

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023605.D
 Acq On : 10 Aug 2016 23:12
 Operator : UM/SJ
 Sample : H4384-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS003-0002-01

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-BG080416.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	3.169	54	56	60	rVB4	18332	21729	0.39%	0.038%
2	3.481	105	109	117	rVB5	35508	65014	1.17%	0.115%
3	4.015	197	200	205	rVB6	22014	35415	0.64%	0.062%
4	4.244	235	239	243	rVB4	14584	19110	0.34%	0.034%
5	5.877	515	517	522	rVB5	8217	10675	0.19%	0.019%
6	7.264	746	753	763	rBV	607345	1054790	18.96%	1.861%
7	7.422	771	780	789	rBV	486652	832528	14.97%	1.469%
8	7.640	808	817	829	rBV	581272	1011116	18.18%	1.784%
9	8.110	890	897	904	rVV	618974	1060493	19.06%	1.871%
10	8.826	1012	1019	1028	rBV	638297	1121004	20.15%	1.978%
11	9.290	1089	1098	1106	rBV	595483	1089304	19.58%	1.922%
12	10.019	1215	1222	1230	rBV	502968	927293	16.67%	1.636%
13	10.565	1308	1315	1332	rBV	729377	1429056	25.69%	2.522%
14	10.947	1372	1380	1388	rBV	887661	1635538	29.40%	2.886%
15	11.088	1395	1404	1418	rBV	649698	1263935	22.72%	2.230%
16	11.364	1448	1451	1455	rVV6	6629	11039	0.20%	0.019%
17	12.539	1646	1651	1655	rBV4	18899	30159	0.54%	0.053%
18	12.833	1696	1701	1705	rVB7	9976	14219	0.26%	0.025%
19	13.121	1747	1750	1754	rBV6	11176	15180	0.27%	0.027%
20	13.162	1754	1757	1761	rVB7	8387	12081	0.22%	0.021%
21	13.373	1787	1793	1798	rBV6	13389	25237	0.45%	0.045%
22	13.573	1824	1827	1831	rBV5	8681	11580	0.21%	0.020%
23	13.655	1838	1841	1846	rVB3	14163	23409	0.42%	0.041%
24	13.961	1889	1893	1895	rVV3	7363	11507	0.21%	0.020%
25	14.096	1912	1916	1922	rVB6	12315	23392	0.42%	0.041%
