

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046776.D
 Acq On : 3 Oct 2020 17:51
 Operator : CG/JU
 Sample : L4150-20
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7M1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG046776.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.532	27	33	40	rVB	22329	33584	0.88%	0.109%
2	4.278	156	160	169	rBV7	5341	12777	0.33%	0.041%
3	5.213	310	319	321	rBV7	7903	12612	0.33%	0.041%
4	5.941	436	443	445	rBV4	2405	4338	0.11%	0.014%
5	7.257	659	667	678	rVB	431682	724827	18.92%	2.345%
6	7.433	689	697	706	rVV	276527	464492	12.13%	1.503%
7	7.639	724	732	741	rBV	391063	666255	17.39%	2.156%
8	8.109	802	812	819	rBV	260787	427892	11.17%	1.384%
9	8.802	922	930	938	rVB	500854	845176	22.07%	2.734%
10	9.267	1001	1009	1017	rVV	372220	667652	17.43%	2.160%
11	9.431	1033	1037	1040	rVB5	3238	4831	0.13%	0.016%
12	9.690	1077	1081	1082	rBV3	4591	4061	0.11%	0.013%
13	9.995	1125	1133	1140	rBV	348756	606149	15.83%	1.961%
14	10.536	1216	1225	1233	rBV	514697	937932	24.49%	3.035%
