

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
 Data File : BG050300.D
 Acq On : 29 Sep 2021 1:07
 Operator : CG/JU
 Sample : M3755-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ3

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-BG092521.M
 Title : SVOA CALIBRATION

Signal : TIC: BG050300.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.652	25	28	39	rVB4	6486	14347	1.38%	0.157%
2	4.087	97	102	113	rBV	67444	129262	12.45%	1.418%
3	4.263	129	132	135	rBV3	1470	1460	0.14%	0.016%
4	4.322	136	142	148	rVB2	8051	13787	1.33%	0.151%
5	4.422	155	159	166	rVB4	3051	5295	0.51%	0.058%
6	4.634	190	195	201	rVB3	11108	16904	1.63%	0.185%
7	4.804	222	224	228	rVB2	1786	1503	0.14%	0.016%
8	5.051	259	266	269	rBV4	6752	11559	1.11%	0.127%
9	5.350	313	317	323	rVB3	4015	6655	0.64%	0.073%
10	5.456	330	335	336	rBV2	1689	1998	0.19%	0.022%
11	6.267	467	473	476	rBV4	1527	3302	0.32%	0.036%
12	6.384	489	493	495	rBV2	874	1451	0.14%	0.016%
13	6.708	545	548	550	rBV	1405	1361	0.13%	0.015%
14	7.260	637	642	645	rBV2	1260	2109	0.20%	0.023%
15	7.413	662	668	677	rVB	132154	236514	22.78%	2.595%
16	7.601	693	700	709	rVB	94014	164788	15.87%	1.808%
17	7.806	726	735	744	rVB	122329	219462	21.14%	2.408%
18	7.889	744	749	753	rBV3	2437	4066	0.39%	0.045%
19	8.100	783	785	789	rVB2	1847	1687	0.16%	0.019%
20	8.282	806	816	825	rBV	110867	200631	19.33%	2.201%
21	8.823	903	908	912	rBV3	1061	1866	0.18%	0.020%
22	8.970	927	933	939	rBV	148408	259518	25.00%	2.848%
23	9.028	939	943	950	rVB2	12566	20007	1.93%	0.220%
24	9.117	950	958	962	rBV2	4046	7405	0.71%	0.081%
25	9.451	1007	1015	1024	rBV2	114873	212316	20.45%	2.330%
26	10.180	1131	1139	1146	rBV	88476	158647	15.28%	1.741%
27	10.303	1155	1160	1163	rVB3	821	1245	0.12%	0.014%
28	10.715	1223	1230	1240	rVB	156097	276029	26.59%	3.029%
29	10.862	1248	1255	1266	rBV	30688	52492	5.06%	0.576%
30	11.108	1290	1297	1304	rBV	156698	277536	26.73%	3.045%
31	11.238	1312	1319	1328	rBV	132927	247441	23.83%	2.715%
32	11.855	1421	1424	1426	rBV2	2180	2086	0.20%	0.023%
33	11.890	1429	1430	1435	rVB2	1342	1352	0.13%	0.015%
34	12.160	1474	1476	1479	rBV2	1139	1331	0.13%	0.015%
35	12.671	1560	1563	1568	rVB3	3044	4278	0.41%	0.047%
36	12.748	1573	1576	1580	rVB3	2419	3267	0.31%	0.036%

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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

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-BG092521.M
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37	12.971	1609	1614	1617	rVB4	2507	3887	0.37%	0.043%
38	13.265	1661	1664	1666	rBV	1100	1259	0.12%	0.014%
39	13.500	1702	1704	1708	rVB2	1359	1481	0.14%	0.016%
40	13.705	1735	1739	1741	rBV3	1637	2107	0.20%	0.023%

41	13.776	1746	1751	1756	rVB3	9462	15152	1.46%	0.166%
42	14.222	1822	1827	1829	rBV2	2249	2983	0.29%	0.033%
43	14.293	1833	1839	1846	rVV	277284	418294	40.29%	4.590%
44	14.357	1848	1850	1854	rVB2	1475	1575	0.15%	0.017%
45	14.598	1884	1891	1897	rBV	302465	505523	48.69%	5.547%

