

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000599.D
 Acq On : 24 Mar 2018 03:28
 Operator : JU/SJ
 Sample : J1969-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

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_N\METHODS\SOM-EPA-BN031918.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	3.584	21	25	33	rVB	38814	57147	1.61%	0.127%
2	5.402	328	334	340	rBV3	6776	10367	0.29%	0.023%
3	6.419	501	507	516	rVB	13201	21137	0.60%	0.047%
4	6.572	525	533	536	rBV4	3702	7542	0.21%	0.017%
5	7.549	691	699	718	rBV	636315	1138508	32.17%	2.530%
6	7.713	721	727	736	rBV	562861	867335	24.50%	1.928%
7	7.813	738	744	747	rBV4	4070	6488	0.18%	0.014%
8	7.931	757	764	773	rBV	650189	1043277	29.48%	2.319%
9	8.407	838	845	858	rBV	756996	1233129	34.84%	2.741%
10	9.113	958	965	974	rBV	774728	1300856	36.75%	2.891%
11	9.590	1037	1046	1055	rBV	617891	1001908	28.31%	2.227%
12	9.678	1055	1061	1067	rVV2	7625	16110	0.46%	0.036%
13	9.943	1100	1106	1112	rVB	14562	18934	0.53%	0.042%
14	10.319	1163	1170	1182	rVB	493819	815520	23.04%	1.813%
15	10.860	1255	1262	1276	rVB	746541	1265436	35.75%	2.813%
16	11.249	1320	1328	1336	rBV	1069218	1790517	50.59%	3.980%
17	11.378	1342	1350	1359	rBV	713549	1260262	35.61%	2.801%
18	12.678	1566	1571	1578	rBV3	3418	5711	0.16%	0.013%
19	12.807	1588	1593	1600	rVB	11208	16874	0.48%	0.038%
20	13.625	1727	1732	1738	rBV2	5109	7508	0.21%	0.017%
21	13.819	1760	1765	1770	rVB	21988	30524	0.86%	0.068%
22	14.337	1848	1853	1857	rBV3	4652	9125	0.26%	0.020%
