

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029834.D
 Acq On : 05 May 2021 19:33
 Operator : CG/JU
 Sample : M2129-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AC1

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\SFAM-EPA-BM050421.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	6.751	652	657	673	rVB	318327	632867	25.52%	2.815%
2	6.910	680	684	697	rVB	246362	432494	17.44%	1.924%
3	7.098	711	716	726	rVB	365878	624105	25.17%	2.776%
4	7.563	790	795	806	rVB	337869	563673	22.73%	2.507%
5	8.281	911	917	934	rVB	354615	658080	26.54%	2.927%
6	8.722	986	992	1006	rBV	289418	527353	21.27%	2.346%
7	9.439	1108	1114	1129	rVB	207830	392562	15.83%	1.746%
8	9.975	1198	1205	1222	rBV	321068	650541	26.24%	2.893%
9	10.339	1261	1267	1279	rBV	454869	769653	31.04%	3.423%
10	10.492	1286	1293	1323	rBV	251863	629113	25.37%	2.798%
11	11.945	1538	1540	1543	rBV3	2752	3147	0.13%	0.014%
12	13.045	1724	1727	1732	rVB7	3812	6001	0.24%	0.027%
13	13.110	1735	1738	1743	rVB5	4700	7038	0.28%	0.031%
14	13.633	1820	1827	1832	rBV	657911	965638	38.94%	4.295%
15	13.680	1832	1835	1845	rVV	66392	105480	4.25%	0.469%
