

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028200.D
 Acq On : 19 Dec 2020 16:57
 Operator : JU/CG
 Sample : L5071-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54J9

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	50	rVB	37543	55663	1.94%	0.161%
2	3.728	90	92	108	rVB	15844	30213	1.05%	0.088%
3	4.228	172	177	183	rVB2	6047	9043	0.31%	0.026%
4	5.310	356	361	366	rVB7	2371	3842	0.13%	0.011%
5	6.240	515	519	527	rVB4	3726	7000	0.24%	0.020%
6	7.157	670	675	682	rBV5	3819	6955	0.24%	0.020%
7	7.340	699	706	716	rBV	678631	1114025	38.76%	3.231%
8	7.516	729	736	750	rVB	521335	819562	28.52%	2.377%
9	7.728	764	772	779	rBV	693359	1134335	39.47%	3.290%
10	7.787	779	782	793	rVB	27666	45744	1.59%	0.133%
11	8.204	845	853	859	rBV	520717	810712	28.21%	2.352%
12	8.257	859	862	866	rVB2	4510	6615	0.23%	0.019%
13	8.910	963	973	985	rBV	757956	1245371	43.33%	3.612%
14	9.381	1045	1053	1061	rBV	607563	999685	34.78%	2.900%
15	9.457	1064	1066	1071	rVB4	2381	3264	0.11%	0.009%
16	9.769	1113	1119	1122	rBV2	5867	7673	0.27%	0.022%
17	10.104	1169	1176	1183	rBV	519830	830019	28.88%	2.408%
