LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052718.D
Acq On : 18 Mar 2022 20:18
Operator : CG/JU
Sample : N1882-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBRX5

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_G\Methods\SFAM-EPA-BG031822.M
Title : SVOA CALIBRATION

Signal : TIC: BG052718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.567	26	30	33	rBV3	7397	9926	0.93%	0.088%
2	3.978	96	100	114	rBV	109436	195467	18.39%	1.733%
3	4.430	176	177	182	rBV4	2582	2436	0.23%	0.022%
4	4.718	224	226	229	rBV2	1814	2390	0.22%	0.021%
5	4.789	236	238	241	rBV	1516	2138	0.20%	0.019%
6	5.229	311	313	314	rBV	2657	1654	0.16%	0.015%
7	6.093	459	460	463	rBV2	1454	1461	0.14%	0.013%
8	6.163	470	472	475	rBV2	1634	1634	0.15%	0.014%
9	7.291	656	664	674	rBV	159453	281533	26.48%	2.495%
10	7.467	687	694	705	rBV	112448	201294	18.93%	1.784%
11	7.679	722	730	737	rBV	149482	256920	24.17%	2.277%
12	7.761	742	744	749	rVB5	1396	1824	0.17%	0.016%
13	7.855	758	760	763	rVB3	1530	1558	0.15%	0.014%
14	8.149	803	810	817	rBV	145931	239578	22.53%	2.124%
15	8.260	825	829	830	rBV3	1150	1409	0.13%	0.012%
16	8.536	873	876	878	rBV3	1466	1773	0.17%	0.016%
17	8.630	888	892	896	rVB4	1186	1628	0.15%	0.014%
18	8.842	921	928	940	rBV	180559	323195	30.40%	2.865%
19	9.006	951	956	959	rVB4	1464	2639	0.25%	0.023%
20	9.100	969	972	975	rBV2	1221	1417	0.13%	0.013%
21	9.306	1001	1007	1016	rVB	149533	258092	24.28%	2.288%
22	9.476	1033	1036	1041	rBV3	1604	2937	0.28%	0.026%
23	9.747	1078	1082	1087	rVB4	3968	6876	0.65%	0.061%
24	10.034	1124	1131	1139	rVB	109455	198339	18.66%	1.758%
25	10.575	1215	1223	1231	rVB	179381	330626	31.10%	2.931%
26	10.739	1247	1251	1255	rVB2	1754	2544	0.24%	0.023%
27	10.963	1281	1289	1300	rVB	193953	341946	32.16%	3.031%
28	11.086	1300	1310	1319	rBV2	174054	325740	30.64%	2.887%
29	12.226	1499	1504	1505	rBV2	998	1641	0.15%	0.015%
30	12.372	1526	1529	1533	rVB2	2185	2605	0.25%	0.023%
31	12.543	1553	1558	1560	rBV4	3551	4625	0.44%	0.041%
32	12.913	1619	1621	1625	rVB2	1078	1509	0.14%	0.013%
33	13.395	1699	1703	1705	rVB2	1355	1448	0.14%	0.013%
34	13.553	1727	1730	1732	rVB3	1066	1433	0.13%	0.013%
35	13.600	1732	1738	1742	rBV4	6971	10059	0.95%	0.089%
36	13.671	1745	1750	1754	rVB3	1026	2174	0.20%	0.019%

LSC Area Percent Report

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Misc :
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Instrument :
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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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Title : SVOA CALIBRATION