23	14.419	1857	1867	1871	rVV	1393857	1977609	55.87%	4.395%
24	14.460	1871	1874	1880	rVV	286389	392291	11.08%	0.872%
25	14.513	1880	1883	1889	rVB2	9190	15270	0.43%	0.034%
26	14.584	1892	1895	1899	rBV3	7598	10730	0.30%	0.024%
27	14.631	1899	1903	1905	rBV4	4929	7060	0.20%	0.016%
28	14.731	1913	1920	1933	rBV	1592751	2429177	68.63%	5.399%
29	14.878	1940	1945	1950	rBV	100696	123047	3.48%	0.273%
30	14.948	1953	1957	1962	rBV3	6898	12649	0.36%	0.028%
31	15.031	1964	1971	1978	rVV2	1513944	2352057	66.45%	5.228%
32	15.154	1986	1992	1996	rBV3	2968	5627	0.16%	0.013%
33	15.213	1996	2002	2012	rBV	574660	864195	24.42%	1.921%
34	15.319	2016	2020	2025	rVV6	12960	29867	0.84%	0.066%

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35	15.372	2025	2029	2035	rVV4	14047	24402	0.69%	0.054%
36	15.431	2035	2039	2042	rVV3	11221	15080	0.43%	0.034%
37	15.489	2044	2049	2057	rVV3	21387	40175	1.14%	0.089%
38	15.560	2057	2061	2067	rVB3	11982	16818	0.48%	0.037%
39	15.778	2092	2098	2101	rBV	15953	24720	0.70%	0.055%
40	15.819	2101	2105	2110	rVB	127871	162832	4.60%	0.362%
41	15.884	2110	2116	2120	rBV3	8265	14612	0.41%	0.032%
42	15.931	2120	2124	2131	rVB6	6544	14035	0.40%	0.031%
43	16.013	2131	2138	2144	rBV	1975185	2936553	82.96%	6.527%
44	16.125	2151	2157	2166	rBV	499787	680149	19.22%	1.512%
45	16.225	2166	2174	2176	rBV2	28481	59318	1.68%	0.132%
46	16.319	2186	2190	2194	rVB3	9151	12420	0.35%	0.028%
47	16.372	2195	2199	2203	rBV	12745	17436	0.49%	0.039%
