

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
 Data File : BP004773.D
 Acq On : 17 Feb 2021 15:12
 Operator : CG/JU
 Sample : M1407-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBGK0

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.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	3.252	7	11	18	rVB	12819	20638	1.26%	0.148%
2	3.887	114	119	124	rBV7	2728	5240	0.32%	0.038%
3	3.981	132	135	138	rBV2	2648	2841	0.17%	0.020%
4	6.511	562	565	568	rBV4	1240	1757	0.11%	0.013%
5	6.934	629	637	647	rBV	59017	103249	6.31%	0.742%
6	7.099	659	665	675	rBV	166542	258337	15.80%	1.857%
7	7.299	692	699	707	rBB	211054	335158	20.49%	2.409%
8	7.763	771	778	786	rBV	214906	332206	20.31%	2.388%
9	7.828	786	789	794	rVB6	1441	1900	0.12%	0.014%
10	8.469	890	898	909	rBV	160701	252668	15.45%	1.816%
11	8.916	967	974	986	rBV	216579	356172	21.78%	2.560%
12	9.346	1043	1047	1052	rVB3	5320	7997	0.49%	0.057%
13	9.640	1089	1097	1106	rBV	196767	321361	19.65%	2.310%
14	10.175	1181	1188	1199	rBV	265677	453777	27.75%	3.262%
