

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023528.D
 Acq On : 6 Aug 2016 18:26
 Operator : UM/SJ
 Sample : H4249-22
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJR3

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	3.170	55	56	61	rBV3	10227	10509	0.17%	0.016%
2	3.487	107	110	114	rVB4	18947	28882	0.47%	0.045%
3	4.250	235	240	246	rBV5	13240	20005	0.32%	0.031%
4	5.184	396	399	405	rBV5	7492	18594	0.30%	0.029%
5	7.270	747	754	766	rBV	701695	1273691	20.67%	1.964%
6	7.434	775	782	791	rVB	570153	968249	15.71%	1.493%
7	7.646	807	818	828	rBV	669801	1185704	19.24%	1.828%
8	8.116	891	898	908	rVV	554171	981274	15.93%	1.513%
9	8.421	945	950	953	rBV7	9119	15761	0.26%	0.024%
10	8.592	975	979	984	rVB6	6694	11666	0.19%	0.018%
11	8.827	1012	1019	1028	rVV2	906492	1589992	25.80%	2.452%
12	9.291	1090	1098	1105	rBV	721912	1279369	20.76%	1.973%
13	9.408	1111	1118	1129	rBV5	35437	88417	1.43%	0.136%
14	10.019	1215	1222	1237	rBV	628963	1135285	18.43%	1.751%
15	10.571	1309	1316	1329	rBV	861390	1696685	27.54%	2.616%
16	10.812	1353	1357	1363	rBV8	6098	13533	0.22%	0.021%
17	10.947	1371	1380	1388	rBV	853887	1549544	25.15%	2.389%
18	11.088	1393	1404	1415	rBV	844522	1631887	26.48%	2.516%
19	12.533	1645	1650	1655	rVB6	19491	33798	0.55%	0.052%
20	13.121	1746	1750	1754	rBV6	9364	16066	0.26%	0.025%
21	13.215	1760	1766	1770	rBV5	6390	12300	0.20%	0.019%
22	13.368	1790	1792	1797	rVB6	13577	19881	0.32%	0.031%
23	13.649	1838	1840	1844	rVB4	12952	17410	0.28%	0.027%
24	14.178	1923	1930	1934	rVV	2021389	3079475	49.98%	4.748%
25	14.225	1934	1938	1945	rVV	1503141	2096604	34.03%	3.233%
26	14.478	1973	1981	1990	rBV	2019319	3327112	54.00%	5.130%
