

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030321\
 Data File : BM028973.D
 Acq On : 03 Mar 2021 12:35
 Operator : CG/JU
 Sample : M1546-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FZ3

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_M\METHODS\SOM-EPA-BM022721MA.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	3.122	20	23	27	rVV	3242	3810	1.26%	0.126%
2	3.269	44	48	52	rVB	312	411	0.14%	0.014%
3	6.869	657	660	662	rBB	438	533	0.18%	0.018%
4	6.951	670	674	684	rBB	11024	16551	5.48%	0.549%
5	7.104	695	700	710	rBB	47850	74259	24.58%	2.465%
6	7.298	728	733	743	rBB	57113	86296	28.56%	2.865%
7	7.769	807	813	822	rBB	54312	82445	27.29%	2.737%
8	8.128	871	874	876	rBB	456	517	0.17%	0.017%
9	8.498	932	937	948	rBB	33295	51244	16.96%	1.701%
10	8.939	1007	1012	1023	rBB	66549	106682	35.31%	3.541%
11	9.304	1071	1074	1078	rBB	1208	1463	0.48%	0.049%
12	9.663	1129	1135	1143	rBB	58471	90799	30.05%	3.014%
13	10.198	1221	1226	1238	rBB	74797	119967	39.71%	3.982%
14	10.563	1282	1288	1297	rBB	69005	114114	37.77%	3.788%
15	10.739	1314	1318	1323	rBB	895	1271	0.42%	0.042%
16	11.798	1495	1498	1500	rBB	472	390	0.13%	0.013%
17	12.169	1558	1561	1564	rBB	555	739	0.24%	0.025%
18	13.845	1841	1846	1852	rBV	135478	175269	58.01%	5.818%
19	13.892	1852	1854	1858	rVB	895	1005	0.33%	0.033%
20	14.121	1887	1893	1902	rBB	157241	217694	72.06%	7.227%
21	14.427	1940	1945	1951	rBB	101304	139875	46.30%	4.643%