15	10.557	1245	1253	1262	rBV	262794	432756	26.46%	3.111%
16	10.699	1271	1277	1286	rVB2	13713	26428	1.62%	0.190%
17	12.151	1517	1524	1528	rBV4	4571	7576	0.46%	0.054%
18	13.240	1705	1709	1716	rBV7	4187	7320	0.45%	0.053%
19	13.304	1716	1720	1723	rBV5	1784	1868	0.11%	0.013%
20	13.822	1801	1808	1813	rBV	542493	729915	44.63%	5.247%
21	13.863	1813	1815	1820	rVB	12114	15188	0.93%	0.109%
22	14.104	1846	1856	1866	rBV	578427	844276	51.63%	6.069%
23	14.316	1887	1892	1897	rBV8	1981	2317	0.14%	0.017%
24	14.410	1901	1908	1918	rBV	397678	577742	35.33%	4.153%
25	14.610	1937	1942	1954	rBV2	30982	65958	4.03%	0.474%
26	14.839	1975	1981	1983	rBV6	2499	4295	0.26%	0.031%
27	15.039	2010	2015	2017	rBV5	1473	2385	0.15%	0.017%
28	15.222	2045	2046	2052	rVB5	1239	1850	0.11%	0.013%
29	15.269	2052	2054	2060	rVB7	1732	3031	0.19%	0.022%
30	15.404	2066	2077	2086	rBV	738793	1058749	64.74%	7.611%
31	15.522	2090	2097	2104	rBV	278690	374219	22.88%	2.690%
32	15.645	2114	2118	2124	rVB3	8209	11932	0.73%	0.086%
33	16.086	2189	2193	2199	rVB8	1932	3195	0.20%	0.023%