26	14.178	1922	1930	1934	rBV	1562569	2369165	42.59%	4.181%
27	14.225	1934	1938	1946	rVB	525986	783571	14.09%	1.383%
28	14.478	1972	1981	1994	rVV	1706909	2755958	49.54%	4.863%
29	14.654	2006	2011	2015	rVB5	16116	22793	0.41%	0.040%
30	14.783	2026	2033	2040	rVB2	1501389	2479759	44.58%	4.376%
31	15.000	2063	2070	2084	rBV	582882	1237969	22.25%	2.185%
32	15.182	2097	2101	2106	rVB8	18446	24822	0.45%	0.044%
33	15.253	2108	2113	2121	rBV10	13501	29159	0.52%	0.051%
34	15.394	2134	2137	2139	rVV4	16442	18986	0.34%	0.034%

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35	15.453	2142	2147	2150	rVB7	10932	15047	0.27%	0.027%
36	15.564	2161	2166	2168	rBV5	15984	28680	0.52%	0.051%
37	15.605	2169	2173	2177	rVB2	55867	77628	1.40%	0.137%
38	15.658	2180	2182	2187	rBV6	11448	16617	0.30%	0.029%
39	15.729	2191	2194	2196	rBV3	9147	11590	0.21%	0.020%
40	15.782	2196	2203	2210	rBV	2359033	3704027	66.59%	6.537%
41	15.899	2215	2223	2236	rBV	854651	1287721	23.15%	2.272%
42	16.017	2237	2243	2247	rVV4	42272	65129	1.17%	0.115%
43	16.158	2265	2267	2271	rVB4	12331	15000	0.27%	0.026%
44	16.234	2277	2280	2284	rVB6	13247	16131	0.29%	0.028%
45	16.281	2284	2288	2293	rBV8	12182	16770	0.30%	0.030%
46	16.469	2316	2320	2324	rBV2	99485	152781	2.75%	0.270%
47	16.645	2345	2350	2352	rBV6	12449	19617	0.35%	0.035%
48	16.745	2362	2367	2368	rBV5	12313	17547	0.32%	0.031%
49	16.827	2374	2381	2383	rBV6	25168	54701	0.98%	0.097%
50	16.892	2387	2392	2394	rVV6	13995	21624	0.39%	0.038%
51	16.986	2403	2408	2413	rBV8	20834	38113	0.69%	0.067%
52	17.074	2416	2423	2427	rBV5	57872	100120	1.80%	0.177%
53	17.203	2440	2445	2447	rBV6	14411	21111	0.38%	0.037%
54	17.268	2452	2456	2462	rVB2	60050	85901	1.54%	0.152%
