LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013745.D
Acq On : 03 Feb 2023 17:48
Operator : CG/JU
Sample : 01381-06
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A44N0

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-BP020123.M
Title : SVOA CALIBRATION

Signal : TIC: BP013745.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.440	39	43	59	rVB2	216445	441142	3.90%	0.541%
2	3.776	94	100	106	rBV9	6866	15097	0.13%	0.019%
3	3.917	121	124	138	rBV	175077	317569	2.80%	0.389%
4	4.140	158	162	175	rVB2	17371	32222	0.28%	0.040%
5	4.246	177	180	188	rBV3	12726	20223	0.18%	0.025%
6	5.199	338	342	348	rVB2	11729	19086	0.17%	0.023%
7	5.405	372	377	384	rBV2	75539	123052	1.09%	0.151%
8	5.640	411	417	424	rBV5	7411	20194	0.18%	0.025%
9	7.275	687	695	707	rBV	184967	307080	2.71%	0.377%
10	7.446	716	724	735	rBV	758105	1247363	11.01%	1.529%
11	7.658	752	760	771	rBV	697859	1143349	10.10%	1.402%
12	7.746	772	775	784	rVB	8095	17495	0.15%	0.021%
13	8.016	815	821	827	rBV3	13484	23367	0.21%	0.029%
14	8.134	831	841	854	rBV	718266	1268521	11.20%	1.555%
15	8.487	893	901	911	rBV	171477	300007	2.65%	0.368%
16	8.687	930	935	942	rBV4	10446	20032	0.18%	0.025%
17	8.834	953	960	973	rBV	628007	1015320	8.97%	1.245%
18	8.940	973	978	985	rVV5	14011	38610	0.34%	0.047%
19	9.040	989	995	1003	rVV9	14734	32173	0.28%	0.039%
20	9.240	1024	1029	1033	rBV5	8203	12955	0.11%	0.016%
21	9.305	1033	1040	1045	rVV	836855	1399016	12.35%	1.715%
22	9.346	1045	1047	1052	rVV	78948	113317	1.00%	0.139%
23	9.405	1052	1057	1062	rVV	42823	77155	0.68%	0.095%
24	9.458	1062	1066	1074	rVB	6884	15340	0.14%	0.019%
25	9.705	1103	1108	1114	rVB2	18666	29343	0.26%	0.036%
26	9.787	1117	1122	1133	rBV6	15510	36931	0.33%	0.045%
27	10.028	1156	1163	1172	rBV	653738	1097883	9.69%	1.346%
28	10.569	1248	1255	1265	rBV	1261946	2103987	18.58%	2.580%
29	10.816	1291	1297	1304	rBV2	51022	85855	0.76%	0.105%
30	10.957	1313	1321	1331	rBV	1131055	1910113	16.87%	2.342%
31	11.093	1337	1344	1357	rBV	679457	1252780	11.06%	1.536%
32	11.346	1382	1387	1394	rVB5	11662	22294	0.20%	0.027%
33	11.616	1427	1433	1439	rBV	22079	39159	0.35%	0.048%
34	11.728	1447	1452	1463	rBV3	25259	51346	0.45%	0.063%
35	12.352	1552	1558	1564	rVB9	5492	11423	0.10%	0.014%
36	12.469	1572	1578	1584	rVV	36379	60769	0.54%	0.075%