22	14.686	1985	1989	1997	rBB	3599	5623	1.86%	0.187%
23	15.427	2109	2115	2121	rBB	186360	255951	84.72%	8.496%
24	15.568	2135	2139	2147	rBB	56633	75630	25.03%	2.511%
25	15.662	2153	2155	2159	rBB	851	950	0.31%	0.032%
26	16.386	2276	2278	2281	rBB	653	525	0.17%	0.017%
27	17.174	2406	2412	2418	rBB	111890	146176	48.39%	4.852%
28	17.274	2423	2429	2440	rBB	207936	276067	91.38%	9.164%
29	17.833	2521	2524	2527	rVB	226	366	0.12%	0.012%
30	17.939	2538	2542	2543	rVB	661	659	0.22%	0.022%
31	18.056	2559	2562	2569	rVV2	3980	5239	1.73%	0.174%
32	18.380	2615	2617	2620	rBV2	274	323	0.11%	0.011%
33	18.539	2640	2644	2650	rBV2	2216	3110	1.03%	0.103%
34	18.668	2664	2666	2669	rVB	333	379	0.13%	0.013%

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35	18.803	2683	2689	2694	rBV	14072	16600	5.49%	0.551%
36	18.892	2701	2704	2707	rVV	4033	4029	1.33%	0.134%
37	18.915	2707	2708	2713	rVB2	568	534	0.18%	0.018%
38	18.956	2713	2715	2719	rBV	1010	1092	0.36%	0.036%
39	19.045	2727	2730	2731	rBV	397	332	0.11%	0.011%
40	19.092	2736	2738	2740	rBV	285	365	0.12%	0.012%
41	19.203	2751	2757	2759	rBV3	1404	2058	0.68%	0.068%
42	19.315	2773	2776	2777	rBV	514	469	0.16%	0.016%
43	19.339	2777	2780	2783	rVV	1884	1833	0.61%	0.061%
44	19.374	2783	2786	2788	rVV	538	583	0.19%	0.019%
45	19.403	2788	2791	2792	rVV3	393	451	0.15%	0.015%
46	19.439	2794	2797	2802	rVV2	2735	3678	1.22%	0.122%
