

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026837.D
 Acq On : 2 May 2017 10:55
 Operator : SJ/MA
 Sample : I2867-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHTA5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	7.189	692	698	714	rBV	301007	604543	22.01%	1.825%
2	7.330	716	722	733	rVB	288383	488476	17.79%	1.475%
3	7.547	752	759	769	rBV	345027	606810	22.09%	1.832%
4	8.011	830	838	850	rVB	529790	933437	33.99%	2.818%
5	8.722	953	959	976	rBV	393360	785106	28.59%	2.370%
6	9.169	1028	1035	1047	rVB	328746	611512	22.27%	1.846%
7	9.891	1152	1158	1171	rVB	269748	501817	18.27%	1.515%
8	10.438	1244	1251	1267	rVB	405688	817533	29.77%	2.468%
9	10.808	1306	1314	1330	rVB	927231	1696368	61.77%	5.121%
10	10.943	1330	1337	1356	rVB	373598	740923	26.98%	2.237%
11	11.942	1506	1507	1514	rBV2	4735	6577	0.24%	0.020%
12	12.212	1552	1553	1560	rVB5	4356	5916	0.22%	0.018%
13	12.294	1563	1567	1570	rVB4	4834	6056	0.22%	0.018%
14	12.389	1580	1583	1589	rVB5	10116	19898	0.72%	0.060%
15	12.483	1598	1599	1604	rVB2	3944	4648	0.17%	0.014%
16	13.158	1712	1714	1721	rVB6	2753	4465	0.16%	0.013%
17	13.223	1721	1725	1735	rVB6	9111	17691	0.64%	0.053%
18	13.434	1756	1761	1769	rBV6	3434	7330	0.27%	0.022%
19	13.522	1771	1776	1782	rVB6	3176	7124	0.26%	0.022%
20	13.593	1782	1788	1794	rVB8	2998	6052	0.22%	0.018%
21	14.022	1853	1861	1865	rBV	836485	1185394	43.16%	3.579%
22	14.069	1865	1869	1877	rVB	230773	345836	12.59%	1.044%
23	14.316	1902	1911	1925	rBV	1090186	1709836	62.26%	5.162%
