

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028193.D
 Acq On : 19 Dec 2020 12:45
 Operator : JU/CG
 Sample : L5071-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54J7

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-BM121520MA.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	3.416	35	39	47	rBV	37430	51728	1.83%	0.160%
2	3.734	90	93	100	rBV	12621	18916	0.67%	0.059%
3	4.228	174	177	183	rVB2	6218	8412	0.30%	0.026%
4	5.310	359	361	366	rVB6	2145	3123	0.11%	0.010%
5	6.240	513	519	526	rBV2	4953	8238	0.29%	0.026%
6	7.157	669	675	679	rBV3	4067	7500	0.26%	0.023%
7	7.340	699	706	720	rVB	615828	1032035	36.43%	3.199%
8	7.516	729	736	747	rBV	490636	771855	27.25%	2.392%
9	7.728	765	772	779	rBV	668450	1063830	37.56%	3.297%
10	7.793	779	783	792	rVB	30522	49236	1.74%	0.153%
11	8.204	846	853	860	rBV	455366	725612	25.62%	2.249%
12	8.257	860	862	869	rVB3	5771	7983	0.28%	0.025%
13	8.910	964	973	984	rBV	685046	1115484	39.38%	3.457%
14	9.381	1045	1053	1061	rBV	572526	931100	32.87%	2.886%
15	9.463	1064	1067	1073	rVB4	3049	4115	0.15%	0.013%
16	9.534	1073	1079	1083	rBV5	2642	3218	0.11%	0.010%
17	9.775	1114	1120	1123	rBV2	6369	9085	0.32%	0.028%
18	10.104	1169	1176	1184	rBV	460917	769386	27.16%	2.385%
19	10.304	1206	1210	1215	rVB5	1707	2868	0.10%	0.009%
20	10.645	1259	1268	1281	rBV	734875	1204467	42.52%	3.733%
21	11.034	1327	1334	1342	rBV	602257	988337	34.89%	3.063%
22	11.163	1348	1356	1371	rBV	679689	1149539	40.58%	3.563%
23	12.416	1565	1569	1574	rBV5	1768	3319	0.12%	0.010%
24	12.492	1576	1582	1588	rVV6	2950	4966	0.18%	0.015%
25	12.604	1594	1601	1609	rBV2	12153	19052	0.67%	0.059%
26	13.433	1736	1742	1746	rBV4	3060	4190	0.15%	0.013%
27	13.645	1774	1778	1781	rVB3	2131	3050	0.11%	0.009%
28	13.710	1784	1789	1794	rVB	9914	15109	0.53%	0.047%
29	14.227	1871	1877	1882	rBV	1108816	1513603	53.44%	4.691%
30	14.274	1882	1885	1892	rVB	271444	336401	11.88%	1.043%
31	14.457	1911	1916	1921	rBV4	9938	15833	0.56%	0.049%
32	14.527	1921	1928	1938	rVV	1380086	1985662	70.10%	6.155%
33	14.704	1954	1958	1964	rVB6	3564	5810	0.21%	0.018%
34	14.833	1973	1980	1987	rVB	807593	1187468	41.92%	3.681%

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35	14.998	2001	2008	2022	rBV	514586	734334	25.92%	2.276%
36	15.204	2037	2043	2045	rBV5	2799	4242	0.15%	0.013%
37	15.598	2107	2110	2114	rBV2	2427	3449	0.12%	0.011%
38	15.645	2116	2118	2123	rVB4	3131	3103	0.11%	0.010%
39	15.816	2140	2147	2154	rBV	1577219	2286610	80.73%	7.087%
40	15.921	2159	2165	2176	rVV	484954	667387	23.56%	2.069%
41	16.051	2180	2187	2192	rBV	19106	26654	0.94%	0.083%
42	16.374	2240	2242	2249	rVB5	1552	2834	0.10%	0.009%
43	16.486	2257	2261	2266	rBV7	1846	3854	0.14%	0.012%
44	16.586	2275	2278	2282	rBV3	6987	8626	0.30%	0.027%
45	17.086	2358	2363	2366	rBV7	2098	3442	0.12%	0.011%
46	17.227	2382	2387	2392	rBV7	3244	6824	0.24%	0.021%
47	17.286	2394	2397	2399	rVV4	3853	4462	0.16%	0.014%
48	17.333	2403	2405	2411	rVB3	3416	5479	0.19%	0.017%
49	17.551	2435	2442	2452	rBV	914608	1303540	46.02%	4.040%
50	17.651	2452	2459	2472	rVV	1716677	2445203	86.32%	7.579%
51	18.404	2582	2587	2598	rBV2	133833	199992	7.06%	0.620%
52	18.480	2598	2600	2605	rVB6	5670	9493	0.34%	0.029%
53	19.545	2778	2781	2786	rVB2	21962	29377	1.04%	0.091%
54	19.656	2797	2800	2807	rBV3	32897	50732	1.79%	0.157%
55	19.798	2821	2824	2828	rVB	20457	26537	0.94%	0.082%
56	19.909	2837	2843	2849	rBV	2026106	2783592	98.27%	8.628%
57	20.380	2920	2923	2931	rBV8	19782	43156	1.52%	0.134%
58	21.350	3083	3088	3099	rBV	555579	885763	31.27%	2.745%
59	21.662	3136	3141	3146	rBV	1085401	1405933	49.63%	4.358%
60	23.880	3511	3518	3525	rVB	1408977	2832571	100.00%	8.780%
61	24.027	3537	3543	3553	rVB	759308	1465707	51.74%	4.543%