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Title : SVOA CALIBRATION

37	12.534	1584	1589	1595	rVB3	24091	40736	0.36%	0.050%
38	12.722	1614	1621	1623	rBV6	8296	17527	0.15%	0.021%
39	13.199	1696	1702	1707	rBV10	5912	12763	0.11%	0.016%
40	13.257	1707	1712	1715	rVV6	6514	11696	0.10%	0.014%
41	13.293	1715	1718	1726	rVV10	7292	17429	0.15%	0.021%
42	13.369	1729	1731	1739	rVB9	5872	14350	0.13%	0.018%
43	13.581	1760	1767	1771	rBV3	12954	22246	0.20%	0.027%
44	13.651	1774	1779	1784	rVB2	27295	43928	0.39%	0.054%
45	14.169	1860	1867	1883	rBV	2854847	3915501	34.57%	4.801%
46	14.287	1883	1887	1892	rVB8	11782	18944	0.17%	0.023%
47	14.463	1910	1917	1928	rBV	3029887	4433007	39.14%	5.435%
48	14.769	1962	1969	1981	rBV	2022264	3007264	26.55%	3.687%
49	14.951	1994	2000	2011	rBV	118097	240751	2.13%	0.295%
50	15.110	2023	2027	2032	rBV6	9003	18234	0.16%	0.022%
51	15.163	2032	2036	2042	rVB9	13455	24673	0.22%	0.030%
52	15.757	2130	2137	2149	rBV	4565739	6355703	56.12%	7.793%
53	15.863	2149	2155	2168	rVB	907527	1294638	11.43%	1.587%
54	15.998	2174	2178	2184	rVB2	20551	33966	0.30%	0.042%
55	16.122	2195	2199	2210	rVB	36009	61533	0.54%	0.075%
56	16.451	2250	2255	2260	rBV	34949	62058	0.55%	0.076%
57	16.892	2327	2330	2337	rVB8	15893	20069	0.18%	0.025%
58	17.257	2389	2392	2397	rBV6	9507	13465	0.12%	0.017%
59	17.392	2411	2415	2418	rBV3	25435	36700	0.32%	0.045%
60	17.522	2430	2437	2442	rBV	2786854	4120481	36.38%	5.052%
61	17.563	2442	2444	2447	rVV	71584	84229	0.74%	0.103%
62	17.622	2447	2454	2462	rVV	5032368	7326707	64.70%	8.983%
63	17.692	2463	2466	2475	rVB5	50610	90111	0.80%	0.110%
64	18.104	2530	2536	2541	rBV3	41207	86361	0.76%	0.106%
65	18.228	2554	2557	2564	rBV3	26151	44427	0.39%	0.054%
66	18.375	2575	2582	2588	rBV	364136	527643	4.66%	0.647%
67	18.557	2610	2613	2618	rBV6	26870	34333	0.30%	0.042%
68	18.657	2627	2630	2633	rBV5	19550	23836	0.21%	0.029%
69	18.834	2657	2660	2661	rBV3	18265	18741	0.17%	0.023%
70	18.998	2686	2688	2694	rBV6	19274	25155	0.22%	0.031%
71	19.410	2755	2758	2762	rVB2	75817	103919	0.92%	0.127%
72	19.481	2766	2770	2772	rVV	96145	133298	1.18%	0.163%
73	19.510	2772	2775	2782	rVB	304047	381321	3.37%	0.468%
74	19.598	2786	2790	2798	rBV2	219700	311111	2.75%	0.381%
75	19.839	2825	2831	2842	rBV	7506688	10328883	91.21%	12.664%
76	21.269	3070	3074	3081	rBV3	447844	638553	5.64%	0.783%

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77	21.598	3125	3130	3135	rBV	4050305	5420382	47.86%	6.646%
78	22.904	3349	3352	3358	rVB	357438	499084	4.41%	0.612%
79	24.004	3531	3539	3557	rVB2	5227354	11324813	100.00%	13.885%
80	24.169	3560	3567	3577	rVB2	2578319	5598531	49.44%	6.864%

Sum of corrected areas: 81560668

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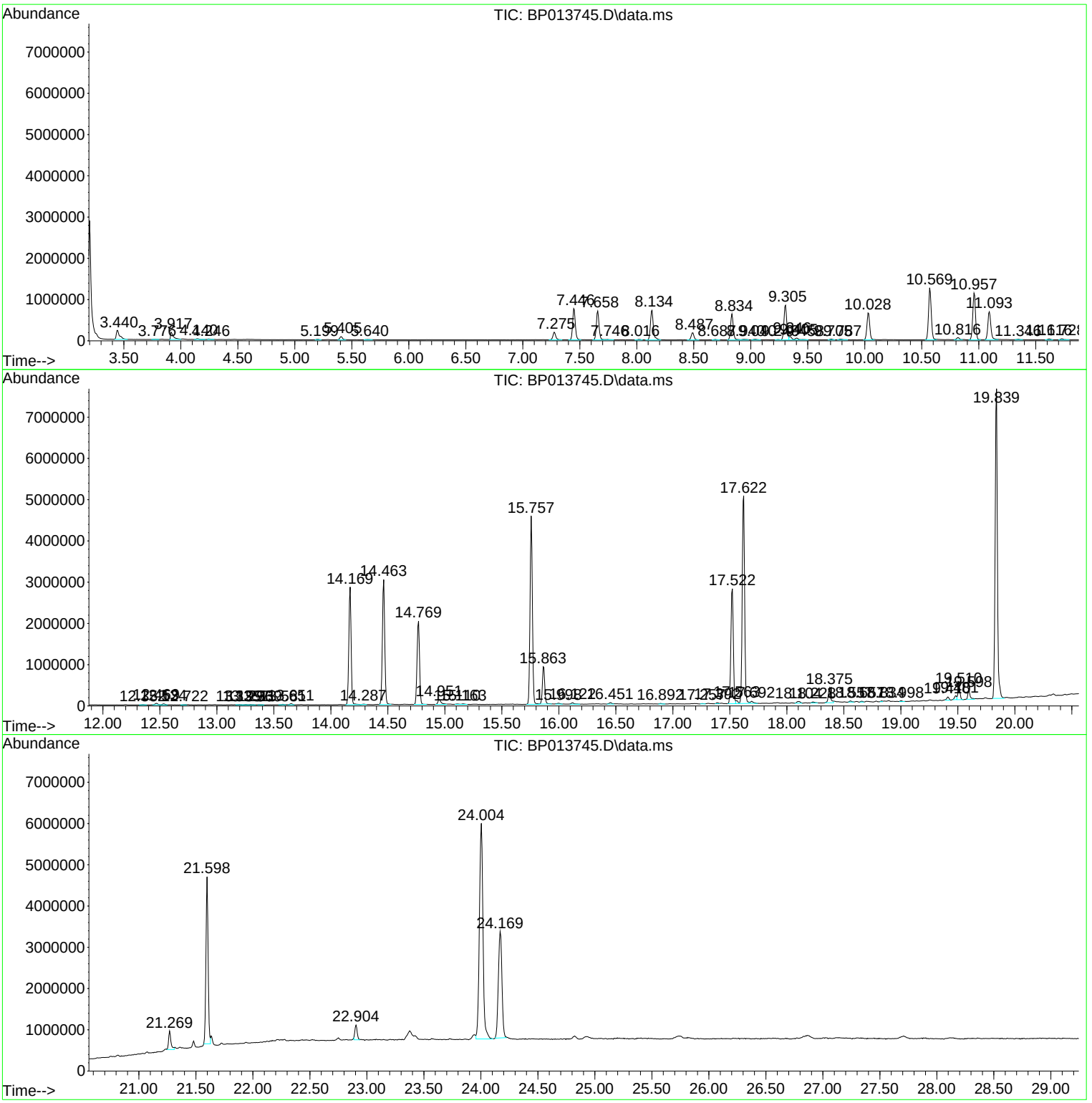
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

