

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024290.D
 Acq On : 12 Oct 2016 7:47
 Operator : UM/SJ
 Sample : H5113-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP68

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\SOM02.2-EPA-BG0100716.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	3.649	134	138	142	rVB5	30287	46684	0.93%	0.078%
2	4.401	263	266	273	rVB8	15088	28763	0.57%	0.048%
3	5.071	377	380	384	rBV4	15380	19917	0.40%	0.033%
4	5.236	404	408	411	rVB3	14969	21175	0.42%	0.036%
5	5.471	445	448	452	rBV4	7656	14724	0.29%	0.025%
6	5.776	497	500	504	rVB6	11816	15614	0.31%	0.026%
7	5.905	517	522	529	rVB7	22003	52351	1.04%	0.088%
8	5.994	535	537	540	rVB4	11104	15005	0.30%	0.025%
9	6.334	592	595	600	rBV7	12867	17934	0.36%	0.030%
10	6.499	616	623	626	rBV8	10481	21585	0.43%	0.036%
11	6.605	640	641	652	rBV9	11087	24384	0.49%	0.041%
12	6.851	679	683	688	rBV7	13951	20682	0.41%	0.035%
13	6.898	688	691	696	rVB6	11995	13190	0.26%	0.022%
14	7.415	771	779	792	rBV	674175	1283087	25.60%	2.155%
15	7.603	801	811	822	rBV	477374	828677	16.53%	1.392%
16	7.815	839	847	860	rVB	646175	1170098	23.34%	1.965%
17	8.291	919	928	937	rBV2	614309	1128441	22.51%	1.895%
18	8.414	948	949	956	rVB7	9112	17179	0.34%	0.029%
19	8.461	956	957	964	rBV6	9200	20991	0.42%	0.035%
20	8.784	1009	1012	1015	rBV5	12203	12867	0.26%	0.022%
21	8.978	1035	1045	1058	rBV2	776730	1447608	28.88%	2.431%
22	9.237	1086	1089	1099	rVB2	11726	33882	0.68%	0.057%
23	9.319	1099	1103	1106	rBV6	13866	19521	0.39%	0.033%
24	9.466	1118	1128	1135	rBV	707795	1284098	25.62%	2.156%
25	9.824	1184	1189	1194	rVB7	17195	29908	0.60%	0.050%
26	10.189	1241	1251	1261	rBV2	608233	1098284	21.91%	1.844%