34	16.192	2207	2211	2215	rVB6	3603	5279	0.32%	0.038%

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35	16.398	2243	2246	2251	rVB4	5065	7233	0.44%	0.052%
36	16.563	2268	2274	2279	rBV9	2871	6326	0.39%	0.045%
37	16.663	2287	2291	2294	rVB5	1602	2343	0.14%	0.017%
38	16.939	2335	2338	2342	rBV6	2668	4709	0.29%	0.034%
39	17.163	2368	2376	2386	rBV	504590	712774	43.58%	5.124%
40	17.263	2386	2393	2405	rVV	869956	1234718	75.50%	8.876%
41	17.404	2414	2417	2418	rBV3	1604	1846	0.11%	0.013%
42	17.551	2438	2442	2445	rBV6	1100	1730	0.11%	0.012%
43	17.675	2458	2463	2468	rBV9	2363	3664	0.22%	0.026%
44	17.716	2468	2470	2477	rBV8	1112	2498	0.15%	0.018%
45	17.839	2488	2491	2494	rVB4	2786	3328	0.20%	0.024%
46	17.957	2509	2511	2514	rVB4	1582	1663	0.10%	0.012%
47	18.057	2524	2528	2538	rBV	90978	129631	7.93%	0.932%
48	18.345	2574	2577	2581	rBV5	3925	4407	0.27%	0.032%
49	18.475	2596	2599	2602	rBV5	1841	2520	0.15%	0.018%
50	18.645	2626	2628	2631	rVB4	1520	1793	0.11%	0.013%
51	18.704	2636	2638	2641	rBV3	1713	1731	0.11%	0.012%
