

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
 Data File : BG027997.D
 Acq On : 20 Jul 2017 14:05
 Operator : SJ/JU
 Sample : I4209-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B14

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-BG071717.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	3.861	40	46	54	rBV2	10442	16504	0.82%	0.091%
2	4.119	85	90	94	rBV2	10159	15655	0.78%	0.086%
3	4.595	163	171	176	rVB6	2177	5687	0.28%	0.031%
4	5.941	394	400	408	rVB2	1543	3771	0.19%	0.021%
5	7.509	656	667	683	rBV	183186	367757	18.24%	2.022%
6	7.686	689	697	707	rBV	142069	241078	11.95%	1.326%
7	7.903	724	734	746	rBV	198405	356774	17.69%	1.962%
8	8.373	804	814	824	rBV	159644	284359	14.10%	1.564%
9	9.060	922	931	948	rBV2	235271	435298	21.59%	2.394%
10	9.536	1002	1012	1026	rBV	189950	349898	17.35%	1.924%
11	10.265	1123	1136	1149	rBV	164529	310315	15.39%	1.706%
12	10.805	1217	1228	1239	rBV	245528	471074	23.36%	2.590%
13	11.193	1286	1294	1306	rVV	219801	414321	20.55%	2.278%
14	11.322	1306	1316	1336	rVB	230050	451641	22.40%	2.483%
15	12.750	1554	1559	1567	rVB3	3813	6675	0.33%	0.037%
16	14.366	1825	1834	1838	rBV	528104	803644	39.85%	4.419%
17	14.407	1838	1841	1854	rVB	275708	411310	20.40%	2.262%
18	14.671	1875	1886	1902	rBV	534398	865625	42.92%	4.760%
19	14.836	1907	1914	1919	rVB2	2839	3334	0.17%	0.018%
20	14.977	1930	1938	1949	rBV2	370825	624273	30.96%	3.433%
21	15.159	1960	1969	1991	rBV	103345	258823	12.83%	1.423%
22	15.776	2063	2074	2080	rBV5	7048	13543	0.67%	0.074%
