

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023775.D
 Acq On : 19 Aug 2016 2:04
 Operator : UM/SJ
 Sample : H4492-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPS2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.467	103	107	110	rBV4	20471	25596	0.79%	0.073%
2	4.219	230	235	246	rBV	230937	423165	13.12%	1.209%
3	4.489	279	281	286	rBV6	5473	8357	0.26%	0.024%
4	4.601	297	300	302	rBV4	5060	4746	0.15%	0.014%
5	6.298	587	589	593	rVB2	4563	4654	0.14%	0.013%
6	6.345	593	597	600	rBV4	4090	6856	0.21%	0.020%
7	6.721	658	661	663	rBV2	3522	4503	0.14%	0.013%
8	7.250	743	751	764	rBV	416207	793237	24.59%	2.266%
9	7.409	772	778	789	rVB	362006	585467	18.15%	1.673%
10	7.620	806	814	824	rBV	392021	725861	22.50%	2.074%
11	8.020	878	882	887	rBV6	3994	8500	0.26%	0.024%
12	8.096	887	895	907	rVV	359191	649286	20.13%	1.855%
13	8.319	929	933	935	rBV4	3937	5174	0.16%	0.015%
14	8.813	1009	1017	1024	rBV	492732	915449	28.38%	2.615%
15	9.271	1088	1095	1104	rBV	411415	759357	23.54%	2.169%
16	9.388	1109	1115	1125	rBV4	28149	69419	2.15%	0.198%
17	9.529	1137	1139	1143	rBV2	4102	4273	0.13%	0.012%
18	9.647	1156	1159	1166	rVB4	5532	11034	0.34%	0.032%
19	9.999	1213	1219	1228	rBV	355580	660060	20.46%	1.886%
20	10.181	1246	1250	1252	rBV4	3537	4246	0.13%	0.012%
21	10.299	1267	1270	1272	rBV4	4981	4462	0.14%	0.013%
