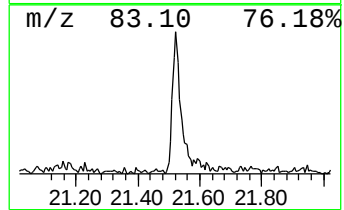
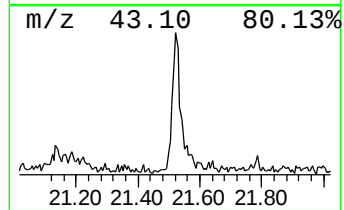
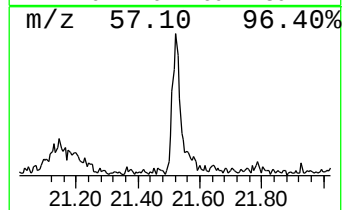
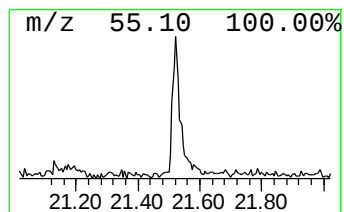
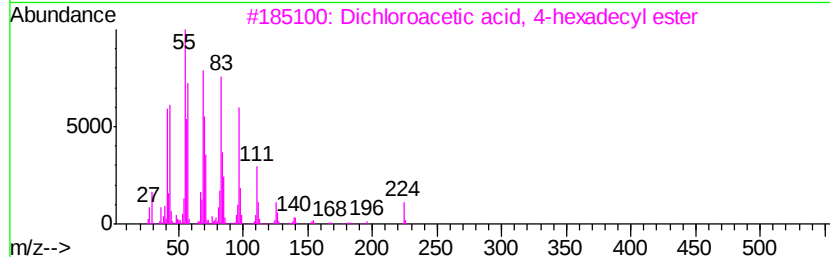
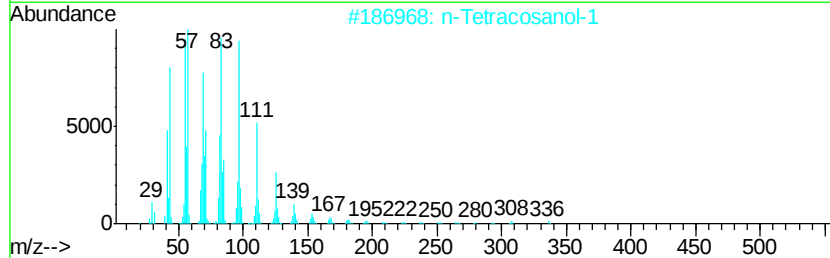
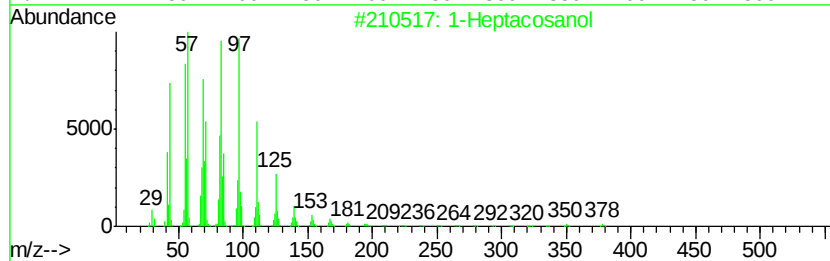
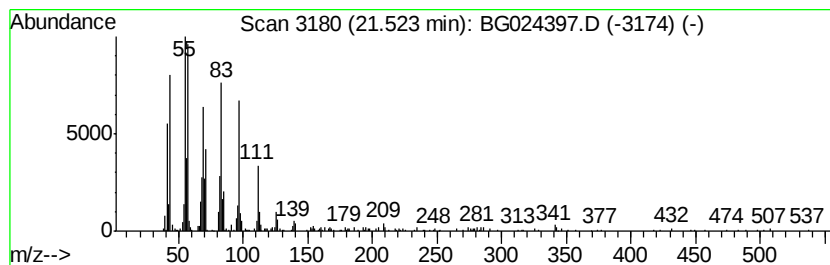
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.81 ng/ul	590778	Chrysene-d12	21.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	91
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3			Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	90
4			Cyclotetracosane	336	C24H48	000297-03-0	87
5			1-Nonadecene	266	C19H38	018435-45-5	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.48	2.5	ng/ul	446774	4	17.64	3623850	20.0
1-Heptacosanol	21.52	2.8	ng/ul	590778	5	21.93	4210040	20.0