

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050346.D
 Acq On : 1 Oct 2021 6:50
 Operator : CG/JU
 Sample : M3873-26
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7Y0

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-BG093021.M
 Title : SVOA CALIBRATION

Signal : TIC: BG050346.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.607	15	20	29	rVB2	63271	126271	9.16%	0.967%
2	3.737	40	42	44	rBV2	2295	1843	0.13%	0.014%
3	3.925	72	74	79	rVB5	2508	3128	0.23%	0.024%
4	4.066	94	98	111	rVB	37489	70379	5.10%	0.539%
5	4.301	133	138	142	rVB4	4872	8198	0.59%	0.063%
6	4.401	152	155	161	rBV3	4437	5802	0.42%	0.044%
7	4.771	214	218	221	rBV6	1300	1707	0.12%	0.013%
8	5.347	312	316	319	rVB4	2096	2443	0.18%	0.019%
9	7.203	627	632	636	rBV5	3656	6373	0.46%	0.049%
10	7.397	659	665	674	rVB	38585	73710	5.34%	0.565%
11	7.585	688	697	705	rBV	119402	208437	15.11%	1.597%
12	7.791	725	732	741	rBV	114413	206163	14.95%	1.580%
13	8.273	807	814	821	rBV	134716	236991	17.18%	1.816%
14	8.790	901	902	908	rVB3	1533	1748	0.13%	0.013%
15	8.954	923	930	940	rVV	101031	173823	12.60%	1.332%
16	9.442	1005	1013	1019	rBV	151008	273521	19.83%	2.096%
17	9.830	1072	1079	1080	rBV2	1963	2361	0.17%	0.018%
18	10.164	1127	1136	1144	rBV2	110153	202441	14.68%	1.551%
19	10.353	1163	1168	1175	rVB7	3196	6682	0.48%	0.051%
20	10.699	1220	1227	1236	rBV	173077	311610	22.59%	2.387%
21	10.846	1246	1252	1262	rVB3	16853	28857	2.09%	0.221%
22	10.981	1272	1275	1281	rBV4	1228	2828	0.21%	0.022%
23	11.093	1287	1294	1301	rBV	185894	347243	25.18%	2.660%
24	11.222	1308	1316	1325	rBV	159917	305069	22.12%	2.337%
25	11.839	1414	1421	1425	rBV3	6172	9129	0.66%	0.070%
26	12.321	1497	1503	1506	rBV2	989	1922	0.14%	0.015%
27	12.662	1557	1561	1566	rBV4	3954	5919	0.43%	0.045%
28	13.137	1640	1642	1650	rVB3	1334	1810	0.13%	0.014%
29	13.255	1658	1662	1666	rVB4	1298	1970	0.14%	0.015%
30	13.496	1697	1703	1706	rVV4	1829	2908	0.21%	0.022%
31	13.719	1738	1741	1743	rVV3	2102	2685	0.19%	0.021%
32	13.760	1746	1748	1755	rVB3	1615	2970	0.22%	0.023%
33	14.283	1830	1837	1843	rBV	408780	593914	43.06%	4.550%
34	14.501	1871	1874	1881	rVB7	3309	5361	0.39%	0.041%
35	14.583	1881	1888	1895	rBV	430378	680347	49.33%	5.213%
36	14.753	1915	1917	1924	rVB5	1759	2649	0.19%	0.020%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Title : SVOA CALIBRATION