27	14.595	2000	2001	2006	rBV5	6859	9833	0.16%	0.015%
28	14.648	2006	2010	2015	rVV2	51609	72981	1.18%	0.113%
29	14.719	2019	2022	2026	rBV6	8948	14129	0.23%	0.022%
30	14.783	2026	2033	2041	rVV2	1532077	2501307	40.59%	3.857%
31	14.860	2041	2046	2048	rVB5	8355	10372	0.17%	0.016%
32	14.989	2062	2068	2082	rBV	686875	1493882	24.24%	2.304%
33	15.147	2092	2095	2098	rVB5	14113	15718	0.26%	0.024%
34	15.206	2102	2105	2109	rVB6	11292	14720	0.24%	0.023%

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35	15.265	2111	2115	2120	rBV7	18465	30771	0.50%	0.047%
36	15.341	2125	2128	2130	rVV4	14604	17838	0.29%	0.028%
37	15.559	2160	2165	2168	rBV	42019	57375	0.93%	0.088%
38	15.606	2168	2173	2176	rVV	125205	157166	2.55%	0.242%
39	15.670	2179	2184	2188	rBV7	13746	28561	0.46%	0.044%
40	15.776	2195	2202	2212	rVV	3002337	4621508	75.00%	7.126%
41	15.899	2216	2223	2234	rVV	1102497	1700313	27.60%	2.622%
42	16.017	2234	2243	2247	rVV4	82587	171007	2.78%	0.264%
43	16.052	2247	2249	2254	rVV6	14768	21267	0.35%	0.033%
44	16.105	2254	2258	2262	rVV4	17289	26874	0.44%	0.041%
45	16.164	2264	2268	2274	rBV9	18824	38214	0.62%	0.059%
46	16.234	2276	2280	2282	rVB5	18131	23241	0.38%	0.036%
47	16.352	2298	2300	2306	rVB7	13519	17468	0.28%	0.027%
48	16.422	2310	2312	2314	rVB3	16609	10955	0.18%	0.017%
49	16.469	2316	2320	2330	rVV2	122542	242525	3.94%	0.374%
50	16.739	2362	2366	2367	rBV3	12316	16190	0.26%	0.025%
51	16.810	2375	2378	2383	rBV6	22448	39963	0.65%	0.062%
52	16.880	2386	2390	2393	rVB6	11510	14429	0.23%	0.022%
53	16.933	2396	2399	2402	rVB4	12889	17927	0.29%	0.028%
54	16.980	2403	2407	2410	rBV6	20723	26193	0.43%	0.040%
