

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028406.D
 Acq On : 22 Aug 2017 2:37
 Operator : SJ/JU
 Sample : I4827-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AE4

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-BG080217.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	3.830	37	41	49	rVB6	9469	19470	1.38%	0.123%
2	4.229	108	109	119	rVB5	1477	3224	0.23%	0.020%
3	4.335	122	127	135	rBV4	10317	22861	1.62%	0.145%
4	4.775	196	202	207	rVB6	3617	7089	0.50%	0.045%
5	4.840	210	213	221	rVB3	2041	3231	0.23%	0.020%
6	4.917	221	226	229	rBV4	4125	5586	0.40%	0.035%
7	5.351	296	300	301	rBV2	3630	3414	0.24%	0.022%
8	5.457	310	318	324	rBV6	5626	13019	0.93%	0.082%
9	5.539	326	332	340	rVB5	4300	10491	0.75%	0.066%
10	6.227	441	449	454	rBV4	1689	4731	0.34%	0.030%
11	6.421	477	482	484	rBV4	2518	3425	0.24%	0.022%
12	6.550	503	504	511	rVB6	2323	3397	0.24%	0.021%
13	6.714	526	532	535	rBV4	1876	3964	0.28%	0.025%
14	6.955	568	573	575	rVV4	1813	3249	0.23%	0.021%
15	6.979	575	577	584	rVB4	2849	4529	0.32%	0.029%
16	7.061	587	591	595	rVB2	1828	3032	0.22%	0.019%
17	7.243	616	622	627	rVB2	2242	3339	0.24%	0.021%
18	7.367	635	643	648	rBV4	2827	6512	0.46%	0.041%
19	7.496	657	665	678	rBV	188005	381990	27.14%	2.416%
20	7.660	685	693	702	rBV	139673	241933	17.19%	1.530%
21	7.878	721	730	746	rBV	186969	342002	24.30%	2.163%
22	8.348	802	810	820	rVB2	166151	305047	21.67%	1.929%
23	8.694	863	869	871	rVB3	1738	3203	0.23%	0.020%
24	8.718	871	873	881	rBV3	2074	5186	0.37%	0.033%
