

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026805.D
 Acq On : 1 May 2017 14:00
 Operator : SJ/MA
 Sample : I2850-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHTA2

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	3.426	49	57	64	rVB	32288	55601	1.80%	0.143%
2	4.184	182	186	192	rVB7	8925	19300	0.63%	0.050%
3	4.273	199	201	208	rVB7	4078	7113	0.23%	0.018%
4	4.925	308	312	314	rBV3	4948	6504	0.21%	0.017%
5	5.113	341	344	350	rVB7	5489	11511	0.37%	0.030%
6	5.694	441	443	448	rVB3	4044	4932	0.16%	0.013%
7	6.300	540	546	548	rBV6	3847	6488	0.21%	0.017%
8	6.347	551	554	557	rVB4	4556	5844	0.19%	0.015%
9	6.376	557	559	561	rBV2	4892	5263	0.17%	0.014%
10	6.717	615	617	620	rBV2	4752	6928	0.22%	0.018%
11	7.187	689	697	713	rBV	496432	982101	31.83%	2.521%
12	7.334	713	722	736	rVB	441443	738498	23.94%	1.895%
13	7.428	737	738	743	rVB3	5540	6767	0.22%	0.017%
14	7.545	752	758	771	rBV	521420	945526	30.65%	2.427%
15	7.951	824	827	829	rVB	4478	5108	0.17%	0.013%
16	8.009	829	837	851	rBV	482023	821174	26.62%	2.108%
17	8.256	875	879	881	rBV4	3108	4889	0.16%	0.013%
18	8.456	911	913	918	rBV	3328	5811	0.19%	0.015%
19	8.614	937	940	943	rVB3	4744	5887	0.19%	0.015%
20	8.726	951	959	982	rBV	682058	1347740	43.69%	3.459%
21	8.991	1001	1004	1006	rBV2	4629	5521	0.18%	0.014%
22	9.167	1025	1034	1048	rBV	521544	930522	30.16%	2.388%
23	9.314	1057	1059	1067	rBV7	3703	7336	0.24%	0.019%
24	9.590	1101	1106	1110	rVB6	7882	12396	0.40%	0.032%
25	9.889	1148	1157	1174	rVB	427580	804752	26.09%	2.065%