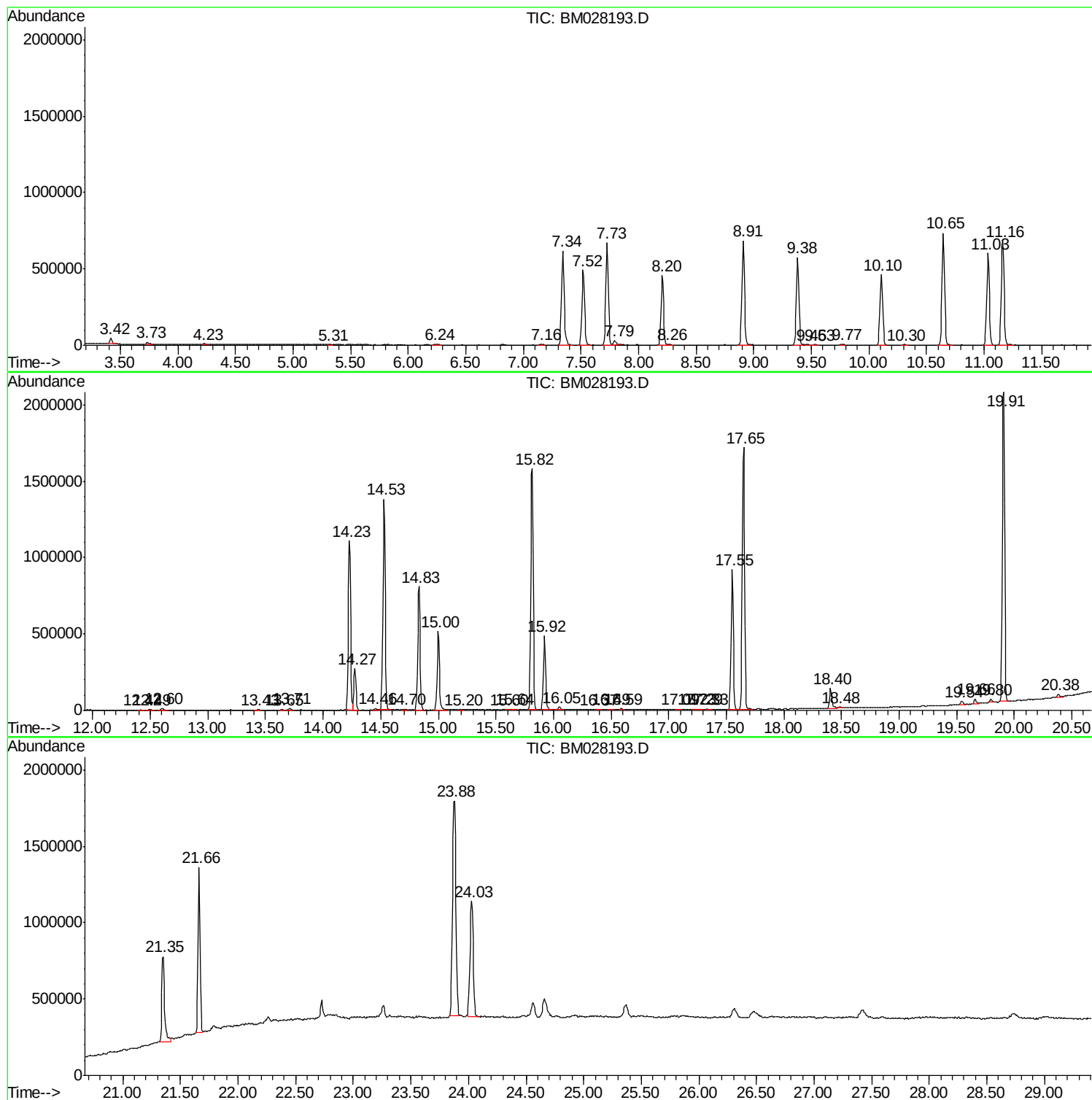
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Quant Title : SVOA CALIBRATION