37	13.723	1754	1759	1761	rBV2	1232	1693	0.16%	0.015%
38	14.164	1828	1834	1842	rBV	348694	506370	47.63%	4.488%
39	14.417	1872	1877	1878	rBV2	1471	1979	0.19%	0.018%
40	14.464	1878	1885	1895	rVB	373928	613708	57.72%	5.440%
41	14.669	1915	1920	1924	rVB4	2498	3518	0.33%	0.031%
42	14.769	1929	1937	1945	rVB	314812	495422	46.60%	4.391%
43	14.928	1958	1964	1971	rBV	166553	257951	24.26%	2.286%
44	15.568	2068	2073	2077	rVB2	1418	2434	0.23%	0.022%
45	15.756	2098	2105	2112	rBV	510402	767431	72.18%	6.802%
46	15.856	2116	2122	2129	rBV	126020	184254	17.33%	1.633%
47	15.991	2143	2145	2151	rVB2	1879	2312	0.22%	0.020%
48	16.432	2217	2220	2223	rVB3	1167	1505	0.14%	0.013%
49	16.467	2223	2226	2229	rBV4	977	1488	0.14%	0.013%
50	16.543	2235	2239	2243	rVB2	2173	2886	0.27%	0.026%
51	16.819	2284	2286	2289	rBV2	1637	1463	0.14%	0.013%
52	16.896	2295	2299	2300	rBV	1450	1844	0.17%	0.016%
53	17.107	2331	2335	2339	rBV3	1173	1529	0.14%	0.014%
54	17.248	2357	2359	2361	rBV	2018	1805	0.17%	0.016%
55	17.301	2366	2368	2372	rVB2	3672	2846	0.27%	0.025%
56	17.424	2387	2389	2391	rVB3	1933	1660	0.16%	0.015%
57	17.507	2397	2403	2411	rVB	408096	642003	60.39%	5.690%
58	17.606	2413	2420	2427	rVV	531581	853987	80.32%	7.569%
59	17.689	2431	2434	2438	rVV3	4897	5656	0.53%	0.050%
60	17.736	2440	2442	2445	rBV3	1216	1425	0.13%	0.013%
61	17.789	2448	2451	2452	rBV3	1747	1718	0.16%	0.015%
62	18.270	2527	2533	2535	rBV5	1485	2359	0.22%	0.021%
63	18.388	2549	2553	2563	rBV2	73588	112882	10.62%	1.001%
64	18.664	2599	2600	2602	rVB	3542	1413	0.13%	0.013%
65	18.934	2645	2646	2648	rBV2	2807	1960	0.18%	0.017%
66	19.310	2708	2710	2711	rBV	2938	1648	0.16%	0.015%
67	19.457	2731	2735	2739	rBV4	9566	13870	1.30%	0.123%
68	19.522	2742	2746	2757	rVV7	10476	24689	2.32%	0.219%
69	19.657	2765	2769	2774	rBV6	18427	24183	2.27%	0.214%
70	19.892	2803	2809	2817	rVB	724451	1063181	100.00%	9.424%
71	21.431	3066	3071	3079	rVB	193057	268897	25.29%	2.383%
72	21.795	3127	3133	3142	rVB	440207	740553	69.65%	6.564%
73	24.885	3651	3659	3672	rVB2	354433	1007716	94.78%	8.932%
74	25.114	3690	3698	3707	rVB2	233383	635466	59.77%	5.632%