24	14.510	1938	1944	1949	rVB2	13081	19288	0.70%	0.058%
25	14.621	1954	1963	1975	rVB2	1439495	2261197	82.33%	6.827%
26	14.721	1975	1980	1983	rVB3	2667	4348	0.16%	0.013%
27	14.786	1987	1991	1995	rBV5	3114	5412	0.20%	0.016%
28	14.844	1995	2001	2026	rBV2	127164	414068	15.08%	1.250%
29	15.015	2026	2030	2036	rVV9	6950	17159	0.62%	0.052%
30	15.115	2045	2047	2055	rVB7	7082	11336	0.41%	0.034%
31	15.191	2055	2060	2065	rVB7	4587	6773	0.25%	0.020%
32	15.356	2082	2088	2091	rBV6	3302	6113	0.22%	0.018%
33	15.403	2091	2096	2101	rBV2	16166	28696	1.04%	0.087%
34	15.455	2101	2105	2111	rVV	36389	44867	1.63%	0.135%

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35	15.520	2111	2116	2120	rVV6	3806	5906	0.22%	0.018%
36	15.608	2122	2131	2142	rBV	1392031	2010576	73.21%	6.070%
37	15.732	2144	2152	2166	rBV	242341	400816	14.59%	1.210%
38	15.849	2166	2172	2179	rBV7	26748	54993	2.00%	0.166%
39	15.955	2186	2190	2195	rVB6	8639	14145	0.52%	0.043%
40	16.008	2195	2199	2204	rBV6	8962	13980	0.51%	0.042%
41	16.072	2204	2210	2221	rVB6	6380	16633	0.61%	0.050%
42	16.202	2227	2232	2237	rVB8	2853	5010	0.18%	0.015%
43	16.313	2242	2251	2261	rBV	53218	105372	3.84%	0.318%
44	16.484	2276	2280	2286	rVB7	5557	11015	0.40%	0.033%
45	16.554	2286	2292	2299	rBV7	6973	14381	0.52%	0.043%
46	16.654	2305	2309	2312	rBV5	11291	19079	0.69%	0.058%
47	16.713	2317	2319	2322	rVB4	5998	6316	0.23%	0.019%
48	16.760	2322	2327	2333	rVV7	8302	16542	0.60%	0.050%
49	16.819	2333	2337	2345	rVV8	7869	20272	0.74%	0.061%