15	10.923	1284	1291	1301	rVB	352169	627189	16.37%	2.029%
16	11.047	1304	1312	1320	rVV	435865	772975	20.18%	2.501%
17	12.492	1554	1558	1563	rVB3	10936	17760	0.46%	0.057%
18	12.639	1581	1583	1588	rVB3	2809	4871	0.13%	0.016%
19	13.045	1648	1652	1657	rVB4	4159	8697	0.23%	0.028%
20	13.092	1657	1660	1663	rBV4	3852	5697	0.15%	0.018%
21	13.562	1739	1740	1745	rVB3	6313	4852	0.13%	0.016%
22	13.626	1745	1751	1759	rVB4	7586	12990	0.34%	0.042%
23	14.131	1830	1837	1842	rVV	920583	1314042	34.31%	4.251%
24	14.178	1842	1845	1850	rVB	71847	98967	2.58%	0.320%
25	14.372	1874	1878	1880	rVV4	7412	11144	0.29%	0.036%
26	14.425	1881	1887	1899	rVB	988802	1612685	42.10%	5.218%
27	14.625	1918	1921	1925	rVB3	4699	5933	0.15%	0.019%
28	14.737	1932	1940	1947	rVB	598922	949573	24.79%	3.072%
29	14.842	1953	1958	1961	rBV3	3684	5590	0.15%	0.018%
30	14.907	1961	1969	1982	rBV	497360	804467	21.00%	2.603%
31	15.453	2059	2062	2066	rBV4	3446	5491	0.14%	0.018%
32	15.571	2081	2082	2089	rVB6	2933	3962	0.10%	0.013%
33	15.724	2099	2108	2115	rBV	1346651	2009627	52.47%	6.502%