18	10.645	1260	1268	1277	rBV	754378	1289569	44.87%	3.741%
19	11.033	1326	1334	1342	rBV	679407	1124161	39.11%	3.261%
20	11.157	1348	1355	1367	rBV	726524	1239919	43.14%	3.597%
21	12.604	1596	1601	1606	rBV	12337	18191	0.63%	0.053%
22	13.433	1738	1742	1747	rVB5	2130	3250	0.11%	0.009%
23	13.639	1772	1777	1781	rBV6	2925	4301	0.15%	0.012%
24	13.710	1784	1789	1796	rVB2	11635	17656	0.61%	0.051%
25	14.227	1871	1877	1881	rBV	1247014	1646711	57.30%	4.777%
26	14.274	1881	1885	1892	rVB	274476	362278	12.61%	1.051%
27	14.451	1910	1915	1921	rBV2	10147	17128	0.60%	0.050%
28	14.527	1921	1928	1941	rVB	1526688	2145157	74.64%	6.223%
29	14.704	1953	1958	1963	rVB2	4779	6092	0.21%	0.018%
30	14.827	1973	1979	1988	rVB	923451	1371336	47.71%	3.978%
31	14.998	2001	2008	2019	rBV	569202	819565	28.52%	2.377%
32	15.604	2107	2111	2115	rBV6	2687	4299	0.15%	0.012%
33	15.645	2115	2118	2123	rVB4	2256	3150	0.11%	0.009%
34	15.810	2139	2146	2154	rBV	1770250	2474248	86.09%	7.177%

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35	15.921	2159	2165	2174	rBV	525173	732803	25.50%	2.126%
36	16.045	2182	2186	2192	rVB	20779	27900	0.97%	0.081%