37	14.888	1931	1940	1946	rVV	317370	514651	37.31%	3.943%
38	15.047	1960	1967	1974	rBV	51432	83071	6.02%	0.636%
39	15.259	1999	2003	2010	rBV4	6620	10077	0.73%	0.077%
40	15.605	2059	2062	2066	rVB3	4649	6113	0.44%	0.047%
41	15.682	2068	2075	2082	rVB2	12683	23146	1.68%	0.177%
42	15.875	2100	2108	2115	rVB	595355	925294	67.09%	7.089%
43	15.975	2119	2125	2133	rBV	195343	291561	21.14%	2.234%
44	16.075	2138	2142	2144	rBV3	2231	3715	0.27%	0.028%
45	16.116	2144	2149	2154	rVB4	7042	9471	0.69%	0.073%
46	16.199	2162	2163	2168	rVB2	2107	1709	0.12%	0.013%
47	16.257	2170	2173	2176	rBV3	2152	2143	0.16%	0.016%
48	16.328	2182	2185	2189	rVB4	2526	3074	0.22%	0.024%
49	16.392	2192	2196	2199	rBV5	1481	2214	0.16%	0.017%
50	16.439	2201	2204	2205	rBV	1439	1862	0.14%	0.014%
51	16.498	2211	2214	2219	rVB4	3467	4956	0.36%	0.038%
52	16.551	2219	2223	2224	rBV2	1764	2094	0.15%	0.016%
53	16.592	2224	2230	2236	rVV5	8588	15217	1.10%	0.117%
54	16.663	2238	2242	2245	rVB3	2511	4086	0.30%	0.031%
55	16.751	2255	2257	2261	rVB4	2187	2104	0.15%	0.016%
56	16.821	2267	2269	2272	rBV3	1634	2280	0.17%	0.017%
57	16.921	2281	2286	2288	rBV3	1986	3685	0.27%	0.028%
58	16.974	2292	2295	2301	rBV6	1885	4077	0.30%	0.031%
59	17.074	2307	2312	2314	rBV4	2075	2413	0.17%	0.018%
60	17.303	2348	2351	2354	rVB5	5051	5705	0.41%	0.044%
61	17.362	2357	2361	2363	rVV3	2883	3383	0.25%	0.026%
62	17.415	2366	2370	2374	rVV5	7975	13090	0.95%	0.100%
63	17.444	2374	2375	2381	rVB6	1783	2473	0.18%	0.019%
64	17.632	2400	2407	2413	rVV	448038	701427	50.86%	5.374%
65	17.732	2417	2424	2431	rVB	691001	1114195	80.78%	8.537%
66	17.891	2449	2451	2456	rVB4	5010	6022	0.44%	0.046%
67	17.979	2460	2466	2471	rBV5	5482	10909	0.79%	0.084%
68	18.020	2471	2473	2477	rVB5	2738	3214	0.23%	0.025%
69	18.155	2494	2496	2497	rBV2	2648	1878	0.14%	0.014%
70	18.279	2513	2517	2523	rVB5	5589	9470	0.69%	0.073%
71	18.373	2528	2533	2536	rBV4	3761	5983	0.43%	0.046%
72	18.490	2548	2553	2561	rBV	129506	190453	13.81%	1.459%
73	18.543	2561	2562	2564	rVB2	3133	2321	0.17%	0.018%
74	18.690	2585	2587	2590	rVB4	3438	3092	0.22%	0.024%
75	18.784	2599	2603	2605	rBV5	4505	5439	0.39%	0.042%
76	18.895	2620	2622	2623	rBV2	2347	1938	0.14%	0.015%

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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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77	18.954	2631	2632	2636	rBV4	3034	3151	0.23%	0.024%
78	19.042	2644	2647	2648	rBV3	2604	2772	0.20%	0.021%
79	19.148	2661	2665	2669	rBV7	5455	8432	0.61%	0.065%
80	19.236	2678	2680	2684	rBV4	3798	4958	0.36%	0.038%
81	19.283	2685	2688	2690	rVV4	2070	2568	0.19%	0.020%
82	19.348	2697	2699	2701	rVB3	3742	2643	0.19%	0.020%
83	19.412	2704	2710	2715	rBV9	6957	14624	1.06%	0.112%
84	19.571	2733	2737	2739	rBV5	8897	11720	0.85%	0.090%
85	19.636	2745	2748	2752	rVB2	11670	16711	1.21%	0.128%
86	19.694	2756	2758	2761	rBV4	3798	3760	0.27%	0.029%
87	19.747	2763	2767	2776	rBV	88852	134936	9.78%	1.034%
88	19.853	2784	2785	2789	rBV4	3887	3463	0.25%	0.027%
89	20.000	2803	2810	2819	rBV	899131	1379245	100.00%	10.567%
90	20.100	2825	2827	2828	rBV2	3290	1834	0.13%	0.014%
91	20.118	2828	2830	2832	rVB2	6424	5284	0.38%	0.040%
92	20.276	2856	2857	2858	rBV	4396	1690	0.12%	0.013%
93	20.353	2868	2870	2872	rBV3	4239	4645	0.34%	0.036%
94	20.382	2872	2875	2879	rVV5	6396	9025	0.65%	0.069%
95	20.640	2916	2919	2923	rBV5	6270	9940	0.72%	0.076%
96	21.539	3068	3072	3080	rVB4	40000	61691	4.47%	0.473%
97	21.933	3132	3139	3146	rBV2	440882	750408	54.41%	5.749%
98	23.167	3342	3349	3357	rBV	361009	694664	50.37%	5.322%
99	25.123	3672	3682	3695	rVB2	430174	1228297	89.06%	9.411%
100	25.364	3713	3723	3735	rVB2	242490	776335	56.29%	5.948%