34	15.829	2119	2126	2133	rBV	367001	563040	14.70%	1.822%
35	15.965	2145	2149	2153	rVB2	19972	29476	0.77%	0.095%
36	16.135	2176	2178	2183	rVB4	3314	4615	0.12%	0.015%

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37	16.499	2237	2240	2245	rVV3	7479	9655	0.25%	0.031%
38	16.952	2313	2317	2320	rBV6	3009	4573	0.12%	0.015%
39	17.257	2368	2369	2373	rVB3	4589	4771	0.12%	0.015%
40	17.316	2376	2379	2382	rVB3	3246	4269	0.11%	0.014%
41	17.475	2400	2406	2414	rVB	771996	1193783	31.17%	3.862%
42	17.575	2416	2423	2431	rBV	1443927	2164813	56.52%	7.004%
43	17.710	2441	2446	2451	rBV8	12595	24909	0.65%	0.081%
44	17.804	2457	2462	2464	rVB5	5390	7064	0.18%	0.023%
45	17.886	2475	2476	2478	rVV2	7454	5405	0.14%	0.017%
46	17.968	2486	2490	2492	rVV5	4618	5984	0.16%	0.019%
47	18.009	2495	2497	2498	rVV2	6626	4257	0.11%	0.014%
48	18.033	2498	2501	2504	rVB5	5285	5886	0.15%	0.019%
49	18.139	2517	2519	2523	rVB5	6300	9631	0.25%	0.031%
50	18.174	2523	2525	2527	rBV3	5003	5377	0.14%	0.017%