48	16.442	2207	2211	2215	rVV	14701	18454	0.52%	0.041%
49	16.631	2237	2243	2246	rBV4	10116	18759	0.53%	0.042%
50	16.672	2246	2250	2259	rVB	108730	175966	4.97%	0.391%
51	16.866	2280	2283	2286	rVB	7044	8517	0.24%	0.019%
52	16.960	2293	2299	2303	rBV	29999	42993	1.21%	0.096%
53	17.013	2304	2308	2316	rVV5	9788	25313	0.72%	0.056%
54	17.072	2316	2318	2321	rVV2	9459	10995	0.31%	0.024%
55	17.113	2321	2325	2332	rVB3	13338	25546	0.72%	0.057%
56	17.178	2332	2336	2343	rBV4	11784	18488	0.52%	0.041%
57	17.242	2343	2347	2351	rVV4	7291	10561	0.30%	0.023%
58	17.289	2351	2355	2358	rVV4	4994	7901	0.22%	0.018%
59	17.460	2379	2384	2388	rBV	62661	73421	2.07%	0.163%
60	17.513	2389	2393	2396	rBV	13300	17959	0.51%	0.040%
61	17.754	2427	2434	2444	rBV2	1891719	2760617	77.99%	6.136%
62	17.854	2444	2451	2462	rVV2	2122273	3157244	89.20%	7.017%
63	17.930	2462	2464	2468	rVV2	5032	8154	0.23%	0.018%
64	17.995	2471	2475	2481	rBV2	10132	14585	0.41%	0.032%
65	18.095	2489	2492	2500	rVB8	5445	12322	0.35%	0.027%
66	18.195	2504	2509	2513	rVB	21321	26425	0.75%	0.059%
67	18.366	2533	2538	2544	rBV	56241	66427	1.88%	0.148%
68	18.495	2556	2560	2564	rVB2	8518	13276	0.38%	0.030%
69	18.589	2571	2576	2588	rBV	243760	388515	10.98%	0.863%
70	18.795	2608	2611	2617	rVB4	5390	8131	0.23%	0.018%
71	18.872	2622	2624	2627	rVV2	4451	5603	0.16%	0.012%

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72	18.907	2627	2630	2635	rVB2	11646	15426	0.44%	0.034%
73	19.089	2657	2661	2667	rVB3	7559	11725	0.33%	0.026%
