

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000598.D
 Acq On : 24 Mar 2018 02:53
 Operator : JU/SJ
 Sample : J1969-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

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	3.496	7	10	15	rBV2	4831	7273	0.24%	0.018%
2	3.584	21	25	34	rVB	38600	56524	1.88%	0.138%
3	4.414	162	166	171	rVB	4527	6013	0.20%	0.015%
4	4.761	221	225	230	rBV	11780	17635	0.59%	0.043%
5	5.402	328	334	343	rBV	29266	43116	1.43%	0.105%
6	6.419	502	507	515	rVB	12474	20351	0.68%	0.050%
7	6.566	525	532	536	rBV4	4122	7724	0.26%	0.019%
8	7.549	692	699	715	rBV	672636	1192228	39.59%	2.917%
9	7.713	720	727	736	rBV	581817	910385	30.23%	2.227%
10	7.931	757	764	773	rBV	682462	1095111	36.36%	2.679%
11	8.407	838	845	857	rVB	804202	1314495	43.65%	3.216%
12	9.119	959	966	975	rBV	825676	1380738	45.85%	3.378%
13	9.590	1038	1046	1057	rBV	629925	1045077	34.70%	2.557%
14	9.684	1057	1062	1066	rVV3	5942	10218	0.34%	0.025%
15	9.943	1101	1106	1111	rVB	14189	18619	0.62%	0.046%
16	10.319	1163	1170	1181	rVB	507590	843875	28.02%	2.064%
17	10.860	1255	1262	1275	rBV	785658	1330277	44.17%	3.254%
18	11.248	1320	1328	1336	rBV	1112839	1871447	62.14%	4.578%
19	11.378	1342	1350	1364	rBV	515950	893501	29.67%	2.186%
20	12.684	1568	1572	1576	rVB	5072	7165	0.24%	0.018%
21	12.807	1588	1593	1599	rVB	11953	18040	0.60%	0.044%
22	13.384	1687	1691	1698	rBB2	3017	6130	0.20%	0.015%
23	13.619	1727	1731	1735	rBV	5200	6695	0.22%	0.016%
24	13.819	1761	1765	1770	rVB	22076	29654	0.98%	0.073%