Sum of corrected areas: 13052013

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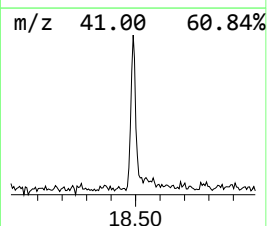
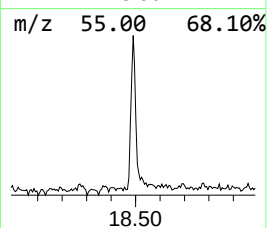
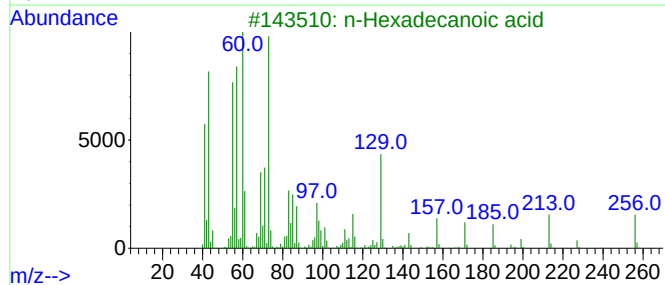
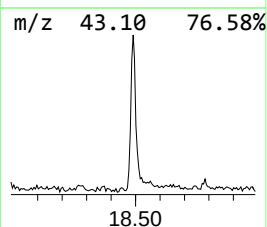
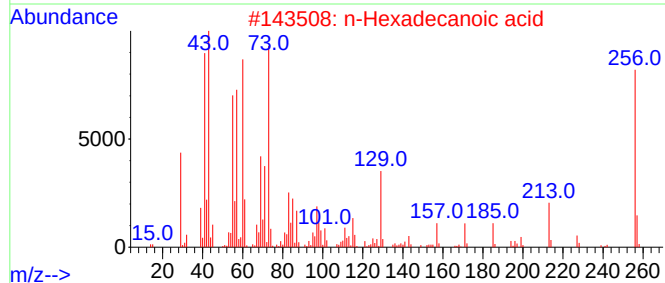
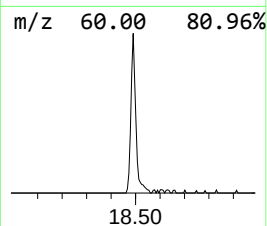
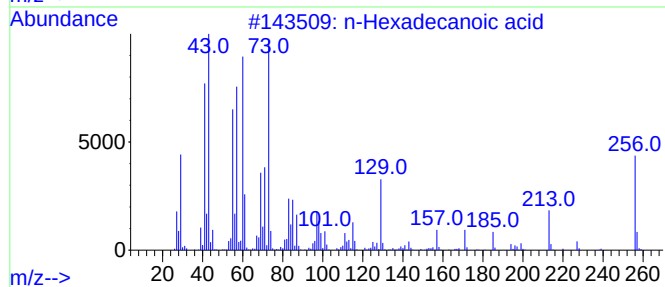
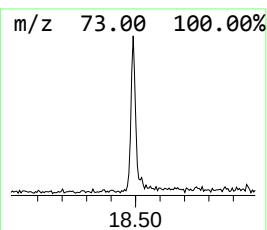
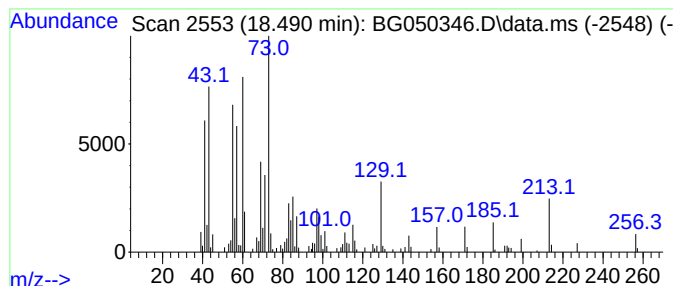
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.490	5.43 ng/ul	190453	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5			Tridecanoic acid	214	C13H26O2	000638-53-9	86