Sum of corrected areas: 11282172

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BNA_G
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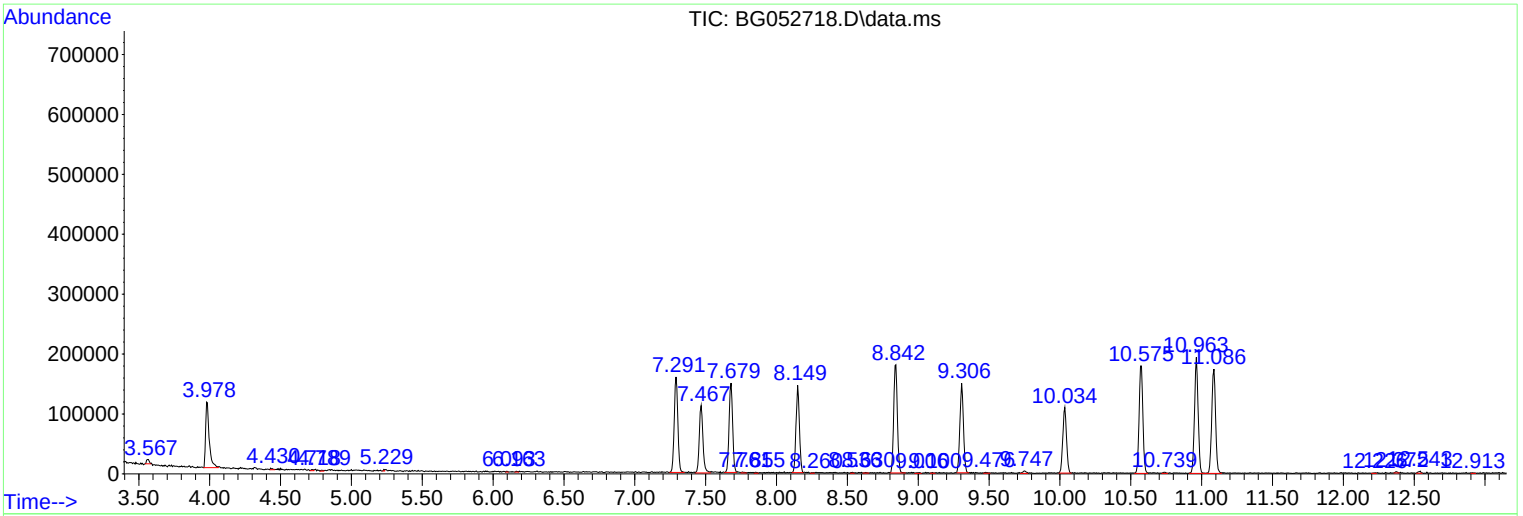
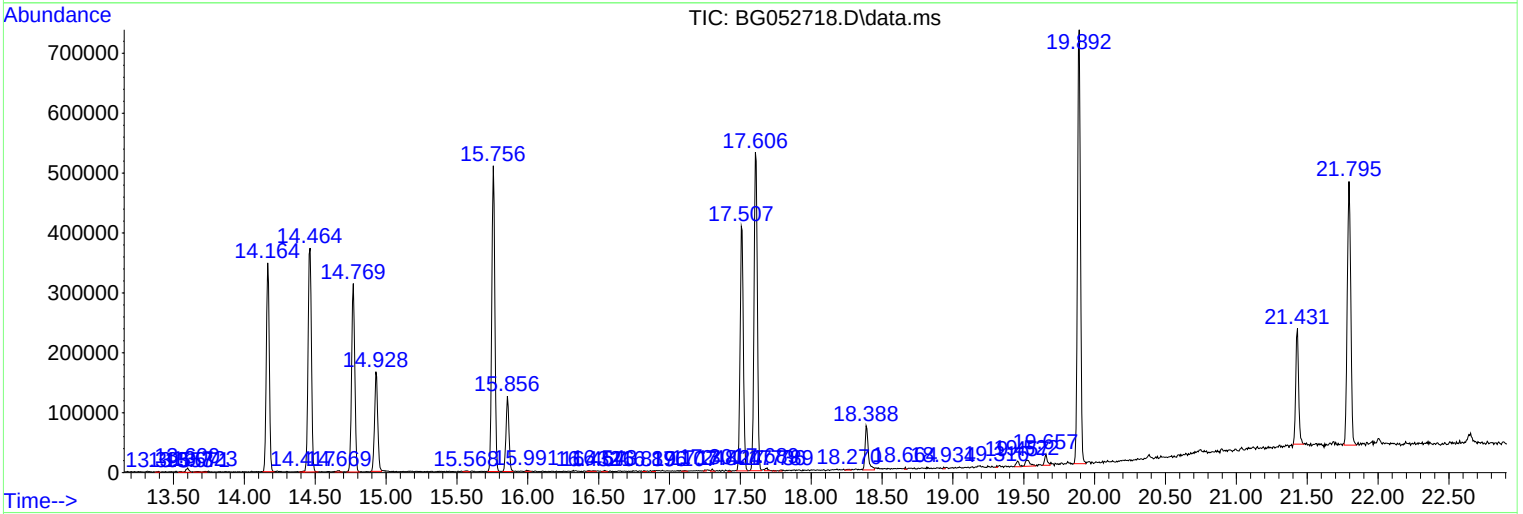
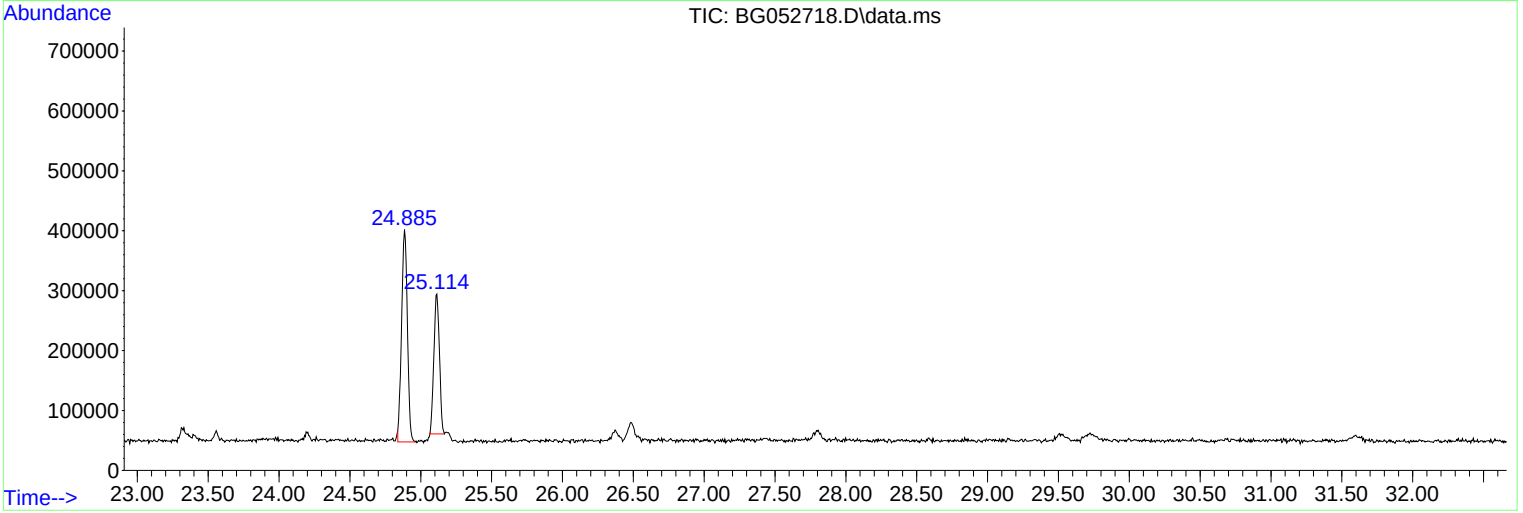
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