55	17.051	2415	2419	2421	rBV5	18095	28752	0.47%	0.044%
56	17.133	2431	2433	2435	rVB3	11828	11375	0.18%	0.018%
57	17.268	2451	2456	2460	rBV	94888	125281	2.03%	0.193%
58	17.321	2460	2465	2470	rVB8	41525	73375	1.19%	0.113%
59	17.427	2481	2483	2485	rBV3	10526	10013	0.16%	0.015%
60	17.544	2495	2503	2509	rBV2	2131449	3351457	54.39%	5.168%
61	17.644	2513	2520	2529	rVV2	3362314	5328666	86.48%	8.217%
62	17.744	2535	2537	2540	rVB3	12783	11276	0.18%	0.017%
63	17.809	2546	2548	2554	rVB6	16454	28419	0.46%	0.044%
64	17.914	2561	2566	2567	rBV5	22163	33011	0.54%	0.051%
65	18.008	2579	2582	2588	rVB2	56097	79909	1.30%	0.123%
66	18.055	2588	2590	2592	rBV3	11485	10302	0.17%	0.016%
67	18.120	2599	2601	2605	rVB5	10023	10930	0.18%	0.017%
68	18.185	2611	2612	2619	rVV7	17706	24940	0.40%	0.038%
69	18.290	2626	2630	2631	rBV4	13700	12845	0.21%	0.020%
70	18.414	2645	2651	2660	rBV2	385115	598961	9.72%	0.924%
71	18.490	2662	2664	2672	rVB3	23987	34505	0.56%	0.053%

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72	18.701	2697	2700	2704	rBV5	16978	24691	0.40%	0.038%
73	18.784	2709	2714	2717	rBV7	20355	37182	0.60%	0.057%
74	18.831	2720	2722	2725	rBV4	11991	12554	0.20%	0.019%
75	19.571	2841	2848	2851	rBV2	63598	115106	1.87%	0.177%
76	19.682	2863	2867	2879	rBV2	120901	210156	3.41%	0.324%
77	19.823	2888	2891	2897	rVB2	49632	66377	1.08%	0.102%
78	19.935	2903	2910	2920	rVB	4206270	6161623	100.00%	9.501%
79	20.716	3041	3043	3044	rBV2	14945	11182	0.18%	0.017%
80	21.468	3167	3171	3177	rBV7	87642	176108	2.86%	0.272%
81	21.856	3231	3237	3245	rBV	2103841	3609208	58.58%	5.565%
82	22.667	3371	3375	3378	rBV5	32251	44670	0.72%	0.069%