37	16.586	2274	2278	2282	rVB3	6988	8733	0.30%	0.025%
38	17.227	2384	2387	2391	rVB5	3085	3380	0.12%	0.010%
39	17.286	2394	2397	2401	rVV4	3891	5546	0.19%	0.016%
40	17.333	2403	2405	2413	rVB3	5380	8979	0.31%	0.026%
41	17.551	2435	2442	2448	rBV	1099487	1491784	51.91%	4.327%
42	17.645	2451	2458	2470	rBV	1810744	2585054	89.94%	7.499%
43	17.780	2478	2481	2487	rBV7	3096	6590	0.23%	0.019%
44	18.404	2581	2587	2597	rBV	177391	259839	9.04%	0.754%
45	19.051	2695	2697	2701	rBV4	3340	4931	0.17%	0.014%
46	19.545	2777	2781	2786	rBV	20796	28859	1.00%	0.084%
47	19.656	2796	2800	2805	rBV3	43543	61975	2.16%	0.180%
48	19.798	2820	2824	2828	rBV	19838	27412	0.95%	0.080%
49	19.903	2836	2842	2851	rBV	2119530	2874044	100.00%	8.337%
50	21.350	3083	3088	3096	rBV	556469	843920	29.36%	2.448%
51	21.662	3136	3141	3148	rBV2	1156398	1500996	52.23%	4.354%
52	23.880	3511	3518	3528	rVB	1464954	2784025	96.87%	8.076%
53	24.027	3537	3543	3553	rVB	787271	1540516	53.60%	4.469%

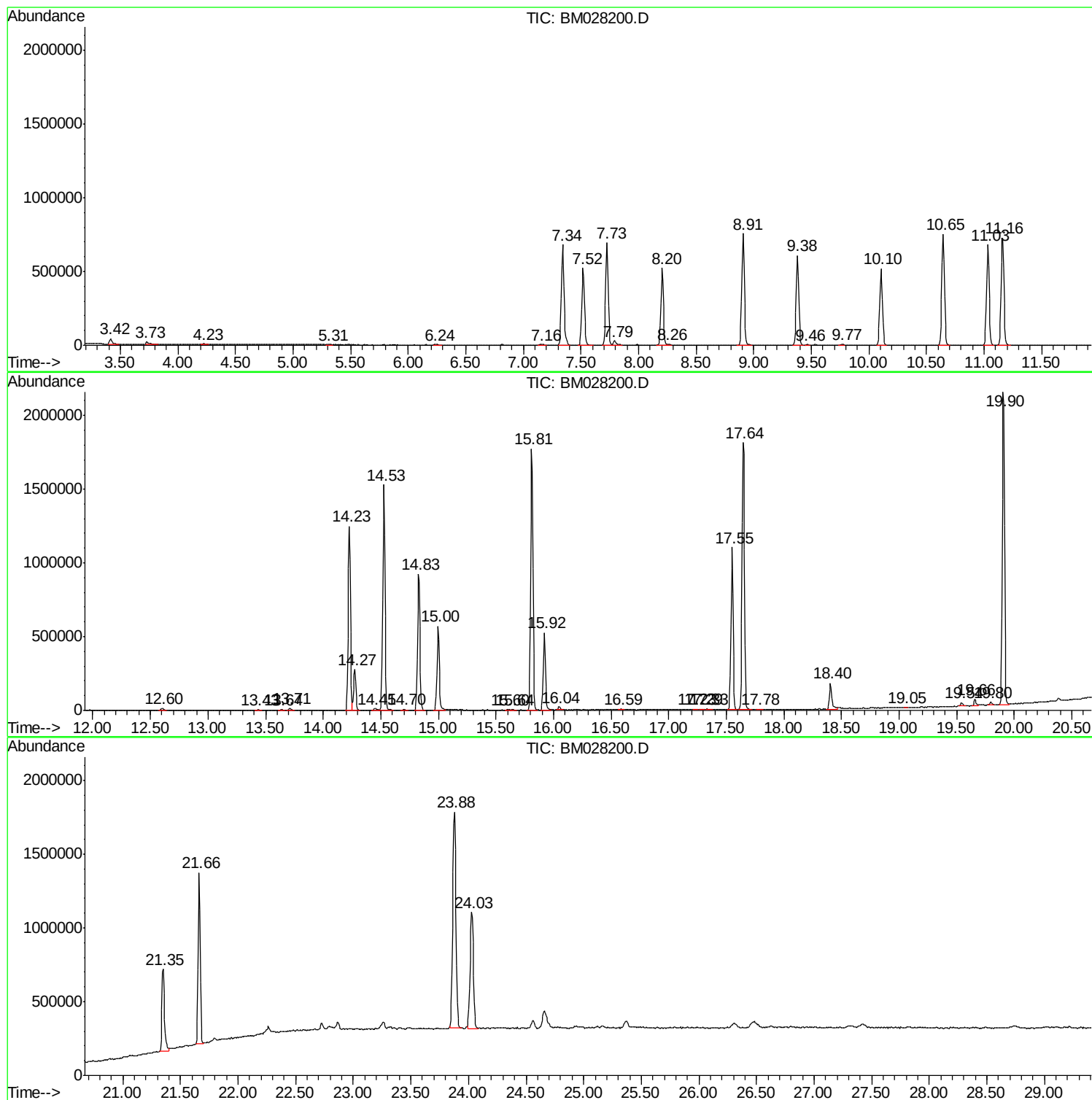
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



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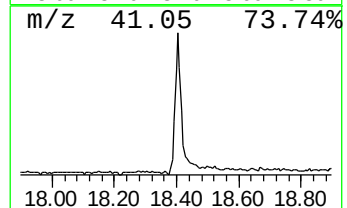