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







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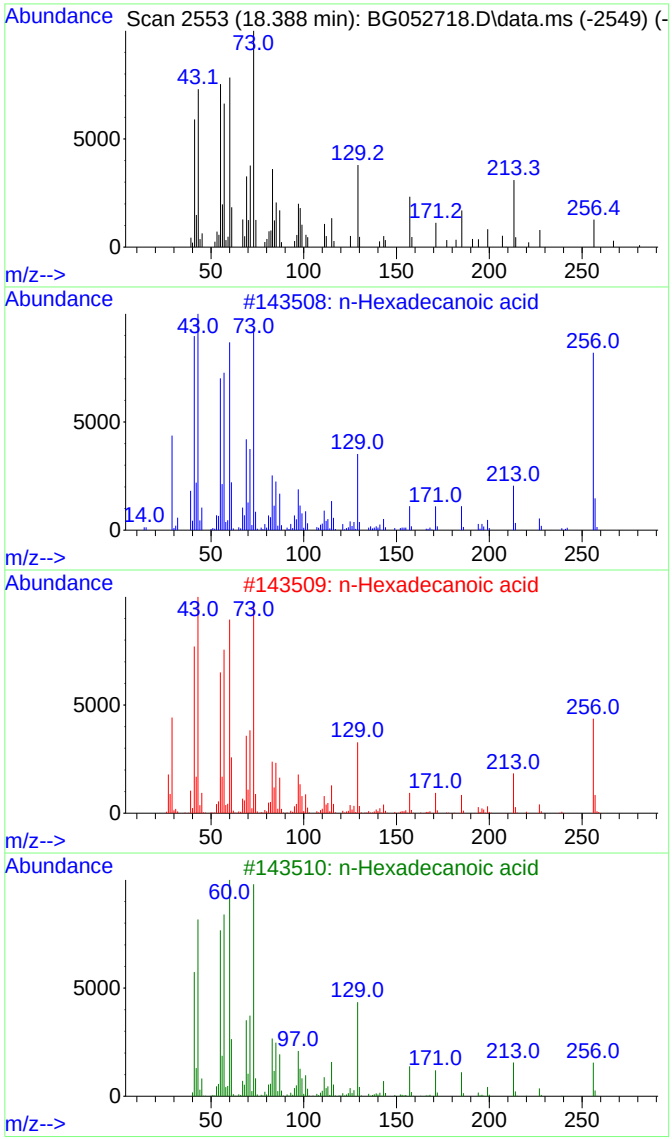
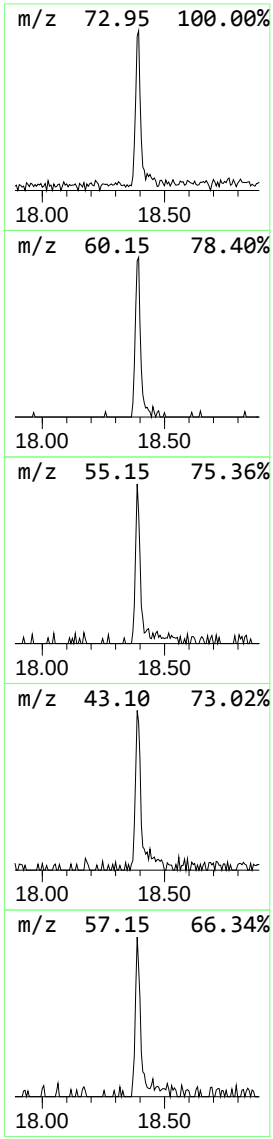
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.388	3.52 ng/ul	112882	Phenanthrene-d10	17.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Instrument :
BNA_G
ClientSampleId :
DBRX5