51	18.280	2540	2543	2545	rBV4	3594	4522	0.12%	0.015%
52	18.356	2551	2556	2562	rBV3	121565	172079	4.49%	0.557%
53	18.744	2621	2622	2625	rVB3	7473	3962	0.10%	0.013%
54	18.785	2627	2629	2634	rVB5	3757	3850	0.10%	0.012%
55	18.838	2634	2638	2643	rBV2	27811	43537	1.14%	0.141%
56	18.979	2651	2662	2663	rBV10	21471	46549	1.22%	0.151%
57	19.008	2664	2667	2668	rBV3	9282	9628	0.25%	0.031%
58	19.490	2745	2749	2753	rBV2	23687	39340	1.03%	0.127%
59	19.625	2769	2772	2776	rBV5	27860	38975	1.02%	0.126%
60	19.743	2788	2792	2795	rBV2	22365	36117	0.94%	0.117%
61	19.854	2805	2811	2823	rVB	1800709	2589868	67.62%	8.379%
62	20.354	2892	2896	2899	rBV6	19046	29471	0.77%	0.095%
63	20.612	2937	2940	2943	rBV4	10664	15272	0.40%	0.049%
64	20.765	2962	2966	2967	rBV4	21980	27569	0.72%	0.089%
65	21.388	3067	3072	3083	rBV	509086	803031	20.97%	2.598%
66	21.752	3127	3134	3140	rVB2	790897	1329082	34.70%	4.300%
67	21.958	3165	3169	3173	rBV7	29703	58245	1.52%	0.188%
68	22.610	3256	3280	3296	rVB5	648971	3830297	100.00%	12.392%
69	23.080	3358	3360	3362	rBV3	11972	7394	0.19%	0.024%