50	16.877	2345	2347	2353	rVV4	4834	9869	0.36%	0.030%
51	16.971	2360	2363	2369	rVB7	5925	7078	0.26%	0.021%
52	17.101	2377	2385	2389	rBV	42532	50206	1.83%	0.152%
53	17.148	2389	2393	2401	rVB6	18590	30720	1.12%	0.093%
54	17.259	2405	2412	2418	rBV6	8258	17543	0.64%	0.053%
55	17.359	2419	2429	2439	rBV2	1523702	2356835	85.82%	7.116%
56	17.453	2439	2445	2454	rVB2	1283002	1955664	71.21%	5.904%
57	17.571	2463	2465	2470	rVB5	4241	5616	0.20%	0.017%
58	17.629	2472	2475	2480	rBV6	6353	9587	0.35%	0.029%
59	17.706	2486	2488	2492	rVB5	3838	4360	0.16%	0.013%
60	17.759	2492	2497	2502	rBV8	5582	10994	0.40%	0.033%
61	17.835	2502	2510	2516	rBV4	30953	60551	2.20%	0.183%
62	17.876	2516	2517	2524	rVV6	4388	8738	0.32%	0.026%
63	18.011	2536	2540	2543	rVB6	10184	12906	0.47%	0.039%
64	18.052	2543	2547	2553	rVB9	8847	15296	0.56%	0.046%
65	18.117	2553	2558	2563	rBV6	8045	16564	0.60%	0.050%
66	18.182	2566	2569	2572	rBV5	5802	9781	0.36%	0.030%
67	18.235	2572	2578	2589	rBV2	135627	253563	9.23%	0.766%
68	18.411	2607	2608	2612	rVB4	5398	5430	0.20%	0.016%
69	18.528	2624	2628	2631	rBV3	20371	29119	1.06%	0.088%
70	18.652	2646	2649	2654	rVB7	14768	18217	0.66%	0.055%
71	18.981	2699	2705	2708	rBV8	5014	10908	0.40%	0.033%

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72	19.063	2716	2719	2721	rBV4	4497	5841	0.21%	0.018%
73	19.151	2727	2734	2738	rBV6	18923	42368	1.54%	0.128%
74	19.239	2738	2749	2754	rBV10	26512	102429	3.73%	0.309%
75	19.374	2769	2772	2783	rVB6	21780	51434	1.87%	0.155%
