LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012157.D
Acq On : 15 Oct 2022 02:43
Operator : CG/JU
Sample : N4984-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNB8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Title : SVOA CALIBRATION

Signal : TIC: BP012157.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.011	677	684	702	rVV	720350	1241452	23.04%	2.168%
2	7.175	706	712	726	rVB	605633	982189	18.23%	1.715%
3	7.369	739	745	756	rBV	750316	1175977	21.82%	2.054%
4	7.840	819	825	834	rBV	698920	1113536	20.66%	1.945%
5	8.552	940	946	962	rBV	855594	1469482	27.27%	2.566%
6	8.675	962	967	975	rVB	22432	42952	0.80%	0.075%
7	9.010	1016	1024	1039	rBV	661469	1131319	20.99%	1.976%
8	9.163	1048	1050	1061	rVB10	6600	14525	0.27%	0.025%
9	9.404	1089	1091	1097	rVB4	6142	8124	0.15%	0.014%
10	9.728	1139	1146	1164	rBV	503363	868206	16.11%	1.516%
11	10.269	1230	1238	1261	rBV	807909	1449350	26.90%	2.531%
12	10.440	1261	1267	1283	rVV2	27508	76258	1.42%	0.133%
13	10.646	1294	1302	1315	rBV	984825	1669513	30.98%	2.915%
14	10.793	1320	1327	1349	rBV	579838	1127094	20.92%	1.968%
15	11.181	1388	1393	1397	rBV7	4426	7883	0.15%	0.014%
16	12.163	1555	1560	1565	rVV7	3828	6954	0.13%	0.012%
17	12.240	1565	1573	1578	rVB2	13726	23672	0.44%	0.041%
18	13.093	1715	1718	1725	rVB6	4919	8146	0.15%	0.014%
19	13.304	1751	1754	1759	rBV5	5338	9172	0.17%	0.016%
20	13.387	1763	1768	1773	rBV5	7551	13214	0.25%	0.023%
21	13.463	1773	1781	1788	rVB5	6504	16061	0.30%	0.028%
22	13.816	1834	1841	1847	rBV9	12847	26848	0.50%	0.047%
23	13.904	1847	1856	1861	rBV	1448337	2016335	37.42%	3.521%
24	13.951	1861	1864	1871	rVB	67362	101108	1.88%	0.177%
25	14.181	1897	1903	1916	rVV	1848206	2725797	50.58%	4.760%
26	14.381	1935	1937	1942	rVB2	5846	6738	0.13%	0.012%
27	14.492	1948	1956	1964	rBV	1495219	2137971	39.67%	3.733%
28	14.557	1964	1967	1973	rVB4	9437	15635	0.29%	0.027%
29	14.704	1986	1992	2013	rBV	397427	756857	14.05%	1.322%
30	14.916	2022	2028	2034	rVB4	44569	70672	1.31%	0.123%
31	15.104	2056	2060	2065	rVB8	6140	9584	0.18%	0.017%
32	15.163	2065	2070	2074	rBV6	5827	8423	0.16%	0.015%
33	15.281	2083	2090	2094	rBV7	7593	16866	0.31%	0.029%
34	15.487	2118	2125	2132	rBV	2461067	3471253	64.42%	6.062%
35	15.539	2132	2134	2141	rVB3	22702	29569	0.55%	0.052%
36	15.610	2141	2146	2154	rBV	269262	395956	7.35%	0.691%

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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