16	13.904	1865	1873	1885	rBV	858040	1287789	51.93%	5.728%
17	13.986	1885	1887	1891	rVB4	3565	3881	0.16%	0.017%
18	14.127	1904	1911	1917	rVB5	4387	5965	0.24%	0.027%
19	14.210	1919	1925	1939	rBV	647454	980005	39.52%	4.359%
20	14.457	1961	1967	1981	rBV3	48625	192286	7.75%	0.855%
21	14.751	2015	2017	2022	rVB5	2209	2611	0.11%	0.012%
22	14.816	2024	2028	2032	rBV5	1690	3082	0.12%	0.014%
23	15.080	2070	2073	2076	rVB4	4179	4767	0.19%	0.021%
24	15.210	2088	2095	2111	rBV	1057118	1514673	61.08%	6.737%
25	15.345	2113	2118	2127	rBV	176582	271735	10.96%	1.209%
26	15.451	2132	2136	2142	rVV4	11111	14794	0.60%	0.066%
27	15.698	2174	2178	2180	rBV4	2135	2640	0.11%	0.012%
28	15.780	2187	2192	2195	rBV3	1497	2769	0.11%	0.012%
29	15.898	2209	2212	2217	rBV6	2114	2722	0.11%	0.012%
30	15.945	2217	2220	2223	rVV4	2798	4672	0.19%	0.021%
31	15.998	2226	2229	2234	rVB5	5537	7255	0.29%	0.032%
32	16.115	2246	2249	2253	rVV5	3155	4974	0.20%	0.022%
33	16.198	2259	2263	2270	rVV3	9676	14124	0.57%	0.063%
34	16.351	2286	2289	2294	rBV5	2778	3507	0.14%	0.016%