83	22.731	3381	3386	3390	rBV8	27974	52023	0.84%	0.080%
84	23.389	3493	3498	3503	rBV3	55238	96611	1.57%	0.149%
85	24.229	3634	3641	3648	rVB4	96748	196964	3.20%	0.304%
86	24.922	3757	3759	3760	rBV2	16534	13282	0.22%	0.020%
87	25.011	3762	3774	3787	rVV2	1917656	5732968	93.04%	8.840%
88	25.240	3803	3813	3826	rVB2	1237056	3675838	59.66%	5.668%
89	25.745	3897	3899	3901	rBV3	14704	10558	0.17%	0.016%
90	26.409	4007	4012	4023	rVB4	120655	330438	5.36%	0.510%
91	26.714	4062	4064	4065	rBV2	17925	11914	0.19%	0.018%
92	27.507	4197	4199	4201	rBV3	14010	13943	0.23%	0.021%
93	27.830	4245	4254	4265	rBV5	113683	394675	6.41%	0.609%
94	28.988	4449	4451	4452	rBV2	14042	10297	0.17%	0.016%
95	29.228	4490	4492	4494	rBV3	14149	11512	0.19%	0.018%
96	29.546	4534	4546	4548	rBV6	89442	222438	3.61%	0.343%
97	29.728	4574	4577	4578	rBV3	17890	18932	0.31%	0.029%
98	30.556	4716	4718	4721	rBV4	12980	10180	0.17%	0.016%
99	31.625	4886	4900	4904	rBV7	64359	279276	4.53%	0.431%
100	32.277	5010	5011	5013	rBV2	15144	13000	0.21%	0.020%

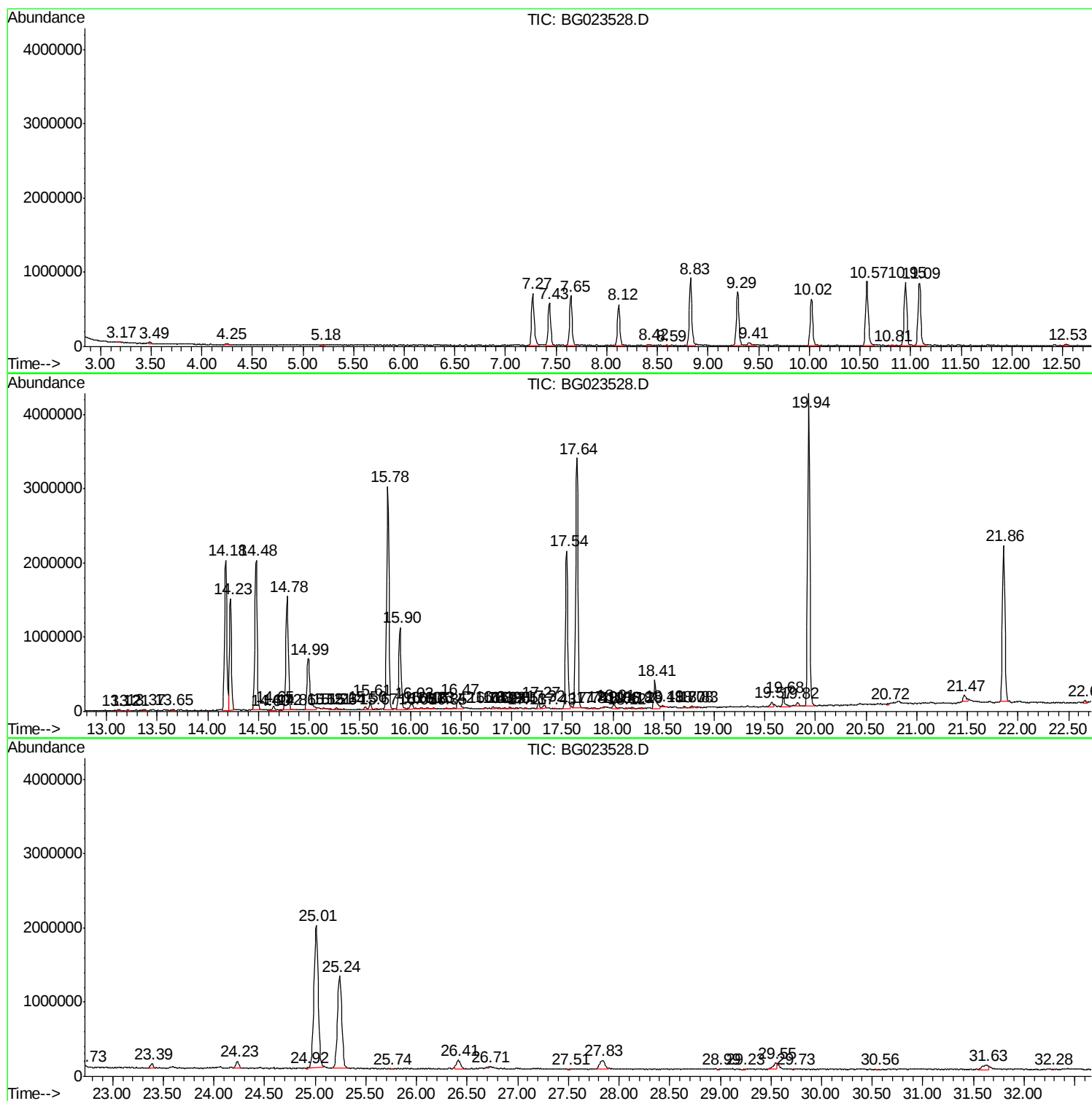
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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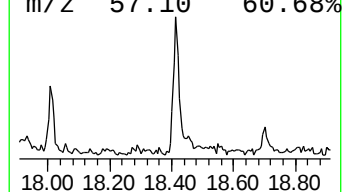
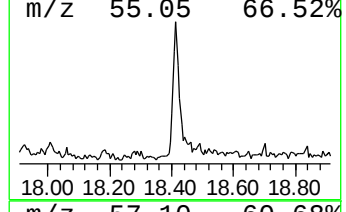
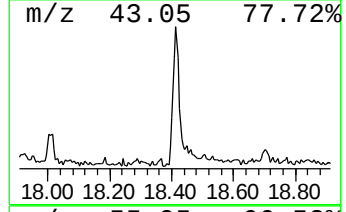
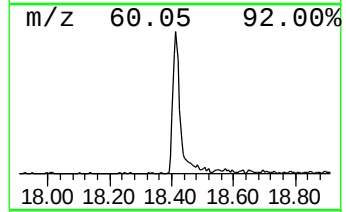
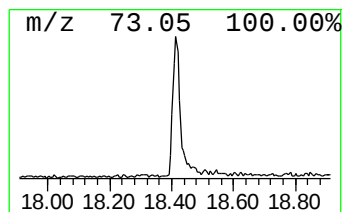
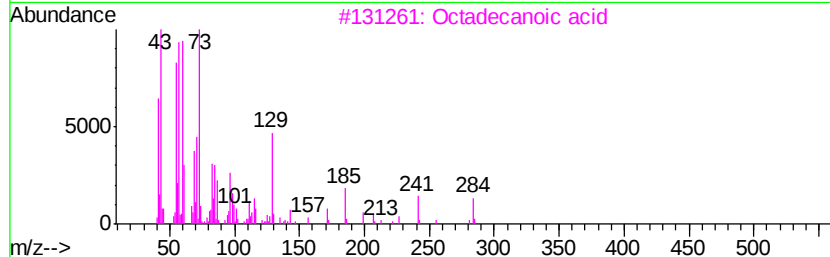
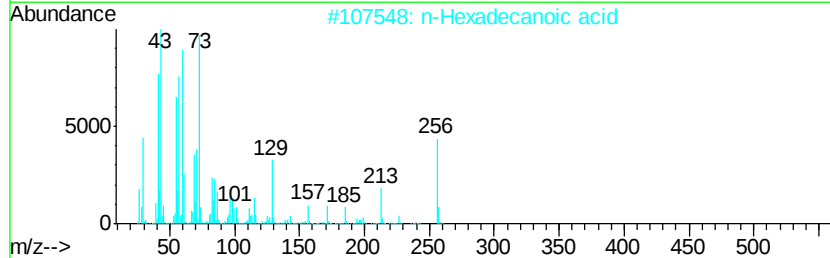
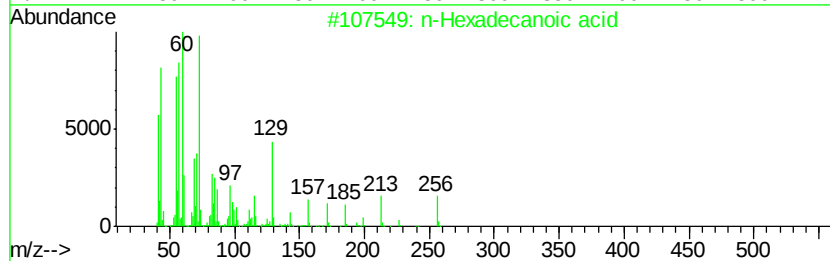
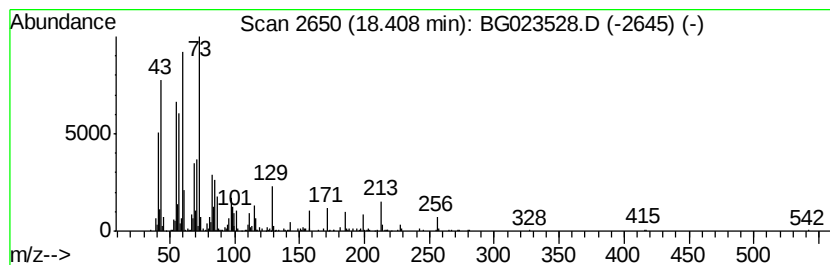
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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.