46	14.692	1903	1907	1911	rVB2	1806	2385	0.23%	0.026%
47	14.898	1935	1942	1949	rVB	245536	389745	37.54%	4.277%
48	14.963	1949	1953	1958	rBV	6872	9493	0.91%	0.104%
49	15.057	1961	1969	1978	rBV	110081	181314	17.46%	1.990%
50	15.292	2003	2009	2015	rBV7	6882	12242	1.18%	0.134%

51	15.468	2036	2039	2043	rBV3	1452	1471	0.14%	0.016%
52	15.721	2080	2082	2088	rVB3	2656	2322	0.22%	0.025%
53	15.885	2104	2110	2116	rBV	424236	642262	61.86%	7.047%
54	15.938	2116	2119	2122	rVV4	5886	8428	0.81%	0.092%
55	15.985	2122	2127	2134	rVB	89035	132582	12.77%	1.455%

56	16.114	2145	2149	2154	rBV5	3672	6093	0.59%	0.067%
57	16.226	2166	2168	2172	rVB3	2621	3115	0.30%	0.034%
58	16.379	2191	2194	2196	rBV2	1438	1773	0.17%	0.019%
59	16.573	2221	2227	2229	rBV5	3548	4376	0.42%	0.048%
60	16.667	2240	2243	2246	rBV4	1723	2098	0.20%	0.023%

61	16.714	2248	2251	2253	rBV2	1797	1493	0.14%	0.016%
62	16.813	2267	2268	2270	rBV	2118	1526	0.15%	0.017%
63	16.866	2274	2277	2278	rBV2	1212	1251	0.12%	0.014%
64	17.007	2299	2301	2303	rBV2	2747	2740	0.26%	0.030%
65	17.195	2332	2333	2335	rBV	1835	1320	0.13%	0.014%

66	17.289	2346	2349	2356	rBV5	1935	3848	0.37%	0.042%
67	17.430	2370	2373	2374	rBV2	3231	2457	0.24%	0.027%
68	17.460	2376	2378	2380	rVB2	2558	1949	0.19%	0.021%
69	17.577	2395	2398	2401	rVB4	2322	2734	0.26%	0.030%
70	17.642	2403	2409	2413	rVV	310163	476386	45.89%	5.227%

71	17.683	2413	2416	2420	rVV	57458	88112	8.49%	0.967%
72	17.742	2420	2426	2435	rVB	434056	679857	65.49%	7.460%
73	18.030	2473	2475	2477	rBV3	3352	3883	0.37%	0.043%
74	18.159	2495	2497	2502	rVB4	2706	3545	0.34%	0.039%
75	18.218	2505	2507	2508	rVB2	3430	1887	0.18%	0.021%

76	18.241	2508	2511	2512	rBV2	2241	2198	0.21%	0.024%
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 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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 Peak separation: 5

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 Title : SVOA CALIBRATION

77	18.259	2512	2514	2515	rVB2	2908	1287	0.12%	0.014%
78	18.288	2515	2519	2525	rBV3	14200	18041	1.74%	0.198%
79	18.382	2533	2535	2536	rBV	3409	2219	0.21%	0.024%
80	18.506	2551	2556	2561	rBV3	78437	114061	10.99%	1.252%
81	18.558	2563	2565	2574	rVB3	11381	19762	1.90%	0.217%
82	18.705	2587	2590	2595	rBV3	10812	18533	1.79%	0.203%
83	19.005	2639	2641	2645	rVB2	9345	8167	0.79%	0.090%
84	19.410	2706	2710	2713	rBV5	21014	32303	3.11%	0.354%
85	19.446	2713	2716	2720	rVB4	34260	40367	3.89%	0.443%
86	19.575	2735	2738	2743	rVB6	15346	21308	2.05%	0.234%
87	19.681	2751	2756	2763	rVB	127928	188642	18.17%	2.070%
88	19.763	2766	2770	2776	rBV3	39779	58084	5.59%	0.637%
89	20.016	2806	2813	2823	rBV2	619237	1038182	100.00%	11.392%
90	21.813	3117	3119	3125	rVB	75182	95200	9.17%	1.045%
91	21.949	3135	3142	3148	rBV	293465	572997	55.19%	6.287%
92	25.151	3680	3687	3697	rVB2	252574	692211	66.68%	7.595%