25	13.889	1772	1777	1782	rBV3	4728	7560	0.25%	0.018%
26	14.342	1847	1854	1857	rBV4	5198	8596	0.29%	0.021%
27	14.419	1857	1867	1871	rVV	1413478	2017605	67.00%	4.936%
28	14.460	1871	1874	1880	rVV	287575	385744	12.81%	0.944%
29	14.507	1880	1882	1889	rVB3	9435	14270	0.47%	0.035%
30	14.589	1889	1896	1900	rBV2	6618	10855	0.36%	0.027%
31	14.642	1900	1905	1906	rBV2	4652	6508	0.22%	0.016%
32	14.725	1913	1919	1930	rBV	1642607	2494346	82.83%	6.102%
33	14.807	1930	1933	1938	rVB2	12643	15676	0.52%	0.038%
34	14.878	1940	1945	1950	rVB	90406	113598	3.77%	0.278%

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Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

35	14.954	1953	1958	1963	rBV5	5715	11573	0.38%	0.028%
36	15.031	1964	1971	1978	rBV2	1513616	2299111	76.34%	5.624%
37	15.213	1996	2002	2015	rBV	494571	764328	25.38%	1.870%
38	15.325	2015	2021	2025	rVV5	12054	30037	1.00%	0.073%
39	15.372	2025	2029	2034	rVV4	13972	22397	0.74%	0.055%
40	15.431	2035	2039	2045	rVV2	9936	15181	0.50%	0.037%
41	15.489	2045	2049	2057	rVV2	20875	36966	1.23%	0.090%
42	15.560	2057	2061	2066	rVB2	10507	14488	0.48%	0.035%
43	15.713	2083	2087	2091	rBV4	4026	7763	0.26%	0.019%
44	15.778	2093	2098	2101	rBV	30112	39779	1.32%	0.097%
45	15.819	2101	2105	2110	rVB	121915	149546	4.97%	0.366%
46	15.883	2110	2116	2120	rBV4	7281	12782	0.42%	0.031%
47	15.931	2120	2124	2131	rVB8	5268	9858	0.33%	0.024%
48	16.007	2131	2137	2144	rBV	1955789	2964467	98.44%	7.252%
49	16.125	2151	2157	2166	rBV	452098	611075	20.29%	1.495%
