

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
 Data File : BG024419.D
 Acq On : 18 Oct 2016 14:51
 Operator : UM/SJ
 Sample : H5223-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNK1

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	3.644	131	137	144	rBV4	28670	53241	0.98%	0.080%
2	4.396	261	265	267	rBV5	14117	20876	0.38%	0.031%
3	4.413	267	268	272	rVB4	16865	15336	0.28%	0.023%
4	5.024	370	372	375	rBV3	11555	12474	0.23%	0.019%
5	5.353	423	428	434	rBV4	29025	56260	1.03%	0.085%
6	5.665	474	481	483	rVB6	9640	22087	0.41%	0.033%
7	5.729	490	492	500	rVB8	9424	20648	0.38%	0.031%
8	6.129	555	560	565	rBV6	10445	22190	0.41%	0.033%
9	6.329	586	594	601	rBV10	14116	43043	0.79%	0.065%
10	6.470	614	618	623	rBV7	13698	26298	0.48%	0.040%
11	7.210	739	744	747	rBV6	6963	12682	0.23%	0.019%
12	7.339	760	766	769	rBV6	7186	12737	0.23%	0.019%
13	7.410	769	778	790	rBV	656462	1236967	22.71%	1.861%
14	7.598	803	810	820	rBV	459517	782563	14.37%	1.178%
15	7.803	838	845	855	rVB	578245	1048363	19.24%	1.578%
16	8.285	919	927	938	rBV	833819	1515781	27.82%	2.281%
17	8.456	954	956	959	rBV3	9028	12432	0.23%	0.019%
18	8.620	976	984	985	rVB7	9978	22036	0.40%	0.033%
19	8.967	1033	1043	1053	rBV2	799133	1431703	26.28%	2.154%
20	9.308	1098	1101	1108	rVV6	5528	13227	0.24%	0.020%
21	9.454	1118	1126	1133	rBV	683267	1234144	22.65%	1.857%
22	9.513	1133	1136	1142	rVB4	40939	59131	1.09%	0.089%
23	9.584	1143	1148	1150	rVB5	7589	12759	0.23%	0.019%
24	9.607	1150	1152	1157	rVB4	10081	12355	0.23%	0.019%