70	24.801	3641	3653	3664	rBV	910451	2504635	65.39%	8.103%
71	25.025	3681	3691	3701	rBV2	454509	1303584	34.03%	4.218%
72	26.376	3914	3921	3934	rBV8	73212	258570	6.75%	0.837%
73	29.325	4421	4423	4425	rBV3	15026	16041	0.42%	0.052%

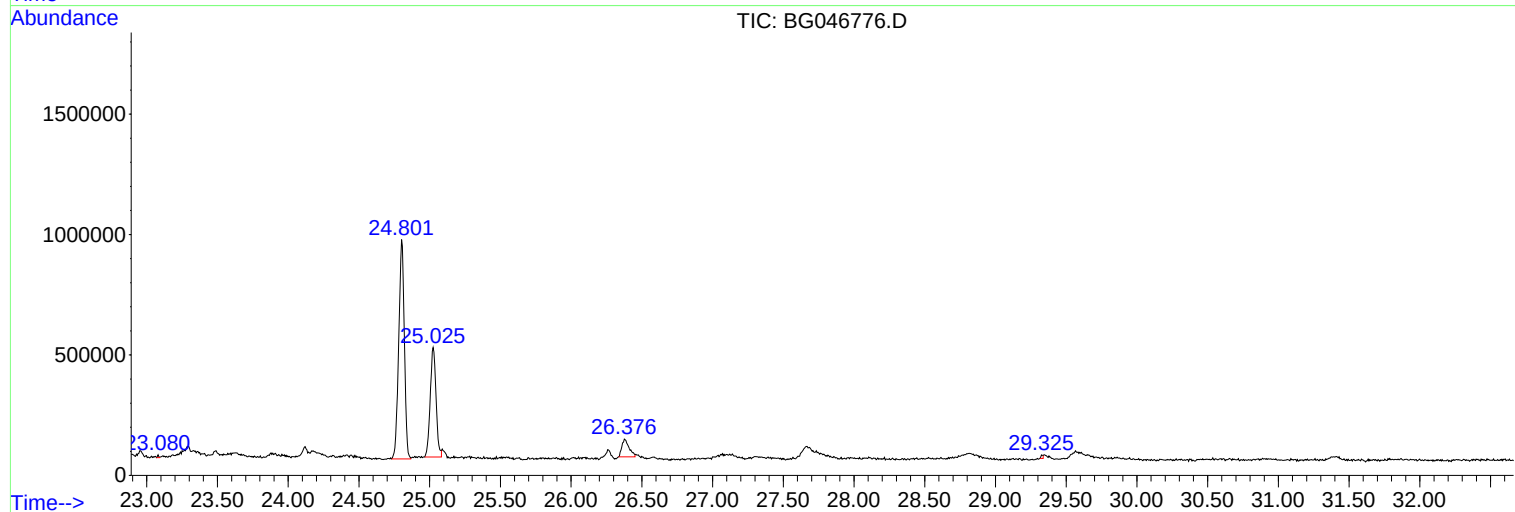
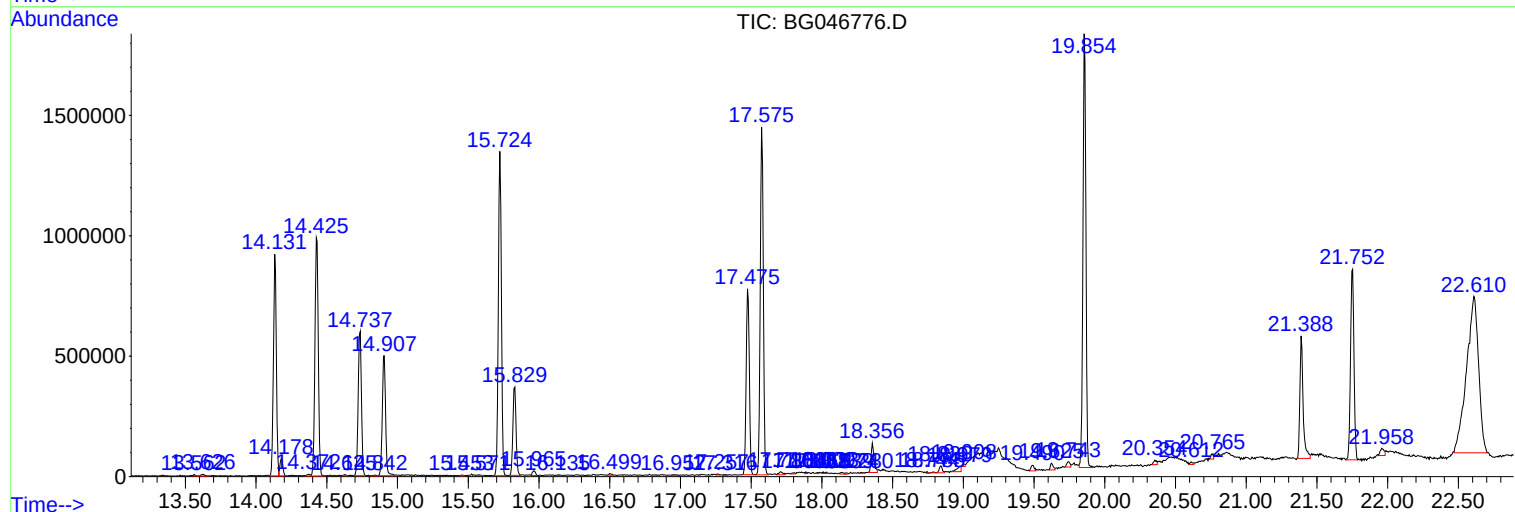
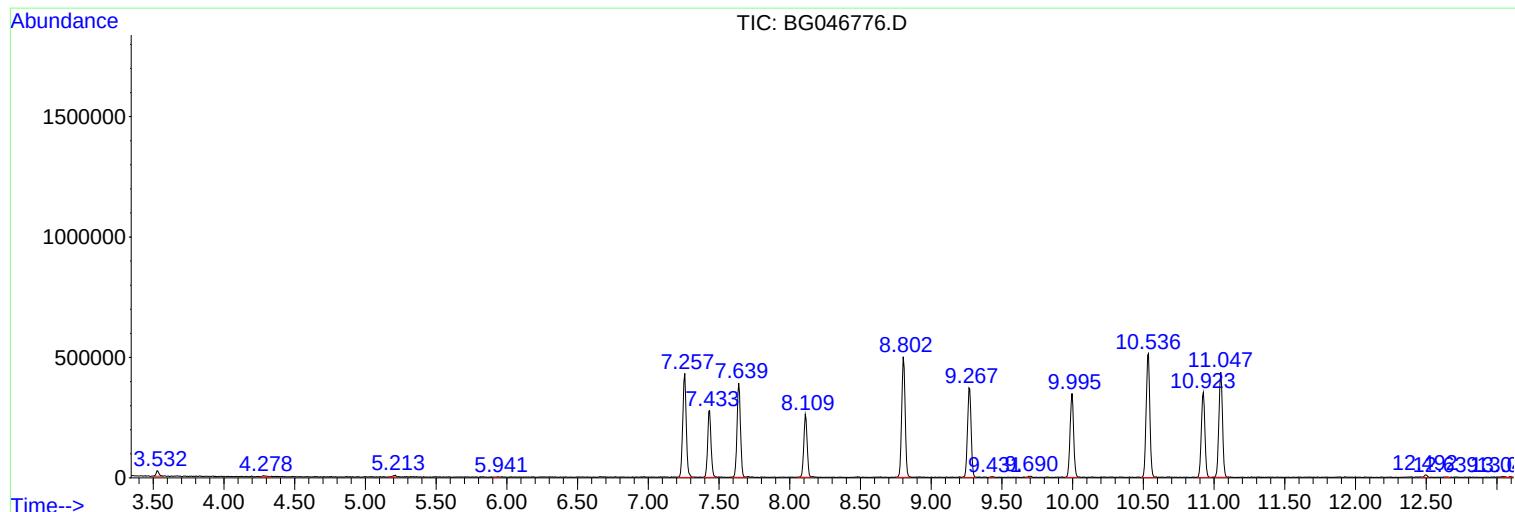
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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



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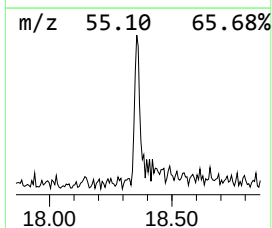
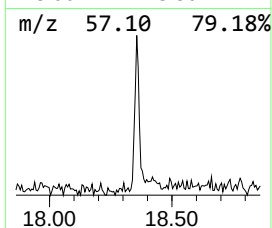
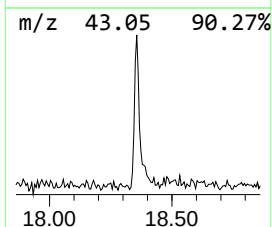
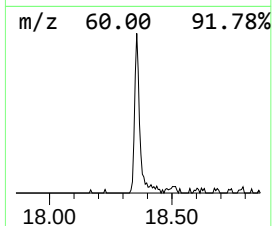
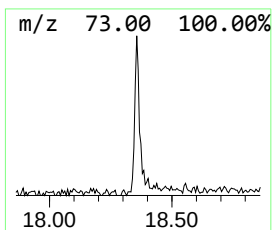
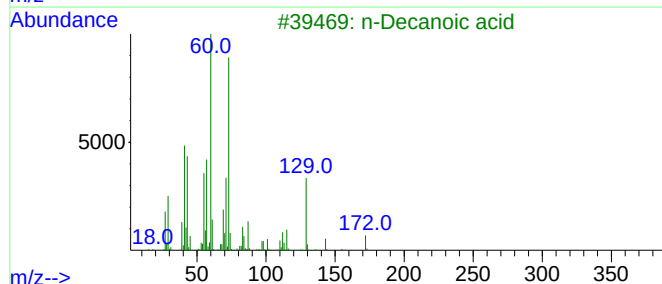
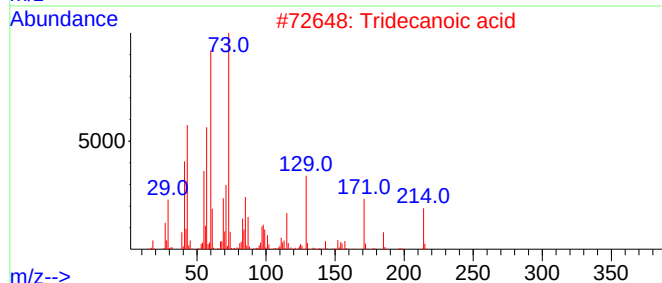
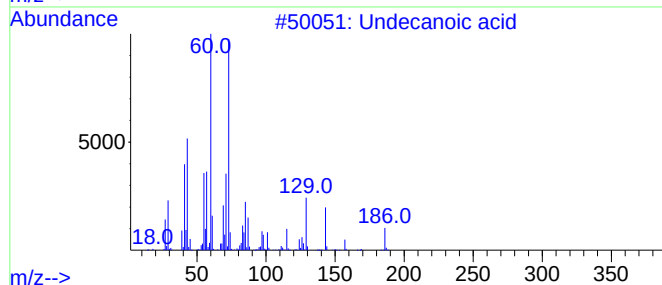
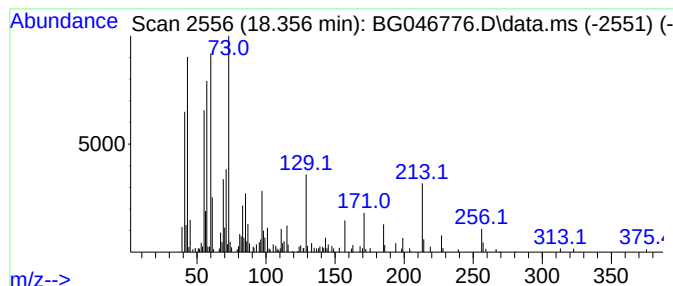
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Undecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.360	2.88 ng/ul	172079	Phenanthrene-d10	17.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid	186	C11H22O2	000112-37-8	68