Sum of corrected areas: 9113467

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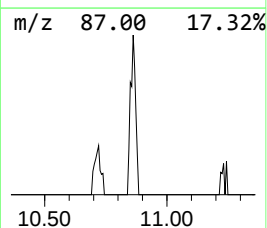
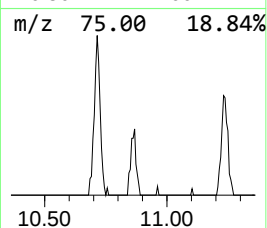
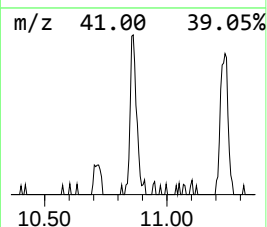
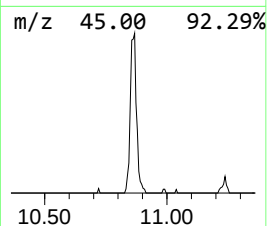
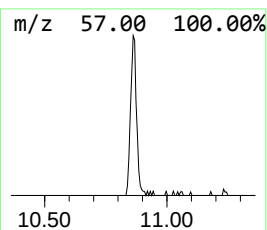
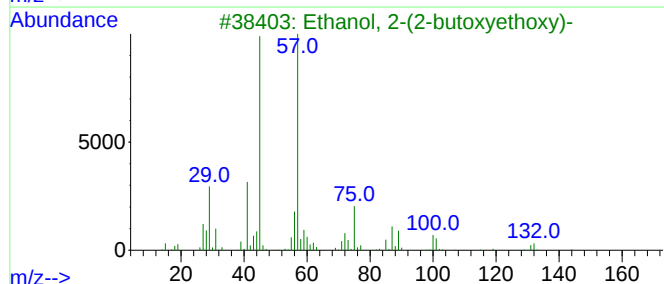
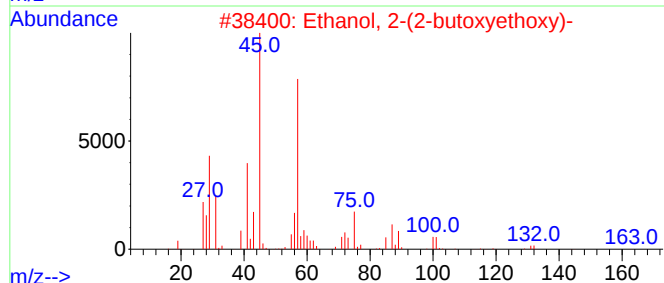
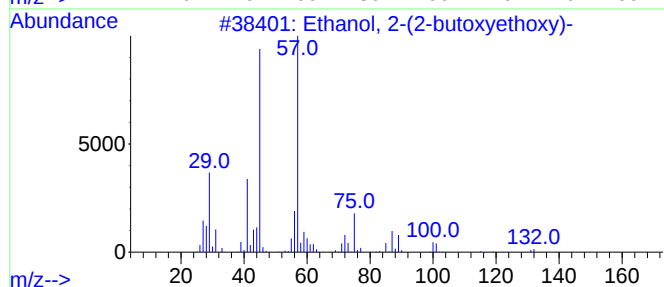
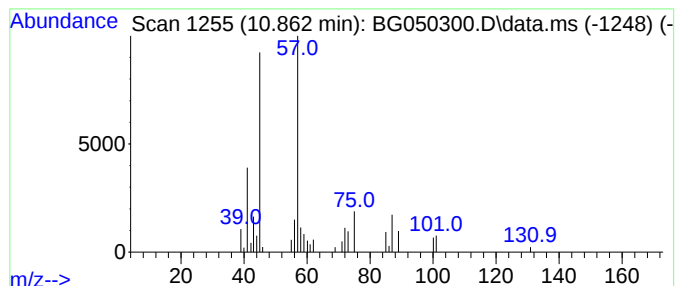
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.862	3.78 ng/ul	52492	Naphthalene-d8	11.108