27	10.289	1265	1268	1273	rBV7	7260	13315	0.27%	0.022%
28	10.465	1295	1298	1303	rVB7	10040	15898	0.32%	0.027%
29	10.723	1333	1342	1353	rVB2	868535	1611853	32.16%	2.707%
30	11.117	1399	1409	1420	rBV	919336	1729532	34.50%	2.904%
31	11.246	1421	1431	1442	rBV	634740	1216084	24.26%	2.042%
32	11.704	1506	1509	1513	rBV5	13611	21581	0.43%	0.036%
33	11.851	1524	1534	1537	rBV10	10165	22111	0.44%	0.037%
34	12.410	1626	1629	1634	rVB5	9050	14701	0.29%	0.025%

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35	12.480	1634	1641	1643	rVV6	8115	14590	0.29%	0.024%
36	12.680	1670	1675	1687	rVB10	25540	57768	1.15%	0.097%
37	12.915	1714	1715	1721	rVB5	7341	12797	0.26%	0.021%
38	12.974	1721	1725	1728	rBV5	10531	13470	0.27%	0.023%
39	13.256	1765	1773	1777	rVB9	16014	30860	0.62%	0.052%
40	13.502	1810	1815	1822	rVB8	17347	33230	0.66%	0.056%
41	13.591	1826	1830	1834	rVB5	10547	17033	0.34%	0.029%
42	13.632	1834	1837	1841	rBV5	7726	14136	0.28%	0.024%
43	13.708	1845	1850	1855	rBV8	12438	20835	0.42%	0.035%
44	13.767	1855	1860	1866	rBV7	18534	38187	0.76%	0.064%
45	14.096	1909	1916	1923	rBV10	12845	26713	0.53%	0.045%
46	14.301	1941	1951	1955	rVV	1673217	2621899	52.31%	4.403%
47	14.348	1955	1959	1965	rVB	1371075	1935934	38.62%	3.251%
48	14.519	1983	1988	1995	rVV9	9090	21182	0.42%	0.036%
49	14.601	1995	2002	2012	rVV	1851929	3059935	61.04%	5.138%
50	14.766	2024	2030	2033	rBV4	41783	67182	1.34%	0.113%
51	14.836	2038	2042	2045	rVB6	12705	17363	0.35%	0.029%
52	14.907	2045	2054	2063	rBV	1699003	2701903	53.90%	4.537%
53	15.065	2069	2081	2095	rBV2	993236	1600810	31.94%	2.688%
54	15.200	2103	2104	2109	rVB5	16638	18648	0.37%	0.031%