18.41	3.57 ng/ul	598961	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76



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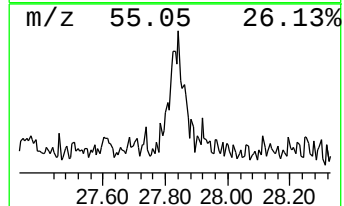
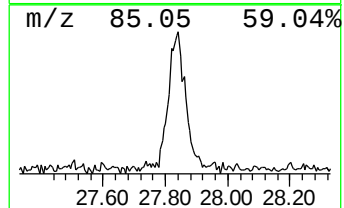
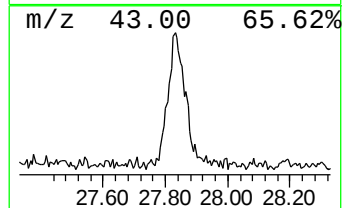
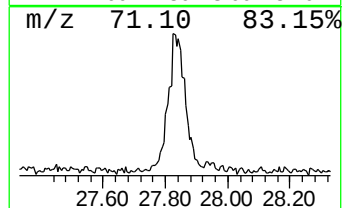
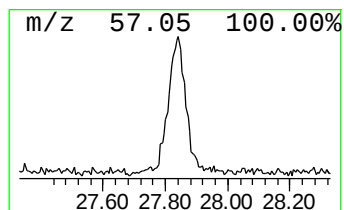
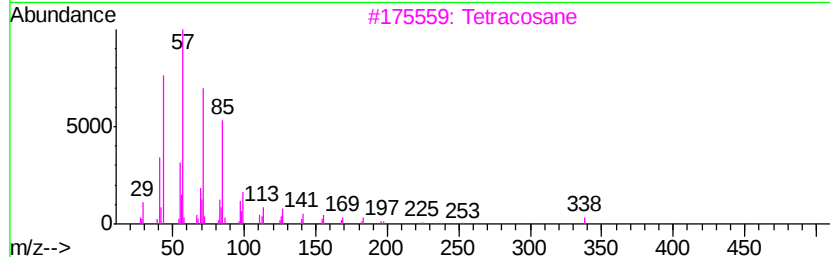
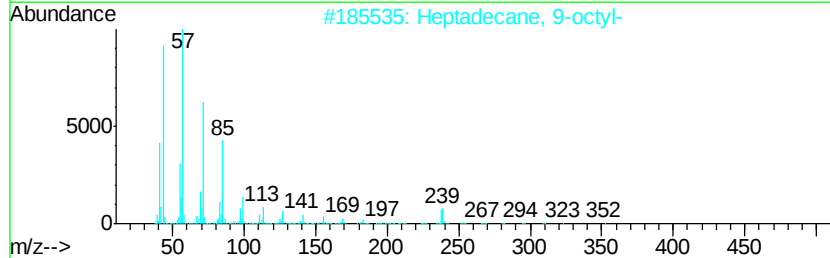
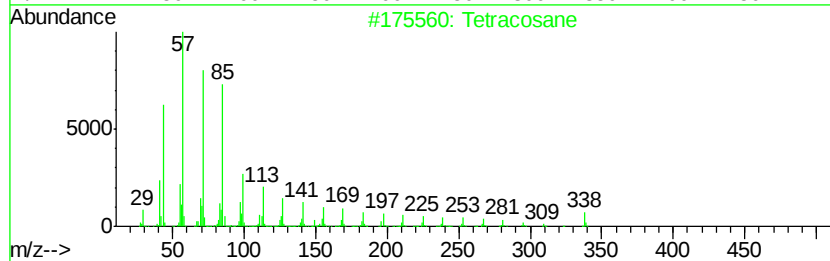
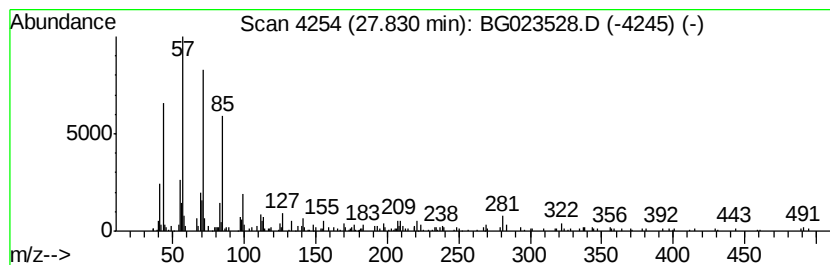
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.83	2.15 ng/ul	394675	Perylene-d12	25.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	87
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3			Tetracosane	338	C24H50	000646-31-1	83
4			Tetracosane	338	C24H50	000646-31-1	83
5			Hexadecane	226	C16H34	000544-76-3	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	3.6	ng/ul	598961	4	17.54	3351460	20.0
(DEL) Alkane: Str...	27.83	2.1	ng/ul	394675	6	25.24	3675840	20.0