

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026808.D
 Acq On : 1 May 2017 15:58
 Operator : SJ/MA
 Sample : I2850-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT82

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	3.428	53	58	65	rBV2	26208	42738	1.49%	0.114%
2	4.186	182	187	192	rBV3	14849	21887	0.76%	0.059%
3	4.498	238	240	243	rBV3	6802	6729	0.23%	0.018%
4	4.715	275	277	283	rVB6	4820	5420	0.19%	0.014%
5	4.868	301	303	311	rVB2	5396	6691	0.23%	0.018%
6	5.684	437	442	445	rBV7	3587	7548	0.26%	0.020%
7	5.972	489	491	496	rBV2	5043	6076	0.21%	0.016%
8	6.213	526	532	538	rBV6	7721	14647	0.51%	0.039%
9	6.525	581	585	588	rBV	4213	6617	0.23%	0.018%
10	6.724	611	619	624	rBV7	4515	9850	0.34%	0.026%
11	6.807	629	633	639	rVB6	3190	6798	0.24%	0.018%
12	7.188	691	698	716	rBV	445843	902695	31.52%	2.414%
13	7.330	716	722	734	rVB	412995	681872	23.81%	1.824%
14	7.547	752	759	771	rBV	486503	840494	29.34%	2.248%
15	8.011	830	838	850	rBV	485685	833169	29.09%	2.228%
16	8.646	941	946	949	rBV4	3771	6160	0.22%	0.016%
17	8.722	953	959	975	rBV2	576208	1166428	40.72%	3.120%
18	9.169	1028	1035	1056	rVB	463067	859984	30.02%	2.300%
19	9.321	1056	1061	1069	rBV8	5089	15957	0.56%	0.043%
20	9.586	1101	1106	1111	rVB6	7029	14387	0.50%	0.038%
21	9.727	1128	1130	1136	rBV4	3809	6767	0.24%	0.018%
22	9.891	1150	1158	1174	rBV	399400	726675	25.37%	1.943%
23	10.126	1197	1198	1205	rBV3	3737	5852	0.20%	0.016%
24	10.444	1243	1252	1275	rBV	588073	1188373	41.49%	3.178%