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35	16.704	2345	2349	2353	rVV4	4343	7019	0.28%	0.031%
36	16.739	2353	2355	2359	rVV3	3470	4107	0.17%	0.018%
37	16.957	2386	2392	2403	rBV	773614	1096204	44.21%	4.876%
38	17.057	2403	2409	2424	rVV	1077637	1596420	64.38%	7.100%
39	17.174	2427	2429	2439	rVB	6123	14845	0.60%	0.066%
40	17.262	2439	2444	2445	rBV4	7047	9547	0.39%	0.042%
41	17.504	2484	2485	2489	rBV4	2204	2949	0.12%	0.013%
42	17.751	2521	2527	2531	rBV5	6496	10616	0.43%	0.047%
43	17.804	2534	2536	2540	rBV5	4677	7196	0.29%	0.032%
44	17.868	2542	2547	2551	rBV3	41866	63641	2.57%	0.283%
45	18.356	2627	2630	2634	rBV3	6091	8859	0.36%	0.039%
46	18.462	2644	2648	2651	rBV6	4482	6601	0.27%	0.029%
47	18.498	2651	2654	2656	rVB4	3070	3073	0.12%	0.014%
48	18.621	2670	2675	2679	rBV2	21494	30449	1.23%	0.135%
49	18.715	2688	2691	2694	rBV5	2918	4880	0.20%	0.022%
50	18.774	2699	2701	2703	rBV3	2333	2835	0.11%	0.013%
51	18.798	2703	2705	2709	rVB5	5072	4970	0.20%	0.022%
52	18.992	2735	2738	2741	rBV4	10352	13607	0.55%	0.061%
53	19.156	2763	2766	2771	rBV5	9955	13725	0.55%	0.061%
54	19.215	2772	2776	2779	rBV2	26111	35114	1.42%	0.156%