55	15.265	2111	2115	2119	rVB6	25308	32995	0.66%	0.055%
56	15.312	2122	2123	2129	rVB5	12302	16129	0.32%	0.027%
57	15.371	2129	2133	2141	rVB8	27013	47474	0.95%	0.080%
58	15.441	2141	2145	2150	rVB9	16304	29736	0.59%	0.050%
59	15.659	2179	2182	2186	rBV5	22400	26960	0.54%	0.045%
60	15.706	2186	2190	2196	rVB	147358	182068	3.63%	0.306%
61	15.770	2197	2201	2205	rVB7	15093	25659	0.51%	0.043%
62	15.806	2205	2207	2213	rBV6	16534	26625	0.53%	0.045%
63	15.888	2213	2221	2231	rBV	2541432	4168440	83.16%	7.000%
64	15.994	2231	2239	2246	rBV	794118	1213583	24.21%	2.038%
65	16.123	2251	2261	2271	rBV7	56089	183446	3.66%	0.308%
66	16.205	2272	2275	2280	rVB7	19739	26546	0.53%	0.045%
67	16.264	2280	2285	2291	rBV5	24860	46544	0.93%	0.078%
68	16.328	2293	2296	2304	rVB9	21899	32211	0.64%	0.054%
69	16.464	2314	2319	2322	rBV6	12440	28177	0.56%	0.047%
70	16.517	2324	2328	2332	rBV7	13600	23274	0.46%	0.039%
71	16.569	2332	2337	2346	rBV2	167219	325398	6.49%	0.546%

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72	16.840	2380	2383	2386	rVB5	14215	18199	0.36%	0.031%
73	16.904	2392	2394	2399	rBV4	23070	37187	0.74%	0.062%
74	16.981	2403	2407	2413	rBV9	15606	37636	0.75%	0.063%
75	17.075	2418	2423	2426	rBV5	27908	36656	0.73%	0.062%
76	17.145	2431	2435	2437	rBV5	12137	18236	0.36%	0.031%
77	17.357	2467	2471	2477	rBV2	97212	131040	2.61%	0.220%
78	17.410	2477	2480	2492	rVB7	44132	109564	2.19%	0.184%
79	17.574	2507	2508	2511	rBV3	12009	13462	0.27%	0.023%
80	17.645	2511	2520	2529	rVV	2024861	3305101	65.94%	5.550%
81	17.744	2529	2537	2548	rVB2	2810050	4463189	89.04%	7.495%
82	17.985	2573	2578	2590	rVB10	40238	81678	1.63%	0.137%
83	18.097	2593	2597	2602	rVB6	32551	49757	0.99%	0.084%