37	15.728	2162	2166	2174	rVB6	10392	22496	0.42%	0.039%
38	15.834	2180	2184	2192	rVB	13481	25679	0.48%	0.045%
39	15.981	2206	2209	2217	rVB2	13395	25701	0.48%	0.045%
40	16.069	2221	2224	2228	rVB5	3874	6312	0.12%	0.011%
41	16.210	2243	2248	2256	rBV7	12249	27688	0.51%	0.048%
42	16.551	2300	2306	2311	rVB4	15607	27471	0.51%	0.048%
43	16.598	2311	2314	2319	rVB3	4671	6845	0.13%	0.012%
44	16.651	2320	2323	2327	rVV6	5611	7582	0.14%	0.013%
45	16.698	2329	2331	2336	rVB5	7362	9054	0.17%	0.016%
46	16.781	2341	2345	2349	rBV4	14761	22864	0.42%	0.040%
47	16.822	2349	2352	2355	rVB2	12061	13746	0.26%	0.024%
48	16.910	2365	2367	2373	rVB6	8178	12184	0.23%	0.021%
49	16.975	2374	2378	2387	rBV3	18416	44073	0.82%	0.077%
50	17.063	2390	2393	2402	rVB3	13026	24959	0.46%	0.044%
51	17.251	2418	2425	2429	rBV	1830306	2608946	48.41%	4.556%
52	17.292	2429	2432	2436	rVB	273424	348471	6.47%	0.609%
53	17.351	2436	2442	2447	rBV2	2570719	3885078	72.10%	6.784%
54	17.445	2454	2458	2465	rVB6	35776	63923	1.19%	0.112%
55	17.769	2511	2513	2519	rVB2	15261	19368	0.36%	0.034%
56	18.133	2568	2575	2578	rBV2	182533	324675	6.03%	0.567%
57	18.163	2578	2580	2585	rVB	113338	147273	2.73%	0.257%
58	18.245	2590	2594	2599	rVV	71246	99655	1.85%	0.174%
59	18.310	2599	2605	2608	rVV2	135566	238723	4.43%	0.417%
60	18.339	2608	2610	2615	rVB	61705	77860	1.44%	0.136%
61	18.416	2620	2623	2627	rBV5	13480	22032	0.41%	0.038%
62	18.604	2651	2655	2659	rVB	67166	88864	1.65%	0.155%
63	18.839	2692	2695	2700	rVB5	22039	29171	0.54%	0.051%
64	18.886	2700	2703	2707	rBV	26553	36818	0.68%	0.064%
65	19.004	2719	2723	2729	rBV3	60791	135307	2.51%	0.236%
66	19.263	2758	2767	2772	rBV	1396151	1850274	34.34%	3.231%
67	19.369	2781	2785	2788	rBV2	131821	175194	3.25%	0.306%
68	19.410	2788	2792	2796	rVB	93789	125302	2.33%	0.219%
69	19.586	2816	2822	2825	rBV	3950794	5388732	100.00%	9.410%
70	19.616	2825	2827	2835	rVV	1196926	1371521	25.45%	2.395%
71	19.686	2836	2839	2844	rVB3	70643	106698	1.98%	0.186%
72	19.786	2853	2856	2862	rVB	77161	110328	2.05%	0.193%
73	19.927	2875	2880	2887	rBV3	98418	254369	4.72%	0.444%
74	20.098	2905	2909	2914	rVB2	295977	405640	7.53%	0.708%
75	20.192	2922	2925	2929	rBV	205378	266926	4.95%	0.466%
76	20.586	2990	2992	2996	rBV	78022	77151	1.43%	0.135%

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77	21.045	3065	3070	3073	rBV2	280609	486182	9.02%	0.849%
78	21.339	3114	3120	3124	rBV2	2730275	4409004	81.82%	7.699%
79	21.374	3124	3126	3132	rVB	642730	790120	14.66%	1.380%
80	23.016	3400	3405	3411	rBV2	411568	1042795	19.35%	1.821%
81	23.598	3498	3504	3509	rBV	2558596	4792672	88.94%	8.369%
82	23.757	3525	3531	3537	rVB2	1543094	2965286	55.03%	5.178%

