

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028552.D
 Acq On : 30 Aug 2017 14:02
 Operator : SJ/JU
 Sample : I4917-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B42

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\SOM-EPA-BG080217.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	3.823	35	40	47	rVB5	9152	17810	1.39%	0.121%
2	3.935	57	59	60	rBV2	2997	2899	0.23%	0.020%
3	4.100	83	87	89	rBV4	3794	5244	0.41%	0.036%
4	4.288	117	119	122	rBV4	2270	2788	0.22%	0.019%
5	4.487	152	153	160	rBV3	2416	2960	0.23%	0.020%
6	4.758	196	199	204	rBV4	2314	3979	0.31%	0.027%
7	5.339	294	298	300	rVB4	2064	2751	0.21%	0.019%
8	5.786	371	374	377	rBV3	2375	2783	0.22%	0.019%
9	5.856	383	386	390	rVB4	2468	3232	0.25%	0.022%
10	6.415	476	481	486	rBV3	2751	6170	0.48%	0.042%
11	6.973	570	576	580	rBV5	2279	3139	0.24%	0.021%
12	7.331	633	637	639	rBV3	2696	3646	0.28%	0.025%
13	7.490	656	664	682	rBV	169065	363953	28.34%	2.468%
14	7.654	683	692	706	rVV	124519	220586	17.17%	1.496%
15	7.872	722	729	738	rBV	161352	300266	23.38%	2.036%
16	8.336	799	808	820	rBV	145221	261604	20.37%	1.774%
17	8.659	857	863	865	rBV6	2485	4514	0.35%	0.031%
18	9.035	918	927	940	rBV	212523	401673	31.27%	2.724%
19	9.399	985	989	994	rVB2	1296	2991	0.23%	0.020%
20	9.505	999	1007	1016	rBV	174546	332749	25.91%	2.257%
21	9.611	1020	1025	1026	rBV4	3002	4229	0.33%	0.029%
22	9.869	1061	1069	1075	rVB5	2548	5412	0.42%	0.037%
23	10.234	1122	1131	1141	rVB2	157355	294310	22.91%	1.996%