25	9.041	917	928	939	rBV2	184270	355945	25.29%	2.251%
26	9.182	951	952	960	rVB2	2355	3880	0.28%	0.025%
27	9.511	1000	1008	1020	rBV	193019	365739	25.99%	2.313%
28	10.128	1108	1113	1116	rBV3	2227	3291	0.23%	0.021%
29	10.234	1121	1131	1142	rBV2	166983	311218	22.11%	1.968%
30	10.463	1160	1170	1176	rBV8	5358	17287	1.23%	0.109%
31	10.780	1217	1224	1242	rBV2	240819	464034	32.97%	2.935%
32	10.909	1242	1246	1251	rBV3	2046	3382	0.24%	0.021%
33	11.080	1271	1275	1281	rBV3	1518	3413	0.24%	0.022%
34	11.162	1281	1289	1300	rVB	239616	454400	32.29%	2.874%

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35	11.297	1304	1312	1325	rBV	186045	379280	26.95%	2.399%
36	11.573	1354	1359	1366	rBV3	2384	5078	0.36%	0.032%
37	11.673	1370	1376	1378	rBV3	2136	2996	0.21%	0.019%
38	12.613	1530	1536	1541	rBV4	2786	4355	0.31%	0.028%
39	12.719	1550	1554	1563	rBV5	4431	8182	0.58%	0.052%
40	13.213	1633	1638	1639	rBV3	3638	4242	0.30%	0.027%
41	13.295	1647	1652	1660	rBV5	4339	9023	0.64%	0.057%
42	13.542	1689	1694	1699	rBV5	5028	7247	0.51%	0.046%
43	13.877	1749	1751	1756	rVB4	1947	2939	0.21%	0.019%
44	14.264	1813	1817	1820	rVB5	2802	3151	0.22%	0.020%
45	14.341	1820	1830	1834	rBV	499086	747057	53.08%	4.725%
46	14.388	1834	1838	1845	rVB	150337	215024	15.28%	1.360%
47	14.646	1874	1882	1893	rVB	522604	818112	58.13%	5.174%
48	14.805	1904	1909	1914	rVB4	7506	11780	0.84%	0.075%
49	14.881	1918	1922	1925	rBV3	2168	2956	0.21%	0.019%
50	14.952	1925	1934	1942	rVB2	416681	672656	47.79%	4.254%