55	19.351	2794	2799	2808	rBV	1370320	1938728	78.19%	8.623%
56	20.874	3053	3058	3068	rBV	186192	385844	15.56%	1.716%
57	21.145	3099	3104	3112	rBV	1006947	1354075	54.61%	6.023%
58	22.174	3276	3279	3285	rVB2	82536	107733	4.34%	0.479%
59	22.656	3358	3361	3366	rVB	115282	152707	6.16%	0.679%
60	23.168	3442	3448	3462	rVB2	1261598	2479660	100.00%	11.029%
61	23.303	3465	3471	3480	rVB	825682	1529489	61.68%	6.803%
62	23.815	3554	3558	3564	rVB	175971	306347	12.35%	1.363%

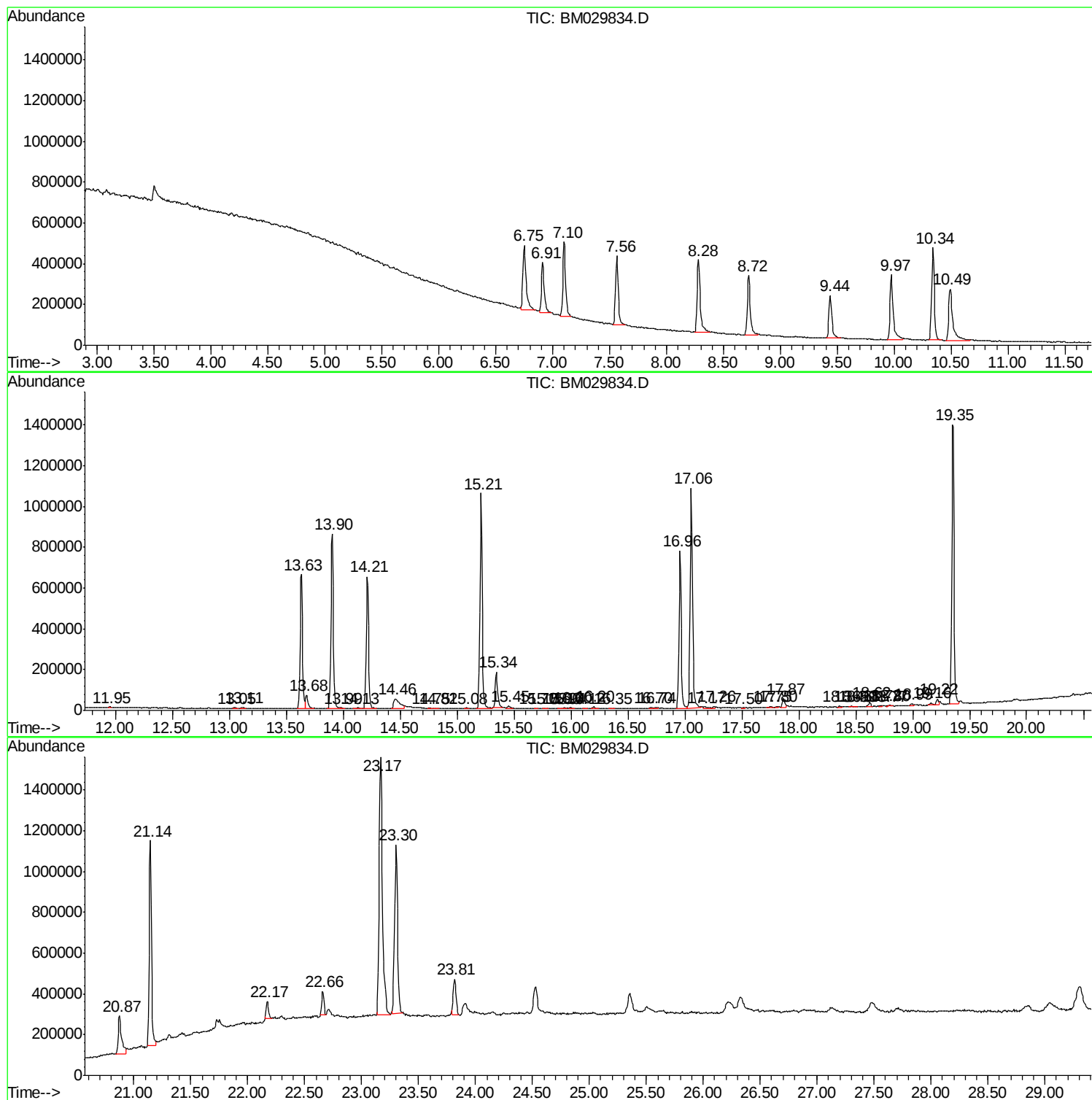
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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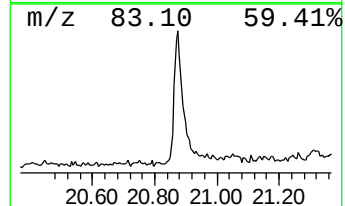
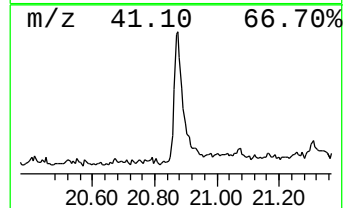
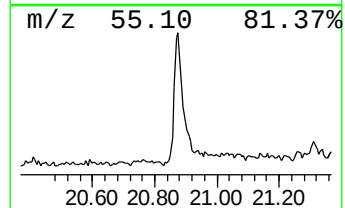
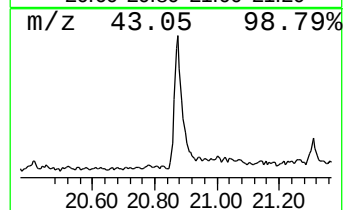
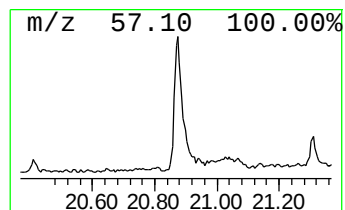
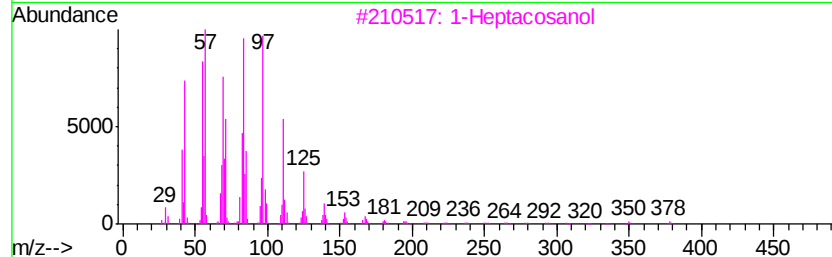
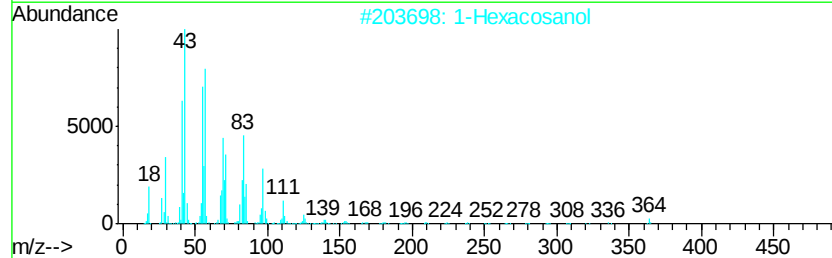
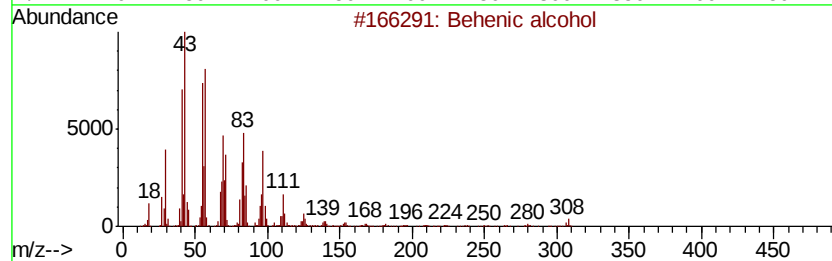
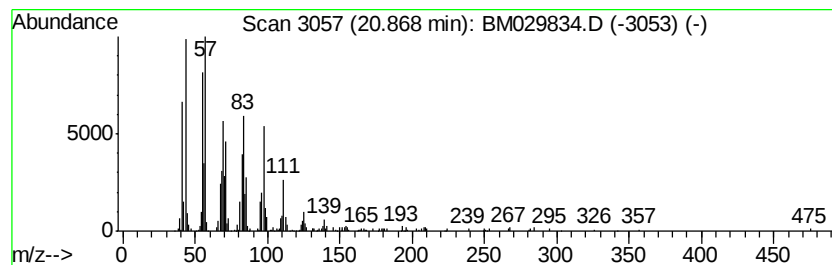
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.70 ng/ul	385844	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 91