22	10.551	1307	1313	1326	rBV	482729	946014	29.33%	2.703%
23	10.687	1334	1336	1338	rVB3	4655	4307	0.13%	0.012%
24	10.869	1363	1367	1368	rBV3	3735	4250	0.13%	0.012%
25	10.927	1370	1377	1385	rBV	520779	933447	28.94%	2.667%
26	11.068	1393	1401	1416	rBV	482679	946172	29.33%	2.703%
27	11.509	1474	1476	1481	rVB4	3785	5371	0.17%	0.015%
28	11.750	1513	1517	1520	rBV3	5099	8818	0.27%	0.025%
29	12.190	1589	1592	1594	rBV2	3589	4627	0.14%	0.013%
30	12.396	1623	1627	1630	rBV	3503	4781	0.15%	0.014%
31	12.514	1643	1647	1653	rBV4	11809	22518	0.70%	0.064%
32	12.725	1678	1683	1684	rBV	3101	4666	0.14%	0.013%
33	13.119	1749	1750	1754	rVB3	5197	5065	0.16%	0.014%
34	13.166	1754	1758	1759	rVB3	3591	4628	0.14%	0.013%

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35	13.359	1784	1791	1794	rBV7	11509	20801	0.64%	0.059%
36	13.418	1796	1801	1805	rBV4	8397	16977	0.53%	0.048%
37	13.553	1821	1824	1831	rVB5	8289	12076	0.37%	0.034%
38	13.636	1831	1838	1844	rBV	35620	59037	1.83%	0.169%
39	14.164	1921	1928	1931	rBV	1064941	1616902	50.12%	4.619%
40	14.205	1931	1935	1943	rVB	1327743	1984054	61.51%	5.668%
41	14.340	1952	1958	1961	rBV4	6597	11498	0.36%	0.033%
42	14.458	1969	1978	1987	rBV	1048114	1739625	53.93%	4.970%
43	14.634	2002	2008	2015	rBV	36320	55873	1.73%	0.160%
44	14.699	2016	2019	2022	rVV4	3985	6544	0.20%	0.019%