24	10.427	1161	1164	1169	rVB3	1550	2998	0.23%	0.020%
25	10.480	1169	1173	1176	rBV3	2151	3020	0.24%	0.020%
26	10.651	1195	1202	1204	rVB3	1502	3038	0.24%	0.021%
27	10.774	1215	1223	1236	rBV	217652	423710	32.99%	2.874%
28	11.156	1281	1288	1297	rBV	199321	383957	29.89%	2.604%
29	11.291	1302	1311	1327	rBV2	205721	399867	31.13%	2.712%
30	11.532	1350	1352	1358	rBV2	1973	3309	0.26%	0.022%
31	11.673	1373	1376	1380	rVB5	1922	2765	0.22%	0.019%
32	12.120	1449	1452	1462	rBV4	2709	6432	0.50%	0.044%
33	12.713	1548	1553	1562	rVB6	3911	8577	0.67%	0.058%
34	13.541	1688	1694	1702	rBV7	2105	4167	0.32%	0.028%

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35	13.806	1737	1739	1746	rBV5	2119	4179	0.33%	0.028%
36	13.871	1746	1750	1755	rVV6	1819	3729	0.29%	0.025%
37	14.129	1791	1794	1802	rBV4	1612	4021	0.31%	0.027%
38	14.341	1822	1830	1834	rBV	462729	717621	55.87%	4.867%
39	14.382	1834	1837	1844	rVB	163327	235056	18.30%	1.594%
40	14.511	1853	1859	1863	rBV5	2281	4761	0.37%	0.032%
41	14.646	1873	1882	1894	rVB	488104	779817	60.71%	5.289%
42	14.799	1900	1908	1915	rBV3	11199	20292	1.58%	0.138%
43	14.952	1926	1934	1942	rBV2	350623	585679	45.60%	3.972%
44	15.151	1959	1968	1985	rBV2	134966	301397	23.47%	2.044%
45	15.339	1999	2000	2008	rVB6	4415	8064	0.63%	0.055%
46	15.416	2008	2013	2021	rVB7	5150	9162	0.71%	0.062%
47	15.486	2021	2025	2033	rBV5	3489	6315	0.49%	0.043%
48	15.751	2056	2070	2076	rBV2	21635	41116	3.20%	0.279%
49	15.815	2076	2081	2084	rBV5	3241	4969	0.39%	0.034%