76	19.504	2788	2794	2807	rBV5	52996	128154	4.67%	0.387%
77	19.627	2810	2815	2822	rVB5	16671	41042	1.49%	0.124%
78	19.733	2826	2833	2846	rVB	1410712	2067545	75.28%	6.242%
79	19.844	2849	2852	2858	rVB8	6713	7727	0.28%	0.023%
80	20.168	2905	2907	2913	rBV7	10217	22458	0.82%	0.068%
81	20.250	2918	2921	2927	rVB6	15737	20458	0.74%	0.062%
82	20.385	2939	2944	2951	rBV6	10997	29316	1.07%	0.089%
83	20.585	2973	2978	2982	rBV2	27625	43580	1.59%	0.132%
84	20.743	3002	3005	3008	rBV5	11233	12592	0.46%	0.038%
85	21.166	3073	3077	3079	rBV5	10641	15426	0.56%	0.047%
86	21.243	3086	3090	3096	rBV9	34488	54479	1.98%	0.164%
87	21.407	3112	3118	3127	rVV9	25588	102075	3.72%	0.308%
88	21.478	3127	3130	3137	rVB	48659	66878	2.44%	0.202%
89	21.601	3144	3151	3165	rVB	1526430	2508205	91.33%	7.573%
90	22.371	3278	3282	3288	rBV7	29891	51075	1.86%	0.154%
91	23.041	3391	3396	3406	rVB4	44332	84237	3.07%	0.254%
92	23.235	3424	3429	3439	rVB2	49188	104596	3.81%	0.316%
93	23.828	3524	3530	3537	rVB2	80932	159454	5.81%	0.481%
94	24.551	3642	3653	3666	rBV2	724859	2020748	73.58%	6.101%
95	24.762	3679	3689	3703	rVB2	973940	2746381	100.00%	8.292%
96	25.849	3866	3874	3886	rVB3	108564	301202	10.97%	0.909%
97	27.177	4091	4100	4110	rVB4	76090	254918	9.28%	0.770%
98	28.758	4357	4369	4382	rBV4	60185	249409	9.08%	0.753%
99	30.461	4654	4659	4660	rBV5	19060	28688	1.04%	0.087%
100	30.667	4685	4694	4715	rVB6	52729	252601	9.20%	0.763%

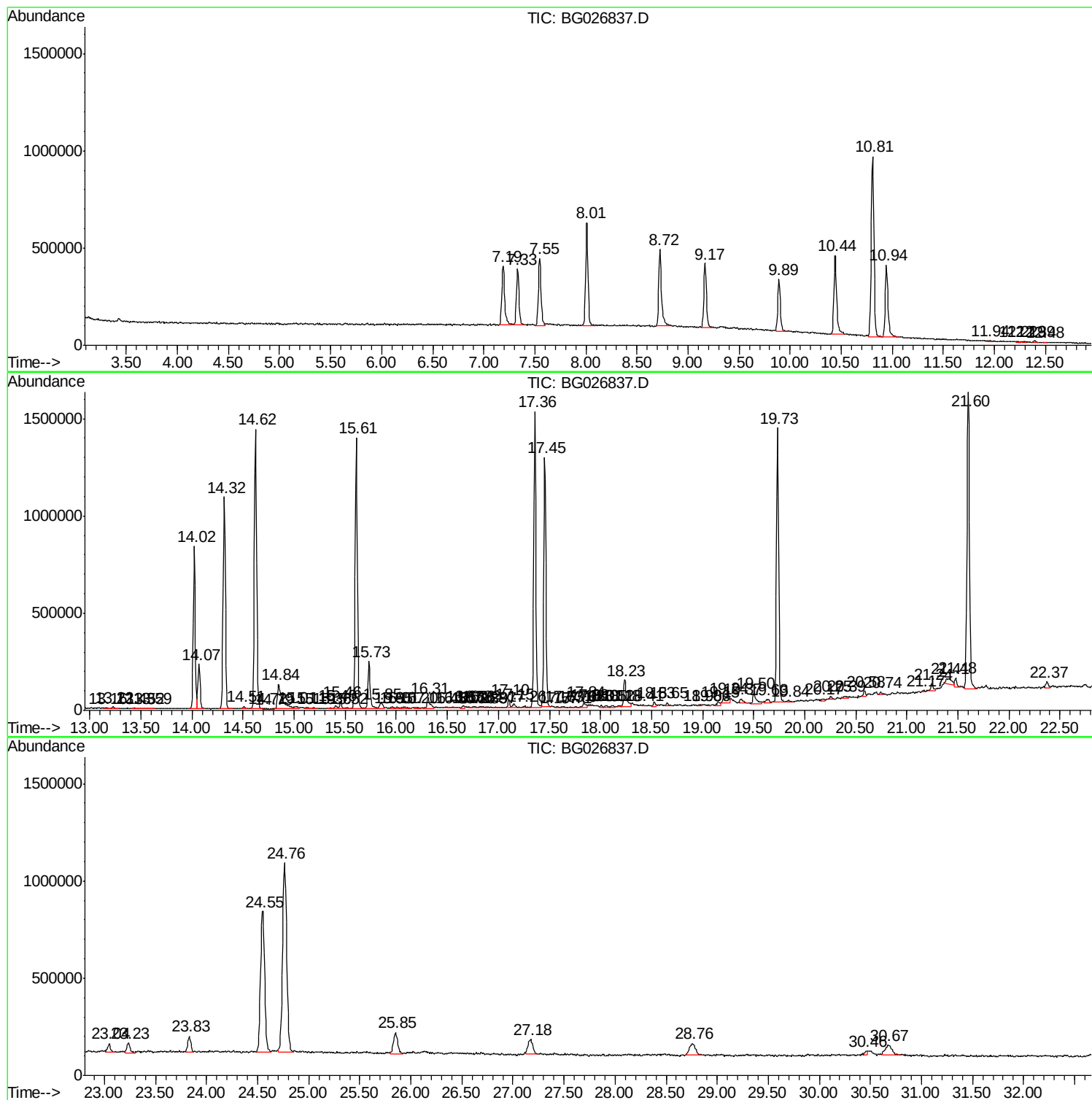