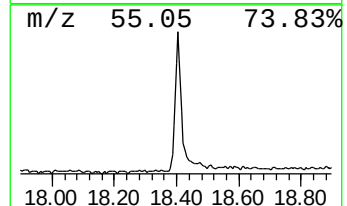
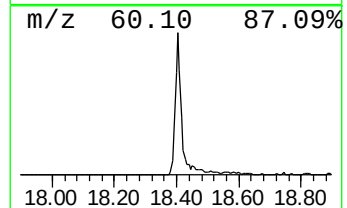
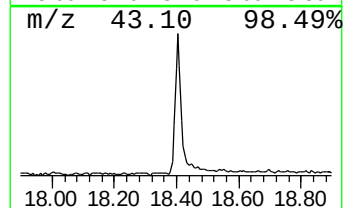
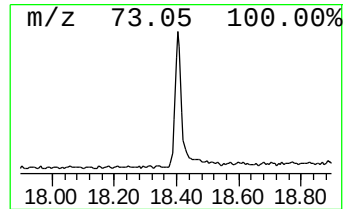
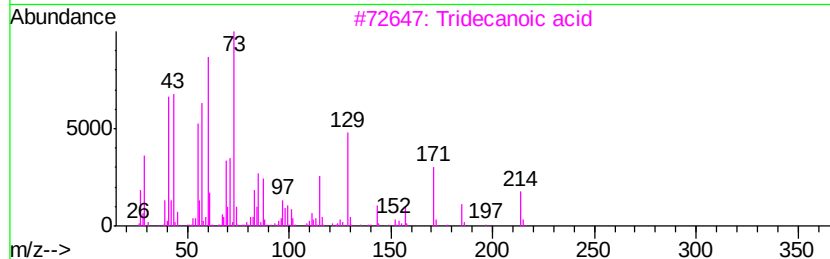
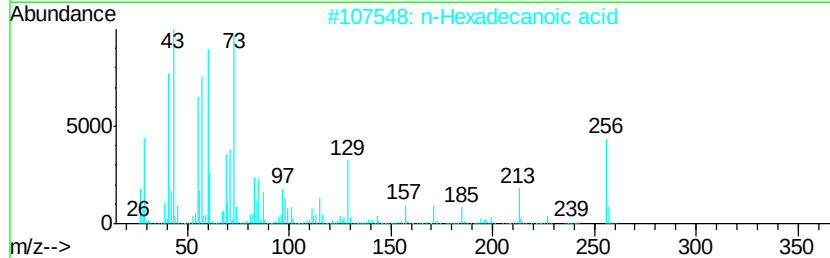
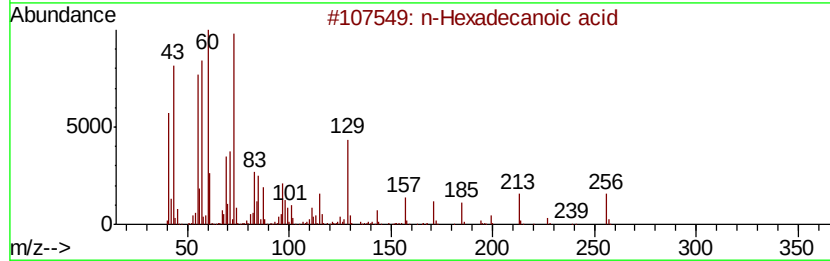
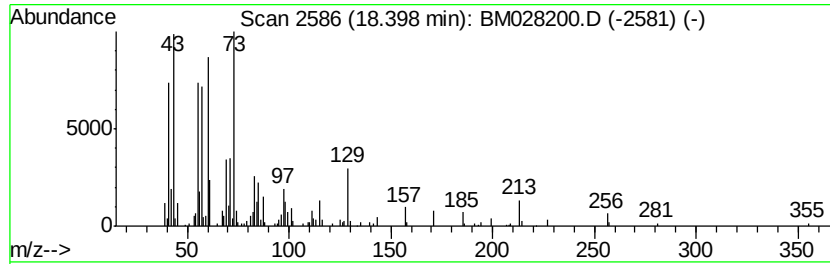
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.48 ng/ul	259839	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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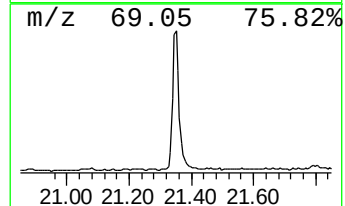
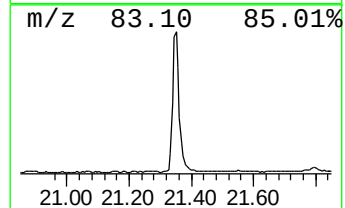
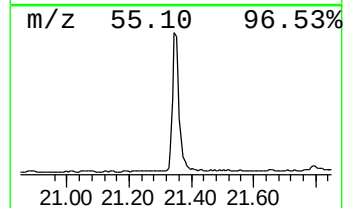
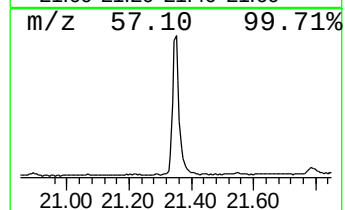
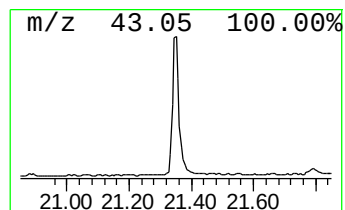
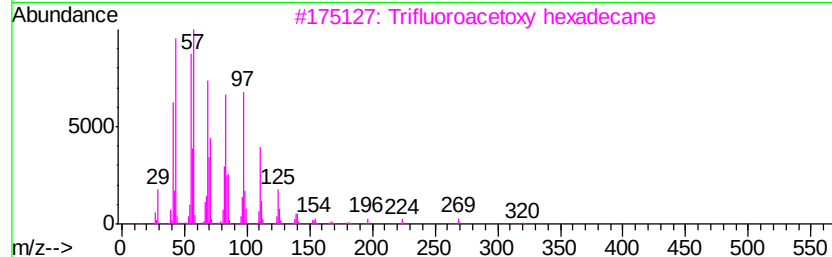
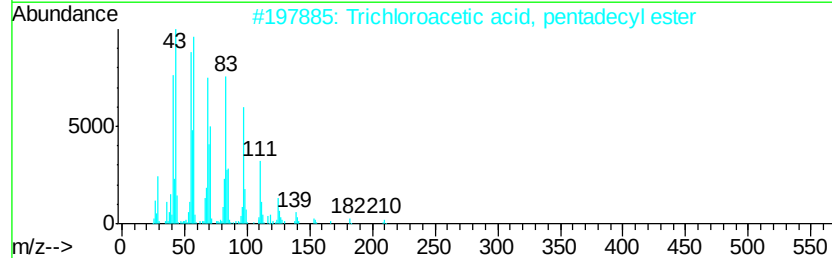
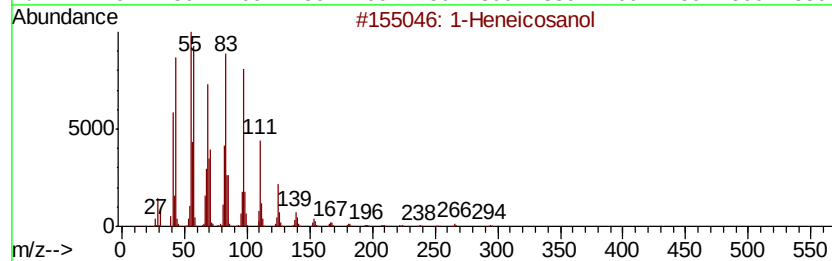
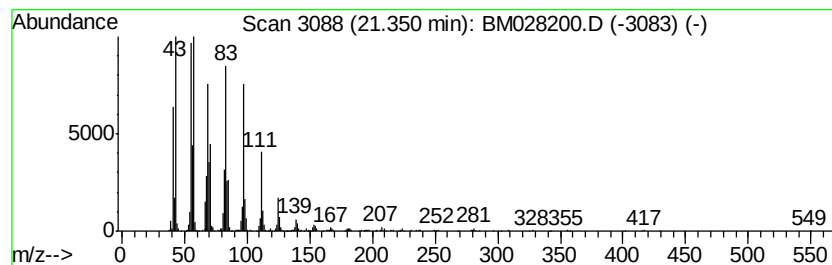
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	11.24 ng/ul	843920	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	3.5	ng/ul	259839	4	17.55	1491780	20.0
1-Heneicosanol	21.35	11.2	ng/ul	843920	5	21.66	1501000	20.0