55	17.327	2462	2466	2470	rBV6	24970	45441	0.82%	0.080%
56	17.362	2470	2472	2478	rVB4	21595	28269	0.51%	0.050%
57	17.415	2478	2481	2483	rBV3	14856	18464	0.33%	0.033%
58	17.544	2497	2503	2509	rBV2	2068977	3360140	60.40%	5.930%
59	17.585	2509	2510	2515	rVV	136115	153157	2.75%	0.270%
60	17.644	2515	2520	2528	rVB2	2542908	3950599	71.02%	6.972%
61	17.908	2561	2565	2571	rBV9	41979	99184	1.78%	0.175%
62	18.014	2580	2583	2588	rBV6	25302	36579	0.66%	0.065%
63	18.061	2588	2591	2597	rVV5	67563	87619	1.58%	0.155%
64	18.131	2600	2603	2609	rVB4	27805	48647	0.87%	0.086%
65	18.278	2625	2628	2630	rBV4	17475	19511	0.35%	0.034%
66	18.349	2636	2640	2642	rBV5	17988	22762	0.41%	0.040%
67	18.419	2647	2652	2658	rVV2	402950	646842	11.63%	1.141%
68	18.472	2658	2661	2671	rVB3	121903	223606	4.02%	0.395%
69	18.560	2673	2676	2678	rBV4	21125	23731	0.43%	0.042%
70	18.613	2681	2685	2689	rBV3	85733	148642	2.67%	0.262%
71	18.654	2689	2692	2699	rVB	85671	116882	2.10%	0.206%

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72	18.707	2699	2701	2706	rBV6	16859	32352	0.58%	0.057%
73	18.778	2709	2713	2718	rBV5	40398	81628	1.47%	0.144%
74	18.919	2733	2737	2742	rBV5	45910	89508	1.61%	0.158%
75	18.971	2742	2746	2752	rVB8	52666	105050	1.89%	0.185%
76	19.165	2770	2779	2783	rBV6	54283	116620	2.10%	0.206%
77	19.212	2783	2787	2791	rBV2	71711	99673	1.79%	0.176%
78	19.253	2791	2794	2797	rBV3	45415	45280	0.81%	0.080%
79	19.336	2803	2808	2812	rBV3	162931	235697	4.24%	0.416%
80	19.389	2813	2817	2819	rBV3	50847	70768	1.27%	0.125%
81	19.418	2819	2822	2827	rVB5	95266	145635	2.62%	0.257%
82	19.471	2827	2831	2832	rBV2	57588	65648	1.18%	0.116%