25	9.801	1181	1185	1191	rBV6	27176	49751	0.91%	0.075%
26	9.936	1207	1208	1215	rBV6	8973	17082	0.31%	0.026%
27	10.183	1242	1250	1258	rBV	576088	1076070	19.75%	1.619%
28	10.712	1333	1340	1353	rVB	865427	1584390	29.08%	2.384%
29	10.865	1364	1366	1372	rBV5	8977	13180	0.24%	0.020%
30	11.111	1400	1408	1419	rVB	1275790	2369954	43.50%	3.566%
31	11.241	1422	1430	1439	rBV	737488	1377127	25.28%	2.072%
32	11.505	1468	1475	1477	rBV7	6595	13153	0.24%	0.020%
33	11.869	1536	1537	1545	rBV6	7445	14275	0.26%	0.021%
34	12.245	1597	1601	1604	rBV4	9770	20118	0.37%	0.030%

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35	12.298	1604	1610	1614	rVB7	10846	22125	0.41%	0.033%
36	12.598	1659	1661	1667	rBV7	7267	12767	0.23%	0.019%
37	12.668	1668	1673	1679	rVB6	19424	31581	0.58%	0.048%
38	13.491	1810	1813	1817	rBV5	14448	13502	0.25%	0.020%
39	13.691	1843	1847	1852	rBV8	14879	24266	0.45%	0.037%
40	13.761	1852	1859	1867	rVB4	51287	91127	1.67%	0.137%
41	14.090	1910	1915	1923	rVV7	18695	34349	0.63%	0.052%
42	14.290	1937	1949	1953	rBV	1789756	2681334	49.22%	4.035%
43	14.337	1953	1957	1963	rVB	1099920	1545154	28.36%	2.325%
44	14.595	1990	2001	2013	rBV	1791268	2923342	53.66%	4.399%
45	14.754	2023	2028	2036	rVB2	49975	70495	1.29%	0.106%
46	14.819	2036	2039	2042	rBV5	10627	15726	0.29%	0.024%
47	14.895	2045	2052	2063	rVB	2291212	3760774	69.03%	5.659%
48	15.007	2067	2071	2073	rBV5	9612	13468	0.25%	0.020%
49	15.060	2073	2080	2091	rBV	938407	1512048	27.76%	2.275%