45	14.769	2024	2031	2039	rVB2	834872	1381482	42.83%	3.947%
46	14.993	2063	2069	2081	rBV2	281526	683168	21.18%	1.952%
47	15.128	2090	2092	2096	rVB5	10578	11114	0.34%	0.032%
48	15.257	2108	2114	2116	rBV4	11120	17865	0.55%	0.051%
49	15.321	2122	2125	2127	rBV2	10616	8593	0.27%	0.025%
50	15.545	2159	2163	2166	rBV3	19382	25480	0.79%	0.073%
51	15.586	2166	2170	2176	rVB	77774	98708	3.06%	0.282%
52	15.650	2176	2181	2183	rBV5	6923	13571	0.42%	0.039%
53	15.762	2193	2200	2209	rBV	1488386	2323965	72.04%	6.639%
54	15.891	2215	2222	2232	rBV	453587	724488	22.46%	2.070%
55	16.003	2237	2241	2245	rVB5	33863	54577	1.69%	0.156%
56	16.091	2253	2256	2259	rVB4	9718	11183	0.35%	0.032%
57	16.144	2262	2265	2268	rVB3	10713	13932	0.43%	0.040%
58	16.209	2274	2276	2280	rVB3	11624	13218	0.41%	0.038%
59	16.449	2313	2317	2327	rBV2	90628	166478	5.16%	0.476%
60	16.714	2360	2362	2363	rBV2	7977	6748	0.21%	0.019%
61	16.796	2373	2376	2379	rBV5	15304	18713	0.58%	0.053%
62	16.855	2384	2386	2389	rVV4	8138	9193	0.28%	0.026%
63	16.908	2393	2395	2401	rVB7	12955	18050	0.56%	0.052%
64	17.166	2437	2439	2442	rBV4	6100	6056	0.19%	0.017%
65	17.248	2449	2453	2457	rBV2	60150	71959	2.23%	0.206%
66	17.307	2459	2463	2466	rVV5	14153	19860	0.62%	0.057%
67	17.466	2488	2490	2493	rBV4	7255	8523	0.26%	0.024%
68	17.530	2494	2501	2507	rVV2	1171490	1829308	56.71%	5.226%