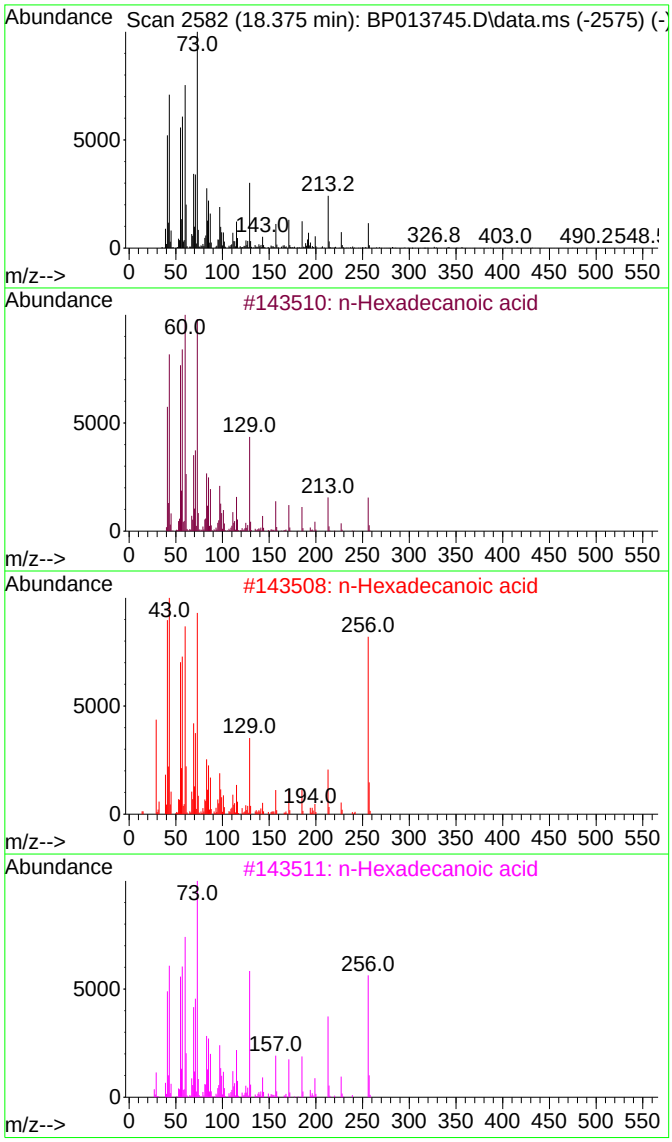
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