25	10.661	1285	1289	1291	rVB4	6364	6554	0.23%	0.018%
26	10.702	1291	1296	1301	rBV5	3721	8266	0.29%	0.022%
27	10.808	1306	1314	1329	rVB	841875	1486469	51.90%	3.975%
28	10.943	1329	1337	1357	rBV	585888	1154805	40.32%	3.088%
29	11.266	1389	1392	1397	rVB6	5685	6314	0.22%	0.017%
30	11.472	1426	1427	1434	rVB5	4428	6322	0.22%	0.017%
31	11.542	1434	1439	1444	rBV4	3309	5255	0.18%	0.014%
32	12.400	1576	1585	1594	rVB6	10561	25004	0.87%	0.067%
33	12.659	1628	1629	1640	rVB5	2489	6382	0.22%	0.017%
34	13.228	1722	1726	1733	rVV5	7568	13105	0.46%	0.035%

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35	13.446	1756	1763	1769	rVB8	4027	10370	0.36%	0.028%
36	13.516	1769	1775	1781	rBV5	3133	8545	0.30%	0.023%
37	13.593	1784	1788	1799	rVV7	3052	7671	0.27%	0.021%
38	14.022	1852	1861	1866	rBV	1211762	1717937	59.98%	4.595%
39	14.069	1866	1869	1878	rVB	182318	250035	8.73%	0.669%
40	14.133	1879	1880	1888	rVV6	5419	6653	0.23%	0.018%
41	14.315	1902	1911	1923	rBV	1431747	2271561	79.31%	6.075%
42	14.433	1929	1931	1938	rVB6	3005	4768	0.17%	0.013%
43	14.509	1938	1944	1951	rVB2	18581	29965	1.05%	0.080%
44	14.621	1951	1963	1979	rBV2	1223843	1995081	69.65%	5.336%
45	14.844	1994	2001	2026	rBV	206944	604541	21.11%	1.617%
46	15.062	2035	2038	2042	rVB5	6489	8055	0.28%	0.022%
47	15.120	2042	2048	2057	rVB9	8211	19210	0.67%	0.051%
48	15.197	2057	2061	2066	rBV5	6360	8442	0.29%	0.023%
49	15.350	2084	2087	2092	rBV6	3632	7135	0.25%	0.019%
50	15.408	2092	2097	2100	rVV6	7038	13287	0.46%	0.036%