52	18.957	2679	2681	2686	rVB6	3009	3914	0.24%	0.028%
53	19.145	2709	2713	2717	rBV	13591	17617	1.08%	0.127%
54	19.175	2717	2718	2720	rVB2	2233	1648	0.10%	0.012%
55	19.292	2734	2738	2748	rBV	65569	89947	5.50%	0.647%
56	19.392	2751	2755	2759	rVV2	8912	12984	0.79%	0.093%
57	19.504	2767	2774	2783	rBV	1142477	1500752	91.77%	10.789%
58	20.033	2861	2864	2868	rVB5	5914	6525	0.40%	0.047%
59	20.963	3018	3022	3027	rBV2	70452	93365	5.71%	0.671%
60	21.245	3065	3070	3078	rBV	720643	873489	53.41%	6.279%
61	22.845	3339	3342	3347	rVB4	31335	41374	2.53%	0.297%
62	23.398	3429	3436	3449	rVB	821756	1635400	100.00%	11.757%
63	23.545	3454	3461	3470	rBV2	448944	880960	53.87%	6.333%

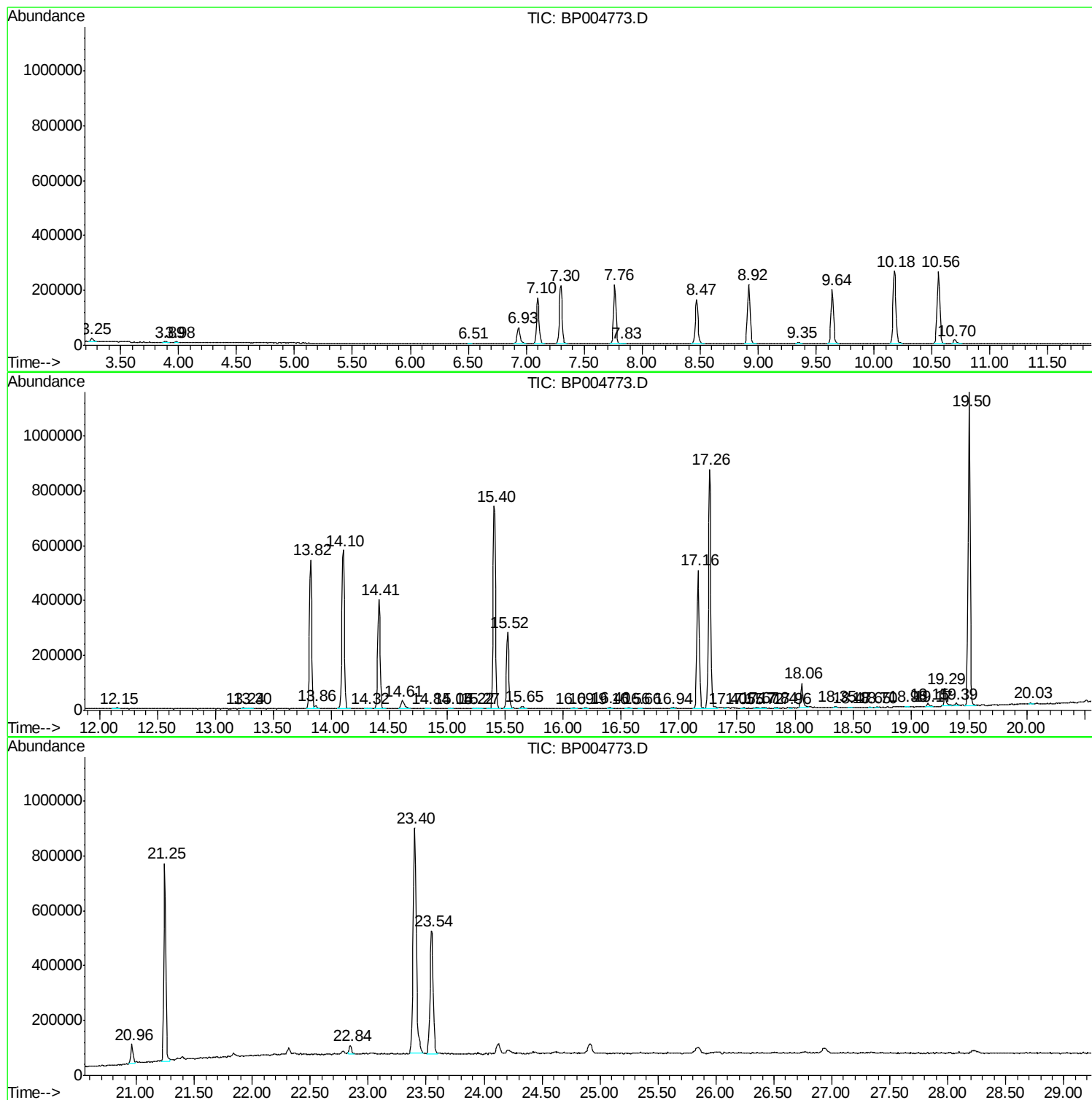
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Quant Title : SVOA CALIBRATION

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



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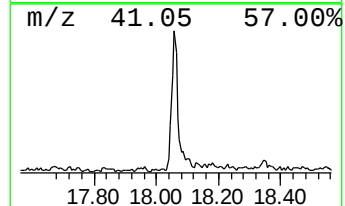
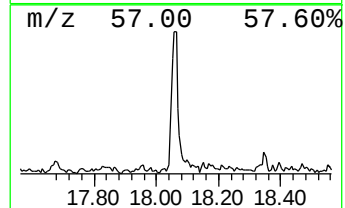
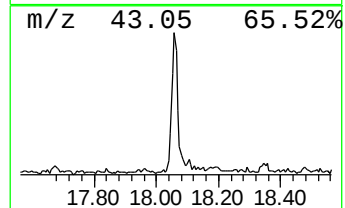
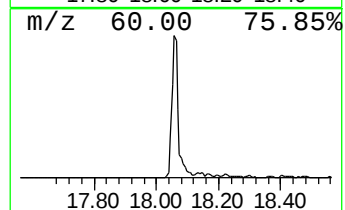