84	18.379	2641	2645	2650	rVB8	19250	32952	0.66%	0.055%
85	18.491	2656	2664	2675	rBV2	465717	690418	13.77%	1.159%
86	18.573	2675	2678	2686	rVB3	24493	50162	1.00%	0.084%
87	18.914	2733	2736	2741	rBV6	13083	20202	0.40%	0.034%
88	19.225	2786	2789	2793	rVB6	11952	14961	0.30%	0.025%
89	19.548	2841	2844	2845	rBV3	14566	14031	0.28%	0.024%
90	19.648	2857	2861	2868	rVB5	54956	101052	2.02%	0.170%
91	19.748	2874	2878	2889	rBV4	228599	313400	6.25%	0.526%
92	19.907	2900	2905	2910	rVB4	47631	68540	1.37%	0.115%
93	20.012	2916	2923	2931	rBV	3363048	5012638	100.00%	8.417%
94	20.294	2967	2971	2974	rBV6	62387	81279	1.62%	0.136%
95	20.330	2974	2977	2981	rVB4	113609	137216	2.74%	0.230%
96	21.346	3146	3150	3154	rVB5	54708	83563	1.67%	0.140%
97	21.528	3177	3181	3191	rBV4	402196	615829	12.29%	1.034%
98	21.945	3244	3252	3260	rVB	1987681	3637927	72.58%	6.109%
99	25.148	3786	3797	3810	rVB2	1502195	4567438	91.12%	7.670%
100	25.394	3827	3839	3854	rVB2	1164017	3717679	74.17%	6.243%

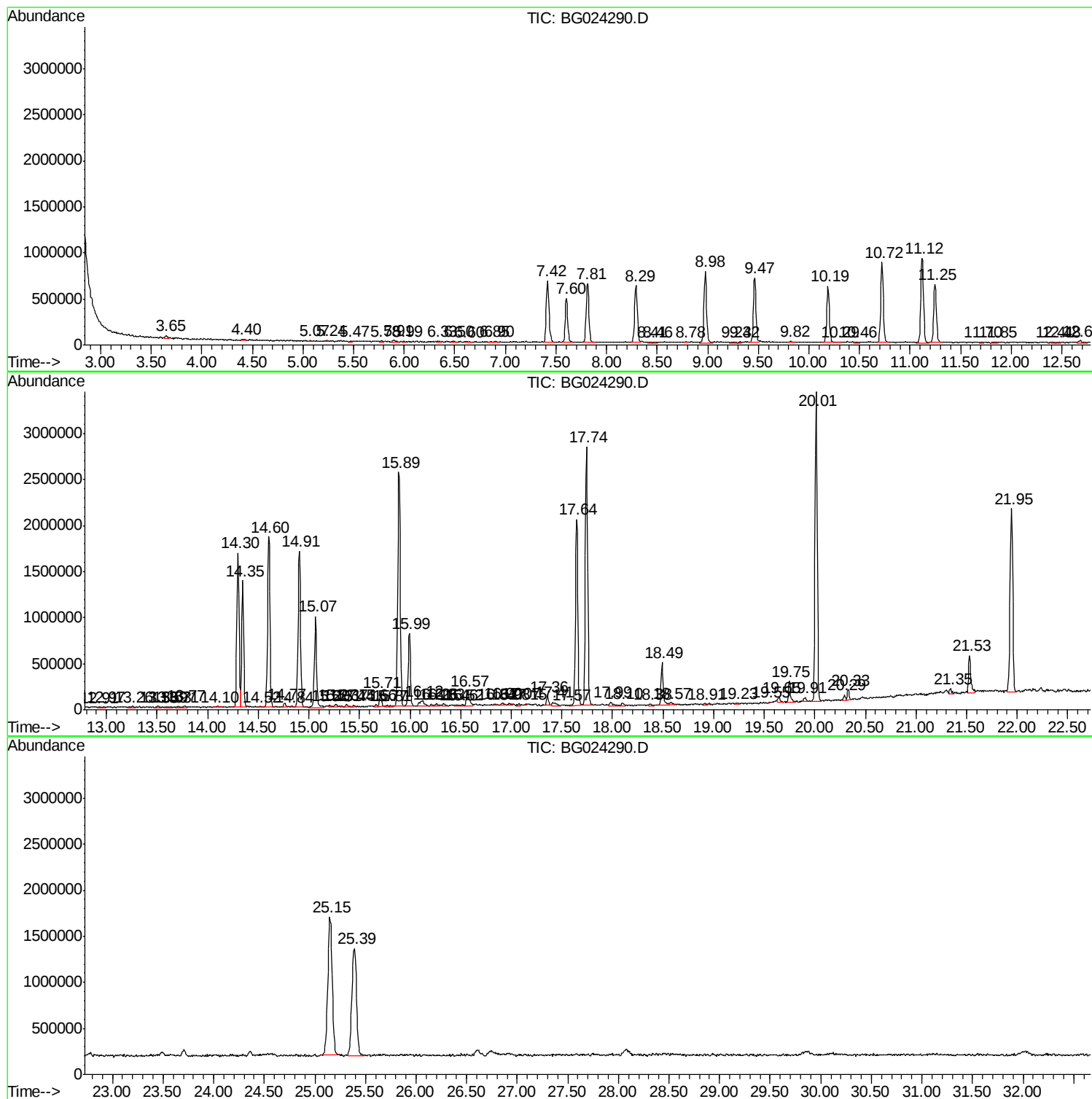
Sum of corrected areas: 59552456

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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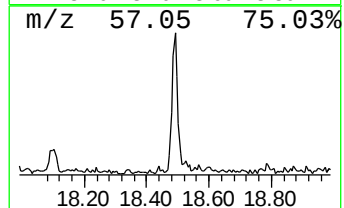
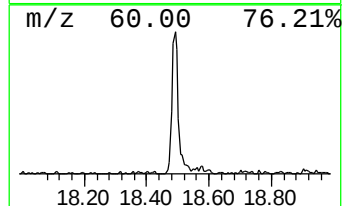
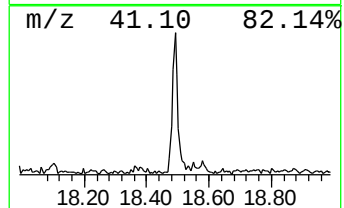
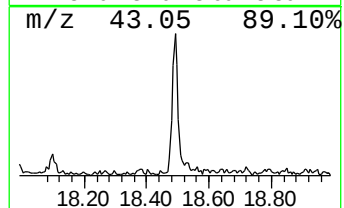
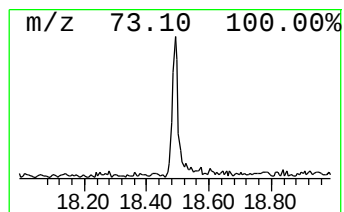
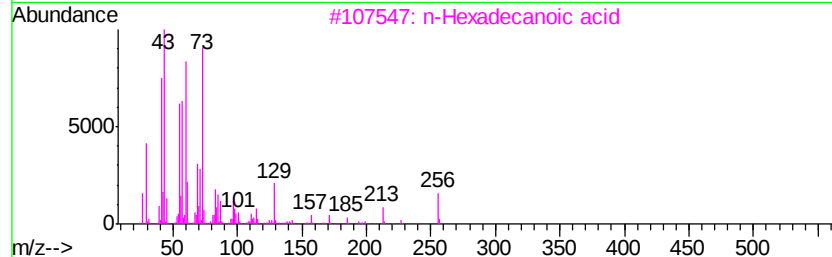
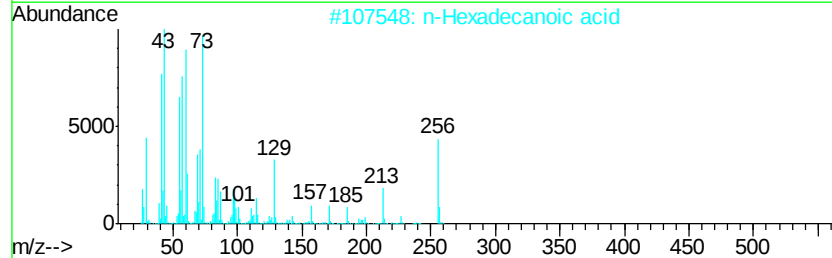
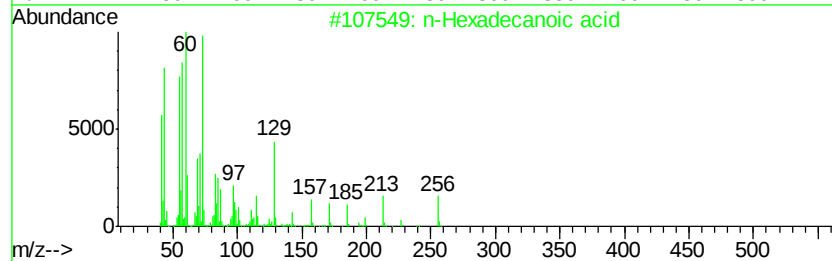
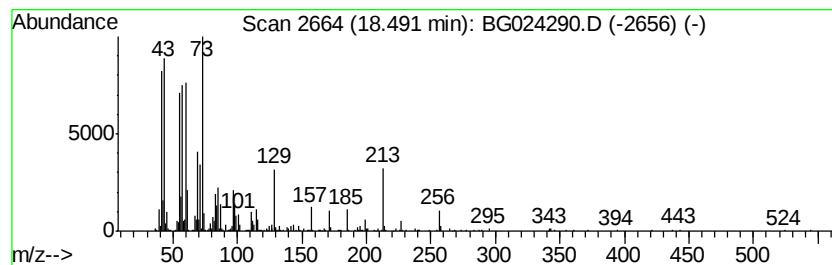
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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.