23	15.964	2097	2106	2118	rBV	785377	1210687	60.03%	6.657%
24	16.070	2118	2124	2136	rVV	185007	302231	14.99%	1.662%
25	16.199	2136	2146	2153	rVB5	8262	16724	0.83%	0.092%
26	16.640	2215	2221	2232	rVB4	7495	15421	0.76%	0.085%
27	17.433	2350	2356	2362	rBV3	7044	10568	0.52%	0.058%
28	17.509	2366	2369	2375	rVV3	2668	5282	0.26%	0.029%
29	17.721	2397	2405	2413	rBV	540804	845238	41.91%	4.648%
30	17.821	2413	2422	2437	rVV2	903808	1443312	71.57%	7.936%
31	18.109	2464	2471	2475	rBV2	2138	4096	0.20%	0.023%
32	18.173	2478	2482	2486	rVB5	3250	3715	0.18%	0.020%
33	18.461	2527	2531	2536	rBV2	1622	3328	0.17%	0.018%
34	18.567	2545	2549	2559	rBV5	15685	34434	1.71%	0.189%

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35	18.649	2559	2563	2571	rVV3	5715	10146	0.50%	0.056%
36	18.861	2595	2599	2604	rBV4	1615	3196	0.16%	0.018%
37	19.730	2741	2747	2756	rBV2	11605	20169	1.00%	0.111%
38	19.836	2756	2765	2771	rBV5	4844	10229	0.51%	0.056%
39	19.983	2785	2790	2796	rVB	10664	16743	0.83%	0.092%
40	20.095	2800	2809	2822	rBV	1335262	1939253	96.16%	10.663%
41	20.224	2826	2831	2834	rBV5	2053	3914	0.19%	0.022%
42	20.271	2836	2839	2841	rBV5	2534	3629	0.18%	0.020%
43	20.306	2841	2845	2846	rBV4	3165	4570	0.23%	0.025%
44	20.729	2910	2917	2919	rBV5	3457	5918	0.29%	0.033%
45	20.952	2951	2955	2961	rBV6	3002	6173	0.31%	0.034%
46	21.029	2965	2968	2972	rVB5	1867	3247	0.16%	0.018%
47	21.087	2972	2978	2980	rBV5	2610	4834	0.24%	0.027%
48	21.123	2980	2984	2987	rBV5	2859	3420	0.17%	0.019%