51	15.069	1952	1954	1958	rVB2	2519	2905	0.21%	0.018%
52	15.152	1960	1968	1987	rBV2	134078	295920	21.03%	1.872%
53	15.298	1989	1993	1997	rVV6	4892	7409	0.53%	0.047%
54	15.345	1997	2001	2008	rVB6	19519	35312	2.51%	0.223%
55	15.486	2022	2025	2031	rVB5	2763	4918	0.35%	0.031%
56	15.704	2059	2062	2066	rBV5	3360	5272	0.37%	0.033%
57	15.751	2066	2070	2075	rVB3	19826	26669	1.89%	0.169%
58	15.939	2094	2102	2110	rBV	722322	1114587	79.19%	7.049%
59	15.998	2110	2112	2114	rVB3	3292	3192	0.23%	0.020%
60	16.056	2115	2122	2132	rBV	243817	373557	26.54%	2.363%
61	16.180	2132	2143	2151	rVV10	10342	31547	2.24%	0.200%
62	16.250	2151	2155	2158	rVB2	3902	5756	0.41%	0.036%
63	16.303	2161	2164	2168	rVV5	3647	5279	0.38%	0.033%
64	16.380	2173	2177	2183	rBV5	3853	6805	0.48%	0.043%
65	16.444	2185	2188	2191	rBV4	2071	3037	0.22%	0.019%
66	16.568	2204	2209	2211	rBV4	3002	4324	0.31%	0.027%
67	16.615	2212	2217	2225	rVB	21608	37468	2.66%	0.237%
68	16.808	2243	2250	2257	rVB9	4520	10332	0.73%	0.065%
69	16.885	2257	2263	2268	rBV5	3313	7698	0.55%	0.049%
70	16.944	2270	2273	2279	rBV7	2824	6167	0.44%	0.039%
71	17.020	2283	2286	2290	rVB4	3078	4117	0.29%	0.026%

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72	17.067	2290	2294	2299	rBV6	4232	5728	0.41%	0.036%
73	17.120	2300	2303	2309	rVV6	2554	4278	0.30%	0.027%
74	17.214	2309	2319	2327	rVB4	21629	34971	2.48%	0.221%
75	17.402	2347	2351	2358	rVB2	14230	21435	1.52%	0.136%
76	17.466	2358	2362	2363	rBV3	4715	6619	0.47%	0.042%