50	15.254	2110	2113	2118	rVB7	13878	19250	0.35%	0.029%
51	15.312	2118	2123	2125	rBV5	9516	13702	0.25%	0.021%
52	15.365	2128	2132	2138	rVB7	15206	26001	0.48%	0.039%
53	15.436	2140	2144	2149	rBV7	11792	19647	0.36%	0.030%
54	15.653	2178	2181	2184	rBV3	20549	18144	0.33%	0.027%
55	15.694	2184	2188	2193	rVB2	106276	138468	2.54%	0.208%
56	15.753	2193	2198	2200	rBV6	12195	17309	0.32%	0.026%
57	15.800	2201	2206	2212	rVV2	64364	87508	1.61%	0.132%
58	15.882	2212	2220	2229	rVB	2537869	3985922	73.17%	5.998%
59	15.988	2230	2238	2246	rBV	886197	1374012	25.22%	2.068%
60	16.105	2249	2258	2269	rVB	46883	178183	3.27%	0.268%
61	16.199	2269	2274	2278	rBV7	17481	34048	0.63%	0.051%
62	16.246	2278	2282	2290	rVB7	18398	42226	0.78%	0.064%
63	16.317	2290	2294	2303	rBV10	25033	57946	1.06%	0.087%
64	16.452	2314	2317	2320	rBV4	13607	12674	0.23%	0.019%
65	16.558	2329	2335	2345	rBV3	126916	242006	4.44%	0.364%
66	16.840	2378	2383	2387	rBV7	20699	37138	0.68%	0.056%
67	16.899	2390	2393	2395	rBV4	17168	15060	0.28%	0.023%
68	17.046	2414	2418	2429	rVB6	60020	115383	2.12%	0.174%
69	17.128	2429	2432	2437	rBV6	13653	27400	0.50%	0.041%
70	17.351	2464	2470	2476	rBV2	146299	249887	4.59%	0.376%
71	17.639	2510	2519	2529	rBV2	2831591	4585725	84.18%	6.900%

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72	17.739	2529	2536	2547	rVV	2691897	4348421	79.82%	6.543%
73	17.809	2547	2548	2556	rVB8	13074	20119	0.37%	0.030%
74	17.880	2558	2560	2566	rBV7	12463	22671	0.42%	0.034%
75	17.974	2570	2576	2590	rBV7	112449	242011	4.44%	0.364%