69	17.630	2511	2518	2525	rVV	1654398	2601626	80.65%	7.432%
70	17.889	2558	2562	2573	rBV5	56965	144649	4.48%	0.413%
71	17.994	2577	2580	2585	rVB3	31737	38972	1.21%	0.111%

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72	18.276	2624	2628	2629	rBV4	10064	13178	0.41%	0.038%
73	18.347	2636	2640	2643	rBV5	12805	16033	0.50%	0.046%
74	18.400	2644	2649	2655	rVV	237558	333941	10.35%	0.954%
75	18.470	2659	2661	2664	rVB4	10511	9760	0.30%	0.028%
76	18.682	2694	2697	2704	rBV5	17406	28993	0.90%	0.083%
77	19.257	2792	2795	2798	rBV5	19573	32823	1.02%	0.094%
78	19.557	2843	2846	2850	rVB2	31089	37380	1.16%	0.107%
79	19.669	2861	2865	2870	rBV7	54905	80299	2.49%	0.229%
80	19.810	2886	2889	2895	rVB3	22247	34483	1.07%	0.099%
81	19.921	2901	2908	2918	rVB	2196473	3225772	100.00%	9.215%
82	21.443	3163	3167	3179	rBV9	72163	184540	5.72%	0.527%
83	21.842	3229	3235	3241	rVB	1273016	2132376	66.10%	6.092%
84	24.979	3760	3769	3782	rVB3	837458	2536035	78.62%	7.245%
85	25.214	3800	3809	3822	rVB2	630051	1925820	59.70%	5.502%

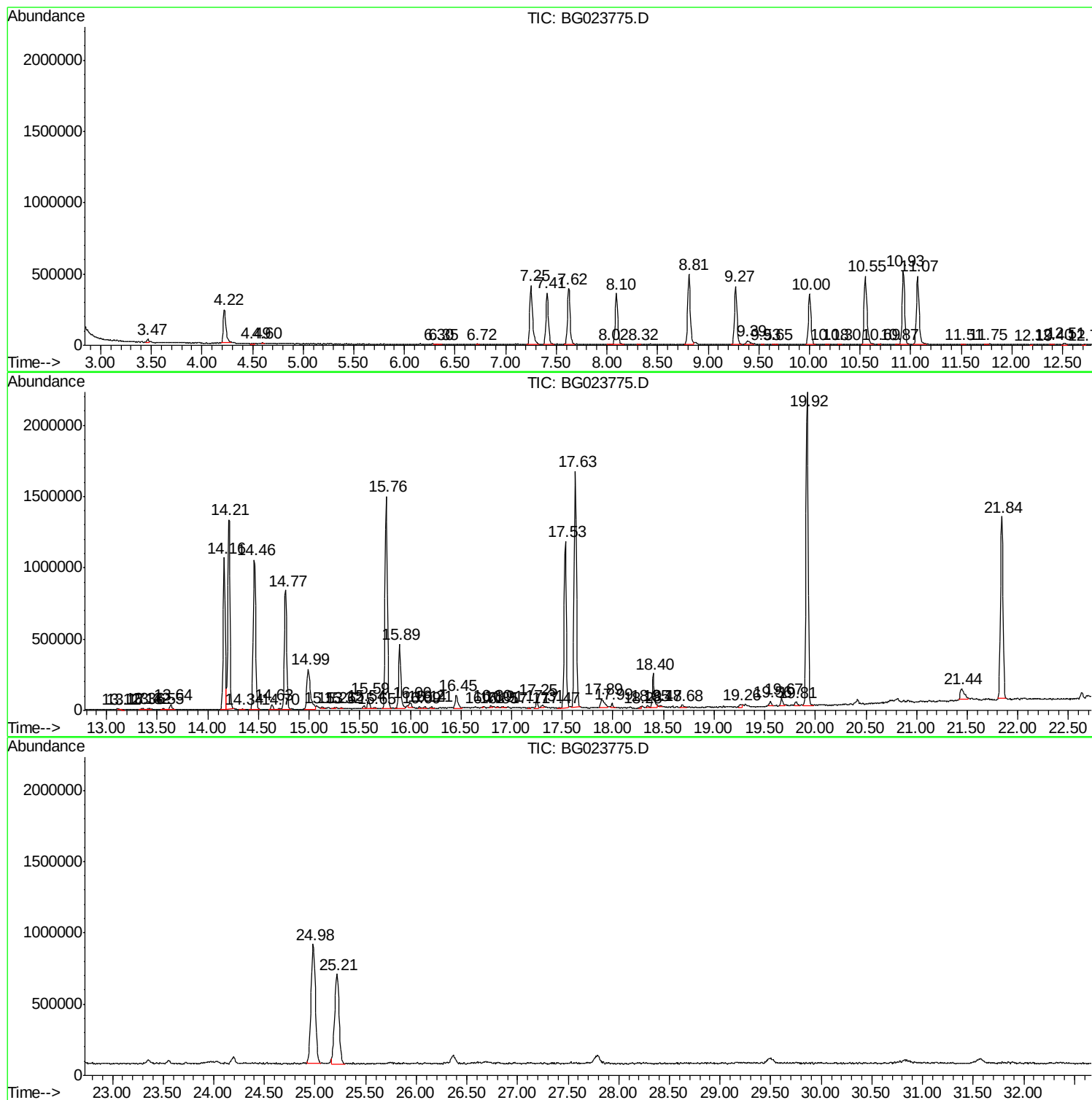
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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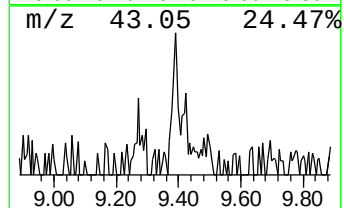
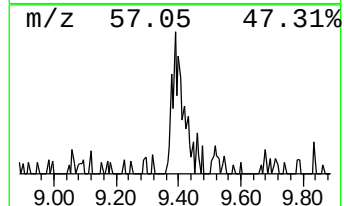
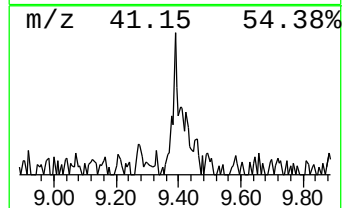