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



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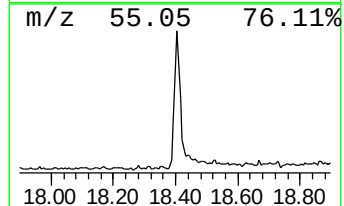
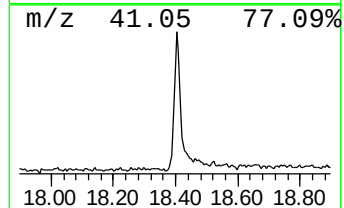
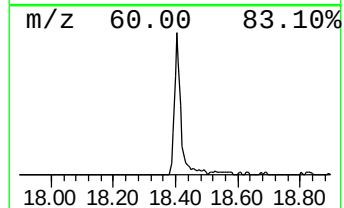
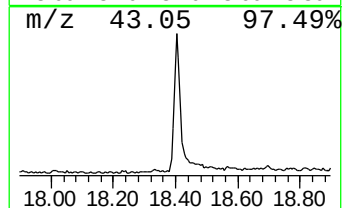
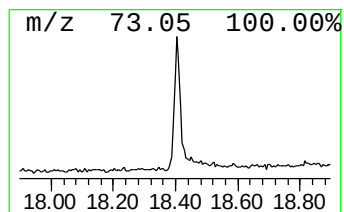
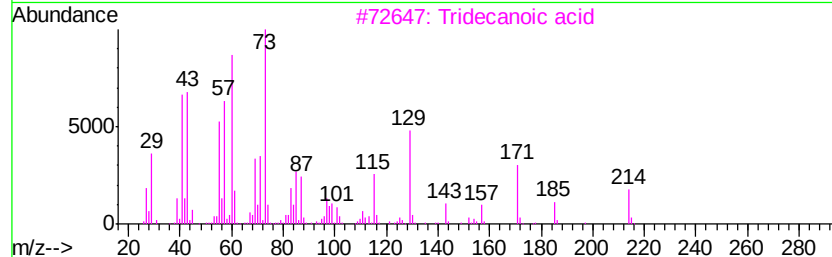
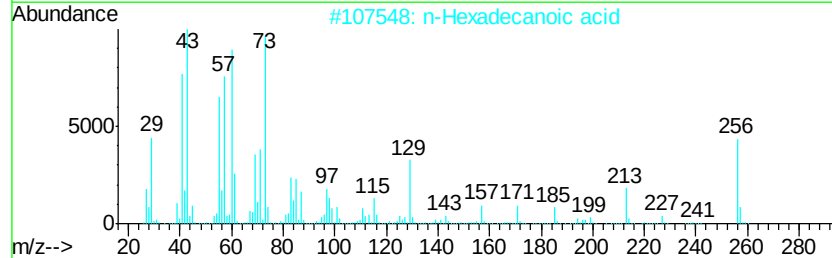
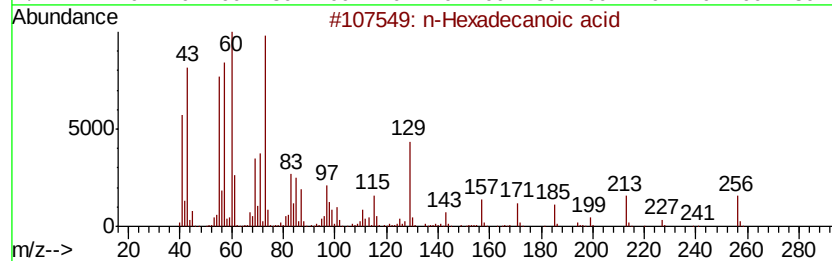
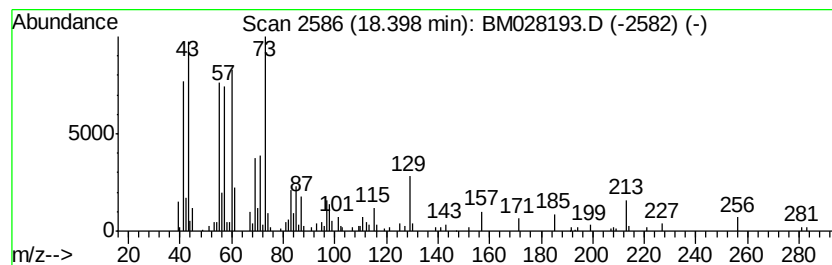
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.07 ng/ul	199992	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	97
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