Sum of corrected areas: 57265703

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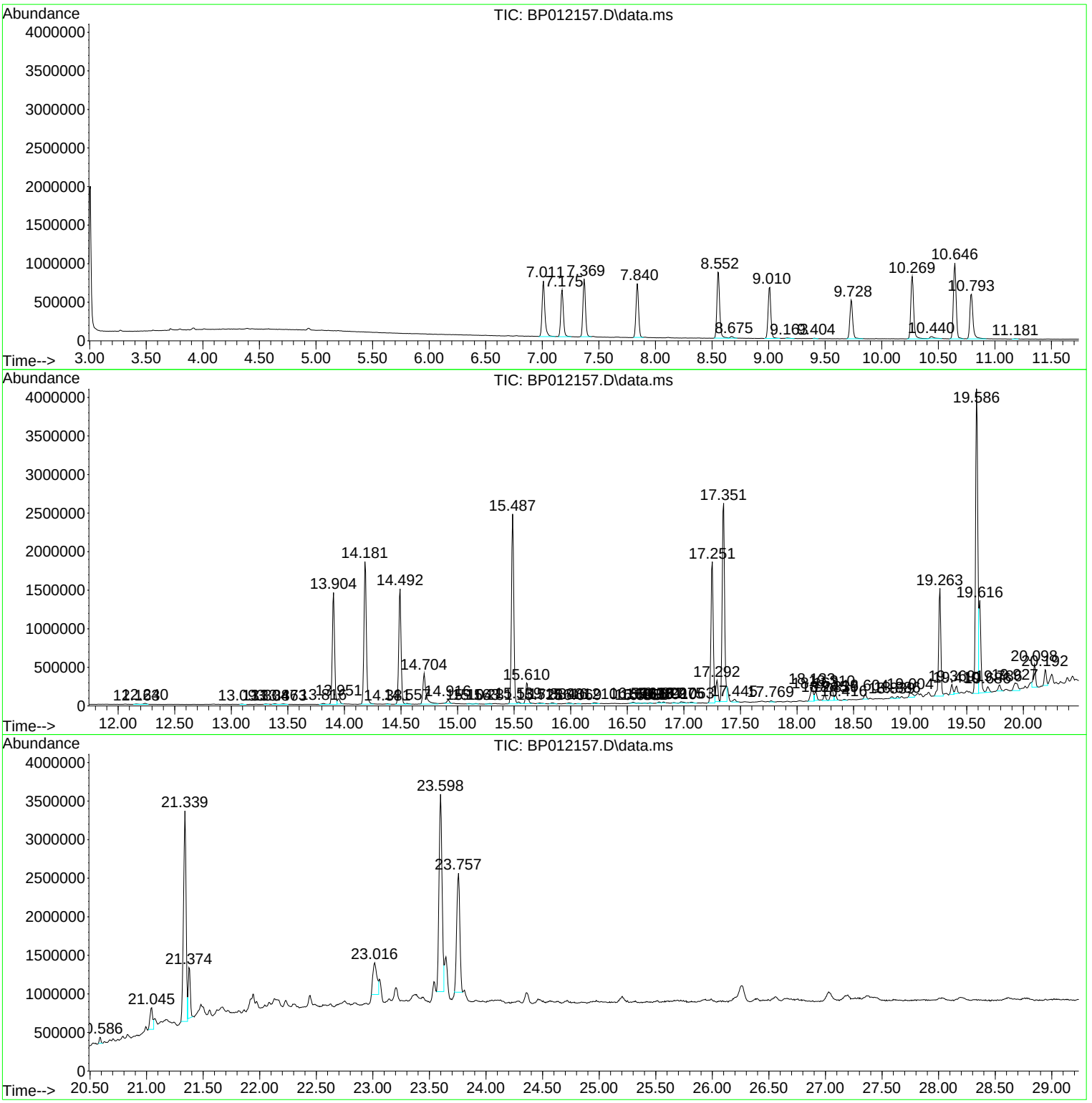
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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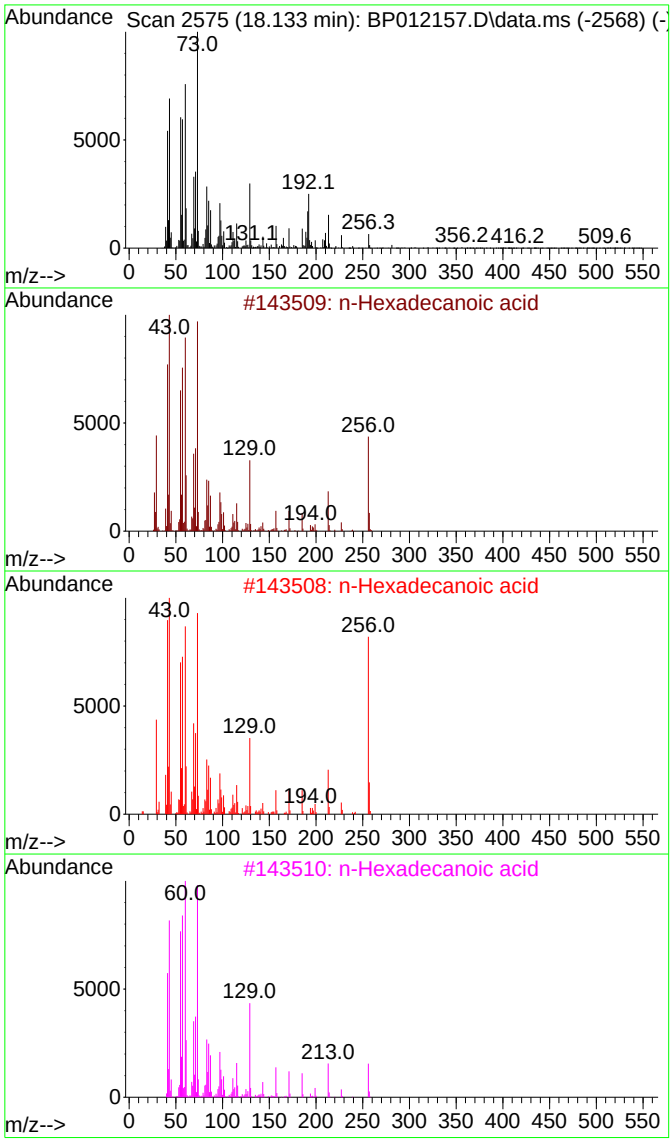
Quant Title : SVOA CALIBRATION