50	15.862	2085	2089	2093	rVB6	1948	2818	0.22%	0.019%
51	15.939	2094	2102	2116	rVB	644317	1011776	78.77%	6.862%
52	16.062	2116	2123	2132	rBV2	210297	347999	27.09%	2.360%
53	16.156	2137	2139	2141	rBV2	4556	4806	0.37%	0.033%
54	16.244	2151	2154	2158	rVB4	4013	6965	0.54%	0.047%
55	16.297	2161	2163	2167	rBV4	3914	4135	0.32%	0.028%
56	16.373	2171	2176	2184	rVB6	3537	7482	0.58%	0.051%
57	16.462	2184	2191	2197	rBV6	3030	6631	0.52%	0.045%
58	16.556	2205	2207	2212	rVB4	2632	3897	0.30%	0.026%
59	16.608	2212	2216	2224	rBV	23979	48031	3.74%	0.326%
60	16.797	2243	2248	2255	rBV8	3241	6665	0.52%	0.045%
61	16.890	2260	2264	2267	rVB6	4447	4918	0.38%	0.033%
62	16.949	2269	2274	2279	rBV7	3883	7844	0.61%	0.053%
63	17.073	2290	2295	2300	rBV7	3018	4144	0.32%	0.028%
64	17.126	2301	2304	2308	rVB5	3113	3707	0.29%	0.025%
65	17.402	2346	2351	2356	rBV3	13638	20212	1.57%	0.137%
66	17.460	2356	2361	2363	rVV3	5568	8009	0.62%	0.054%
67	17.490	2363	2366	2372	rVB5	4388	7145	0.56%	0.048%
68	17.701	2395	2402	2412	rBV	463314	747919	58.23%	5.072%
69	17.801	2412	2419	2429	rVB2	722101	1114209	86.75%	7.557%
70	17.872	2429	2431	2438	rVB5	6021	9452	0.74%	0.064%
71	17.942	2438	2443	2445	rBV6	3683	5801	0.45%	0.039%

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72	18.054	2455	2462	2469	rBV9	4637	12658	0.99%	0.086%
73	18.148	2474	2478	2482	rVB4	7186	10770	0.84%	0.073%
74	18.330	2505	2509	2515	rBB6	3377	5220	0.41%	0.035%
75	18.547	2539	2546	2556	rBV3	56669	100725	7.84%	0.683%
76	18.624	2557	2559	2565	rVB5	7703	11668	0.91%	0.079%