83	19.571	2846	2848	2849	rBV	37982	31851	0.57%	0.056%
84	19.600	2849	2853	2859	rVB	277035	394375	7.09%	0.696%
85	19.688	2864	2868	2872	rVB2	162091	216894	3.90%	0.383%
86	19.835	2890	2893	2898	rVB5	43624	64344	1.16%	0.114%
87	19.941	2904	2911	2922	rVV2	3409320	5562788	100.00%	9.817%
88	20.035	2923	2927	2932	rVB2	88478	127132	2.29%	0.224%
89	20.452	2990	2998	3002	rVB3	84998	203949	3.67%	0.360%
90	20.516	3007	3009	3010	rBV2	26883	21711	0.39%	0.038%
91	20.616	3023	3026	3029	rVB	85427	91039	1.64%	0.161%
92	20.757	3046	3050	3054	rBV	103108	154818	2.78%	0.273%
93	20.804	3055	3058	3060	rVV3	64215	65519	1.18%	0.116%
94	21.474	3168	3172	3175	rBV4	90326	130623	2.35%	0.231%
95	21.868	3231	3239	3245	rBV	2301609	3951171	71.03%	6.973%
96	23.389	3496	3498	3504	rVB7	60497	93668	1.68%	0.165%
97	24.241	3640	3643	3653	rVB3	172121	356796	6.41%	0.630%
98	25.028	3767	3777	3787	rBV2	1452773	4003443	71.97%	7.065%
99	25.263	3807	3817	3828	rBV2	1215657	3561825	64.03%	6.286%
100	26.438	4014	4017	4027	rVB3	117569	273821	4.92%	0.483%

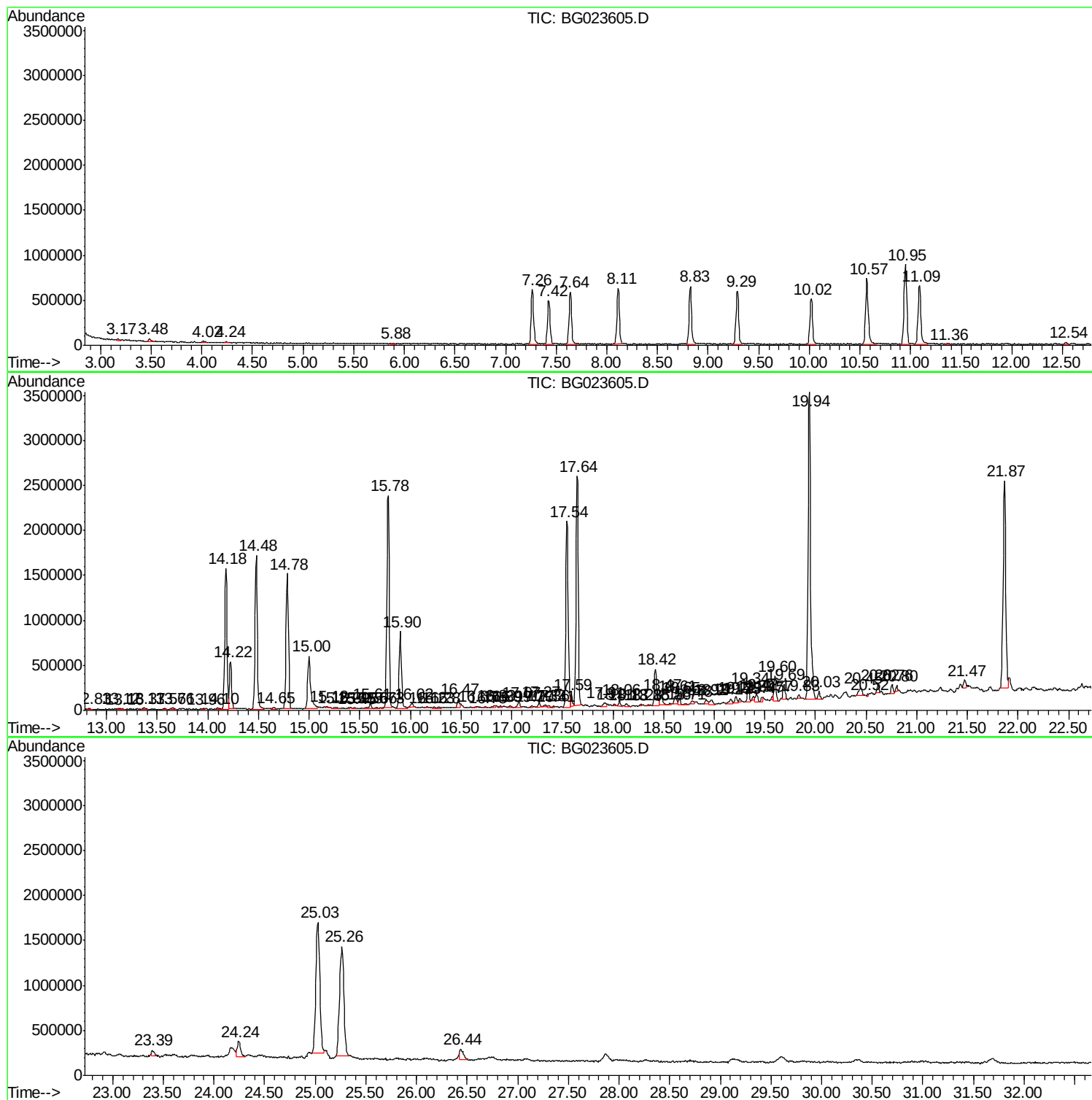
Sum of corrected areas: 56666541

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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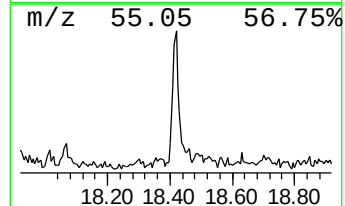
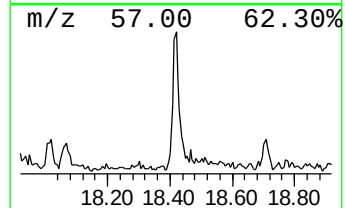
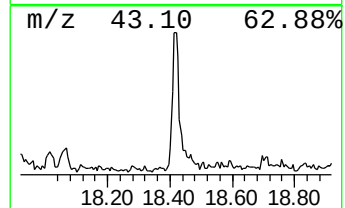
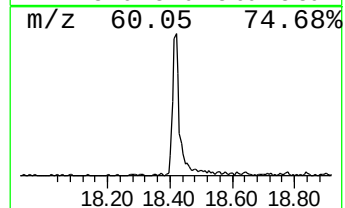
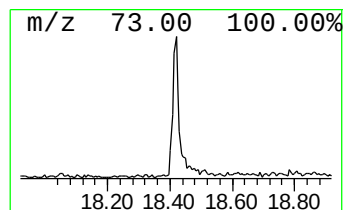
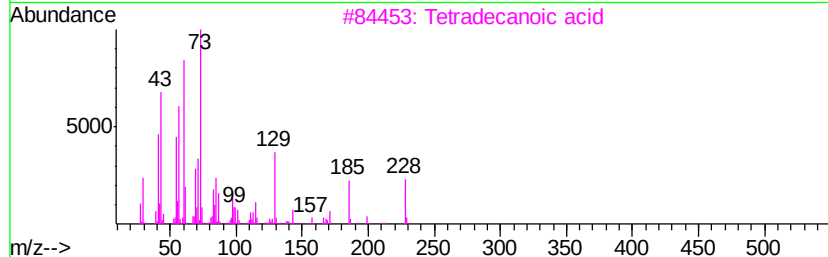
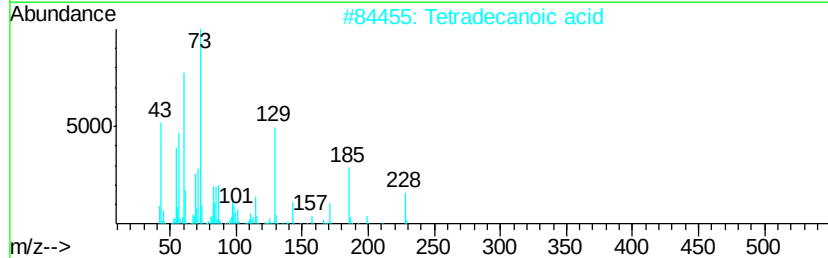
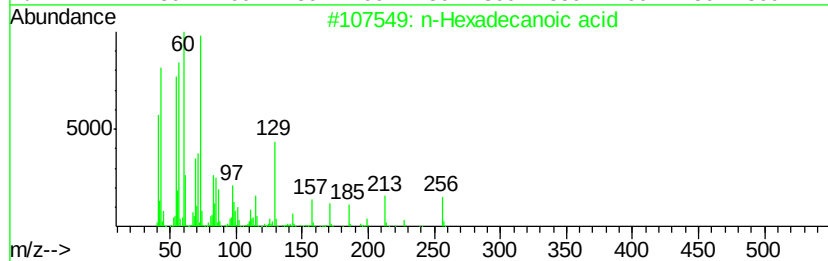
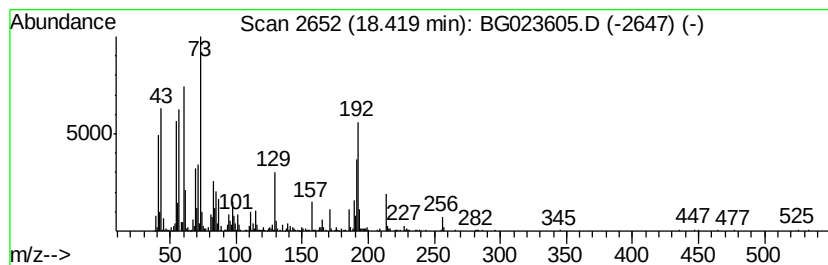
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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.