49	21.481	3026	3045	3047	rBV6	24549	80291	3.98%	0.441%
50	21.634	3066	3071	3081	rVB6	3908	10277	0.51%	0.057%
51	22.057	3133	3143	3156	rBV	713909	1268122	62.88%	6.973%
52	22.210	3166	3169	3173	rVB3	5105	7329	0.36%	0.040%
53	22.280	3180	3181	3186	rBV5	2910	3542	0.18%	0.019%
54	22.639	3241	3242	3249	rVB6	2918	4122	0.20%	0.023%
55	22.738	3256	3259	3263	rBV6	2751	4366	0.22%	0.024%
56	22.780	3263	3266	3270	rVB6	3970	5827	0.29%	0.032%
57	22.821	3270	3273	3274	rBV3	2968	3352	0.17%	0.018%
58	22.868	3275	3281	3290	rVB8	6937	17082	0.85%	0.094%
59	22.956	3291	3296	3298	rBV4	2375	3303	0.16%	0.018%
60	23.279	3349	3351	3354	rVB4	3072	3051	0.15%	0.017%
61	23.332	3358	3360	3362	rBV3	3185	3235	0.16%	0.018%
62	23.620	3397	3409	3417	rBV4	15980	34973	1.73%	0.192%
63	23.831	3438	3445	3454	rBV8	8281	19758	0.98%	0.109%
64	24.060	3482	3484	3489	rVB4	2467	3748	0.19%	0.021%
65	24.254	3515	3517	3522	rBV5	2573	3850	0.19%	0.021%
66	24.342	3527	3532	3535	rVB7	4199	7552	0.37%	0.042%
67	24.495	3544	3558	3567	rBV6	23164	62227	3.09%	0.342%
68	24.801	3592	3610	3616	rBV10	15463	78526	3.89%	0.432%
69	25.335	3682	3701	3719	rBV2	640971	2016645	100.00%	11.089%
70	25.570	3725	3741	3756	rBV	374379	1263392	62.65%	6.947%
71	25.852	3784	3789	3791	rBV6	2375	3566	0.18%	0.020%

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72	25.935	3799	3803	3808	rBV7	3411	5521	0.27%	0.030%
73	26.111	3830	3833	3835	rBV4	2446	3075	0.15%	0.017%
74	26.158	3839	3841	3847	rVV7	2535	3661	0.18%	0.020%