2			Tridecanoic acid	214	C13H26O2	000638-53-9	58
3			n-Decanoic acid	172	C10H20O2	000334-48-5	58
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
5			Undecanoic acid	186	C11H22O2	000112-37-8	46



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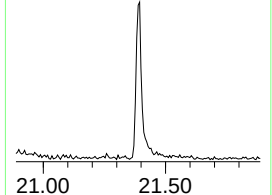
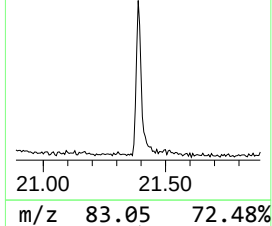
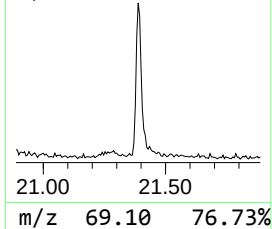
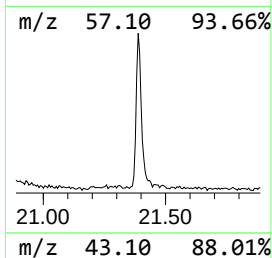
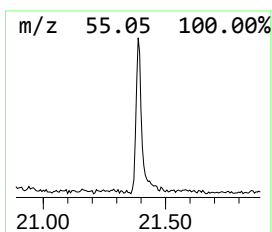
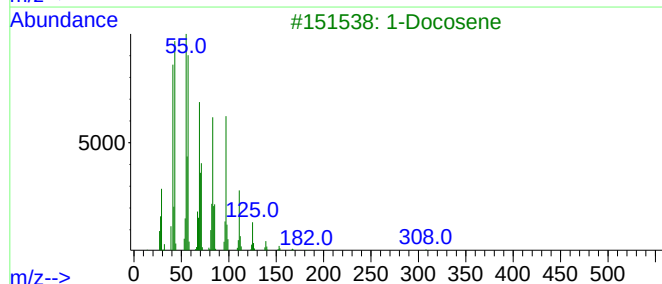
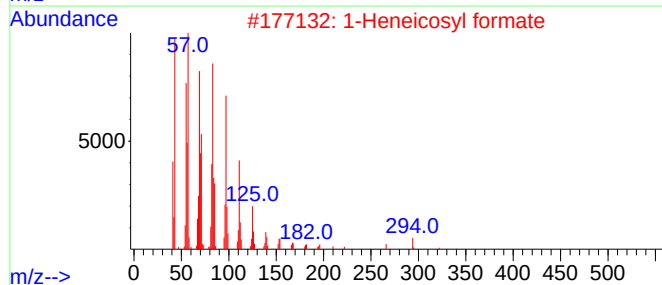
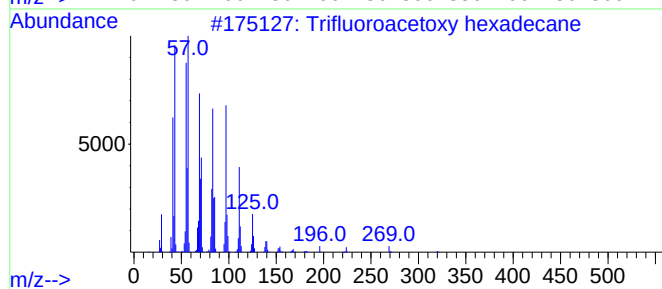
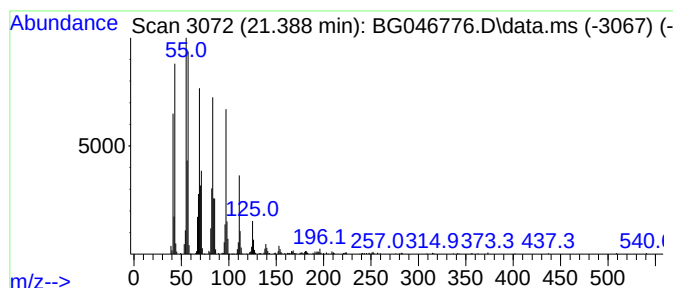
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.390	12.08 ng/ul	803031	Chrysene-d12	21.752

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3			1-Docosene	308	C22H44	001599-67-3	93