51	15.455	2100	2105	2111	rVV	43485	60475	2.11%	0.162%
52	15.514	2111	2115	2120	rVV6	4343	8802	0.31%	0.024%
53	15.608	2120	2131	2143	rVV	1756467	2707426	94.53%	7.241%
54	15.731	2143	2152	2166	rVV	387855	631561	22.05%	1.689%
55	15.855	2166	2173	2179	rVV4	32006	71955	2.51%	0.192%
56	15.896	2179	2180	2186	rVB6	6984	8939	0.31%	0.024%
57	15.961	2186	2191	2195	rBV6	6240	8914	0.31%	0.024%
58	16.008	2195	2199	2205	rVB7	7620	12517	0.44%	0.033%
59	16.072	2205	2210	2215	rBV7	7394	12531	0.44%	0.034%
60	16.178	2222	2228	2233	rBV8	2835	6691	0.23%	0.018%
61	16.313	2244	2251	2262	rBV	51564	92539	3.23%	0.247%
62	16.489	2276	2281	2284	rVB6	5487	8293	0.29%	0.022%
63	16.572	2285	2295	2301	rVB6	5716	19678	0.69%	0.053%
64	16.654	2304	2309	2312	rBV5	9490	14514	0.51%	0.039%
65	16.713	2317	2319	2322	rVB3	6430	6592	0.23%	0.018%
66	16.760	2323	2327	2333	rVV8	7496	14686	0.51%	0.039%
67	16.824	2333	2338	2344	rVB6	8149	12215	0.43%	0.033%
68	16.883	2344	2348	2353	rBV7	4316	8169	0.29%	0.022%
69	17.100	2376	2385	2389	rBV	31987	45868	1.60%	0.123%
70	17.153	2389	2394	2400	rVB7	12809	23842	0.83%	0.064%
71	17.253	2407	2411	2415	rVB7	5805	7964	0.28%	0.021%

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72	17.359	2421	2429	2438	rBV	1363188	2058181	71.86%	5.504%
73	17.453	2438	2445	2456	rVV2	1776134	2655384	92.71%	7.102%
74	17.565	2463	2464	2470	rVB6	4929	4861	0.17%	0.013%
75	17.841	2506	2511	2517	rBV10	7633	11316	0.40%	0.030%