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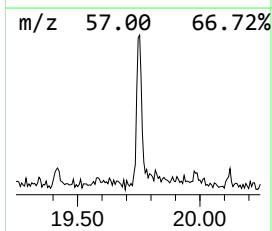
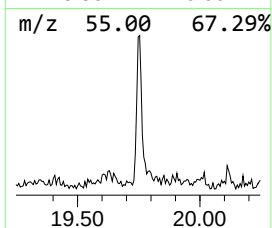
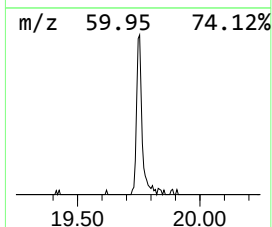
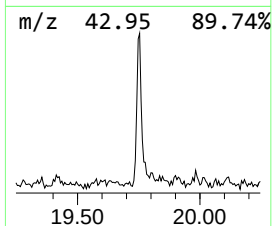
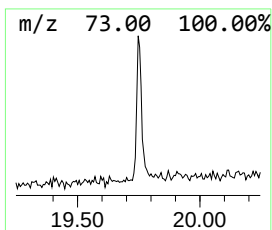
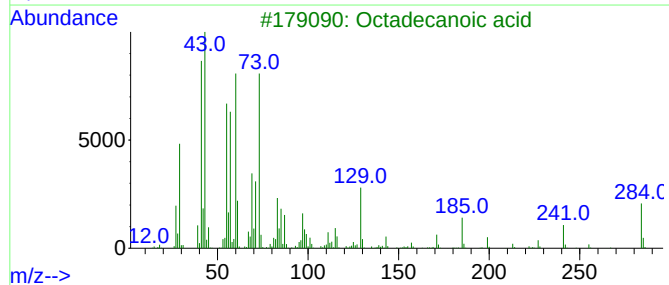
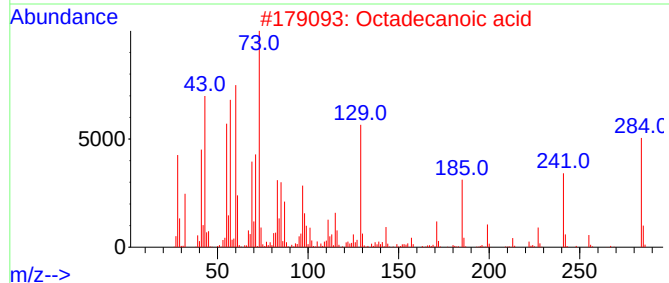
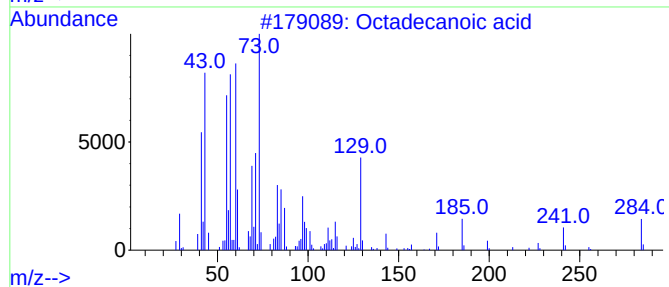
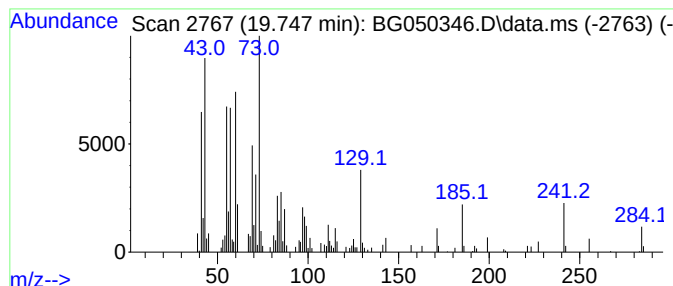
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.747	3.85 ng/ul	134936	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	99
5			Octadecanoic acid	284	C18H36O2	000057-11-4	98