77	17.572	2372	2380	2384	rVB7	3785	9936	0.71%	0.063%
78	17.702	2395	2402	2412	rBV2	529911	853561	60.65%	5.398%
79	17.801	2412	2419	2428	rVV	743244	1176959	83.63%	7.444%
80	17.872	2429	2431	2434	rVB4	5144	5389	0.38%	0.034%
81	17.954	2440	2445	2449	rVB6	3718	5663	0.40%	0.036%
82	18.025	2452	2457	2461	rBV3	4814	7007	0.50%	0.044%
83	18.148	2474	2478	2481	rBV5	7128	9294	0.66%	0.059%
84	18.330	2505	2509	2514	rBV6	4759	7171	0.51%	0.045%
85	18.377	2516	2517	2523	rBV4	3706	6572	0.47%	0.042%
86	18.548	2541	2546	2556	rBV	72895	139369	9.90%	0.881%
87	18.783	2584	2586	2588	rBV3	3966	3364	0.24%	0.021%
88	18.924	2602	2610	2613	rBV6	11809	25146	1.79%	0.159%
89	19.082	2632	2637	2641	rBV8	4969	8958	0.64%	0.057%
90	19.447	2698	2699	2708	rVB9	6323	13802	0.98%	0.087%
91	19.570	2717	2720	2722	rBV4	5893	7632	0.54%	0.048%
92	19.705	2740	2743	2748	rBV2	11403	15209	1.08%	0.096%
93	19.799	2756	2759	2769	rBV9	25411	52866	3.76%	0.334%
94	19.958	2784	2786	2792	rVB5	10772	12028	0.85%	0.076%
95	20.075	2799	2806	2815	rVB	947551	1407409	100.00%	8.901%
96	22.026	3131	3138	3148	rVB	562134	1009934	71.76%	6.387%
97	24.441	3545	3549	3556	rVB3	34826	72044	5.12%	0.456%
98	25.293	3683	3694	3705	rVB3	443107	1350064	95.93%	8.538%
99	25.528	3718	3734	3748	rVB2	308926	1105349	78.54%	6.991%
100	26.691	3927	3932	3944	rVB4	55149	161183	11.45%	1.019%

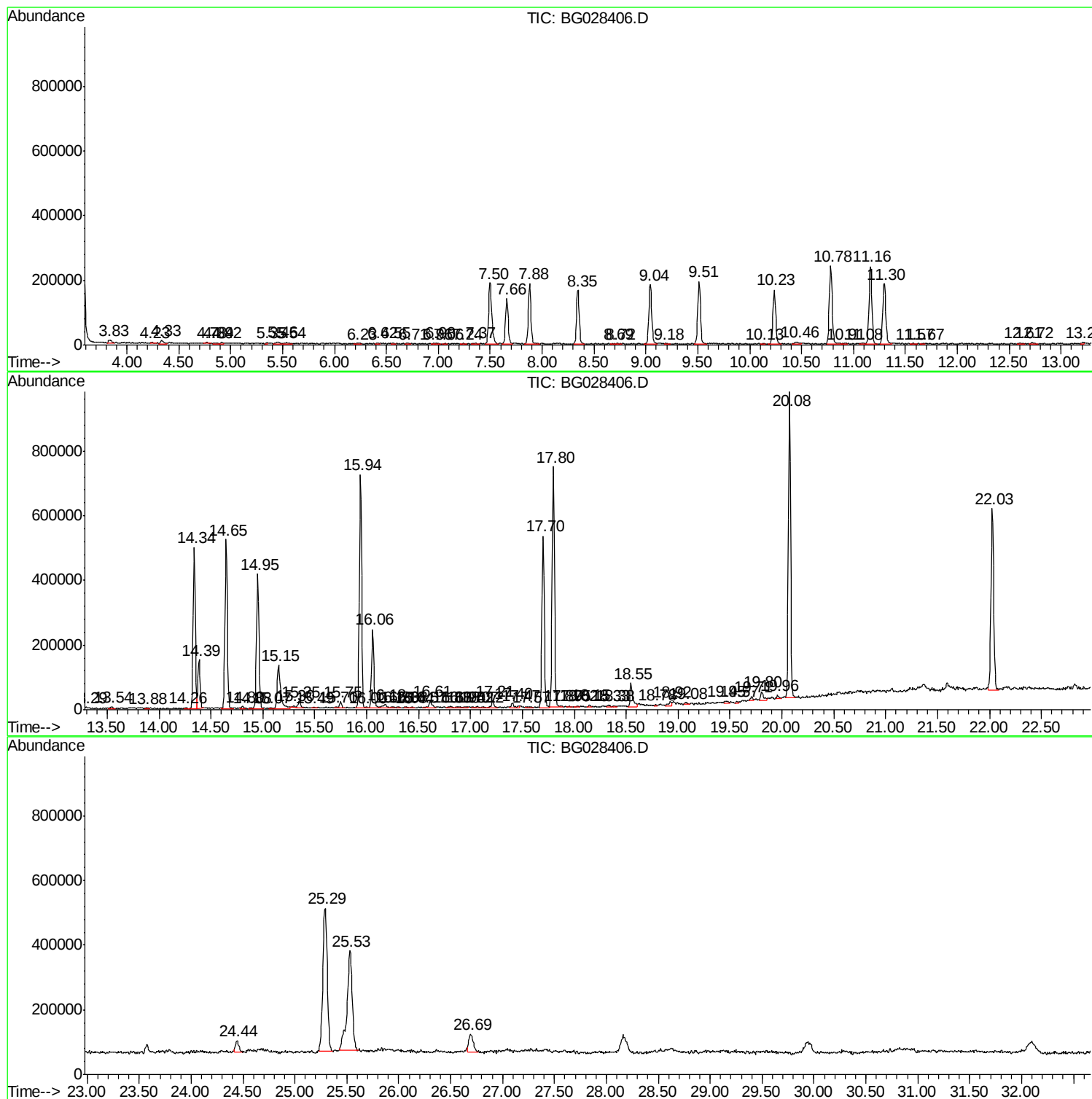
Sum of corrected areas: 15811802

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