77	18.753	2579	2581	2585	rVB3	2382	3155	0.25%	0.021%
78	18.824	2592	2593	2597	rVB2	5473	5464	0.43%	0.037%
79	19.070	2632	2635	2638	rBV5	4293	3813	0.30%	0.026%
80	19.358	2681	2684	2687	rVB3	4065	3739	0.29%	0.025%
81	19.393	2688	2690	2693	rVB4	3179	2963	0.23%	0.020%
82	19.429	2695	2696	2699	rBV3	4786	4106	0.32%	0.028%
83	19.470	2702	2703	2708	rVB4	4596	5019	0.39%	0.034%
84	19.529	2708	2713	2716	rBV6	3544	5449	0.42%	0.037%
85	19.599	2723	2725	2729	rBV4	2985	3055	0.24%	0.021%
86	19.705	2737	2743	2751	rBV5	10263	28747	2.24%	0.195%
87	19.805	2757	2760	2770	rBV10	10507	21655	1.69%	0.147%
88	19.946	2779	2784	2792	rBV2	94717	119713	9.32%	0.812%
89	20.075	2799	2806	2815	rBV	831190	1284407	100.00%	8.711%
90	20.551	2881	2887	2892	rBV9	6253	14553	1.13%	0.099%
91	20.997	2958	2963	2969	rVB3	33267	43310	3.37%	0.294%
92	21.603	3061	3066	3077	rBV9	31923	79565	6.19%	0.540%
93	22.032	3131	3139	3147	rBV	494553	895011	69.68%	6.070%
94	24.452	3546	3551	3555	rVB5	15840	28778	2.24%	0.195%
95	25.304	3684	3696	3712	rVB2	411081	1272437	99.07%	8.630%
96	25.469	3720	3724	3726	rBV4	21678	28826	2.24%	0.196%
97	25.545	3727	3737	3750	rVB	283566	909314	70.80%	6.167%
98	26.714	3930	3936	3946	rVB4	25802	73274	5.70%	0.497%
99	28.171	4178	4184	4196	rVB6	25850	84461	6.58%	0.573%
100	29.958	4479	4488	4498	rVB6	19788	80526	6.27%	0.546%

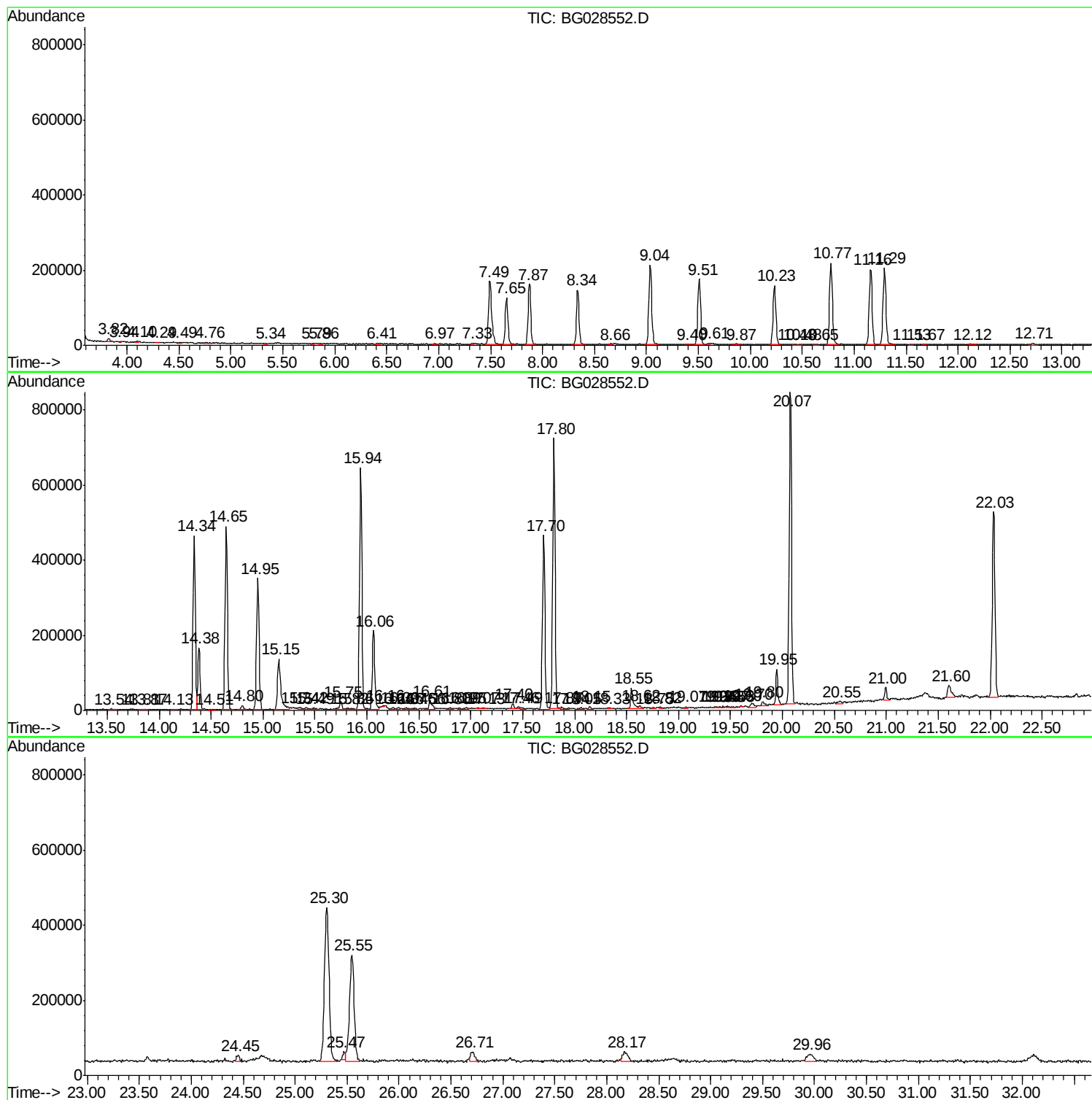
Sum of corrected areas: 14744652

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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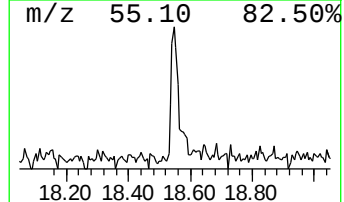