74	19.348	2701	2705	2709	rVV	12377	16449	0.46%	0.037%
75	19.436	2716	2720	2726	rVB4	8217	15361	0.43%	0.034%
76	19.642	2751	2755	2760	rBV	39445	45112	1.27%	0.100%
77	19.701	2762	2765	2766	rVV2	8320	8127	0.23%	0.018%
78	19.742	2769	2772	2778	rVB	30349	45005	1.27%	0.100%
79	19.836	2784	2788	2797	rBV	63152	96909	2.74%	0.215%
80	19.983	2808	2813	2821	rBV2	32540	64301	1.82%	0.143%
81	20.107	2828	2834	2843	rBV2	2593986	3539518	100.00%	7.867%
82	20.560	2908	2911	2920	rBV7	5616	16002	0.45%	0.036%
83	20.966	2974	2980	2983	rBV2	15730	27091	0.77%	0.060%
84	21.013	2984	2988	2994	rVV2	45610	59466	1.68%	0.132%
85	21.072	2995	2998	3000	rVV2	7363	9907	0.28%	0.022%
86	21.107	3002	3004	3009	rVB4	10677	10308	0.29%	0.023%
87	21.172	3012	3015	3020	rBV3	15756	23999	0.68%	0.053%
88	21.530	3071	3076	3092	rBV	355248	576385	16.28%	1.281%
89	21.877	3129	3135	3144	rBV	2171451	2894073	81.76%	6.432%
90	21.971	3147	3151	3156	rBV5	24795	39030	1.10%	0.087%
91	22.448	3228	3232	3235	rBV	29119	39474	1.12%	0.088%
92	22.954	3314	3318	3323	rVB	65484	87609	2.48%	0.195%
93	23.101	3339	3343	3353	rVB	47570	74381	2.10%	0.165%
94	23.507	3408	3412	3421	rVB2	99416	173799	4.91%	0.386%
95	24.142	3515	3520	3522	rBV	113083	184149	5.20%	0.409%
96	24.195	3522	3529	3542	rVB2	1381575	2842478	80.31%	6.318%
97	24.354	3548	3556	3568	rVB	1174674	2389237	67.50%	5.310%
98	24.865	3638	3643	3652	rVB	115315	233372	6.59%	0.519%
99	25.707	3780	3786	3794	rVB2	91636	210753	5.95%	0.468%
100	26.689	3947	3953	3962	rVB	64774	165174	4.67%	0.367%