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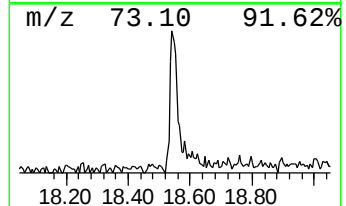
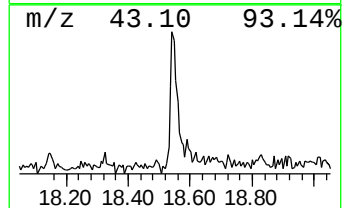
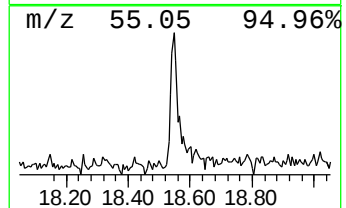
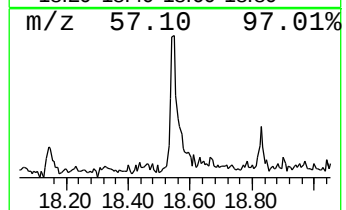
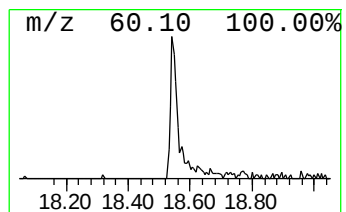
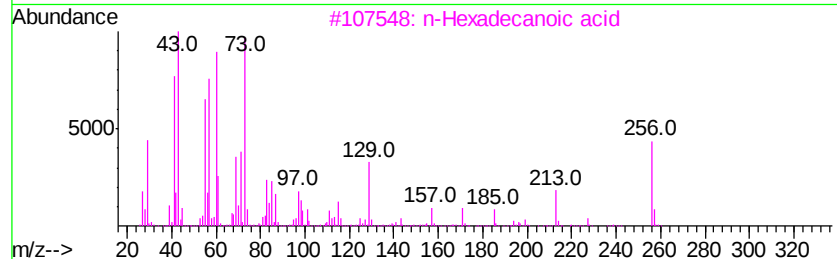
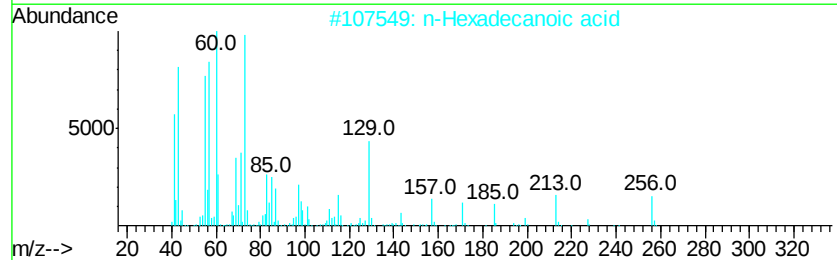
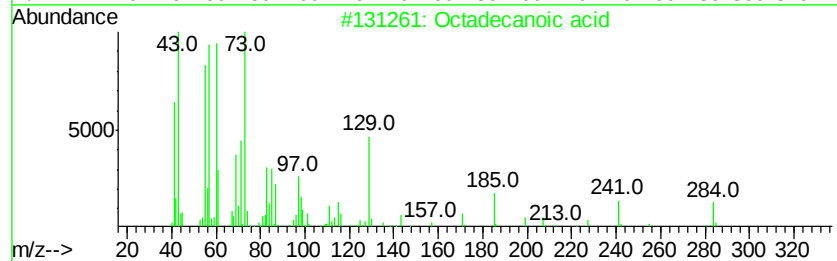
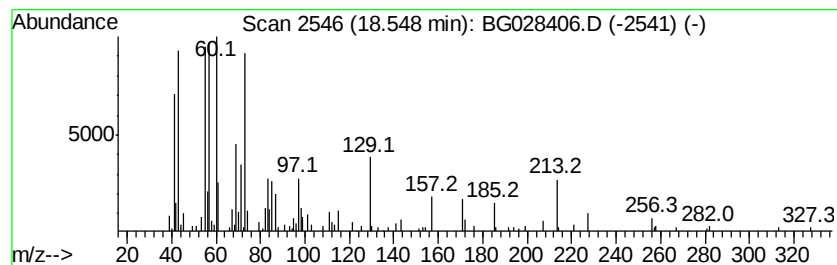
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.55	3.27 ng/ul	139369	Phenanthrene-d10		17.70		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	86
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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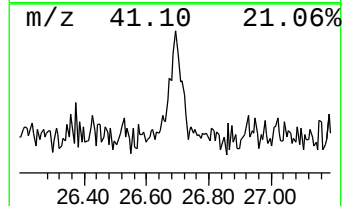
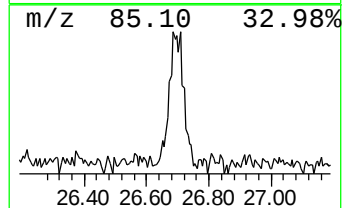
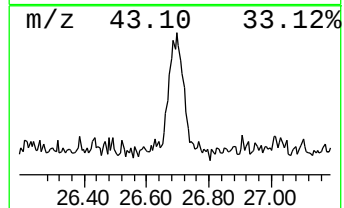
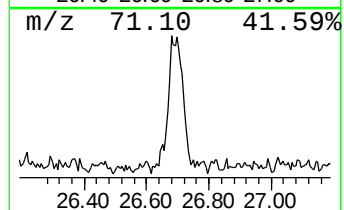
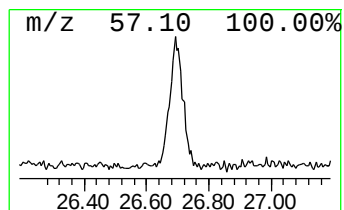
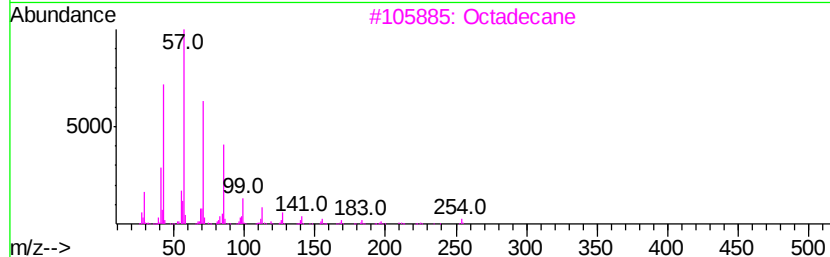
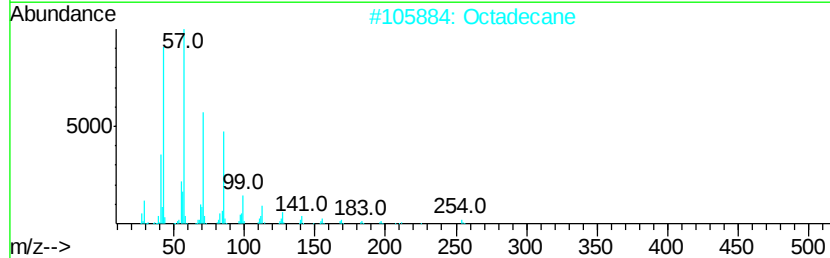
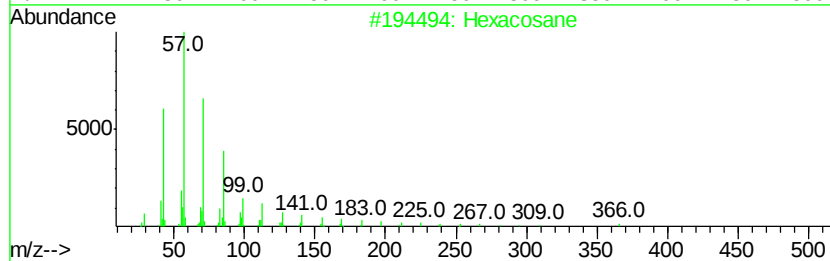
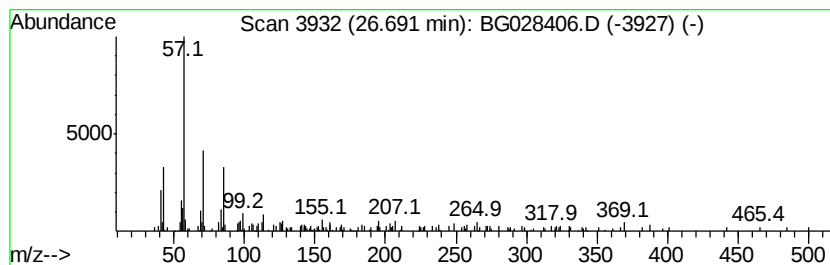
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	2.92 ng/ul	161183	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octadecane	254	C18H38	000593-45-3	83
3		Octadecane	254	C18H38	000593-45-3	64
4		Tricosane	324	C23H48	000638-67-5	58
5		Heptadecane	240	C17H36	000629-78-7	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octadecanoic acid	18.55	3.3	ng/ul	139369	4	17.70	853561	20.0
(DEL) Alkane: Str...	26.69	2.9	ng/ul	161183	6	25.53	1105350	20.0