75	26.258	3853	3858	3859	rBV5	4148	5050	0.25%	0.028%
76	26.375	3874	3878	3881	rBV6	3832	6234	0.31%	0.034%
77	26.634	3919	3922	3927	rVB5	2484	3158	0.16%	0.017%
78	26.769	3935	3945	3959	rVB3	37679	119698	5.94%	0.658%
79	26.910	3966	3969	3977	rBV7	2840	6780	0.34%	0.037%
80	26.975	3978	3980	3983	rVB3	3193	3620	0.18%	0.020%
81	27.104	3997	4002	4007	rBV6	3771	6945	0.34%	0.038%
82	27.533	4072	4075	4078	rBV4	3267	4270	0.21%	0.023%
83	27.686	4098	4101	4105	rVB6	4188	5550	0.28%	0.031%
84	27.938	4142	4144	4149	rBV6	2443	3825	0.19%	0.021%
85	27.974	4149	4150	4155	rVV4	3074	3191	0.16%	0.018%
86	28.244	4185	4196	4213	rBV4	38034	143071	7.09%	0.787%
87	28.502	4238	4240	4244	rVB4	2756	3125	0.15%	0.017%
88	28.543	4246	4247	4256	rVB6	1784	3429	0.17%	0.019%
89	28.761	4268	4284	4285	rVV6	7540	21244	1.05%	0.117%
90	29.754	4447	4453	4454	rBV5	2914	4793	0.24%	0.026%
91	29.901	4474	4478	4487	rBV8	2200	6432	0.32%	0.035%
92	30.036	4487	4501	4517	rBV7	26717	132195	6.56%	0.727%
93	30.471	4572	4575	4581	rBV7	3283	4717	0.23%	0.026%
94	30.670	4605	4609	4611	rBV4	2975	3214	0.16%	0.018%
95	30.858	4636	4641	4645	rVV6	2050	3907	0.19%	0.021%
96	30.905	4645	4649	4652	rVB6	2608	4112	0.20%	0.023%
97	31.105	4682	4683	4689	rBV5	2200	3473	0.17%	0.019%
98	31.305	4712	4717	4720	rBV7	1904	3217	0.16%	0.018%
99	31.493	4746	4749	4755	rVB7	2670	4095	0.20%	0.023%
100	32.221	4856	4873	4888	rVB7	21631	114960	5.70%	0.632%

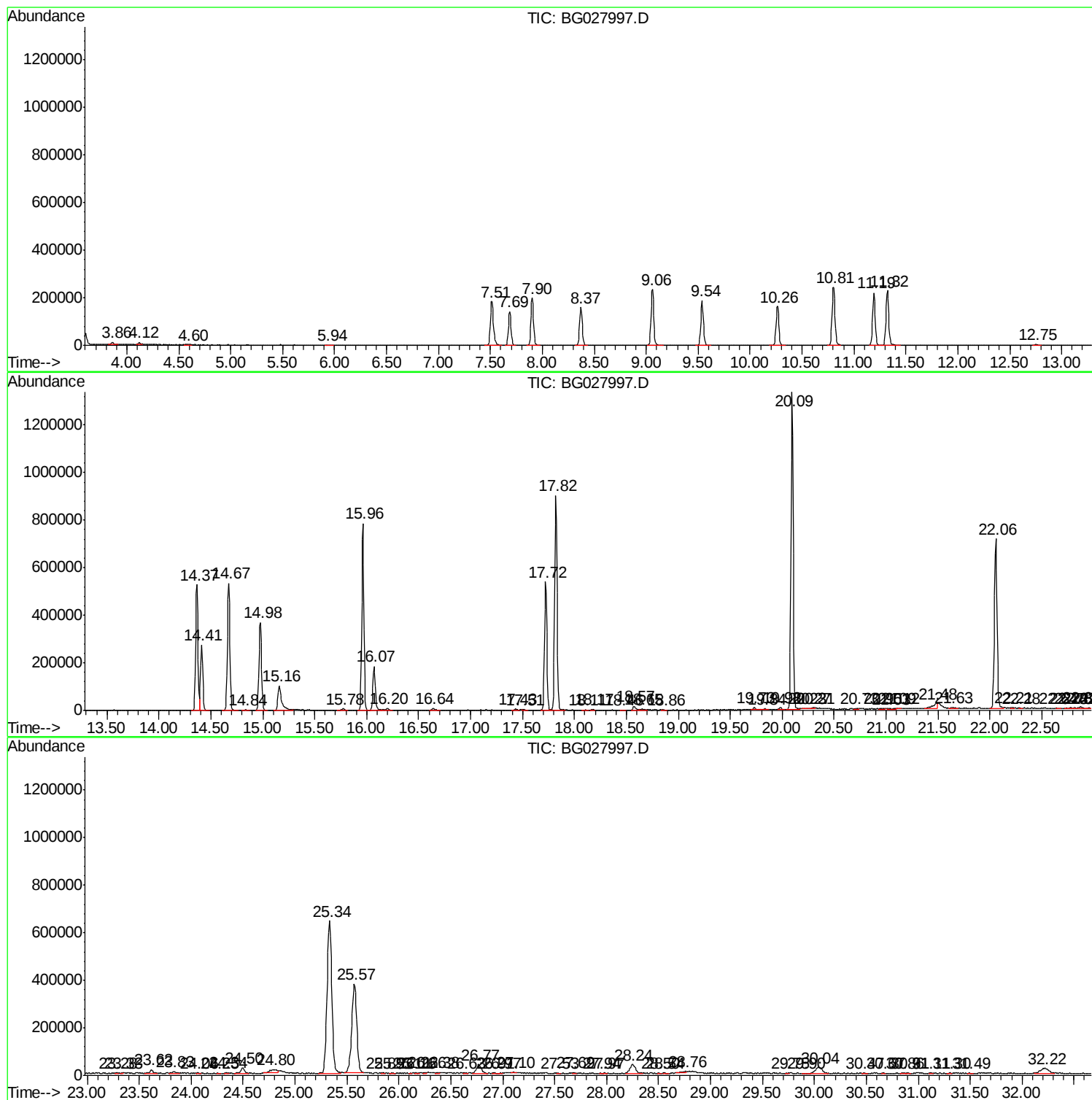