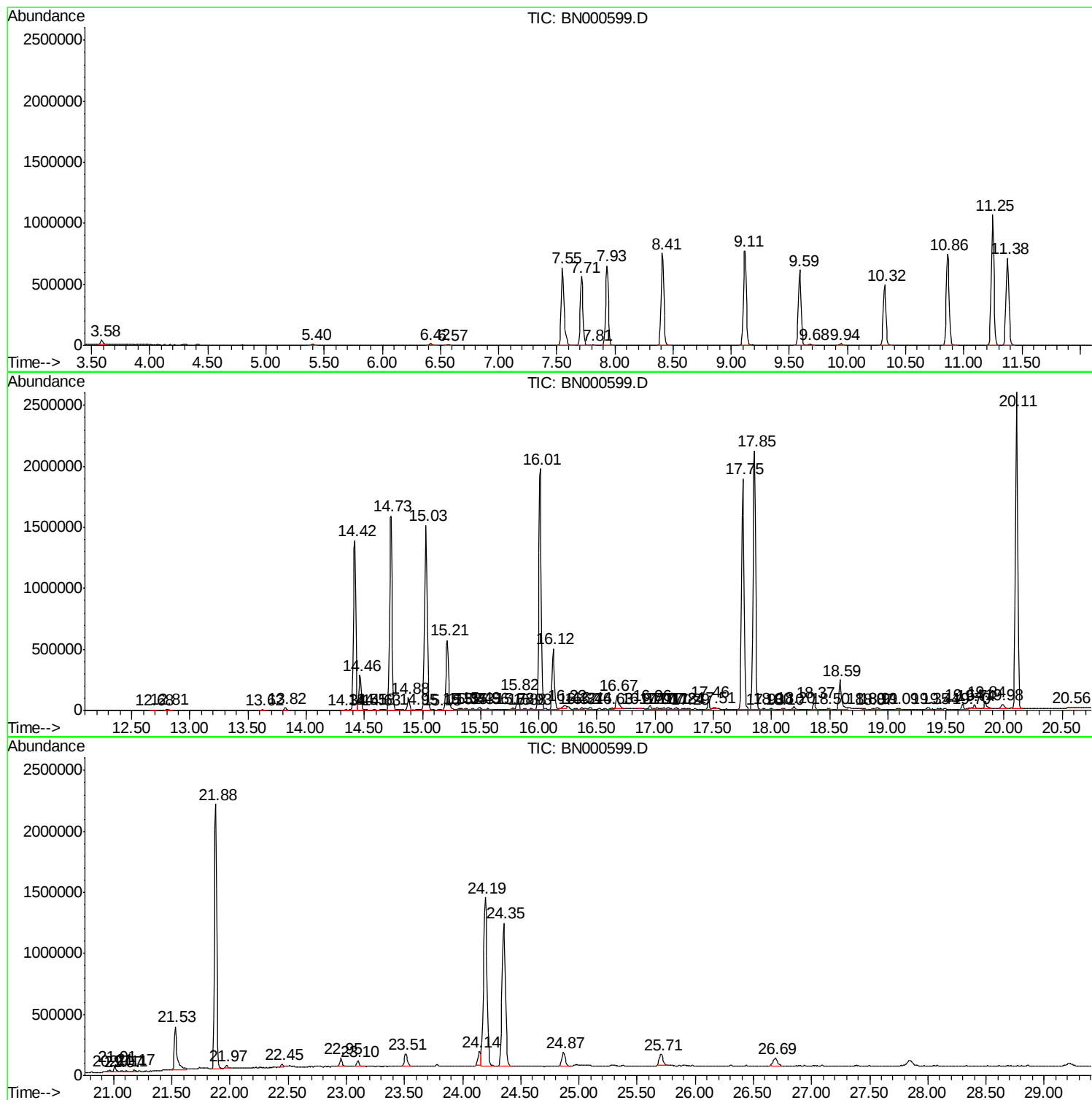
Sum of corrected areas: 44993136

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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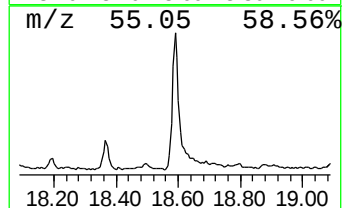
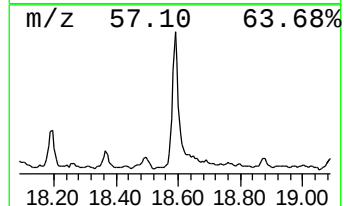
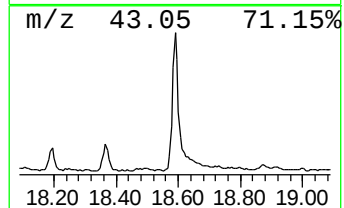
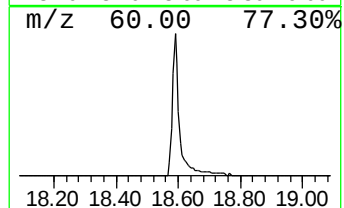
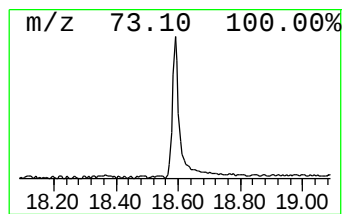
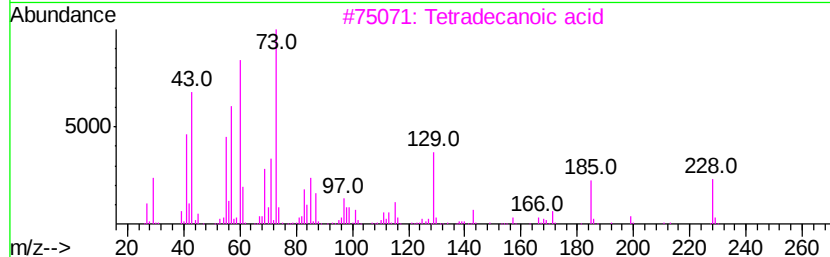
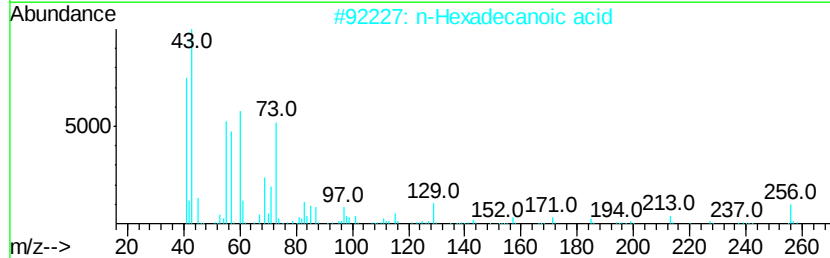
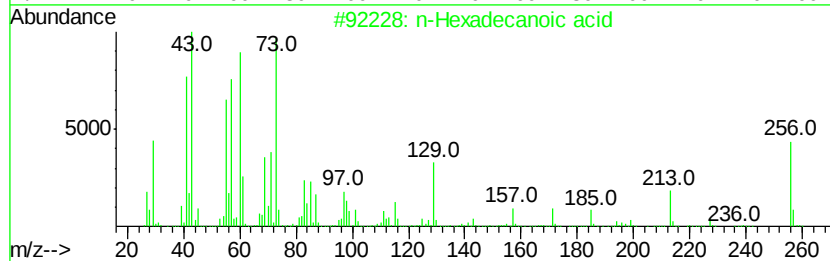
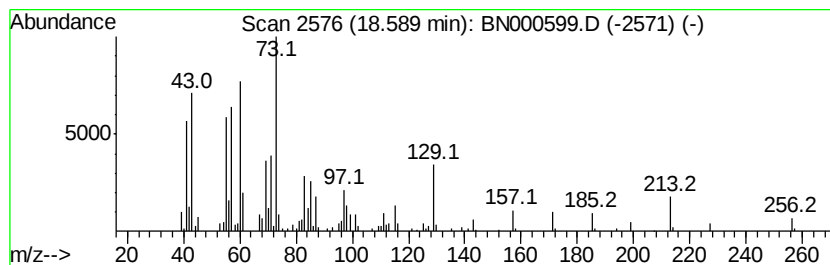
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.59	2.81 ng/ul	388515	Phenanthrene-d10	17.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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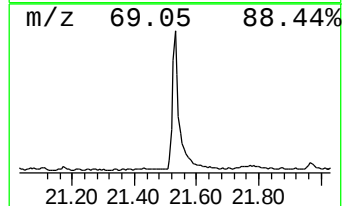
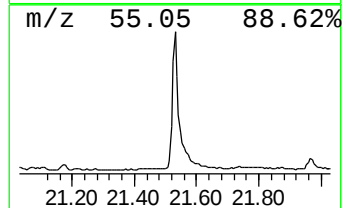
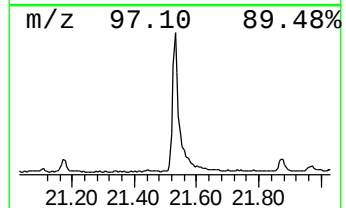
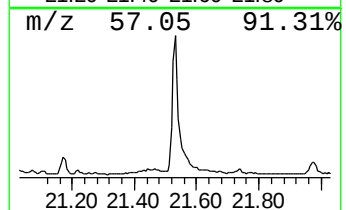
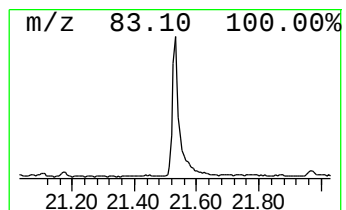
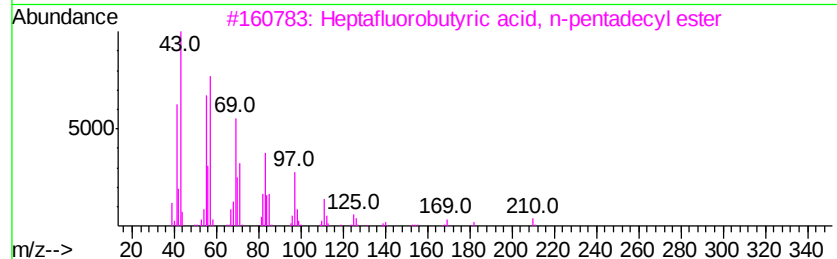
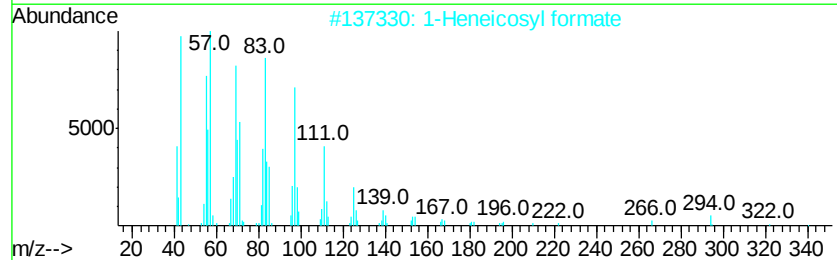
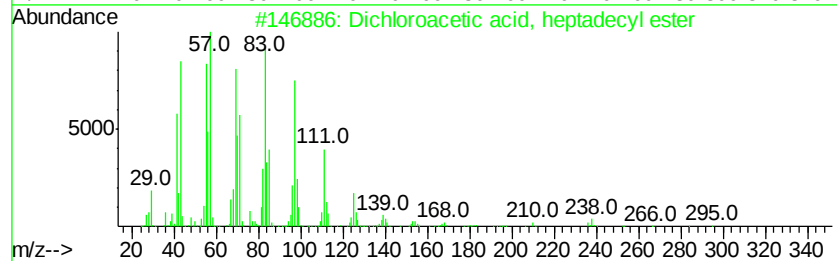
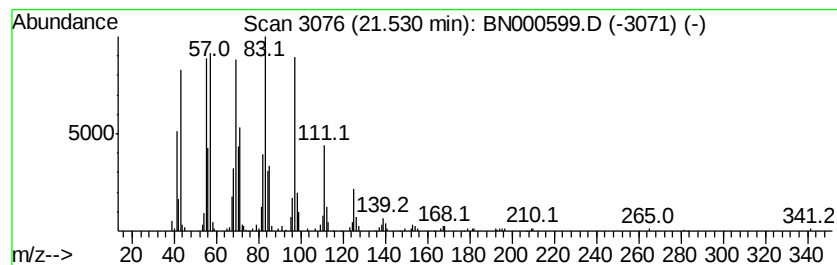
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	3.98 ng/ul	576385	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
3			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
4			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.59	2.8	ng/ul	388515	4	17.75	2760620	20.0
Dichloroacetic ac...	21.53	4.0	ng/ul	576385	5	21.88	2894070	20.0