18.42	3.85 ng/ul	646842	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60



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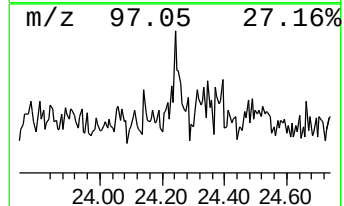
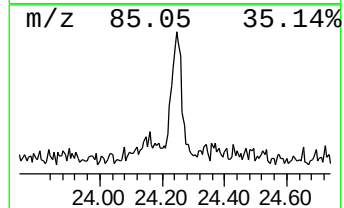
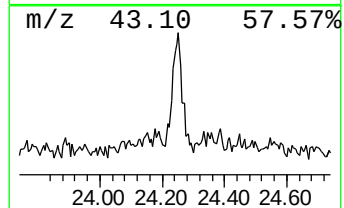
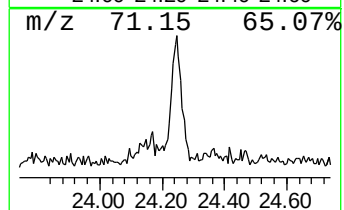
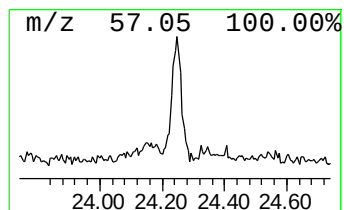
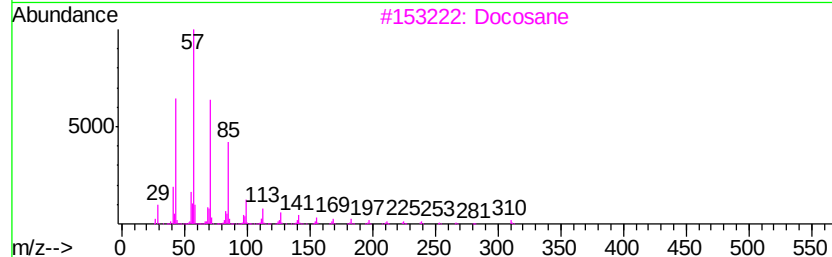
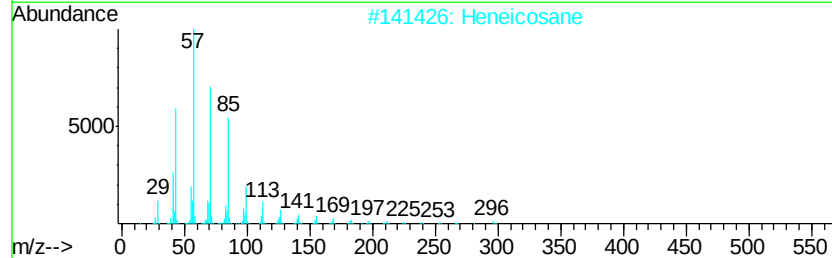
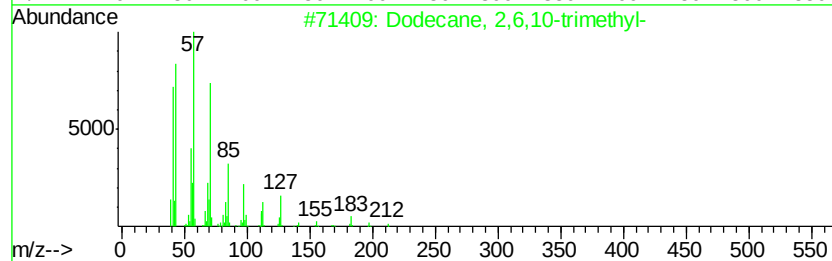
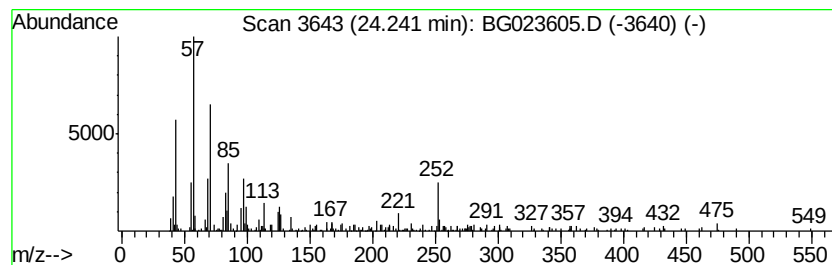
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
24.24	2.00 ng/ul	356796	Perylene-d12		25.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
2	Heneicosane	296	C21H44	000629-94-7	55
3	Docosane	310	C22H46	000629-97-0	55
4	Heptadecane	240	C17H36	000629-78-7	50
5	Docosane	310	C22H46	000629-97-0	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.42	3.9	ng/ul	646842	4	17.54	3360140	20.0
(DEL) Alkane: Str...	24.24	2.0	ng/ul	356796	6	25.26	3561830	20.0