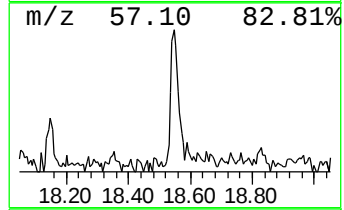
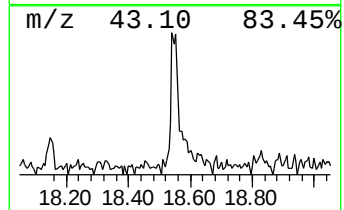
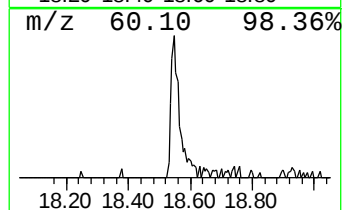
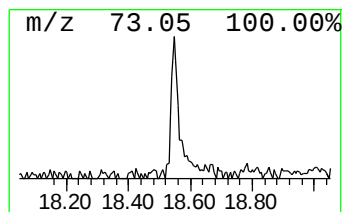
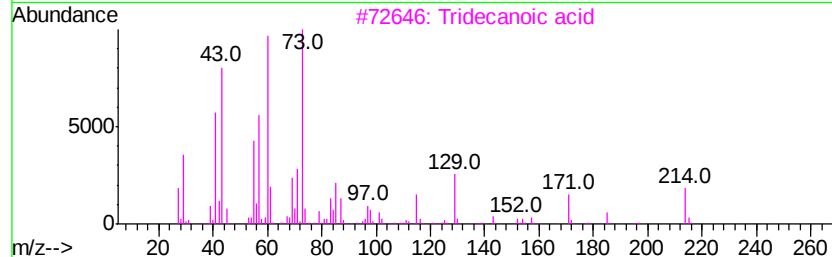
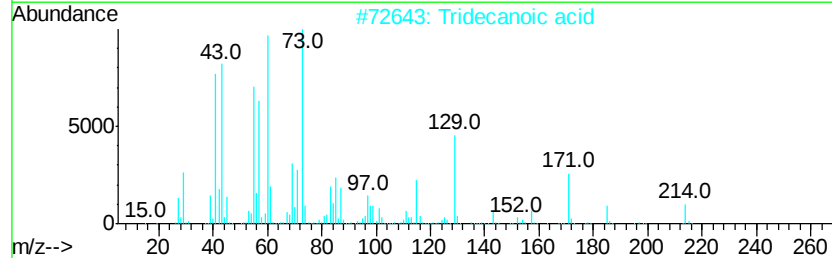
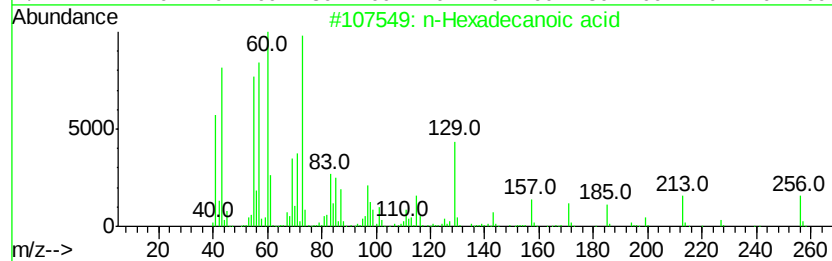
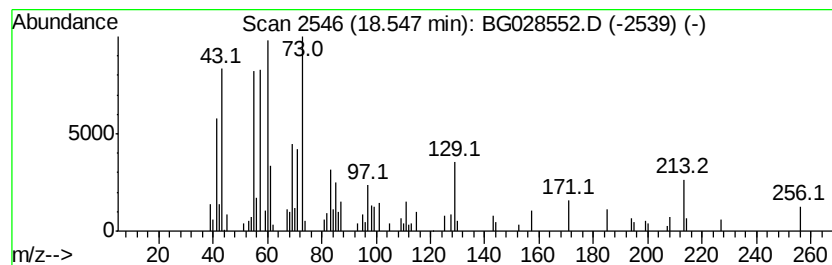
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.69 ng/ul	100725	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	86
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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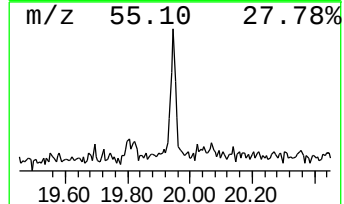
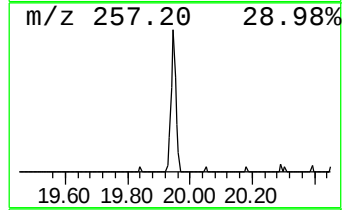
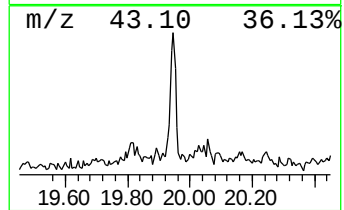
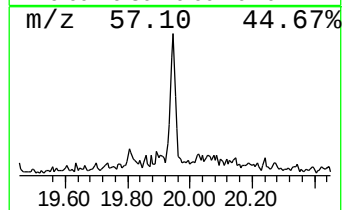
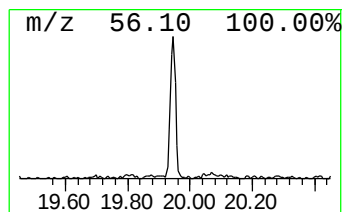
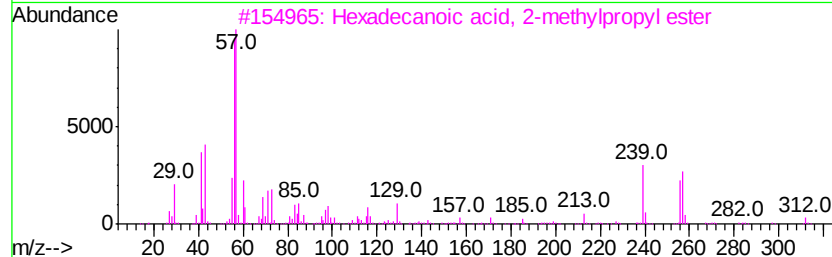
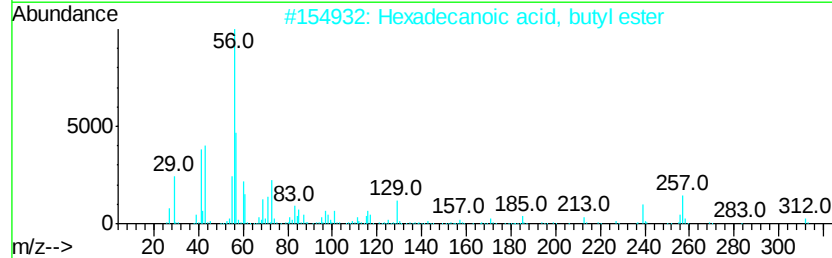
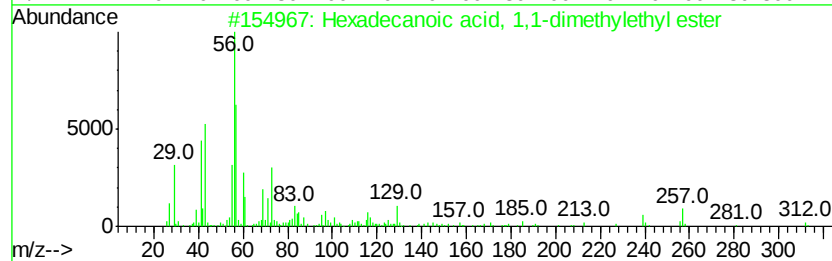
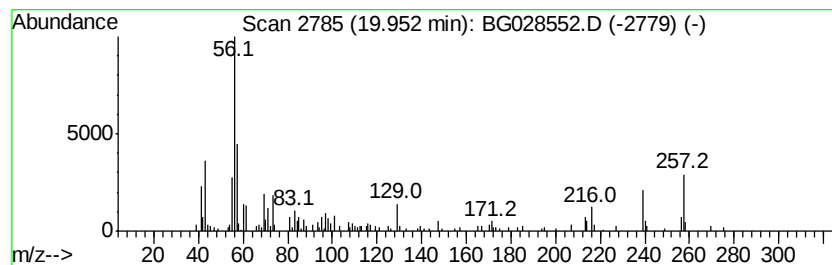
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, 1,1-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.68 ng/ul	119713	Chrysene-d12	22.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	95
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	74
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	55
5		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.55	2.7	ng/ul	100725	4	17.70	747919	20.0
Hexadecanoic acid...	19.95	2.7	ng/ul	119713	5	22.03	895011	20.0