26	10.442	1244	1251	1272	rBV	656981	1296613	42.03%	3.328%
27	10.806	1303	1313	1323	rVV	795715	1428931	46.32%	3.667%
28	10.941	1328	1336	1357	rBV	657308	1292939	41.91%	3.318%
29	11.658	1451	1458	1461	rBV6	3476	7389	0.24%	0.019%
30	12.069	1522	1528	1536	rVB8	2739	7095	0.23%	0.018%
31	12.287	1562	1565	1569	rBV4	5516	7720	0.25%	0.020%
32	12.398	1577	1584	1592	rVV5	11926	26585	0.86%	0.068%
33	12.457	1592	1594	1602	rVB4	2486	5562	0.18%	0.014%
34	12.845	1657	1660	1668	rBV4	2382	5434	0.18%	0.014%

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35	12.998	1678	1686	1689	rBV5	3878	6826	0.22%	0.018%
36	13.233	1720	1726	1732	rBV6	7210	9581	0.31%	0.025%
37	13.526	1771	1776	1780	rVB7	4028	8196	0.27%	0.021%
38	13.603	1780	1789	1795	rBV6	5386	12125	0.39%	0.031%
39	13.691	1801	1804	1811	rVB5	2731	6357	0.21%	0.016%
40	14.020	1854	1860	1865	rBV	1295923	1885826	61.13%	4.840%
41	14.067	1865	1868	1876	rVB	230286	319639	10.36%	0.820%
42	14.314	1902	1910	1923	rVV	1572059	2484842	80.55%	6.378%
43	14.508	1939	1943	1952	rVB	17198	25240	0.82%	0.065%
44	14.625	1952	1963	1976	rVB2	1156366	1930667	62.58%	4.955%
45	14.842	1991	2000	2025	rBV	260816	735692	23.85%	1.888%
46	15.001	2025	2027	2031	rVV4	4436	5416	0.18%	0.014%
47	15.125	2044	2048	2056	rVB4	7752	17135	0.56%	0.044%
48	15.195	2056	2060	2064	rVB6	6340	10766	0.35%	0.028%
49	15.248	2064	2069	2074	rBV9	3460	6288	0.20%	0.016%
50	15.354	2082	2087	2090	rVB4	4284	6091	0.20%	0.016%
51	15.412	2090	2097	2100	rBV4	6785	14887	0.48%	0.038%