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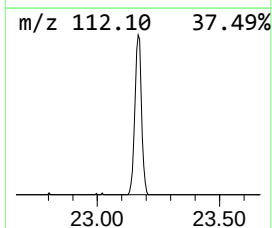
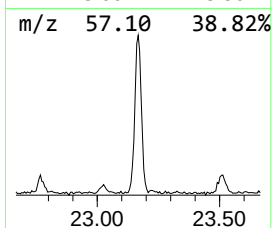
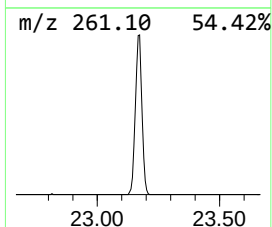
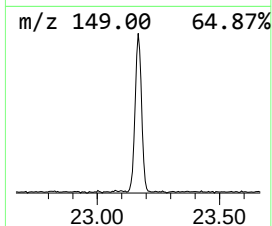
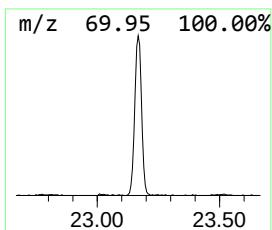
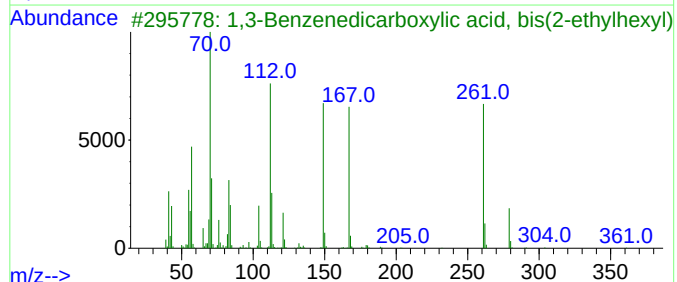
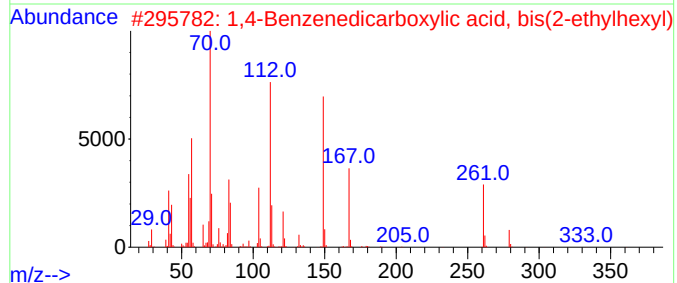
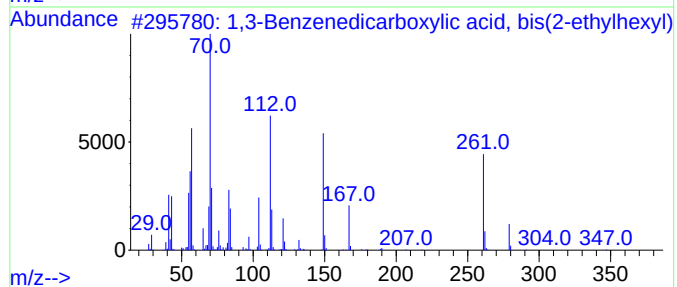
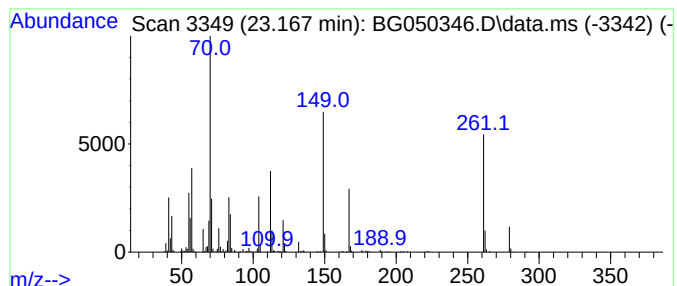
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,3-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.167	18.51 ng/ul	694664	Chrysene-d12	21.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	80
2			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	59
3			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
4			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47
5			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	47



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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
n-Hexadecanoic ...	18.490	5.4	ng/ul	190453	4	17.632	701427	20.0
Octadecanoic acid	19.747	3.9	ng/ul	134936	4	17.632	701427	20.0
1,3-Benzenedica...	23.167	18.5	ng/ul	694664	5	21.933	750408	20.0