76	17.935	2524	2527	2530	rVB4	5621	4972	0.17%	0.013%
77	18.123	2554	2559	2561	rBV5	8969	13440	0.47%	0.036%
78	18.176	2565	2568	2573	rBV7	10005	16116	0.56%	0.043%
79	18.234	2573	2578	2588	rBV	148705	263232	9.19%	0.704%
80	18.369	2600	2601	2606	rBV5	5234	4802	0.17%	0.013%
81	18.522	2624	2627	2629	rBV4	8012	9119	0.32%	0.024%
82	18.663	2646	2651	2654	rBV7	5913	9523	0.33%	0.025%
83	18.957	2698	2701	2703	rBV4	4318	4948	0.17%	0.013%
84	19.151	2731	2734	2738	rVB6	6917	11608	0.41%	0.031%
85	19.374	2766	2772	2783	rBV3	29614	69732	2.43%	0.186%
86	19.503	2789	2794	2808	rBV5	74037	157984	5.52%	0.423%
87	19.627	2810	2815	2822	rBV4	23036	48003	1.68%	0.128%
88	19.733	2827	2833	2843	rBV2	1923300	2864243	100.00%	7.660%
89	19.821	2845	2848	2858	rVB2	15033	36528	1.28%	0.098%
90	20.167	2905	2907	2909	rBV2	10862	10564	0.37%	0.028%
91	20.684	2991	2995	3000	rBV8	19243	38805	1.35%	0.104%
92	21.601	3143	3151	3164	rBV	1324124	2158980	75.38%	5.774%
93	22.371	3278	3282	3286	rBV2	46111	67472	2.36%	0.180%
94	23.046	3393	3397	3404	rVB6	43396	78611	2.74%	0.210%
95	23.828	3524	3530	3538	rVB4	81478	174762	6.10%	0.467%
96	24.545	3641	3652	3668	rVB2	1039016	2812197	98.18%	7.521%
97	24.762	3679	3689	3702	rVB2	837607	2411814	84.20%	6.450%
98	25.849	3866	3874	3883	rBV2	85722	239151	8.35%	0.640%
99	27.171	4090	4099	4110	rVB4	76785	273438	9.55%	0.731%
100	28.746	4364	4367	4369	rBV4	24875	31421	1.10%	0.084%

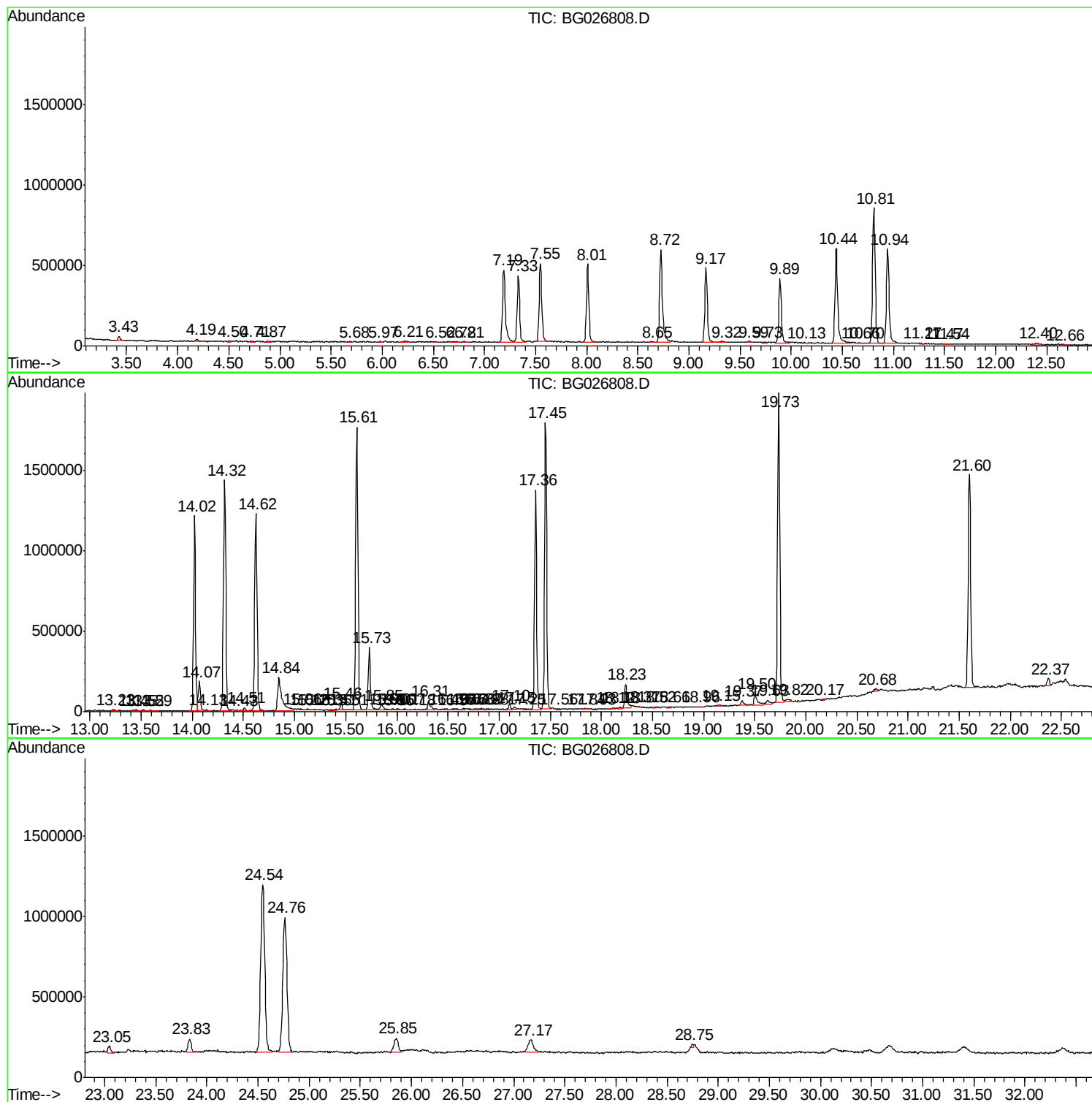