47	19.503	2805	2808	2812	rBV3	800	1474	0.49%	0.049%
48	19.562	2812	2818	2824	rVV	228013	295461	97.80%	9.808%
49	19.603	2824	2825	2828	rVV2	584	603	0.20%	0.020%
50	19.627	2828	2829	2832	rVV2	545	553	0.18%	0.018%
51	19.674	2836	2837	2839	rVB	541	367	0.12%	0.012%
52	19.880	2870	2872	2873	rBV2	617	345	0.11%	0.011%
53	19.915	2876	2878	2880	rBV2	668	795	0.26%	0.026%
54	19.968	2885	2887	2891	rVB3	1088	1150	0.38%	0.038%
55	20.009	2891	2894	2895	rBV3	806	749	0.25%	0.025%
56	20.139	2914	2916	2917	rBV2	671	362	0.12%	0.012%
57	20.656	3002	3004	3007	rBV3	1149	914	0.30%	0.030%
58	21.044	3066	3070	3075	rBV	16285	20050	6.64%	0.666%
59	21.339	3115	3120	3126	rBV	128295	149348	49.43%	4.958%
60	23.397	3463	3470	3477	rBV	175441	302110	100.00%	10.029%
61	23.532	3487	3493	3502	rVB	84082	149798	49.58%	4.973%

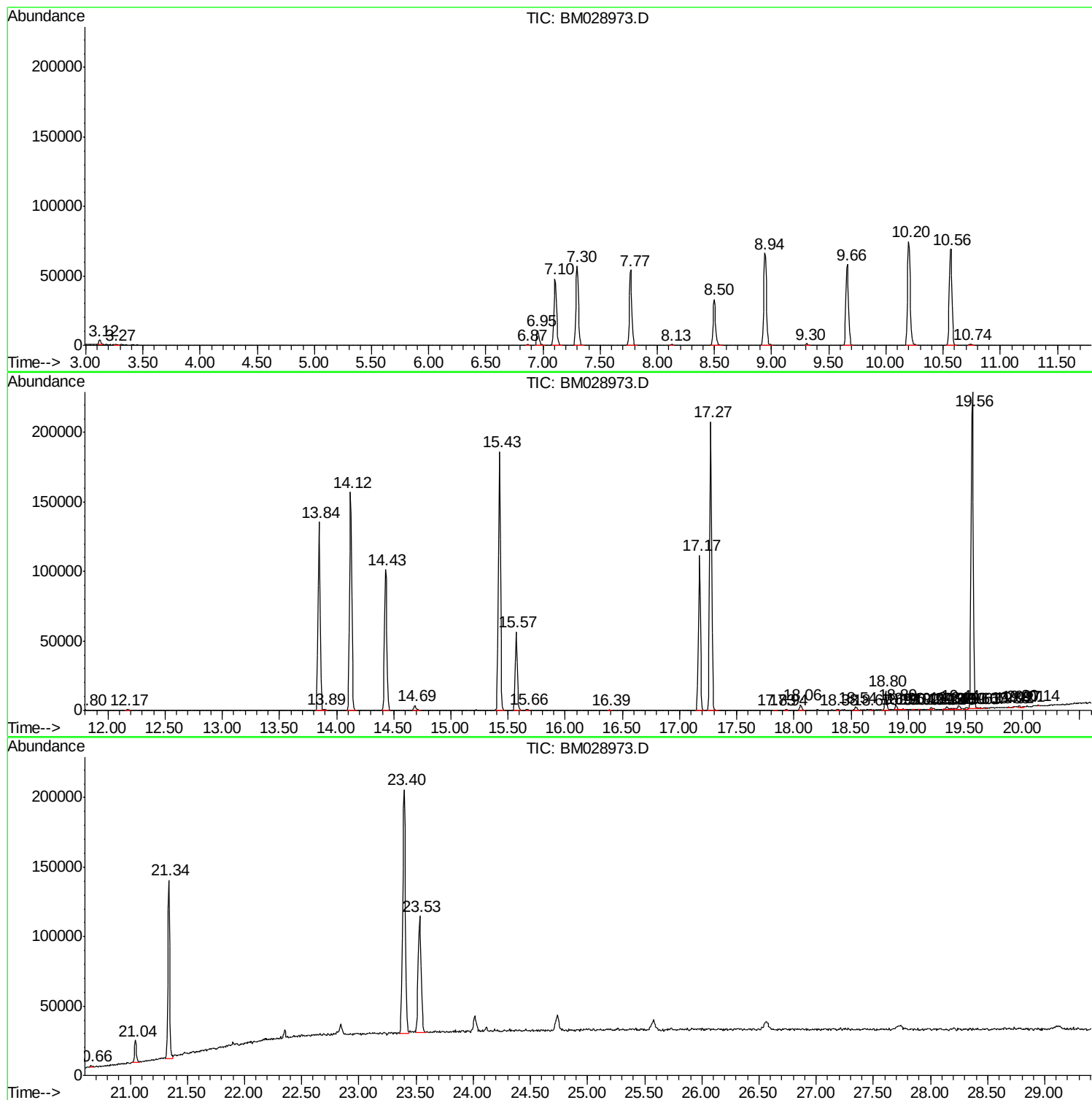
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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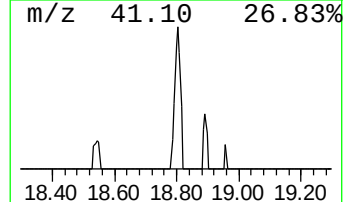
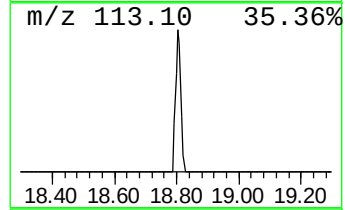
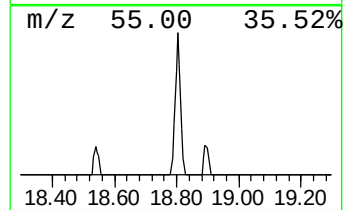
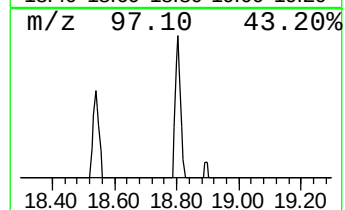
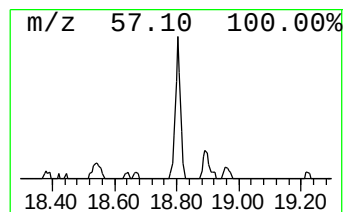
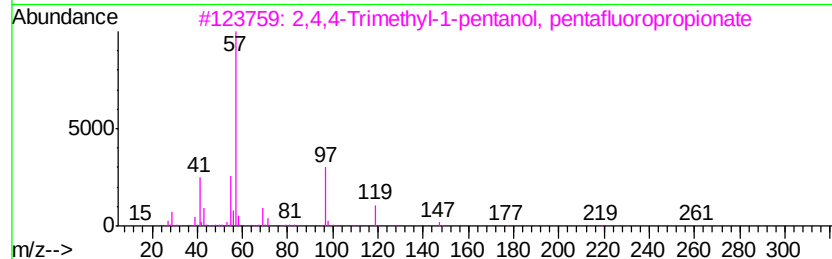
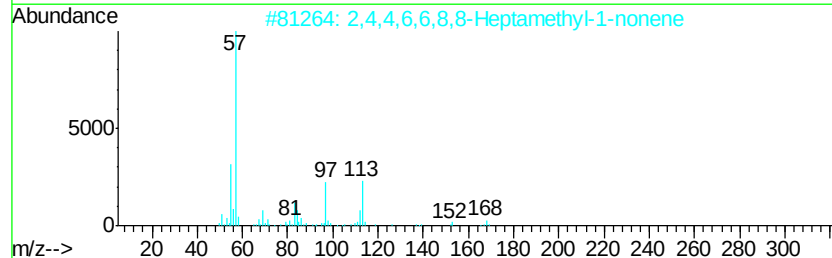
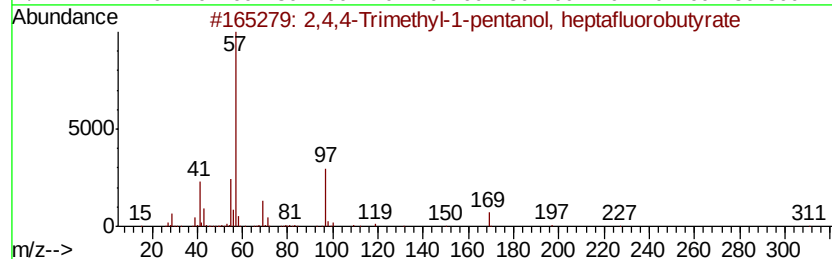
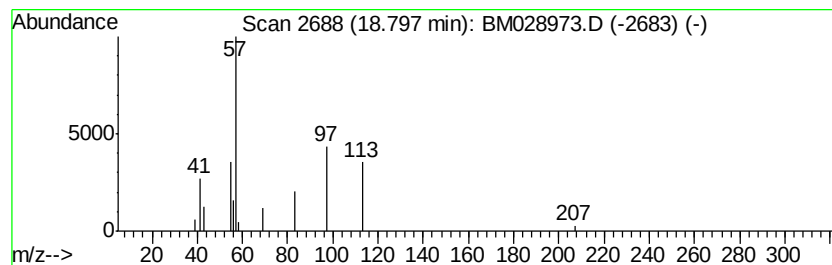