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56
5			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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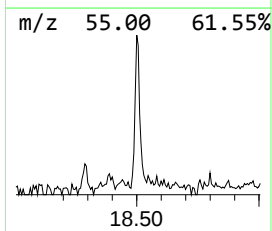
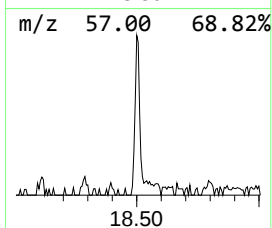
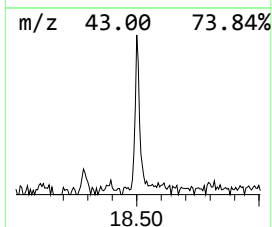
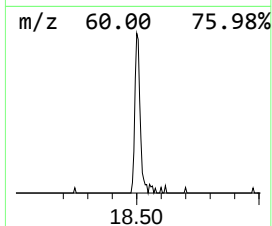
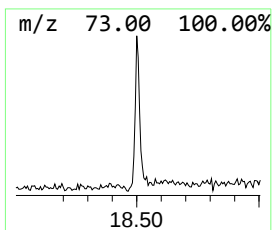
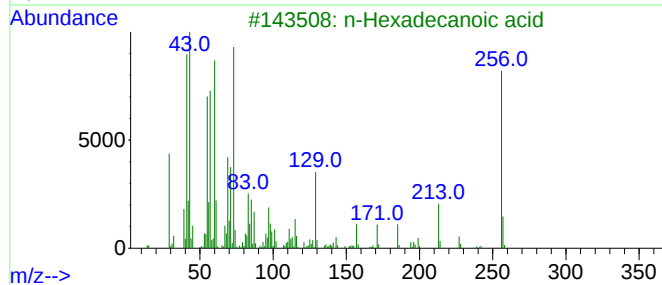
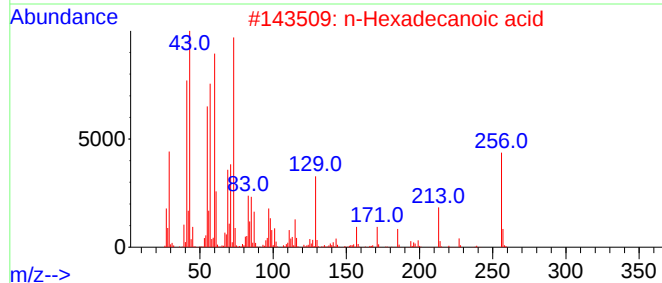
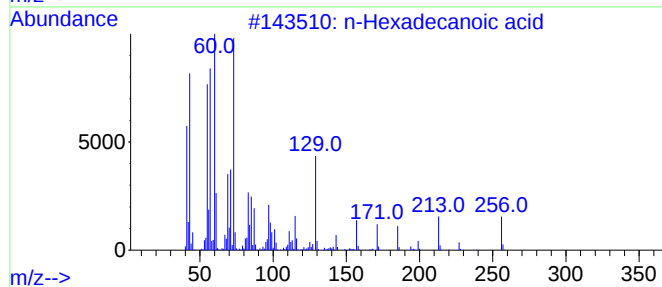
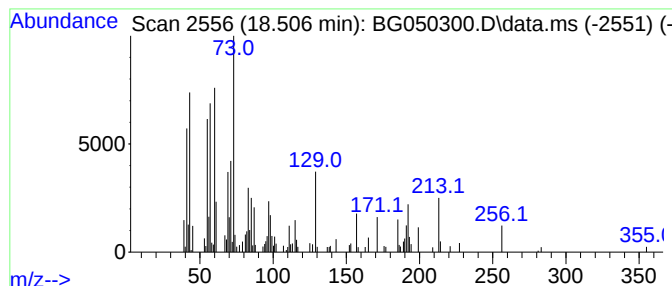
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.506	4.79 ng/ul	114061	Phenanthrene-d10	17.642