52	15.454	2101	2104	2109	rVB	36895	47278	1.53%	0.121%
53	15.501	2109	2112	2118	rBV7	4301	7215	0.23%	0.019%
54	15.606	2119	2130	2143	rBV	1889772	2951123	95.66%	7.574%
55	15.730	2143	2151	2165	rBV	459711	717227	23.25%	1.841%
56	15.847	2165	2171	2177	rVV5	32340	59611	1.93%	0.153%
57	15.959	2184	2190	2195	rVB8	6148	11961	0.39%	0.031%
58	16.012	2195	2199	2204	rBV7	7942	12288	0.40%	0.032%
59	16.076	2204	2210	2216	rVB9	5847	12438	0.40%	0.032%
60	16.258	2235	2241	2243	rBV5	4039	6942	0.23%	0.018%
61	16.311	2243	2250	2259	rVV	48914	88663	2.87%	0.228%
62	16.494	2276	2281	2283	rVB4	7162	9009	0.29%	0.023%
63	16.564	2283	2293	2295	rBV8	6160	15339	0.50%	0.039%
64	16.658	2305	2309	2316	rBV10	8315	16163	0.52%	0.041%
65	16.711	2316	2318	2322	rVB5	5615	6922	0.22%	0.018%
66	16.758	2322	2326	2332	rBV8	8350	19534	0.63%	0.050%
67	16.823	2334	2337	2342	rVB7	6877	8886	0.29%	0.023%
68	16.887	2345	2348	2351	rBV5	5361	8076	0.26%	0.021%
69	16.952	2358	2359	2364	rBV5	4776	7735	0.25%	0.020%
70	17.063	2374	2378	2380	rBV5	4132	6312	0.20%	0.016%
71	17.099	2380	2384	2389	rVV	27881	37891	1.23%	0.097%

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72	17.152	2389	2393	2398	rVB4	11755	19461	0.63%	0.050%
73	17.257	2408	2411	2417	rVB7	6391	8519	0.28%	0.022%
74	17.357	2417	2428	2437	rBV	1301821	2008445	65.10%	5.155%
75	17.457	2437	2445	2454	rVV	1887411	2908769	94.29%	7.466%
76	17.616	2470	2472	2483	rVB	5556	12367	0.40%	0.032%
77	17.751	2490	2495	2501	rBV10	5063	8897	0.29%	0.023%