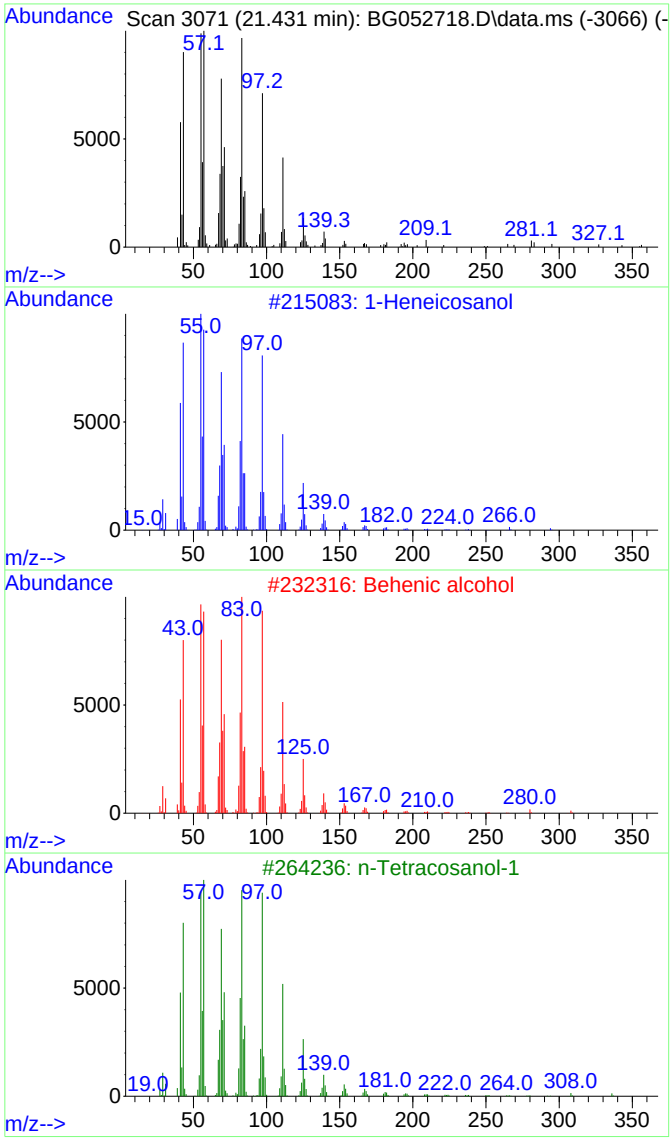
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

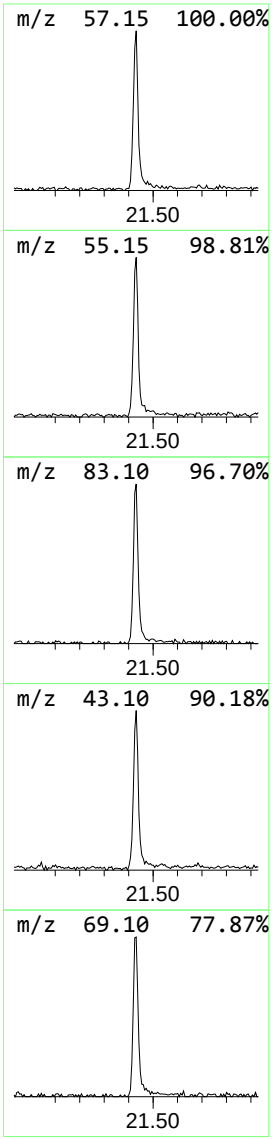
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.431	7.26 ng/ul	268897	Chrysene-d12	21.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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 ...	18.388	3.5	ng/ul	112882	4	17.512	642003	20.0
1-Heneicosanol	21.431	7.3	ng/ul	268897	5	21.795	740553	20.0