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



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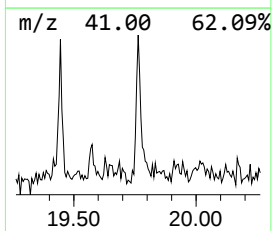
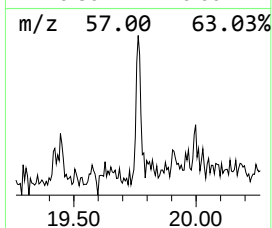
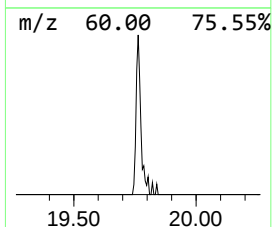
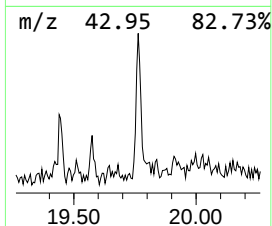
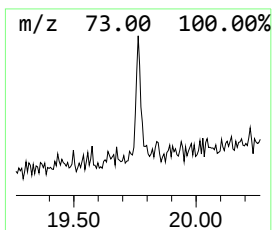
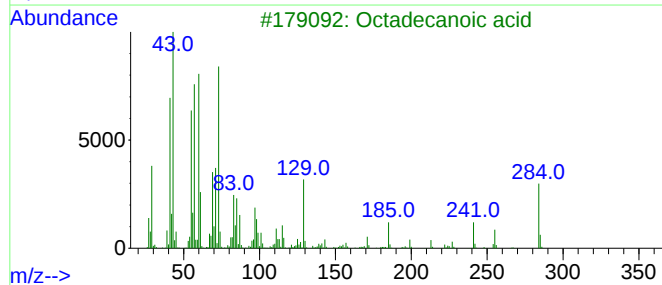
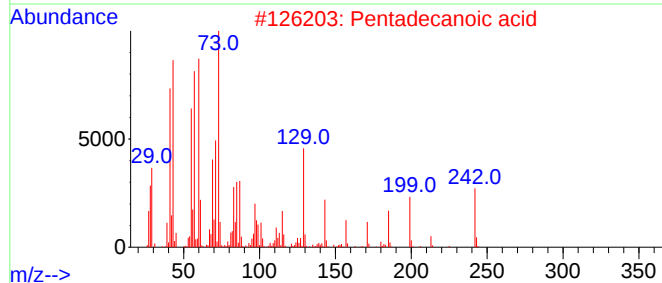
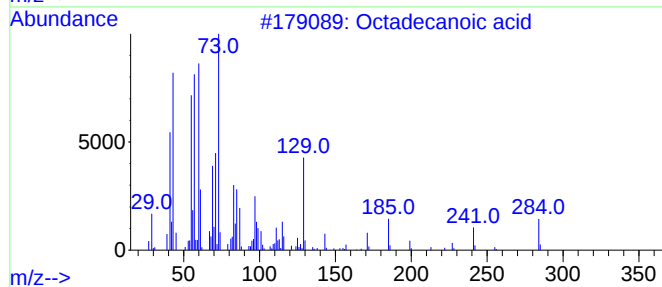
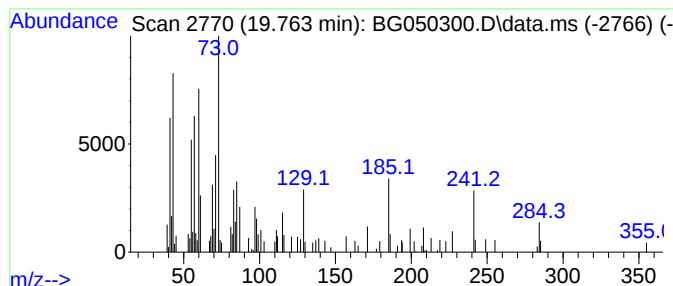
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.763	2.44 ng/ul	58084	Phenanthrene-d10	17.642

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Octadecanoic acid	284	C18H36O2	000057-11-4	70
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.862	3.8	ng/ul	52492	2	11.108	277536	20.0
n-Hexadecanoic ...	18.506	4.8	ng/ul	114061	4	17.642	476386	20.0
Octadecanoic acid	19.763	2.4	ng/ul	58084	4	17.642	476386	20.0