50	16.225	2166	2174	2175	rBV	27424	51243	1.70%	0.125%
51	16.313	2186	2189	2194	rVB2	9132	13535	0.45%	0.033%
52	16.372	2195	2199	2202	rBV	12387	15448	0.51%	0.038%
53	16.448	2207	2212	2217	rVB4	23288	36474	1.21%	0.089%
54	16.631	2238	2243	2246	rBV4	9129	15125	0.50%	0.037%
55	16.672	2246	2250	2258	rVV	98717	160658	5.33%	0.393%
56	16.860	2279	2282	2291	rVB	9129	17021	0.57%	0.042%
57	16.954	2293	2298	2304	rVV	28737	43505	1.44%	0.106%
58	17.013	2304	2308	2312	rVV3	9941	18233	0.61%	0.045%
59	17.072	2315	2318	2321	rVV2	9753	12372	0.41%	0.030%
60	17.107	2321	2324	2332	rVB2	12103	23795	0.79%	0.058%
61	17.178	2332	2336	2341	rBV3	11196	16532	0.55%	0.040%
62	17.242	2343	2347	2351	rVB3	8628	10536	0.35%	0.026%
63	17.283	2351	2354	2359	rBV2	5404	8639	0.29%	0.021%
64	17.460	2379	2384	2388	rBV	59813	72367	2.40%	0.177%
65	17.513	2389	2393	2396	rVV3	17527	28153	0.93%	0.069%
66	17.542	2396	2398	2404	rVB3	10349	13810	0.46%	0.034%
67	17.754	2428	2434	2444	rBV2	1701719	2457256	81.60%	6.011%
68	17.854	2444	2451	2460	rBV	2031339	2976389	98.83%	7.281%
69	17.930	2460	2464	2471	rVB5	6892	13944	0.46%	0.034%
70	17.995	2471	2475	2482	rBV6	6836	12387	0.41%	0.030%
71	18.195	2504	2509	2514	rVB	30726	36702	1.22%	0.090%

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72	18.366	2534	2538	2543	rVB3	8283	12527	0.42%	0.031%
73	18.495	2552	2560	2564	rBV7	6854	15997	0.53%	0.039%
74	18.589	2571	2576	2588	rBV	174483	275640	9.15%	0.674%
75	18.872	2621	2624	2628	rBV	13665	17206	0.57%	0.042%