4			1-Octadecanol	270	C18H38O	000112-92-5	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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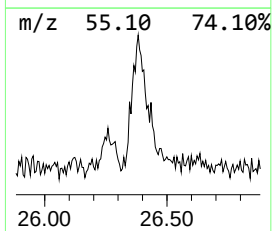
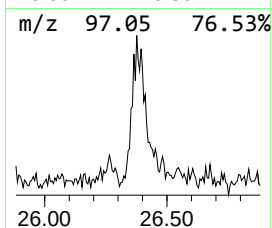
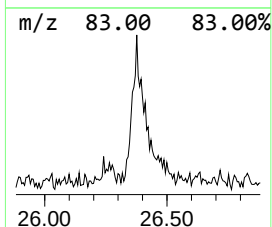
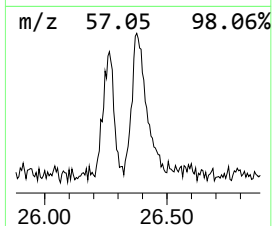
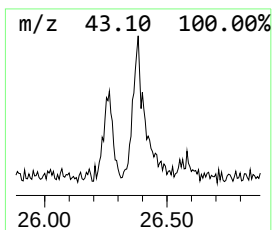
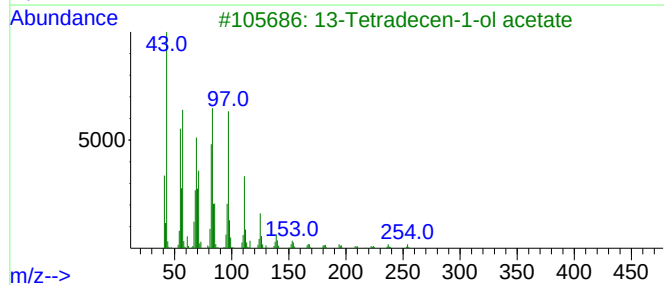
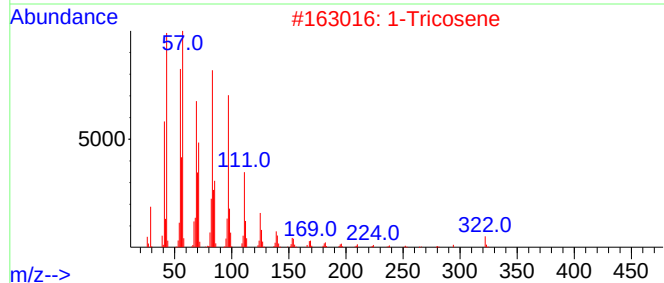
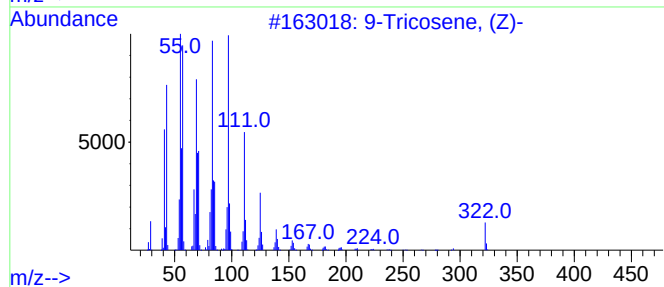
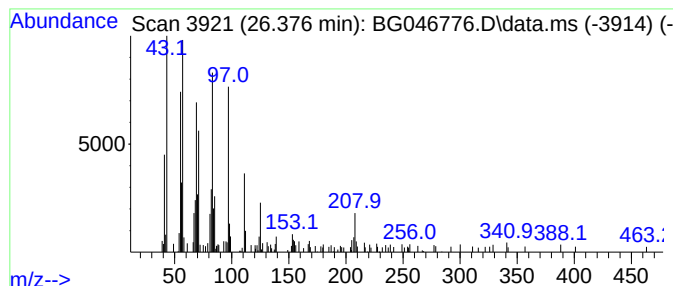
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
26.380	3.97 ng/ul	258570	Perylene-d12	25.025	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	1-Tricosene	322	C23H46	018835-32-0	93
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	1-Heneicosanol	312	C21H44O	015594-90-8	87



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecanoic acid	18.360	2.9	ng/ul	172079	4	17.475	1193780	20.0
Trifluoroacetox...	21.390	12.1	ng/ul	803031	5	21.752	1329080	20.0
Friedelan-3-one	22.610	57.6	ng/ul	3830300	5	21.752	1329080	20.0
(DEL) Alkane: S...	26.380	4.0	ng/ul	258570	6	25.025	1303580	20.0