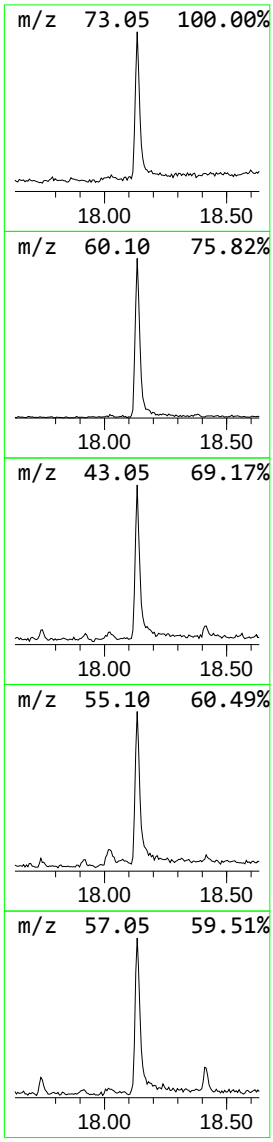
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	2.49 ng/ul	324675	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





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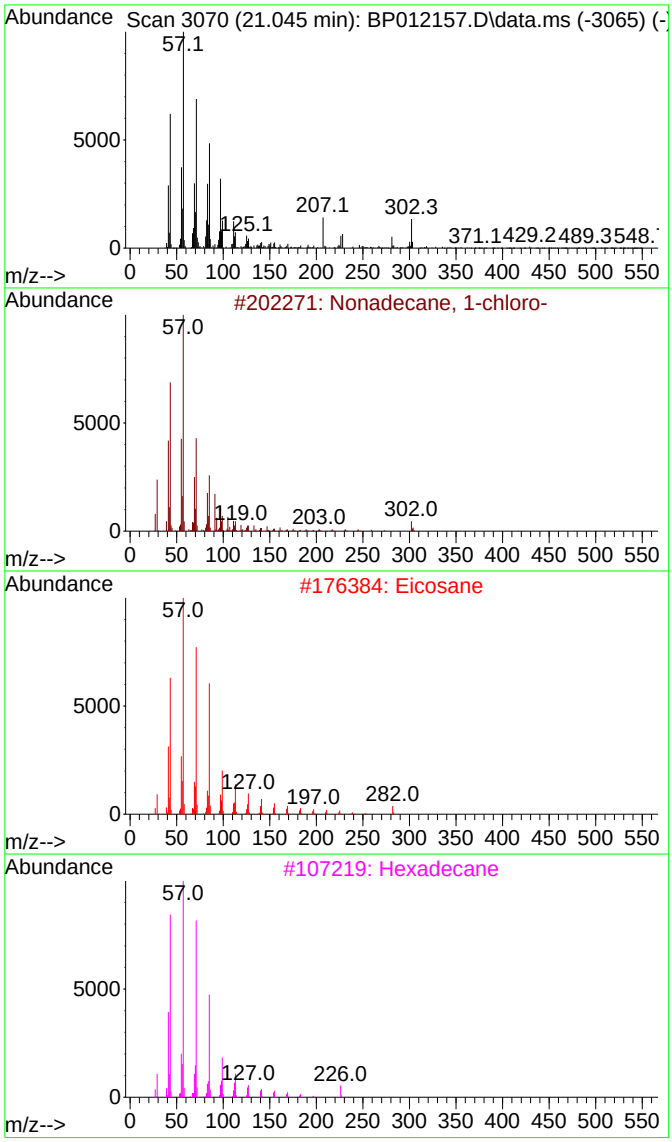
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

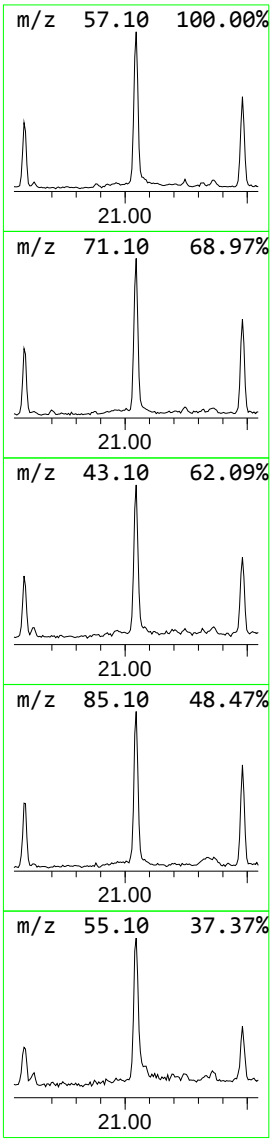
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Nonadecane, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.21 ng/ul	486182	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	93
2	Eicosane	282	C20H42	000112-95-8	92
3	Hexadecane	226	C16H34	000544-76-3	89
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	87
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.133	2.5	ng/ul	324675	4	17.251	2608950	20.0
Nonadecane, 1-c...	21.045	2.2	ng/ul	486182	5	21.339	4409000	20.0