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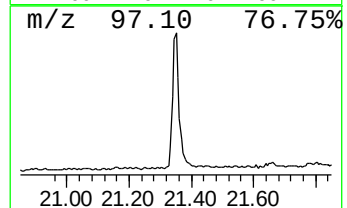
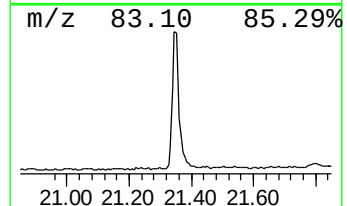
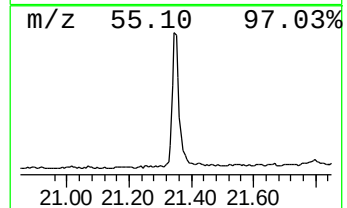
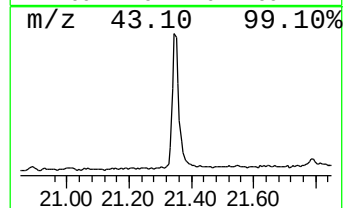
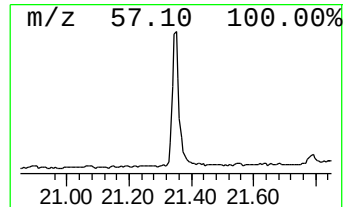
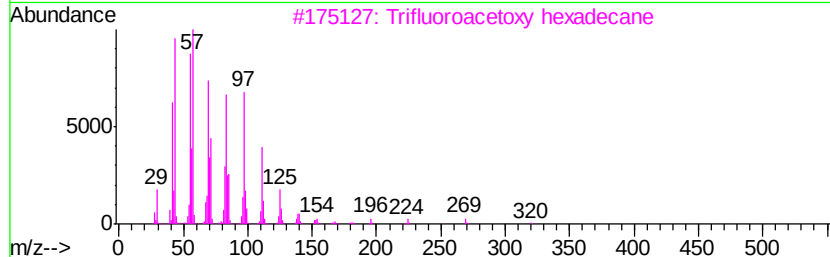
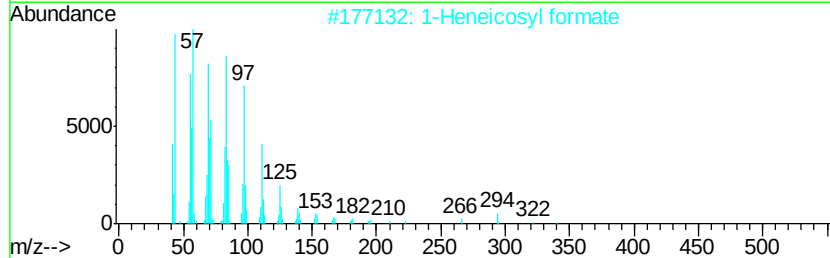
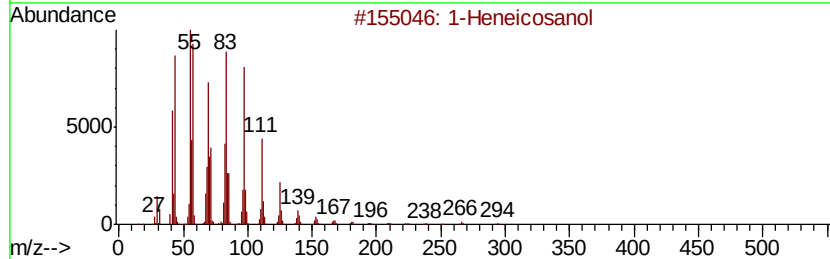
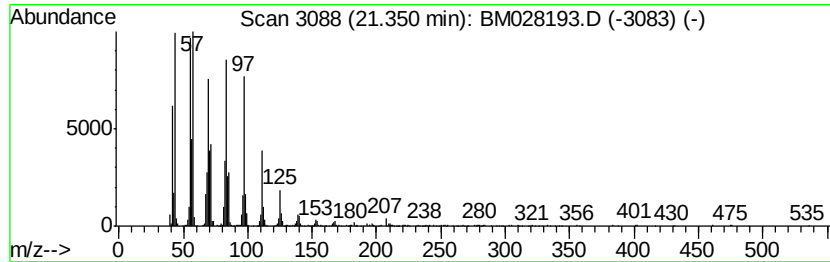
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	12.60 ng/ul	885763	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4		Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	3.1	ng/ul	199992	4	17.55	1303540	20.0
1-Heneicosanol	21.35	12.6	ng/ul	885763	5	21.66	1405930	20.0