76	18.080	2590	2594	2598	rVV3	41696	70417	1.29%	0.106%
77	18.115	2598	2600	2609	rVB6	45614	67969	1.25%	0.102%
78	18.356	2635	2641	2645	rBV8	22716	50408	0.93%	0.076%
79	18.479	2657	2662	2674	rBV2	418234	634447	11.65%	0.955%
80	18.767	2708	2711	2717	rBV5	25752	32278	0.59%	0.049%
81	19.043	2752	2758	2763	rBV4	36171	52303	0.96%	0.079%
82	19.137	2768	2774	2777	rBV8	16850	36439	0.67%	0.055%
83	19.167	2777	2779	2783	rVV5	9308	13460	0.25%	0.020%
84	19.337	2804	2808	2815	rVB10	26601	47611	0.87%	0.072%
85	19.396	2815	2818	2822	rVB6	15959	17663	0.32%	0.027%
86	19.460	2826	2829	2830	rBV3	15392	14028	0.26%	0.021%
87	19.637	2850	2859	2866	rBV5	50065	126227	2.32%	0.190%
88	19.736	2872	2876	2882	rBV4	158121	226989	4.17%	0.342%
89	19.831	2889	2892	2896	rVB4	39412	53245	0.98%	0.080%
90	19.895	2899	2903	2909	rVB2	49082	68024	1.25%	0.102%
91	20.007	2915	2922	2935	rVB	3323861	5076820	93.19%	7.639%
92	20.518	3006	3009	3014	rVB4	64220	66260	1.22%	0.100%
93	21.164	3115	3119	3125	rVB7	71301	122679	2.25%	0.185%
94	21.517	3174	3179	3192	rBV2	486111	875272	16.07%	1.317%
95	21.858	3233	3237	3242	rVB8	57894	95745	1.76%	0.144%
96	21.934	3242	3250	3262	rVB	3058376	5288227	97.07%	7.957%
97	22.639	3368	3370	3377	rVB8	50422	71091	1.30%	0.107%
98	23.685	3543	3548	3554	rVB5	79546	141012	2.59%	0.212%
99	25.136	3783	3795	3811	rBV2	1553433	4842743	88.90%	7.287%
100	25.383	3824	3837	3852	rVB	1727618	5447651	100.00%	8.197%

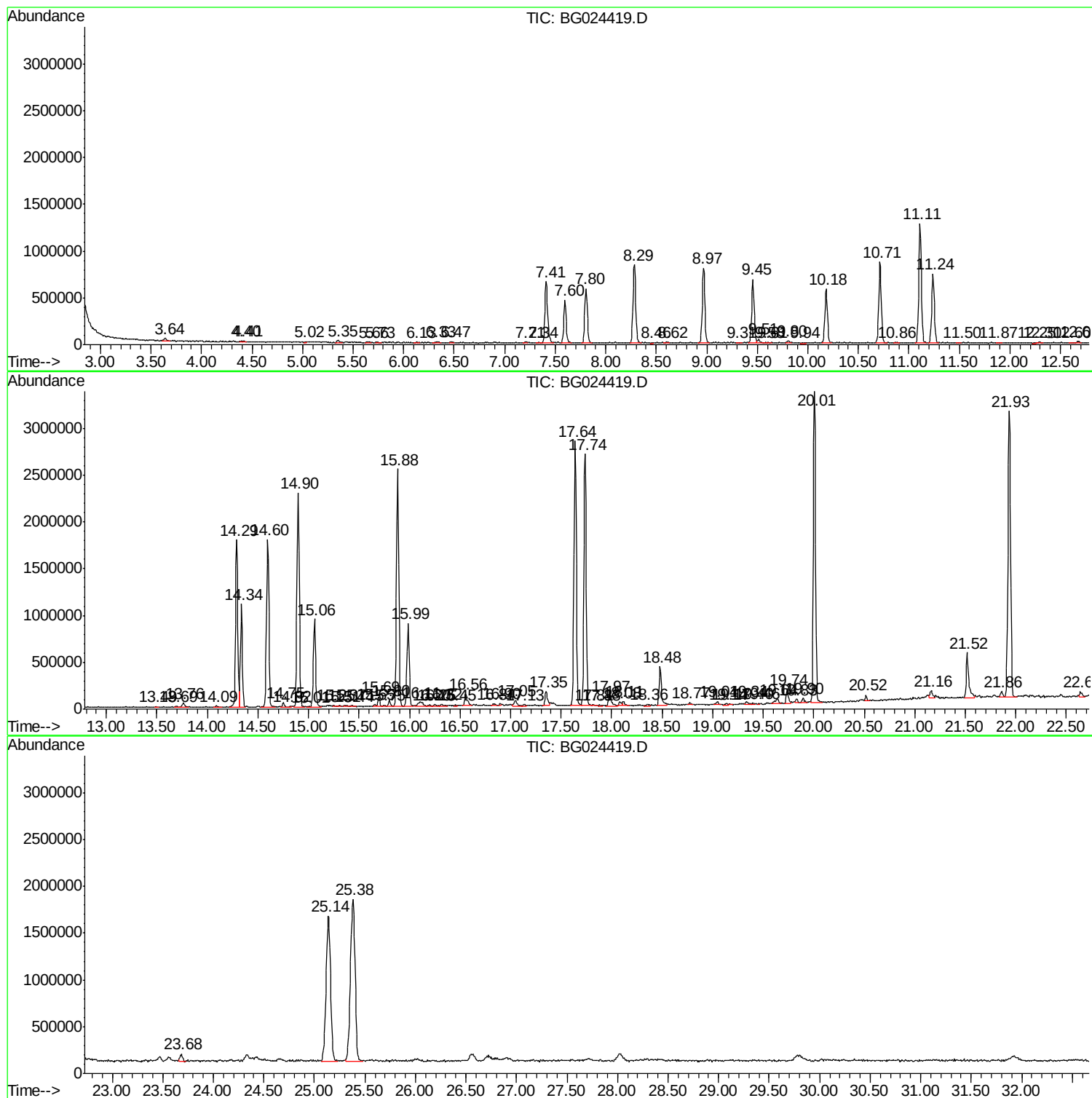