2		1-Hexacosanol	382 C26H54O	000506-52-5 91
3		1-Heptacosanol	396 C27H56O	002004-39-9 91
4		Octadecane, 1-(ethenvloxy)-	296 C20H40O	000930-02-9 91
5		n-Tetracosanol-1	354 C24H50O	000506-51-4 90



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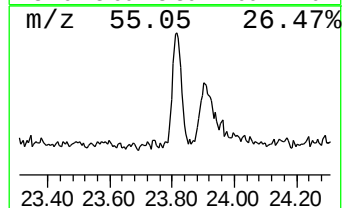
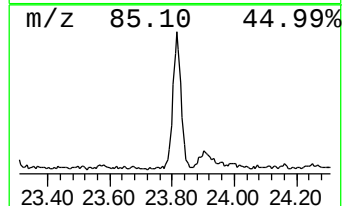
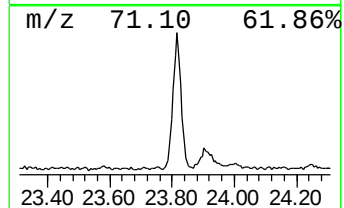
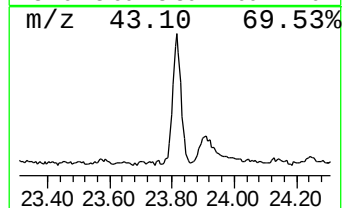
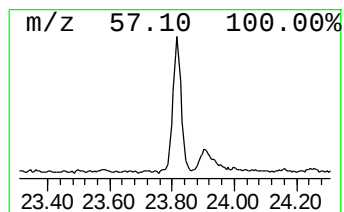
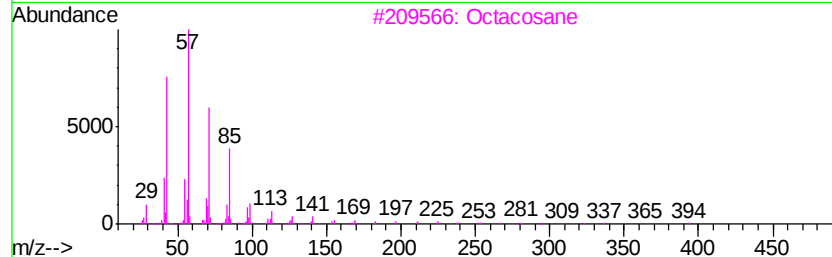
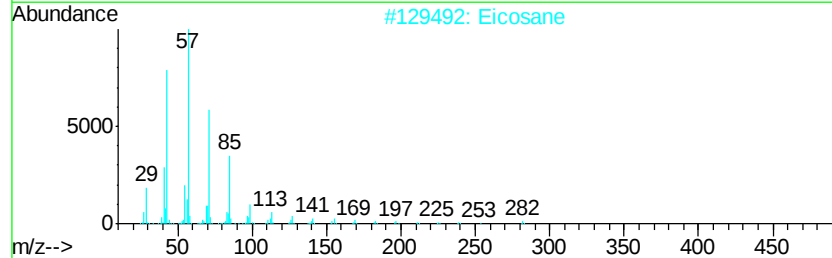
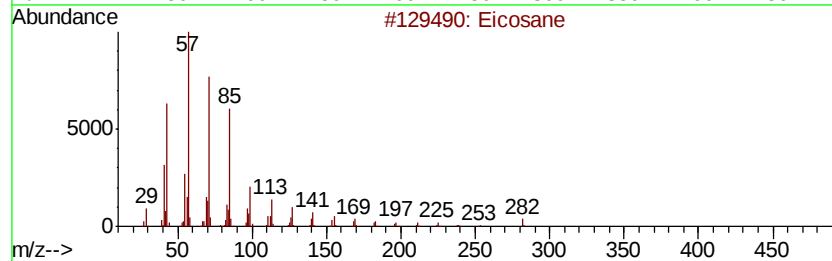
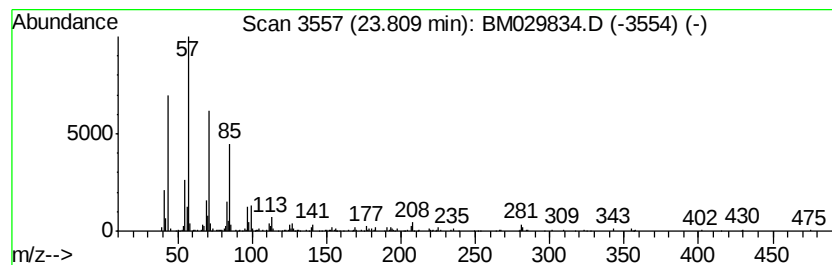
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	4.01 ng/ul	306347	Perylene-d12	23.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	95
2	Eicosane			282	C20H42	000112-95-8	93
3	Octacosane			394	C28H58	000630-02-4	90
4	Hexacosane			366	C26H54	000630-01-3	90
5	Tetratetracontane			619	C44H90	007098-22-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Behenic alcohol	20.87	5.7	ng/ul	385844	5	21.14	1354080	20.0
(DEL) Alkane: Str...	23.81	4.0	ng/ul	306347	6	23.30	1529490	20.0