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2,4,4-Trimethyl-1-pentanol,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.27 ng/ul	16600	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	50
2		2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
3		2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	47
4		2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	38
5		Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	36



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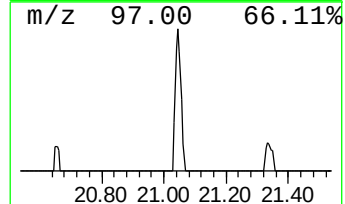
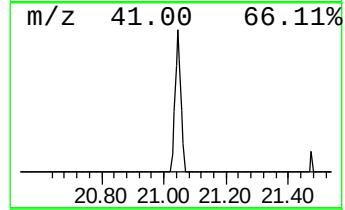
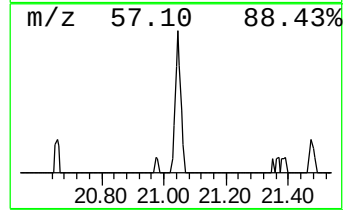
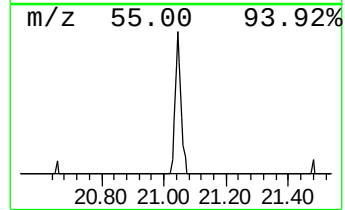
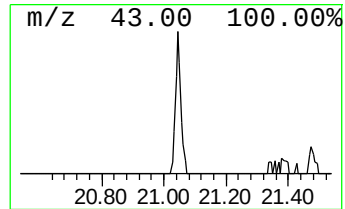
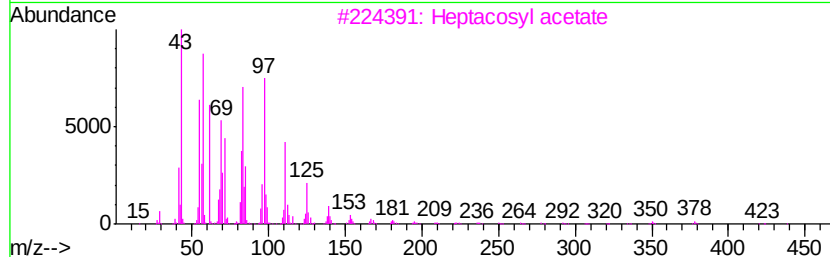
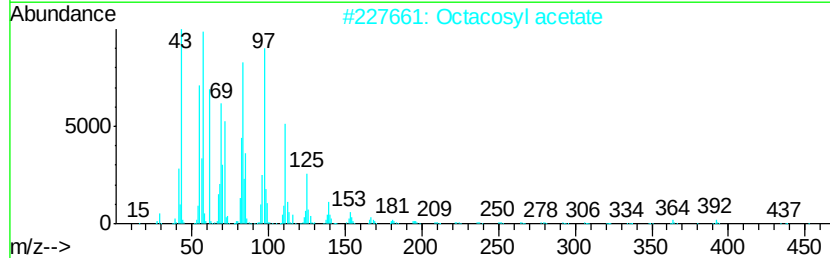
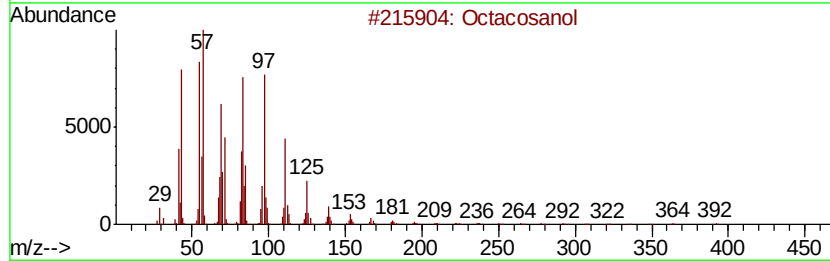
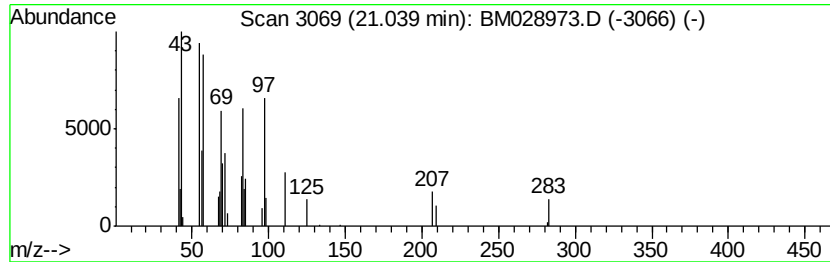
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Peak Number 2 Octacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.69 ng/ul	20050	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosanol	410 C28H58O	000557-61-9	87
2	Octacosyl acetate	452 C30H60O2	018206-97-8	83
3	Heptacosyl acetate	438 C29H58O2	1000351-78-2	83
4	n-Tetracosanol-1	354 C24H50O	000506-51-4	80
5	17-Pentatriacontene	491 C35H70	006971-40-0	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,4-Trimethyl-1...	18.80	2.3	ng/ul	16600	4	17.17	146176	20.0
Octacosanol	21.04	2.7	ng/ul	20050	5	21.34	149348	20.0