18.49	4.18 ng/ul	690418	Phenanthrene-d10	17.64

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	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	74



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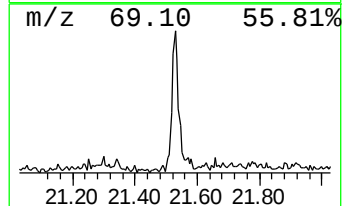
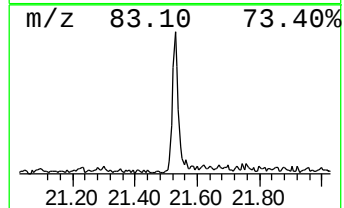
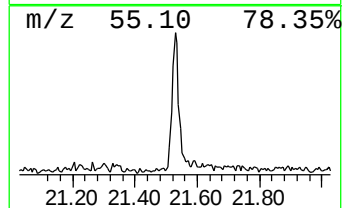
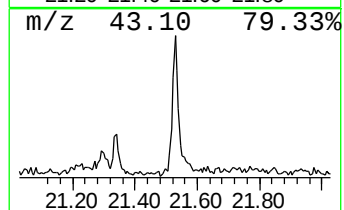
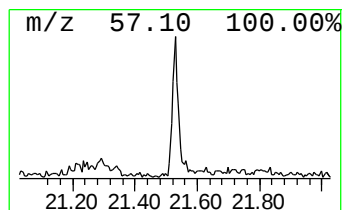
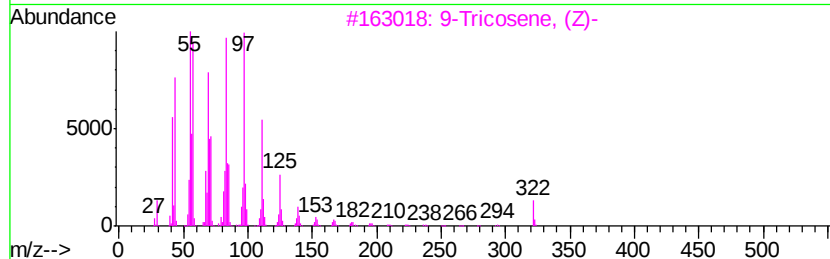
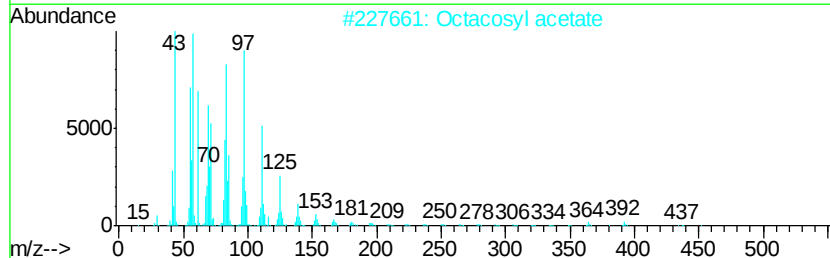
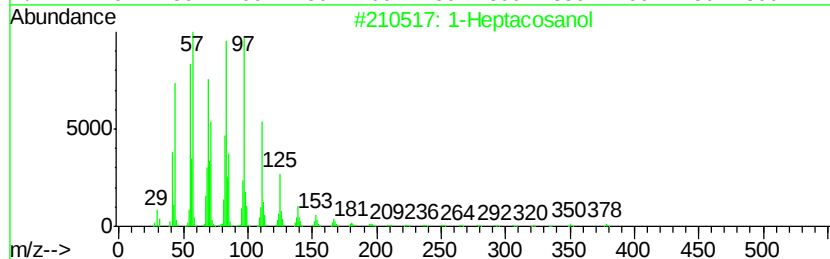
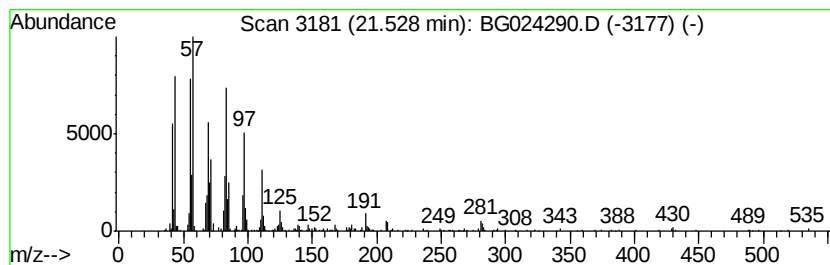
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	3.39 ng/ul	615829	Chrysene-d12	21.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	83
2			Octacosyl acetate	452	C30H60O2	018206-97-8	83
3			9-Tricosene, (Z)-	322	C23H46	027519-02-4	78
4			17-Pentatriacontene	491	C35H70	006971-40-0	78
5			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.49	4.2	ng/ul	690418	4	17.64	3305100	20.0
1-Heptacosanol	21.53	3.4	ng/ul	615829	5	21.94	3637930	20.0