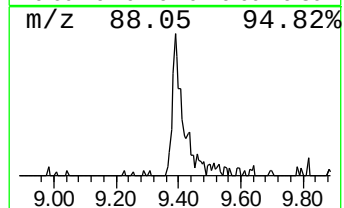
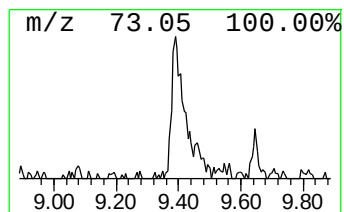
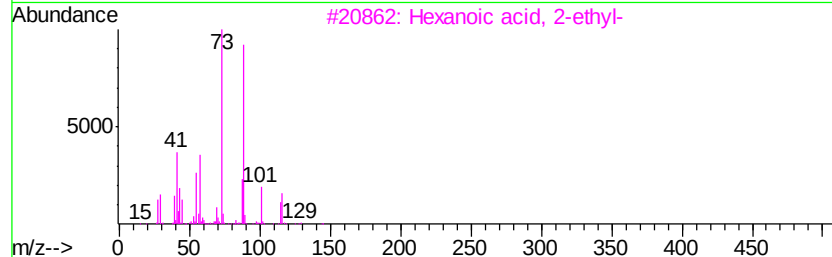
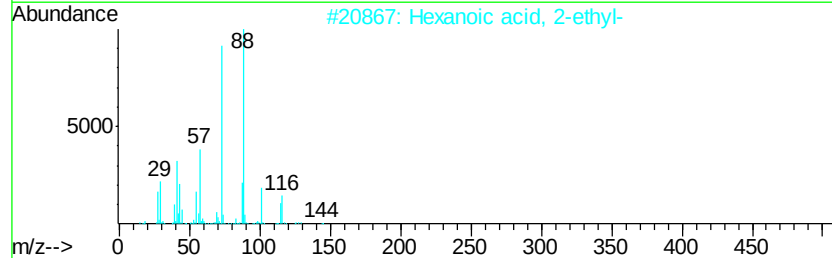
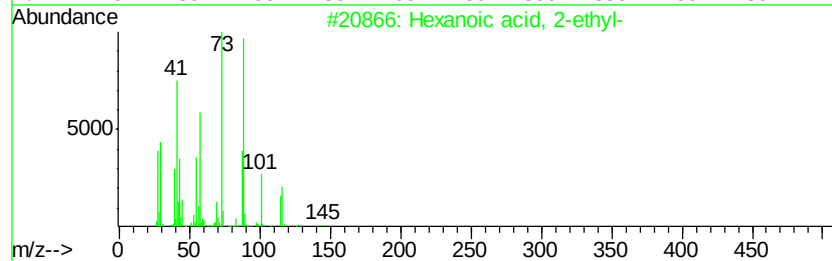
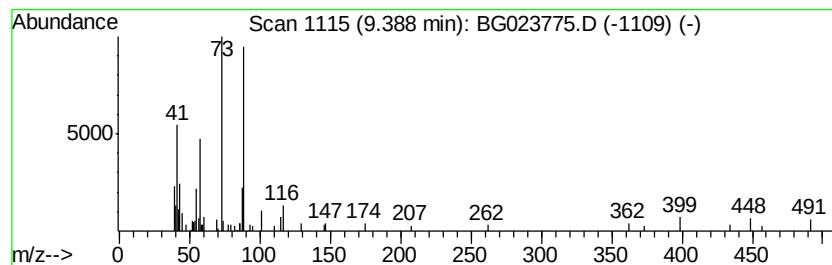
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.14 ng/ul	69419	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
3		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
4		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	28
5		3-(Methylthio)propyl heptanoate	218	C11H22O2S	1000367-12-1	28



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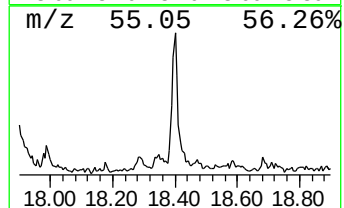
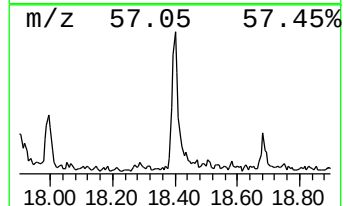
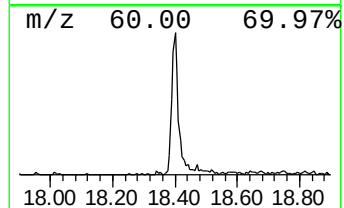
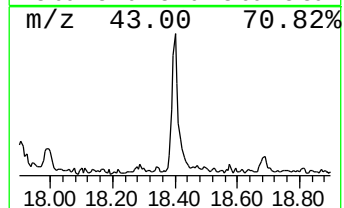
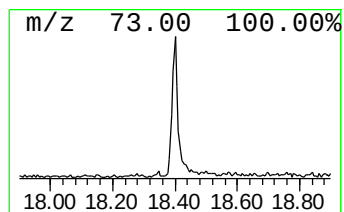
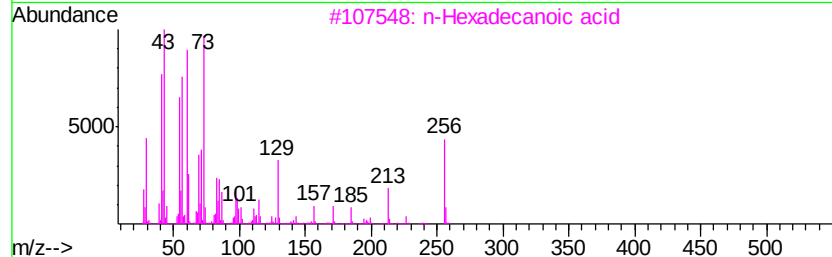
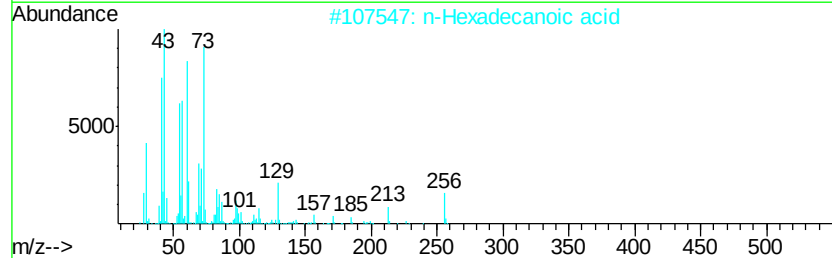
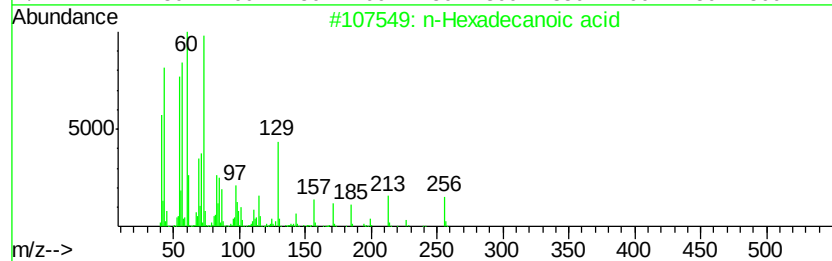
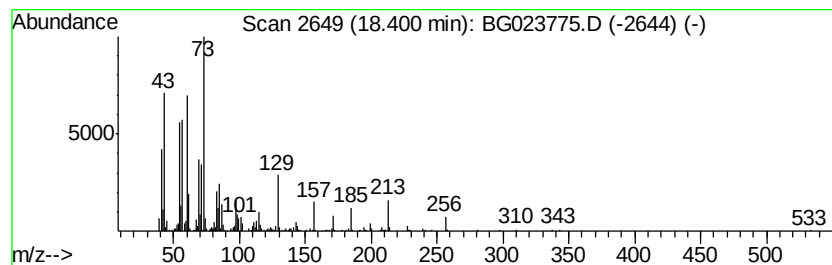
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.65 ng/ul	333941	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5		Dodecanoic acid	200	C12H24O2	000143-07-7	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanoic acid, 2-...	9.39	2.1	ng/ul	69419	1	8.10	649286	20.0
n-Hexadecanoic acid	18.40	3.6	ng/ul	333941	4	17.53	1829310	20.0