76	18.907	2628	2630	2634	rVV	10306	11919	0.40%	0.029%
77	19.089	2657	2661	2667	rVB2	5947	9979	0.33%	0.024%
78	19.348	2699	2705	2708	rBV3	12131	15556	0.52%	0.038%
79	19.448	2717	2722	2726	rVB6	7878	13906	0.46%	0.034%
80	19.495	2726	2730	2733	rBV3	9025	12873	0.43%	0.031%
81	19.701	2760	2765	2767	rBV4	10206	16521	0.55%	0.040%
82	19.748	2767	2773	2776	rVB	24141	42426	1.41%	0.104%
83	19.836	2784	2788	2798	rBV	48930	78028	2.59%	0.191%
84	19.995	2809	2815	2819	rVB	19455	30367	1.01%	0.074%
85	20.107	2828	2834	2841	rVB	2182779	3011519	100.00%	7.367%
86	20.966	2974	2980	2986	rVB6	15249	24370	0.81%	0.060%
87	21.071	2995	2998	3001	rBV4	10900	13453	0.45%	0.033%
88	21.107	3001	3004	3007	rVB3	19287	19378	0.64%	0.047%
89	21.171	3012	3015	3020	rBV3	12178	16015	0.53%	0.039%
90	21.530	3072	3076	3092	rBV	203075	380275	12.63%	0.930%
91	21.877	3129	3135	3142	rVB	1458431	1977561	65.67%	4.838%
92	22.448	3229	3232	3235	rBV2	18994	22240	0.74%	0.054%
93	22.954	3314	3318	3331	rVB2	37330	64325	2.14%	0.157%
94	23.095	3340	3342	3348	rVB2	23077	34069	1.13%	0.083%
95	23.512	3409	3413	3419	rVB2	76380	126437	4.20%	0.309%
96	24.142	3516	3520	3522	rBV	59467	89575	2.97%	0.219%
97	24.195	3522	3529	3541	rVB2	1110246	2245218	74.55%	5.492%
98	24.354	3548	3556	3568	rVB2	848158	1769458	58.76%	4.329%
99	24.865	3638	3643	3651	rVB	83238	164578	5.46%	0.403%
100	25.706	3781	3786	3793	rVB3	53479	116618	3.87%	0.285%

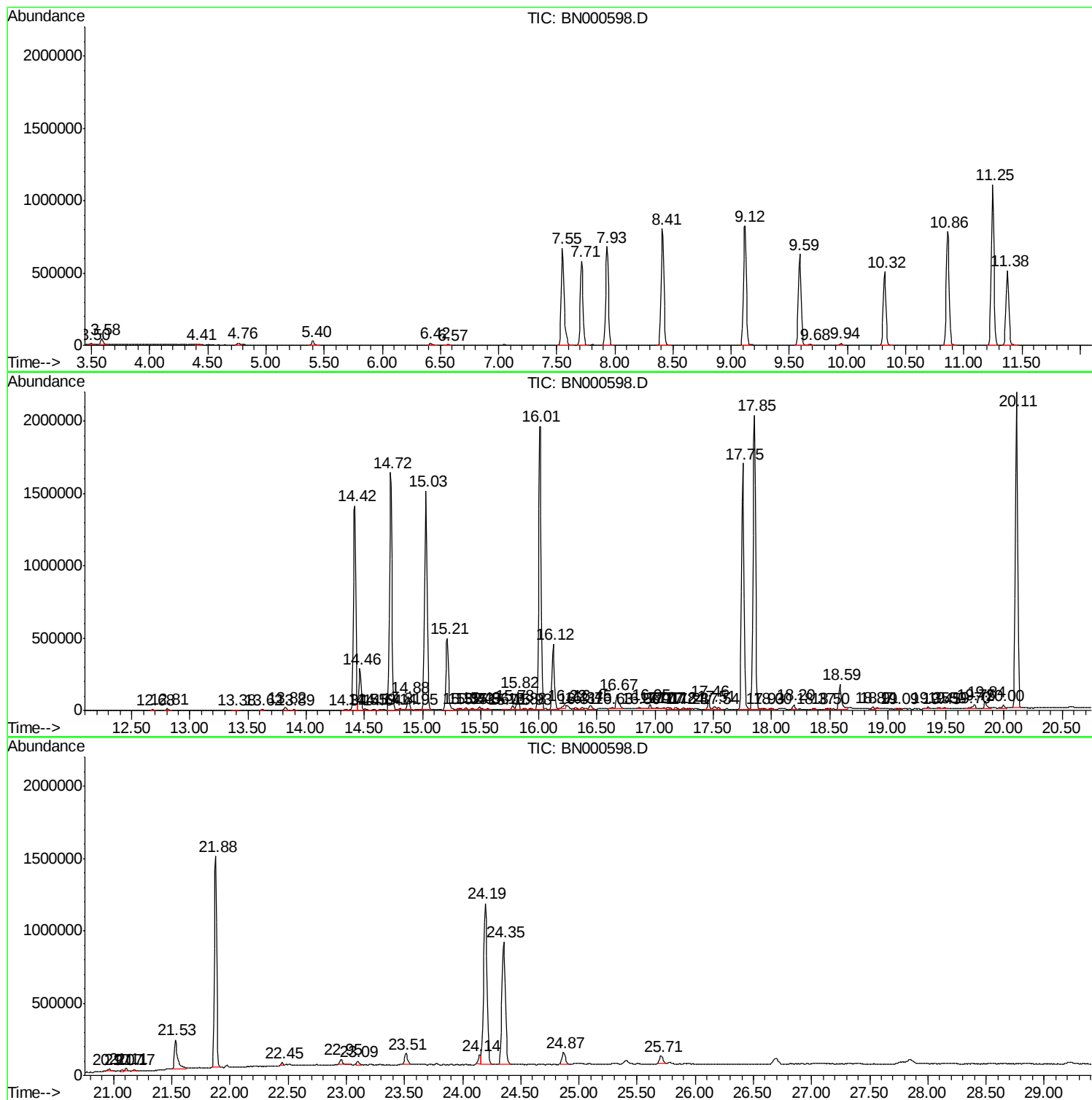
Sum of corrected areas: 40878558