Sum of corrected areas: 66456360

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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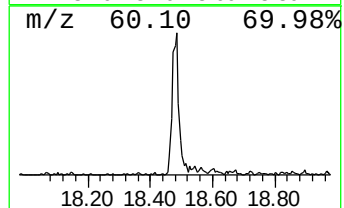
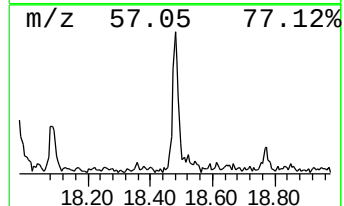
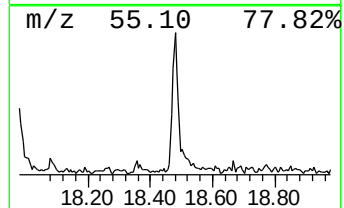
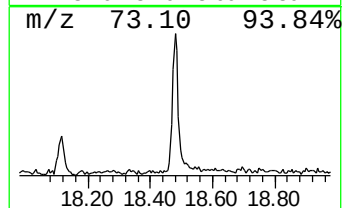
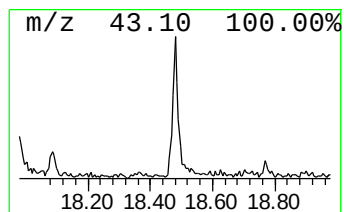
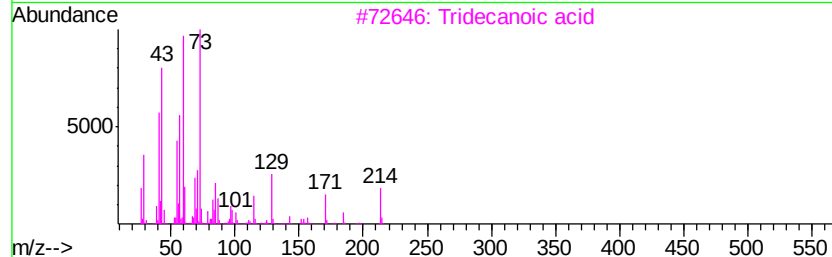
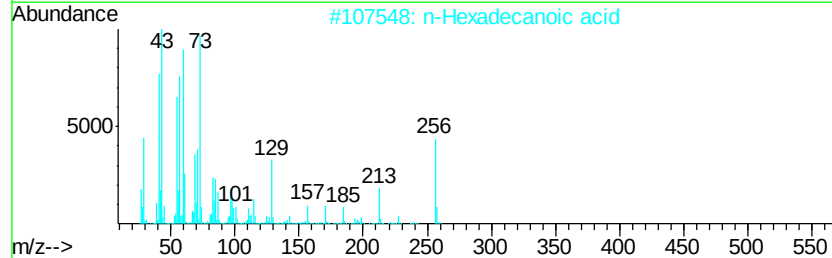
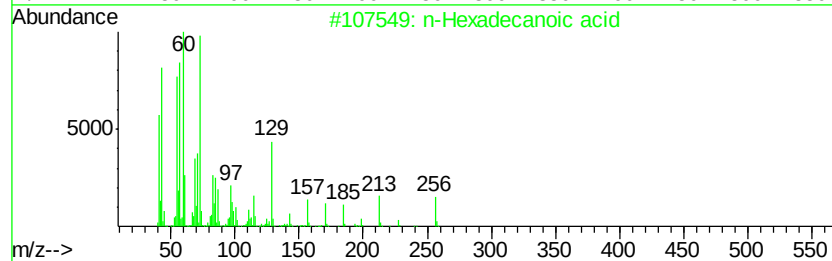
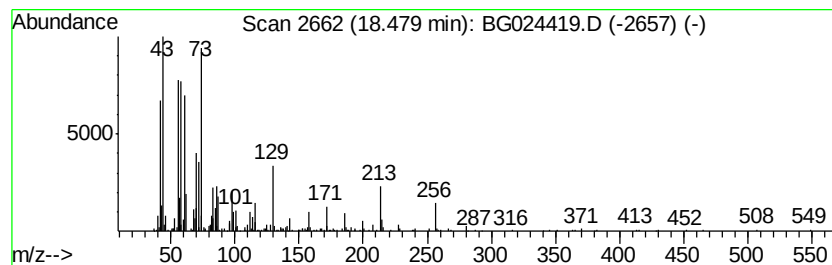
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.77 ng/ul	634447	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	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	64



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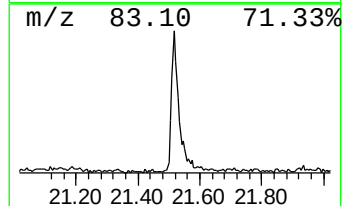
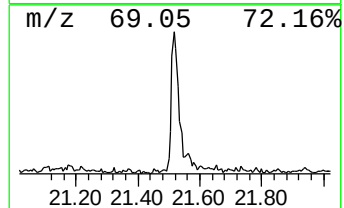
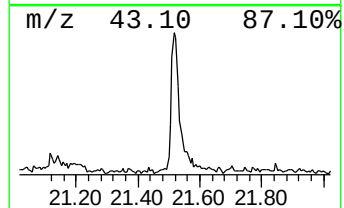
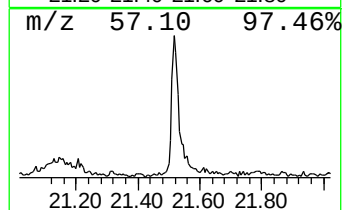
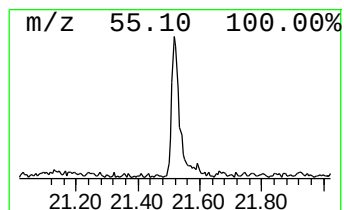
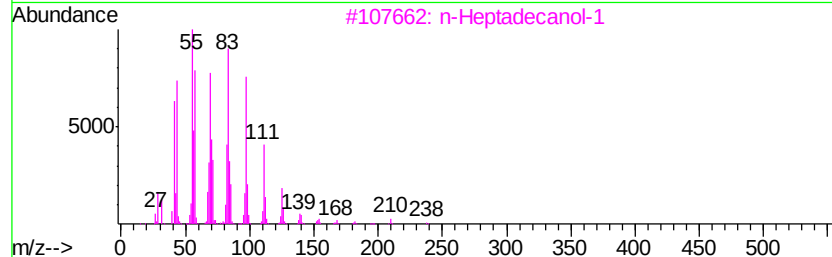
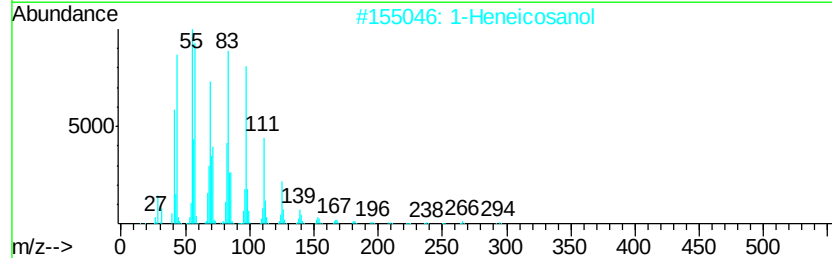
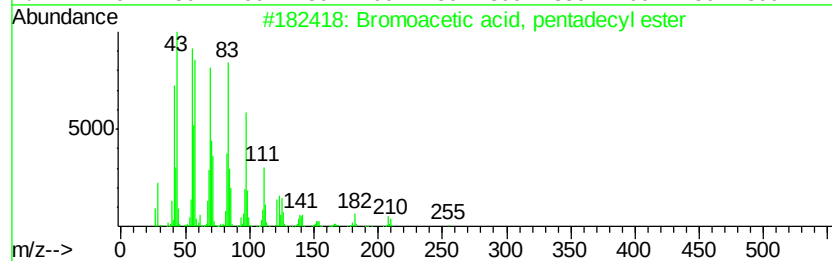
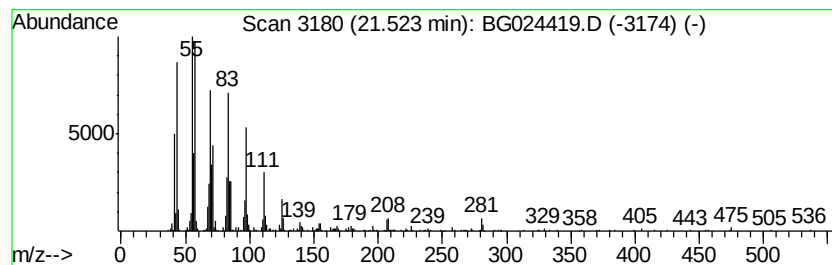
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Bromoacetic acid, pentadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	3.31 ng/ul	875272	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	91
3		n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.48	2.8	ng/ul	634447	4	17.64	4585730	20.0
Bromoacetic acid,...	21.52	3.3	ng/ul	875272	5	21.93	5288230	20.0