78	17.839	2505	2510	2514	rBV5	10779	14024	0.45%	0.036%
79	18.015	2535	2540	2542	rVB7	5143	7382	0.24%	0.019%
80	18.121	2553	2558	2565	rBV10	6768	15314	0.50%	0.039%
81	18.186	2568	2569	2572	rVB3	5036	5040	0.16%	0.013%
82	18.233	2572	2577	2586	rBV	158057	284766	9.23%	0.731%
83	18.521	2623	2626	2629	rVB5	6974	9219	0.30%	0.024%
84	18.556	2629	2632	2636	rBV6	6810	10697	0.35%	0.027%
85	18.656	2646	2649	2655	rVB7	8472	8385	0.27%	0.022%
86	18.791	2668	2672	2674	rVB4	6525	8003	0.26%	0.021%
87	18.826	2675	2678	2682	rBV6	5005	8550	0.28%	0.022%
88	18.891	2687	2689	2693	rVB5	7595	9747	0.32%	0.025%
89	19.014	2709	2710	2714	rBV4	4440	6361	0.21%	0.016%
90	19.161	2731	2735	2739	rBV7	7240	12019	0.39%	0.031%
91	19.378	2766	2772	2777	rBV3	34439	75772	2.46%	0.194%
92	19.502	2788	2793	2802	rBV3	78744	154848	5.02%	0.397%
93	19.625	2810	2814	2822	rBV4	20258	39201	1.27%	0.101%
94	19.737	2826	2833	2846	rBV	2060287	3084992	100.00%	7.918%
95	20.172	2904	2907	2913	rBV5	15562	19503	0.63%	0.050%
96	21.599	3143	3150	3159	rBV	1268300	2103663	68.19%	5.399%
97	23.826	3525	3529	3541	rVB3	73431	143169	4.64%	0.367%
98	24.549	3641	3652	3667	rVB2	1122336	3045265	98.71%	7.816%
99	24.760	3678	3688	3705	rBV2	821486	2313781	75.00%	5.939%
100	25.847	3866	3873	3886	rVB4	85821	247946	8.04%	0.636%

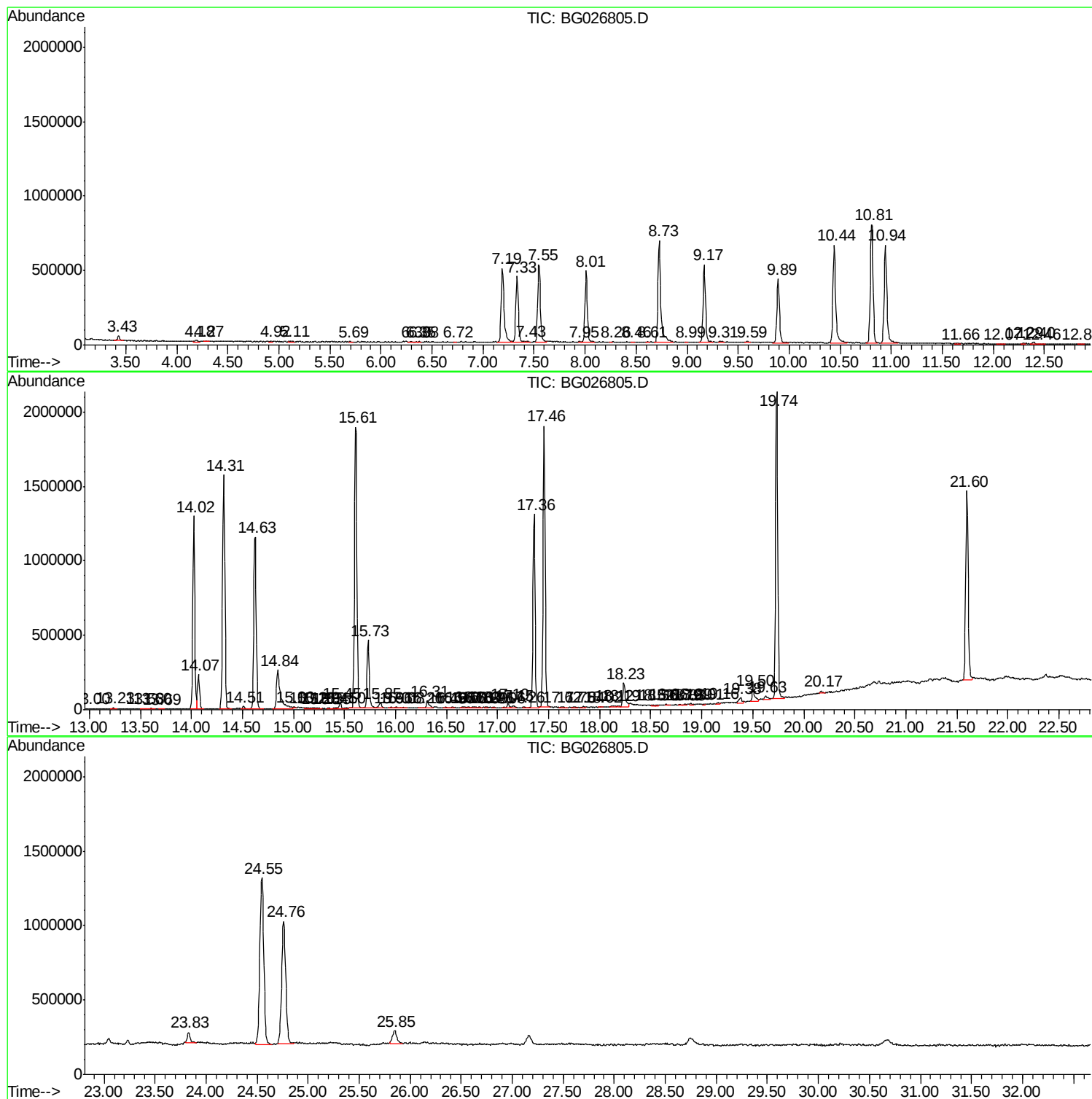
Sum of corrected areas: 38962072

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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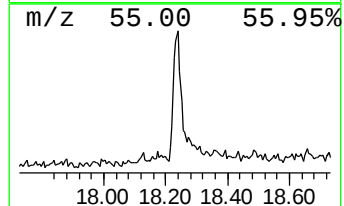