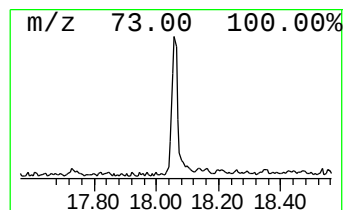
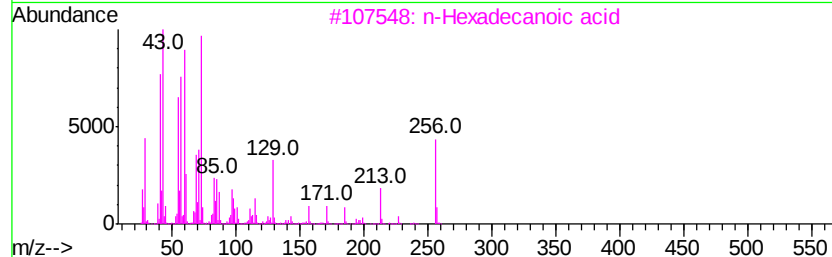
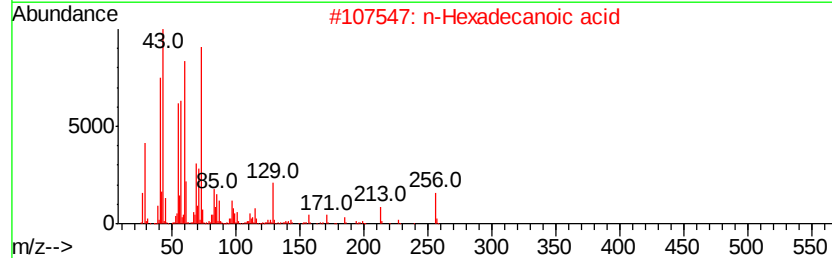
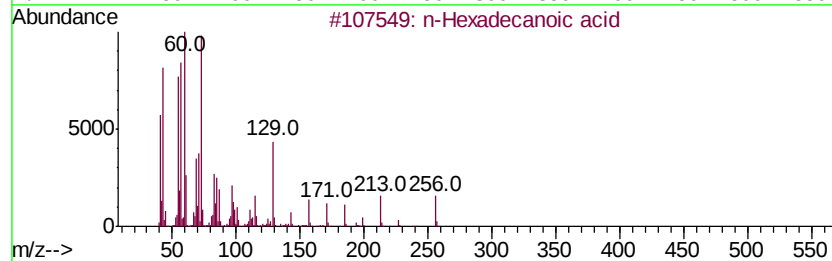
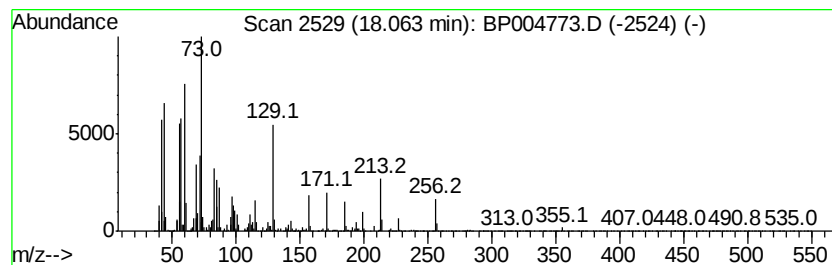
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

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.
18.06	3.64 ng/ul	129631	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	89



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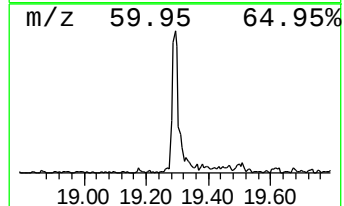
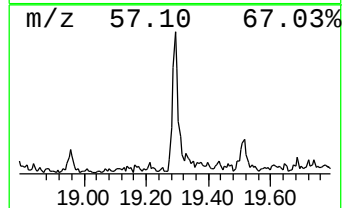
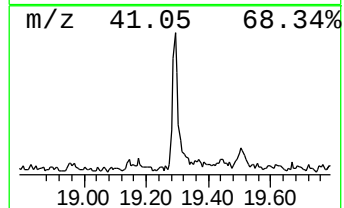
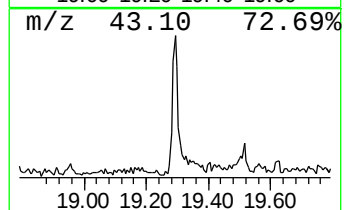
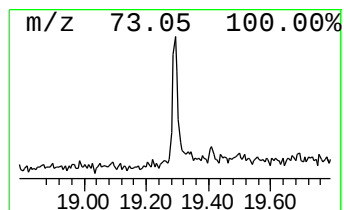
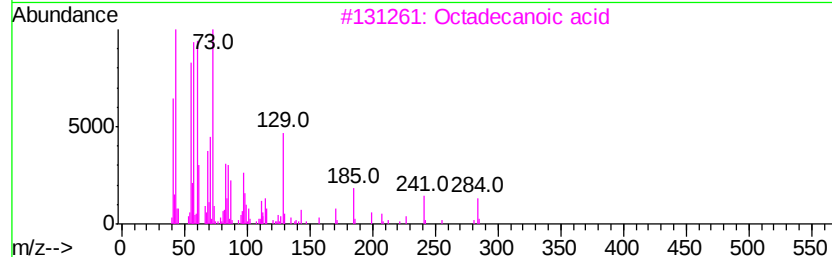
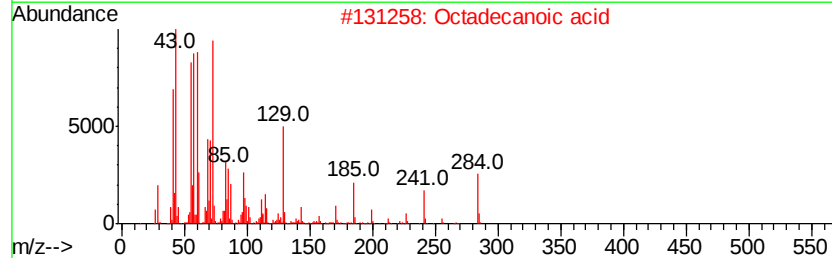
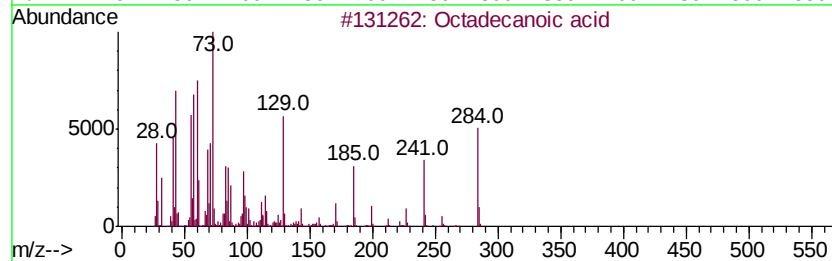
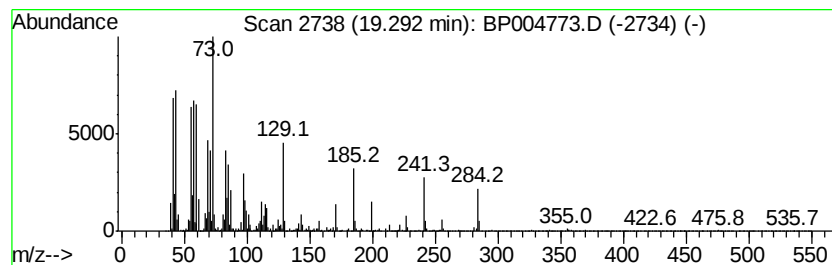
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.06 ng/ul	89947	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	89
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	72