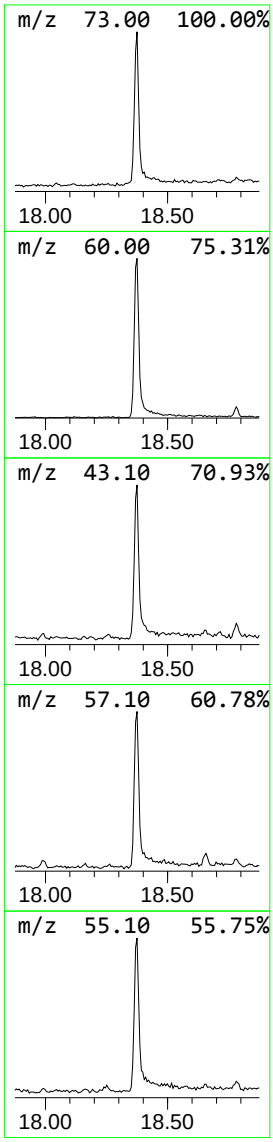
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	2.56 ng/ul	527643	Phenanthrene-d10	17.522

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	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	92





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Instrument :
BNA_P
ClientSampleId :
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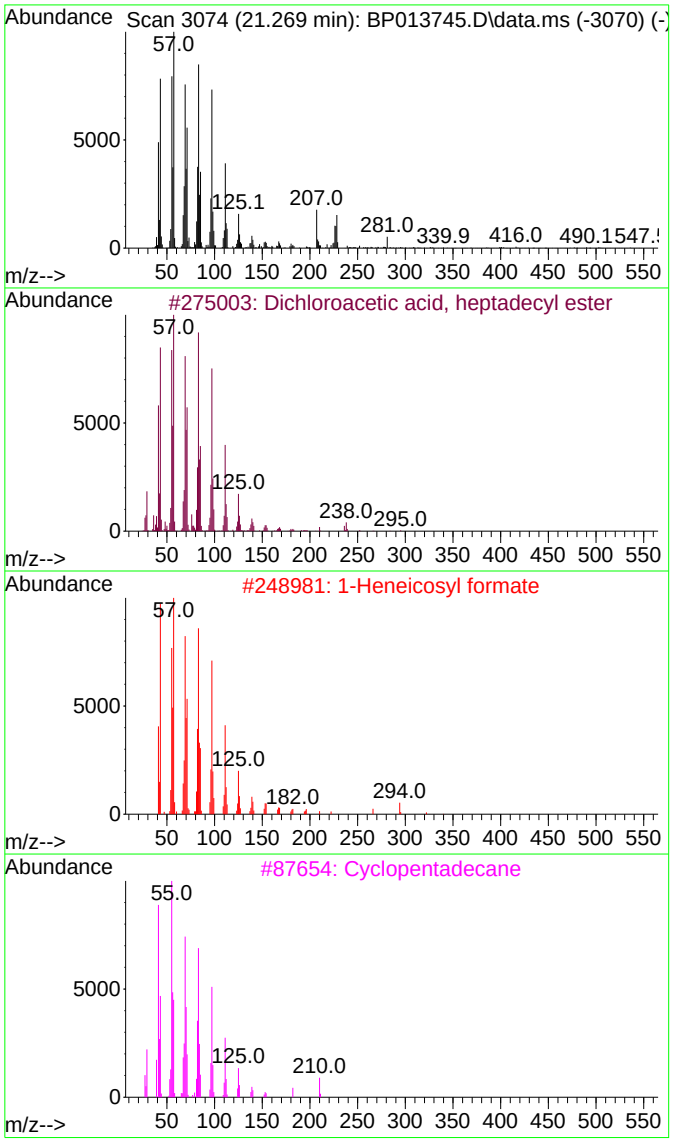
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

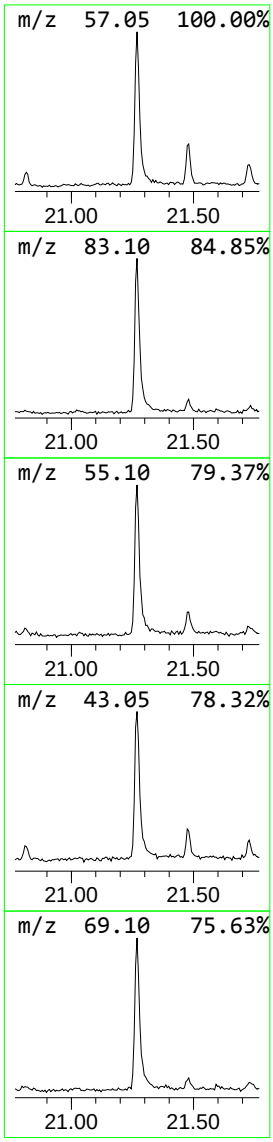
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.269	2.36 ng/ul	638553	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Cyclopentadecane	210	C15H30	000295-48-7	94
4	Cyclohexadecane	224	C16H32	000295-65-8	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





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 ...	18.375	2.6	ng/ul	527643	4	17.522	4120480	20.0
Dichloroacetic ...	21.269	2.4	ng/ul	638553	5	21.598	5420380	20.0