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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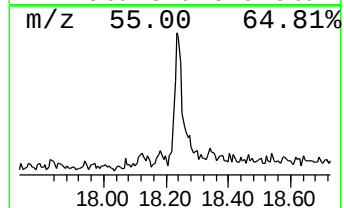
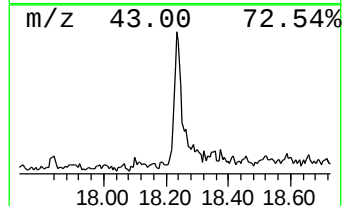
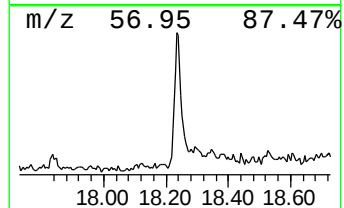
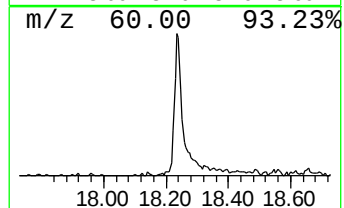
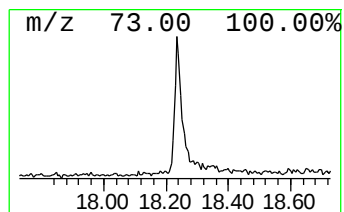
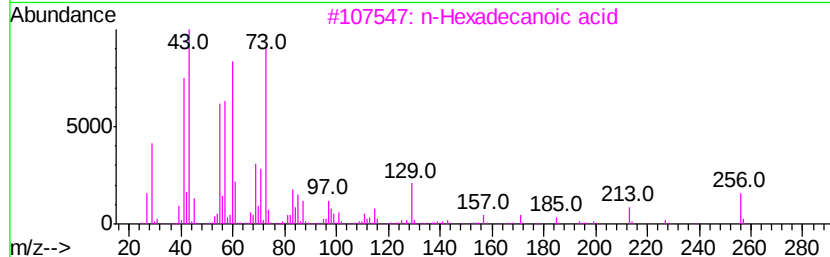
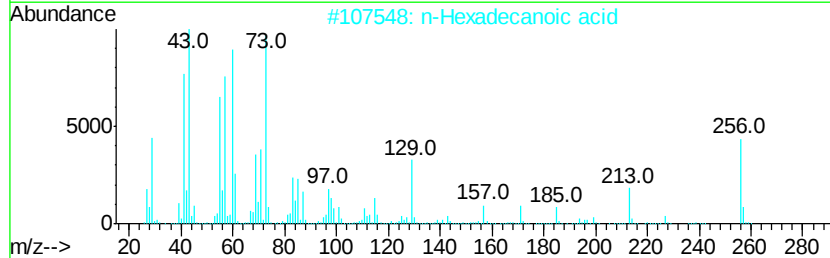
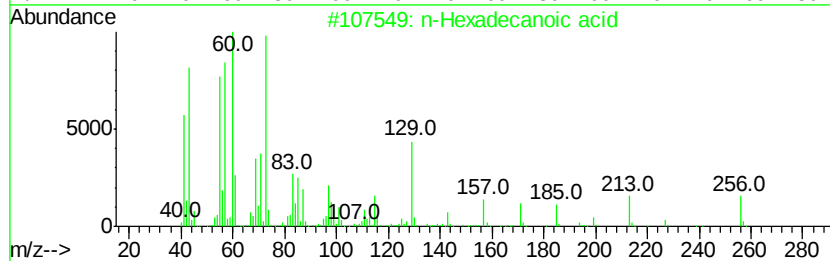
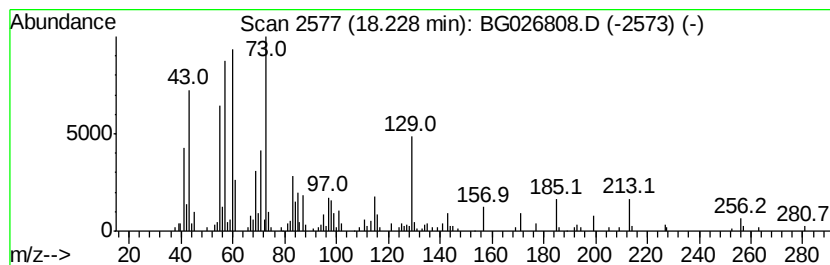
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	2.56 ng/ul	263232	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	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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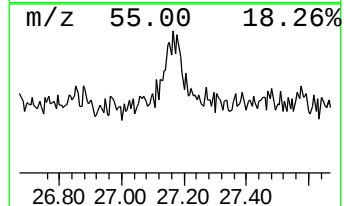
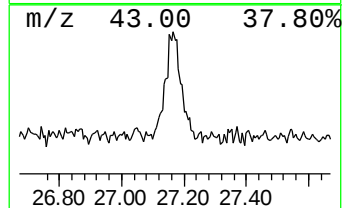
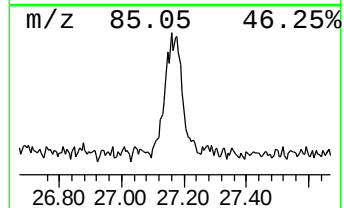
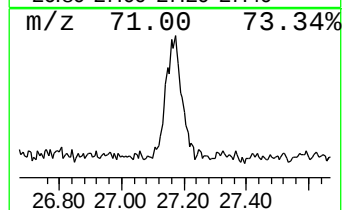
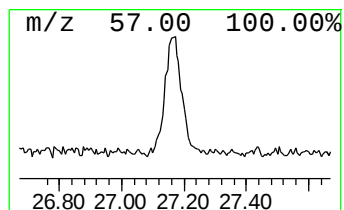
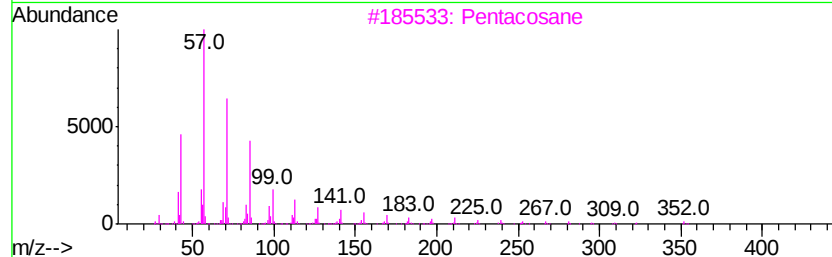
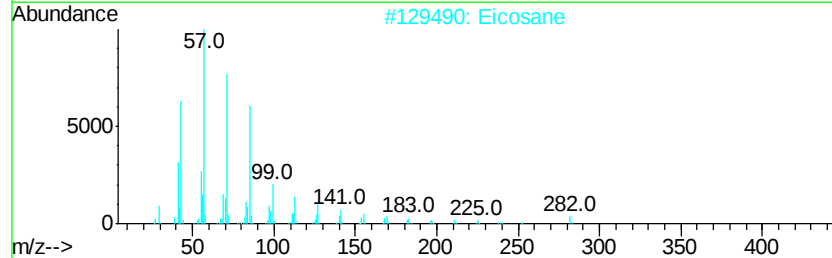
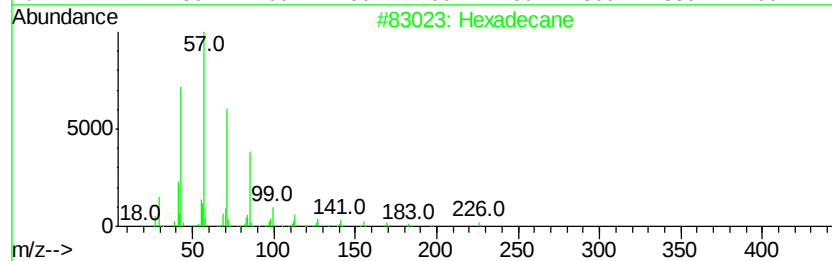
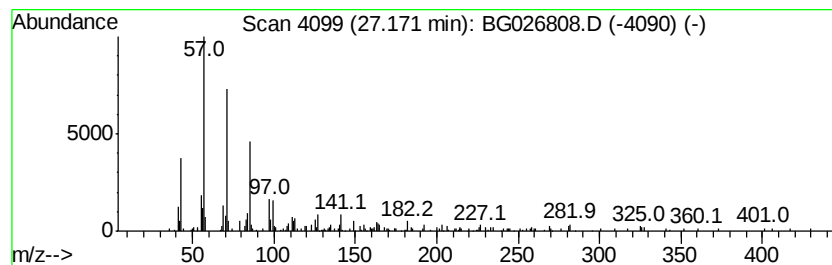
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	2.27 ng/ul	273438	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Eicosane	282	C20H42	000112-95-8	93
3			Pentacosane	352	C25H52	000629-99-2	93
4			Hexadecane	226	C16H34	000544-76-3	87
5			Hexacosane	366	C26H54	000630-01-3	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.23	2.6	ng/ul	263232	4	17.36	2058180	20.0
(DEL) Alkane: Str...	27.17	2.3	ng/ul	273438	6	24.76	2411810	20.0