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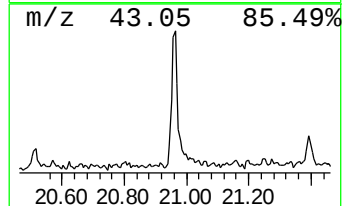
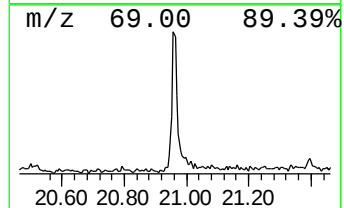
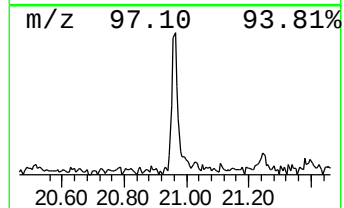
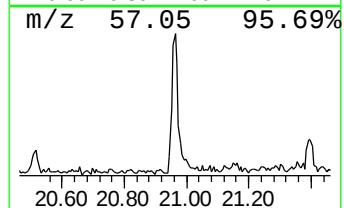
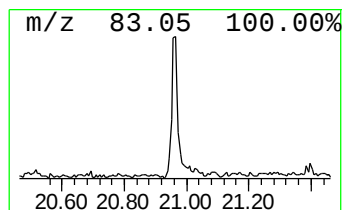
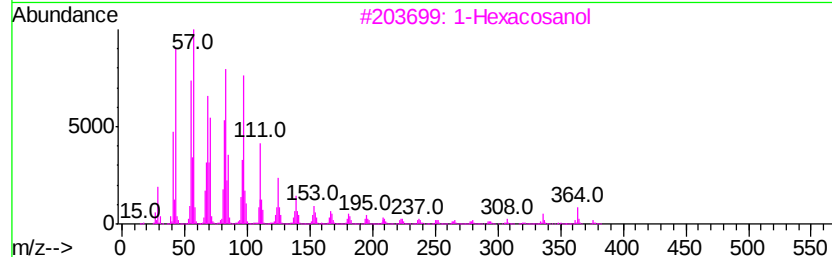
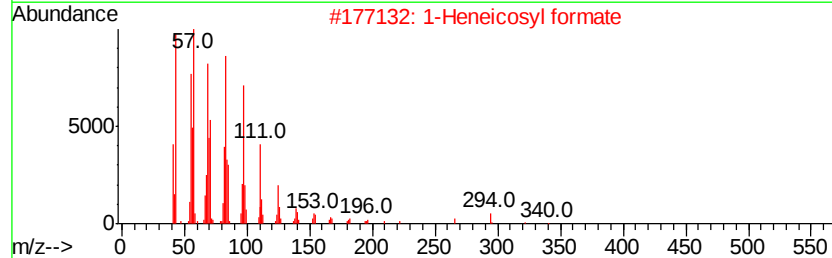
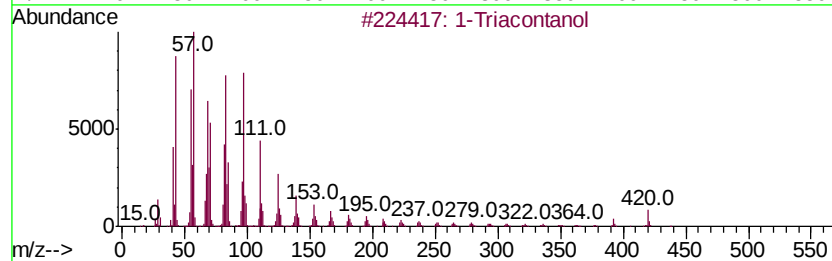
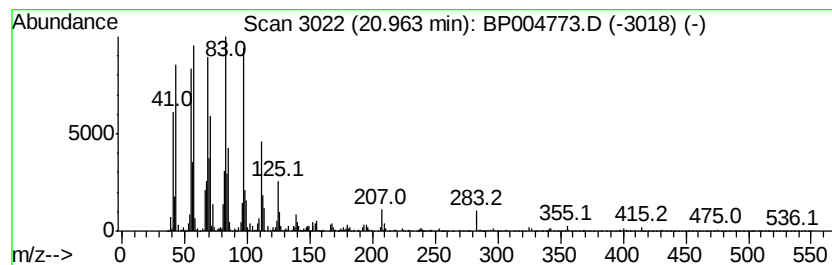
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Peak Number 3 1-Triacontanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.14 ng/ul	93365	Chrysene-d12	21.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Triacontanol	438 C30H62O	000593-50-0	94
2	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
3	1-Hexacosanol	382 C26H54O	000506-52-5	93
4	Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3	93
5	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.06	3.6	ng/ul	129631	4	17.16	712774	20.0
Octadecanoic acid	19.29	2.1	ng/ul	89947	5	21.25	873489	20.0
1-Triacontanol	20.96	2.1	ng/ul	93365	5	21.25	873489	20.0