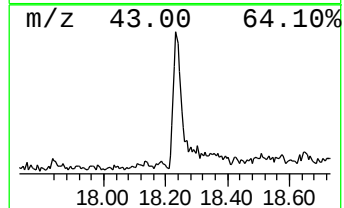
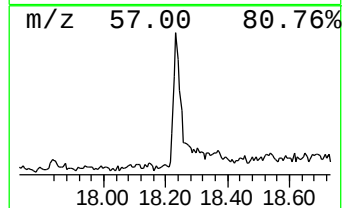
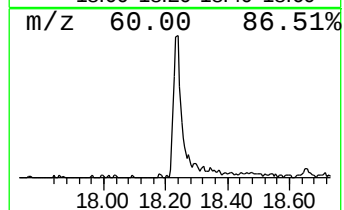
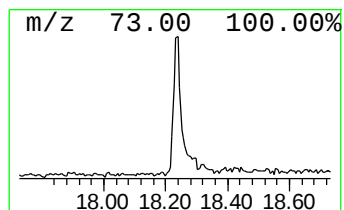
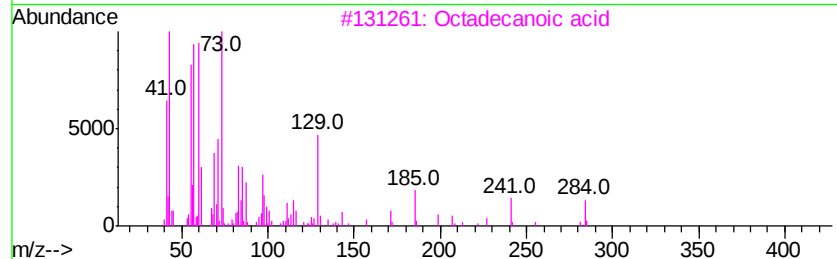
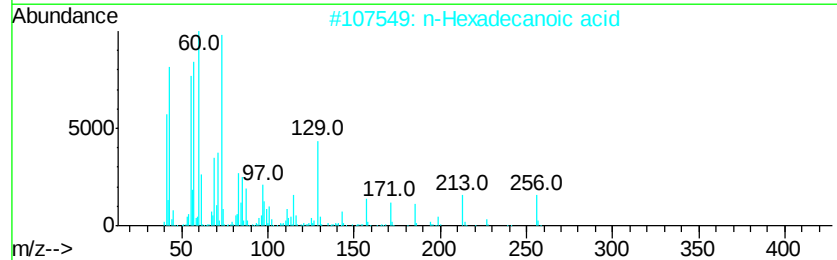
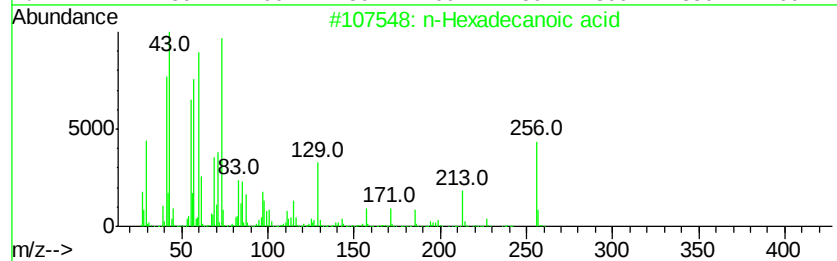
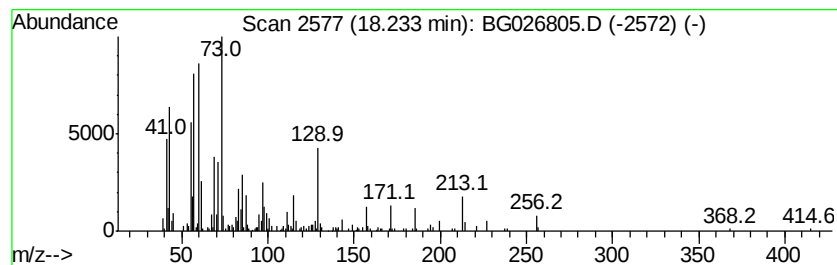
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.84 ng/ul	284766	Phenanthrene-d10	17.36

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	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	87
4		Tetracosanoic acid	368	C24H48O2	000557-59-5	78
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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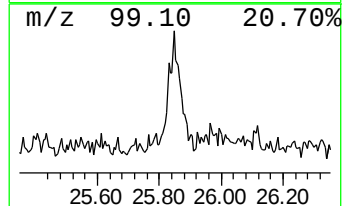
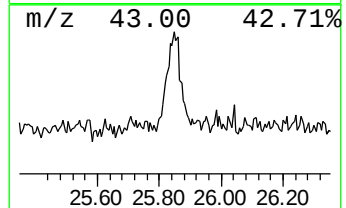
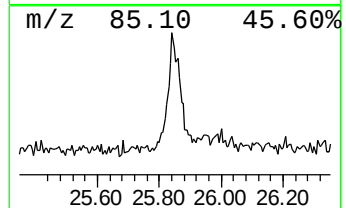
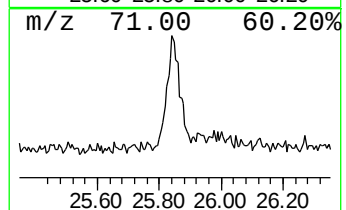
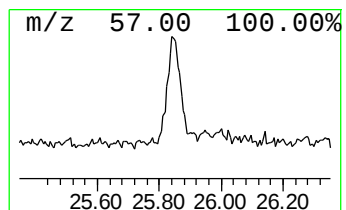
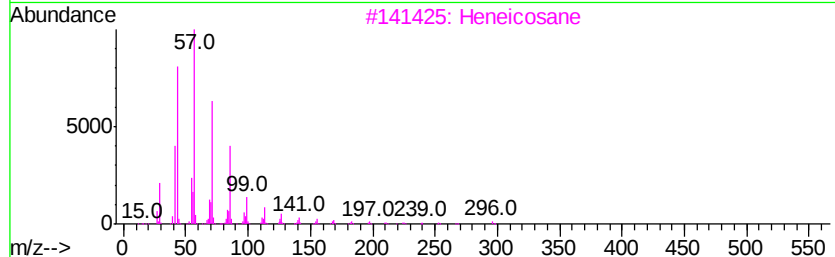
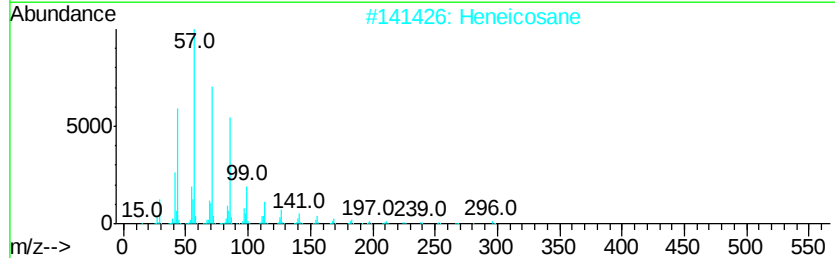
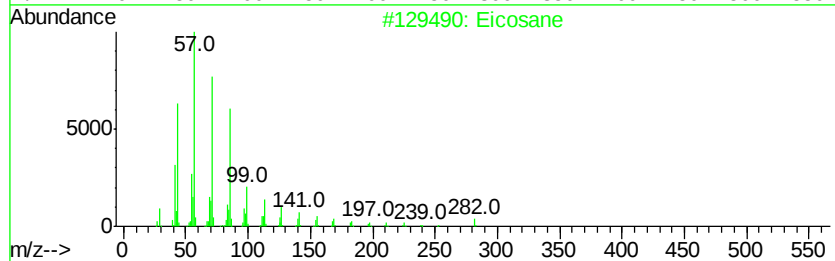
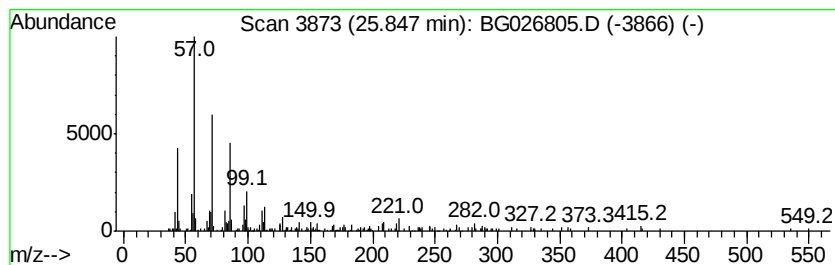
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.14 ng/ul	247946	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	89
3		Heneicosane	296	C21H44	000629-94-7	89
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		2-methyloctacosane	408	C29H60	1000376-72-8	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.23	2.8	ng/ul	284766	4	17.36	2008450	20.0
(DEL) Alkane: Str...	25.85	2.1	ng/ul	247946	6	24.76	2313780	20.0