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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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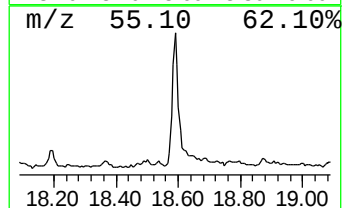
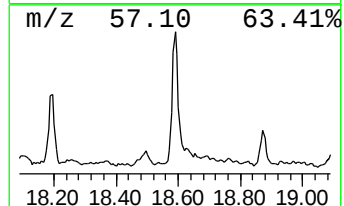
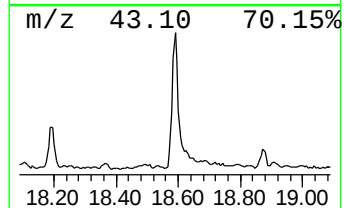
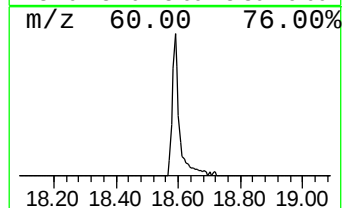
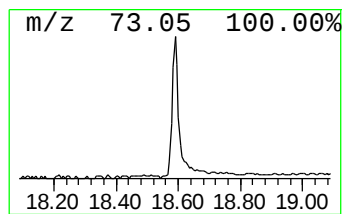
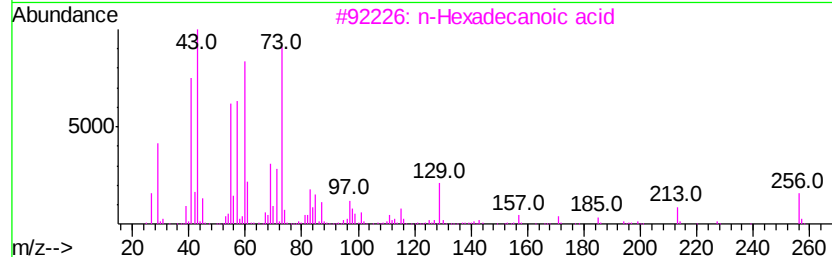
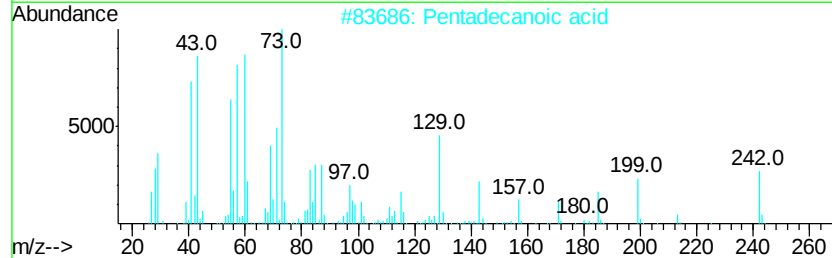
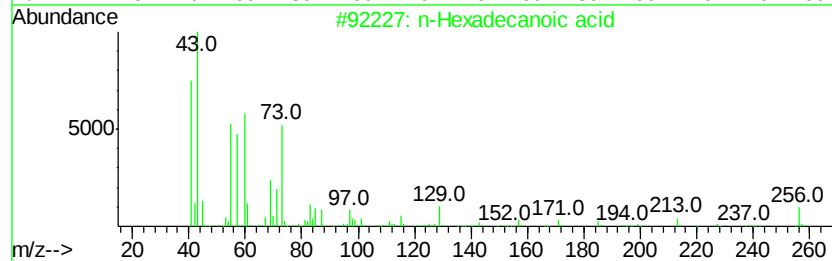
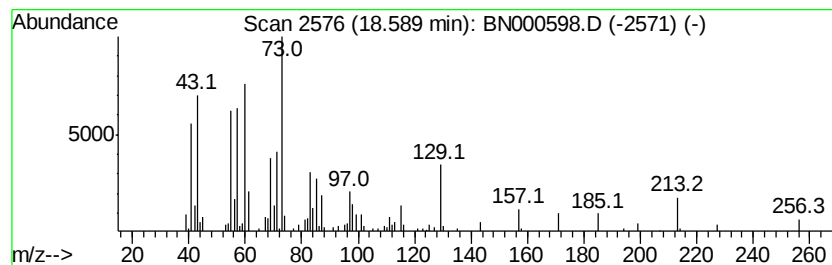
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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	2.24 ng/ul	275640	Phenanthrene-d10	17.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	18
5			Tridecane	184	C13H28	000629-50-5	11



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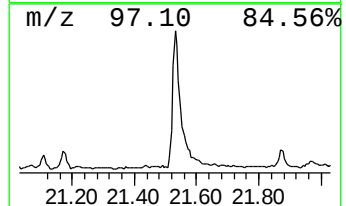
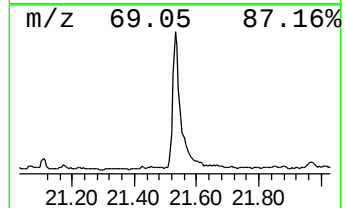
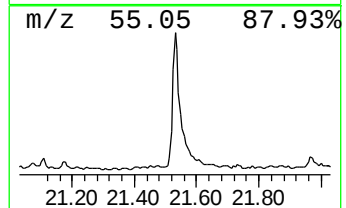
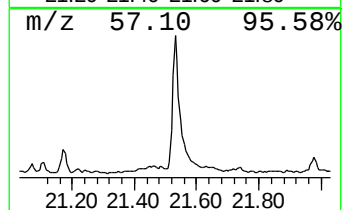
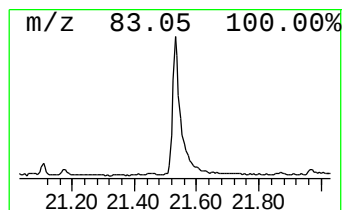
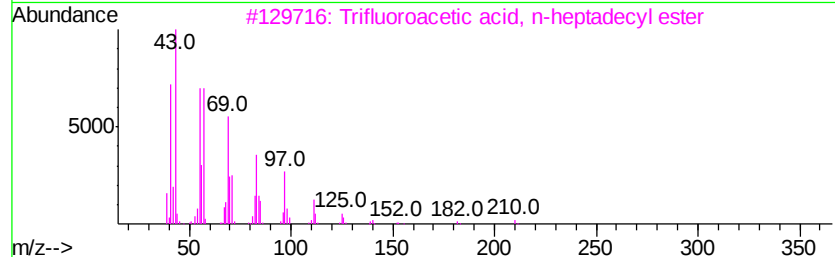
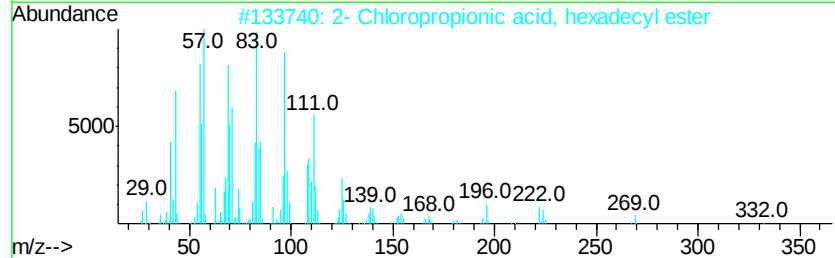
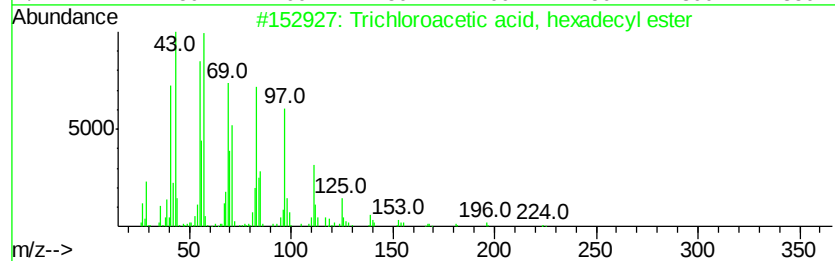
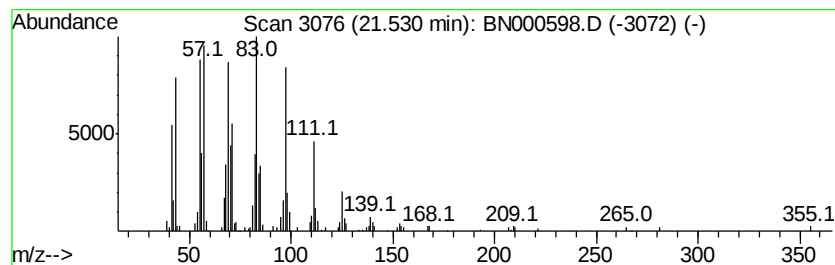
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	3.85 ng/ul	380275	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
3		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.59	2.2	ng/ul	275640	4	17.75	2457260	20.0
Trichloroacetic a...	21.53	3.9	ng/ul	380275	5	21.88	1977560	20.0