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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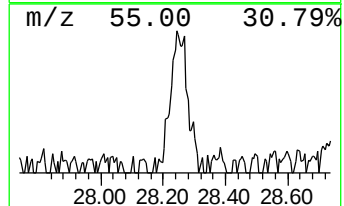
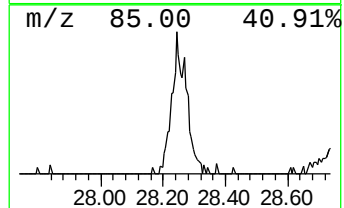
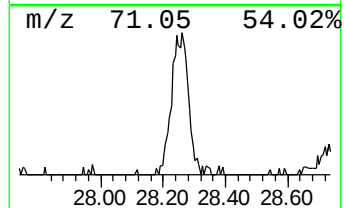
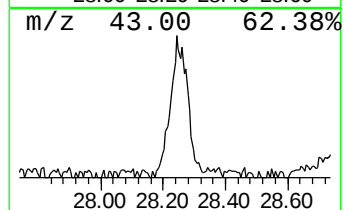
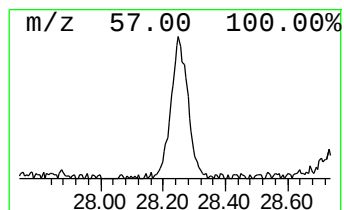
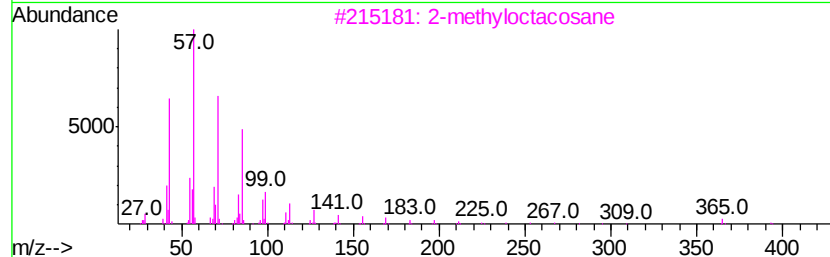
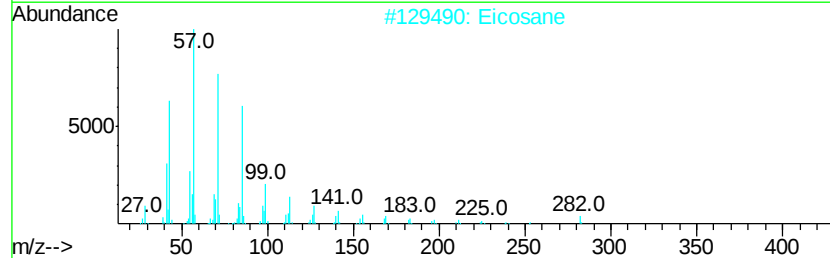
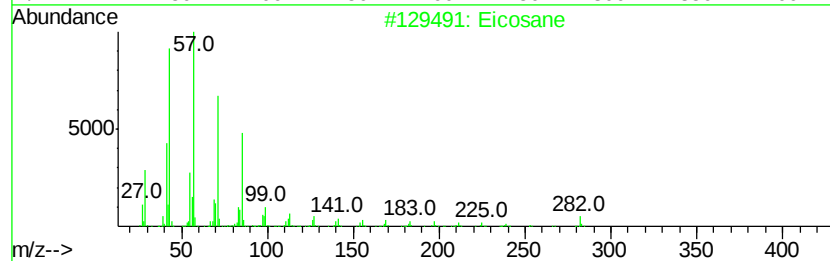
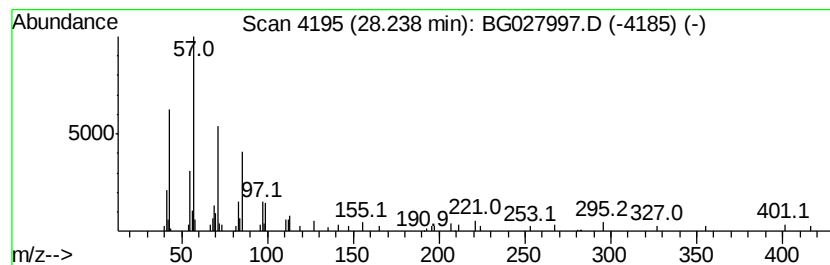
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.24	2.26 ng/ul	143071	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetracosane	338	C24H50	000646-31-1	86



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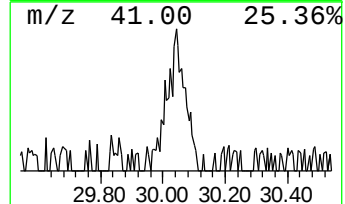
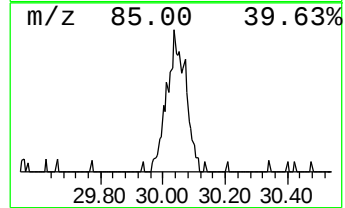
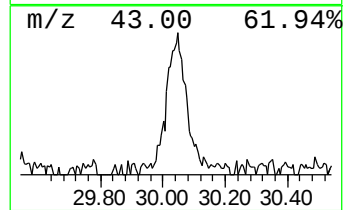
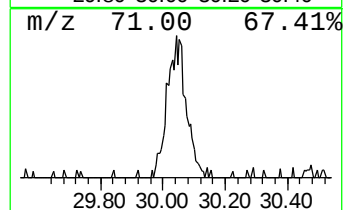
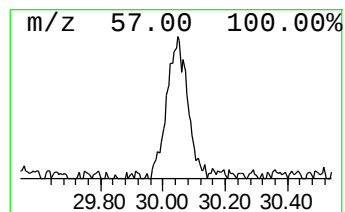
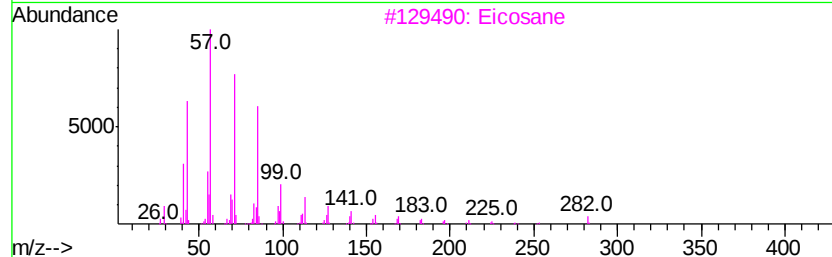
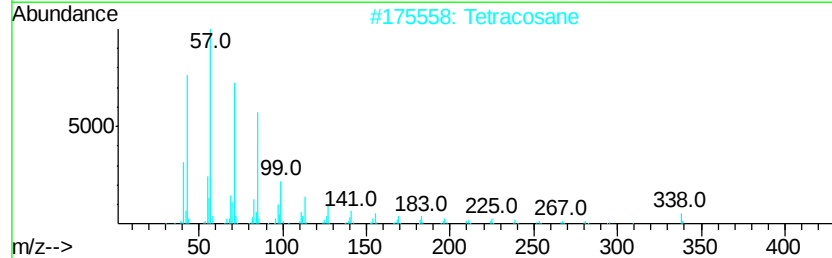
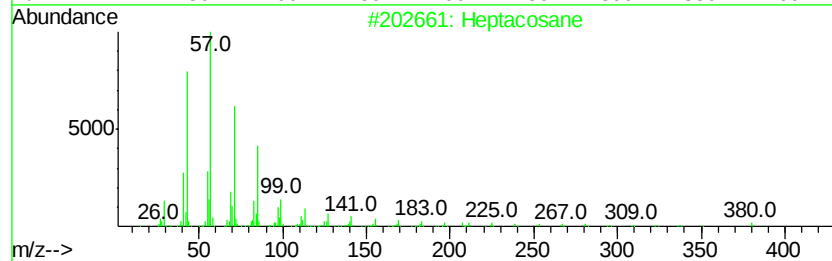
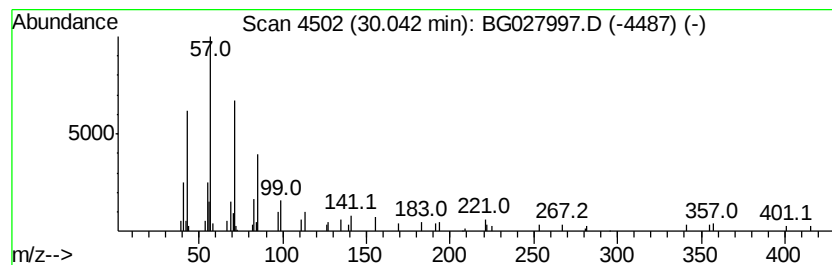
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.04	2.09 ng/ul	132195	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Tetracosane	338	C24H50	000646-31-1	80
3		Eicosane	282	C20H42	000112-95-8	74
4		Pentacosane	352	C25H52	000629-99-2	74
5		Heneicosane	296	C21H44	000629-94-7	74



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	28.24	2.3	ng/ul	143071	6	25.57	1263390	20.0
(DEL) Alkane: Str...	30.04	2.1	ng/ul	132195	6	25.57	1263390	20.0