Sum of corrected areas: 33122502

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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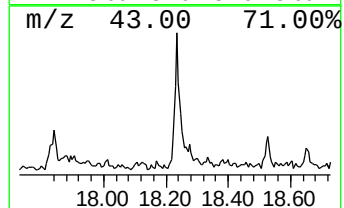
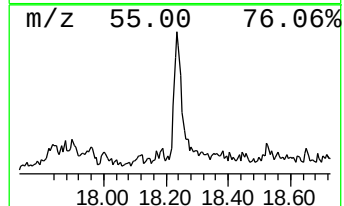
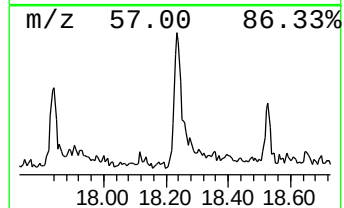
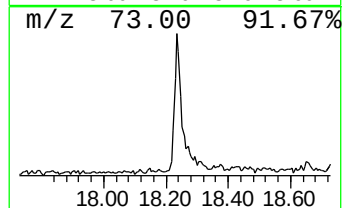
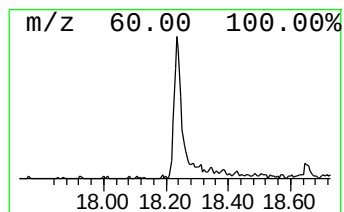
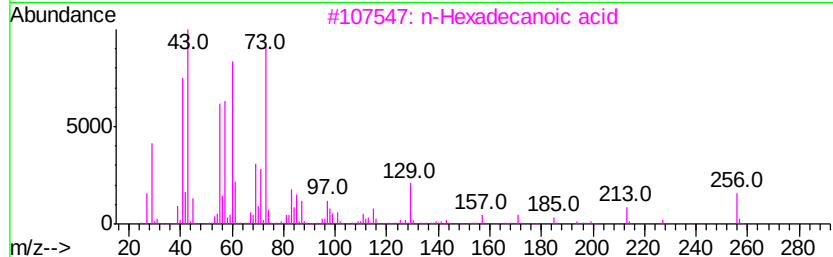
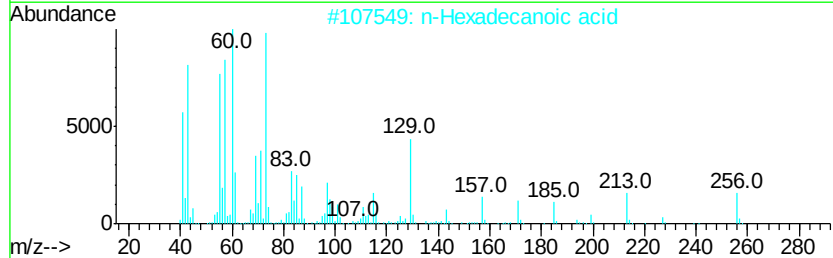
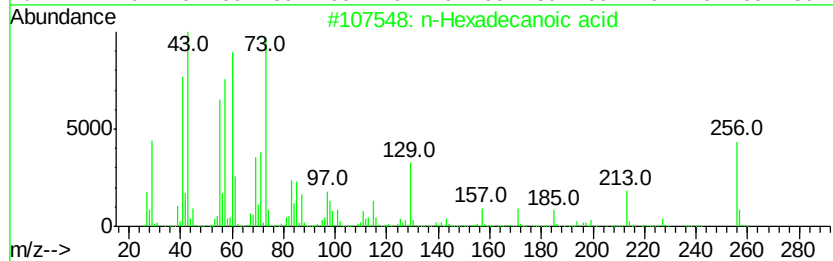
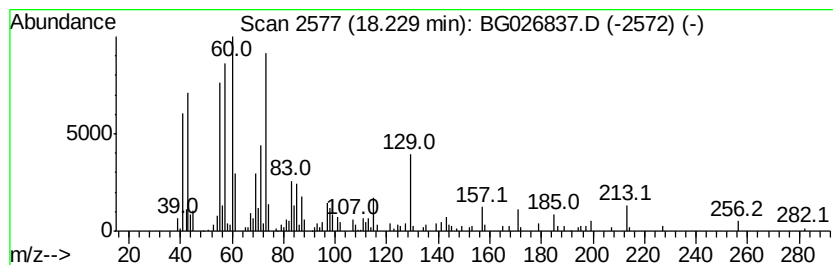
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.15 ng/ul	253563	Phenanthrene-d10	17.35

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	97	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	



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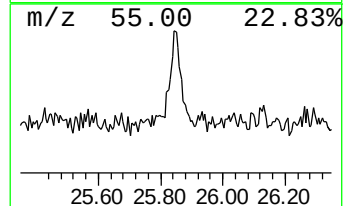
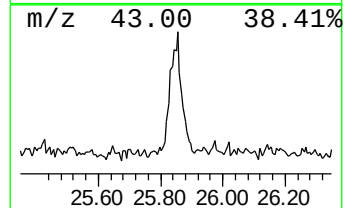
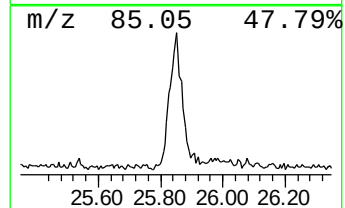
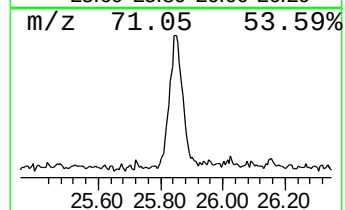
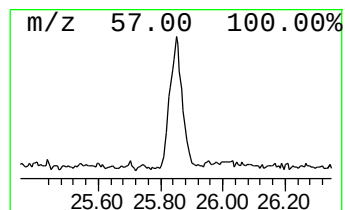
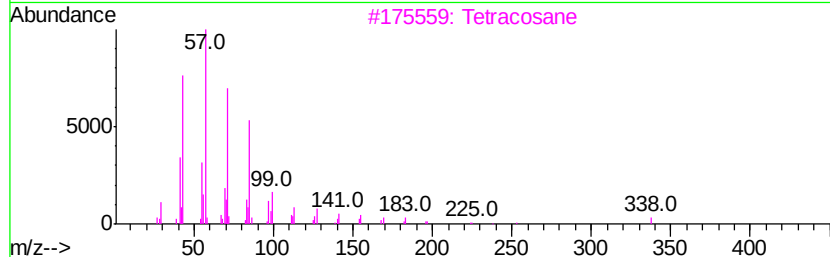
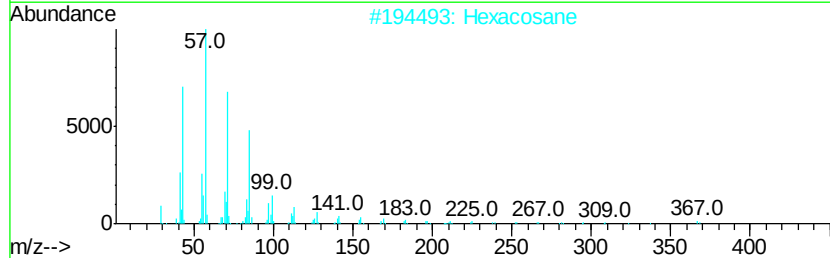
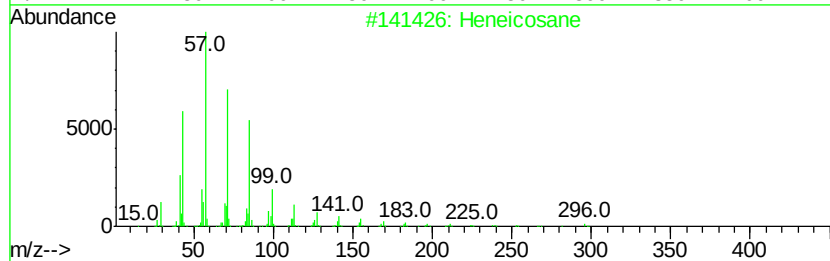
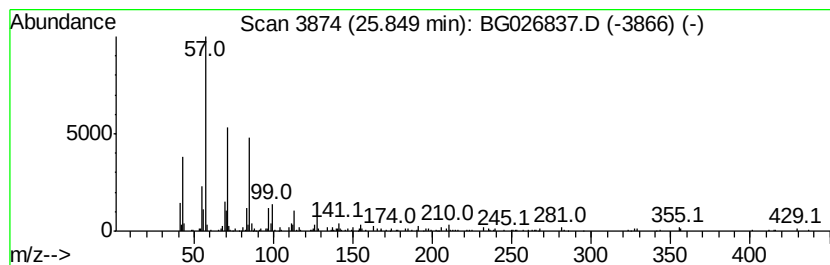
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.19 ng/ul	301202	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5		Octacosane	394	C28H58	000630-02-4	86



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.23	2.1	ng/ul	253563	4	17.35	2356840	20.0
(DEL) Alkane: Str...	25.85	2.2	ng/ul	301202	6	24.77	2746380	20.0