

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029850.D
 Acq On : 06 May 2021 05:55
 Operator : CG/JU
 Sample : M2161-06
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AQ4

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	6.910	680	684	694	rVB	338606	577066	12.07%	1.826%
2	7.098	712	716	731	rVB	363506	650188	13.60%	2.058%
3	7.563	790	795	803	rVB	395006	658265	13.77%	2.083%
4	8.281	912	917	932	rVB	216253	415339	8.69%	1.314%
5	8.716	986	991	999	rBV	456106	769793	16.10%	2.436%
6	9.434	1108	1113	1128	rVB	278160	498553	10.43%	1.578%
7	9.969	1199	1204	1229	rVB	339152	742188	15.53%	2.349%
8	10.339	1260	1267	1278	rVB	540875	908006	19.00%	2.874%
9	12.827	1684	1690	1693	rBV6	2599	5054	0.11%	0.016%
10	13.039	1724	1726	1731	rVB2	3989	5543	0.12%	0.018%
11	13.627	1820	1826	1831	rBV	1094423	1410766	29.51%	4.465%
12	13.674	1831	1834	1845	rVB	64884	109321	2.29%	0.346%
13	13.898	1866	1872	1894	rVB	1526980	2064880	43.20%	6.535%
14	14.210	1918	1925	1937	rBV	995953	1360792	28.47%	4.307%
15	14.463	1963	1968	1969	rBV5	9703	12857	0.27%	0.041%
16	15.204	2088	2094	2106	rBV	1878699	2634618	55.12%	8.338%
17	15.339	2112	2117	2131	rBV	319604	519152	10.86%	1.643%
18	15.451	2132	2136	2143	rVB4	14542	25569	0.53%	0.081%
19	15.992	2224	2228	2234	rVB8	5762	9852	0.21%	0.031%
20	16.115	2241	2249	2253	rBV7	2567	6432	0.13%	0.020%
21	16.198	2258	2263	2266	rBV3	8172	12236	0.26%	0.039%
22	16.739	2352	2355	2360	rBV4	4623	7618	0.16%	0.024%
23	16.957	2384	2392	2402	rBV	1101126	1453953	30.42%	4.601%
24	17.057	2402	2409	2424	rVV	2158072	3110909	65.08%	9.845%
25	17.862	2542	2546	2556	rBV2	104368	199072	4.16%	0.630%
26	18.804	2702	2706	2709	rBV6	5186	8731	0.18%	0.028%
27	18.992	2733	2738	2742	rBV3	12986	19960	0.42%	0.063%
28	19.151	2760	2765	2776	rBV3	76990	156977	3.28%	0.497%
29	19.239	2776	2780	2784	rVB	14181	23778	0.50%	0.075%
30	19.351	2793	2799	2814	rBV	3025672	4004720	83.78%	12.674%
31	20.874	3053	3058	3069	rBV3	117096	268981	5.63%	0.851%
32	21.139	3098	3103	3114	rBV	1500348	1961683	41.04%	6.208%
33	23.168	3441	3448	3462	rBV	2510392	4780082	100.00%	15.128%
34	23.297	3464	3470	3481	rVB	1183868	2205172	46.13%	6.979%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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
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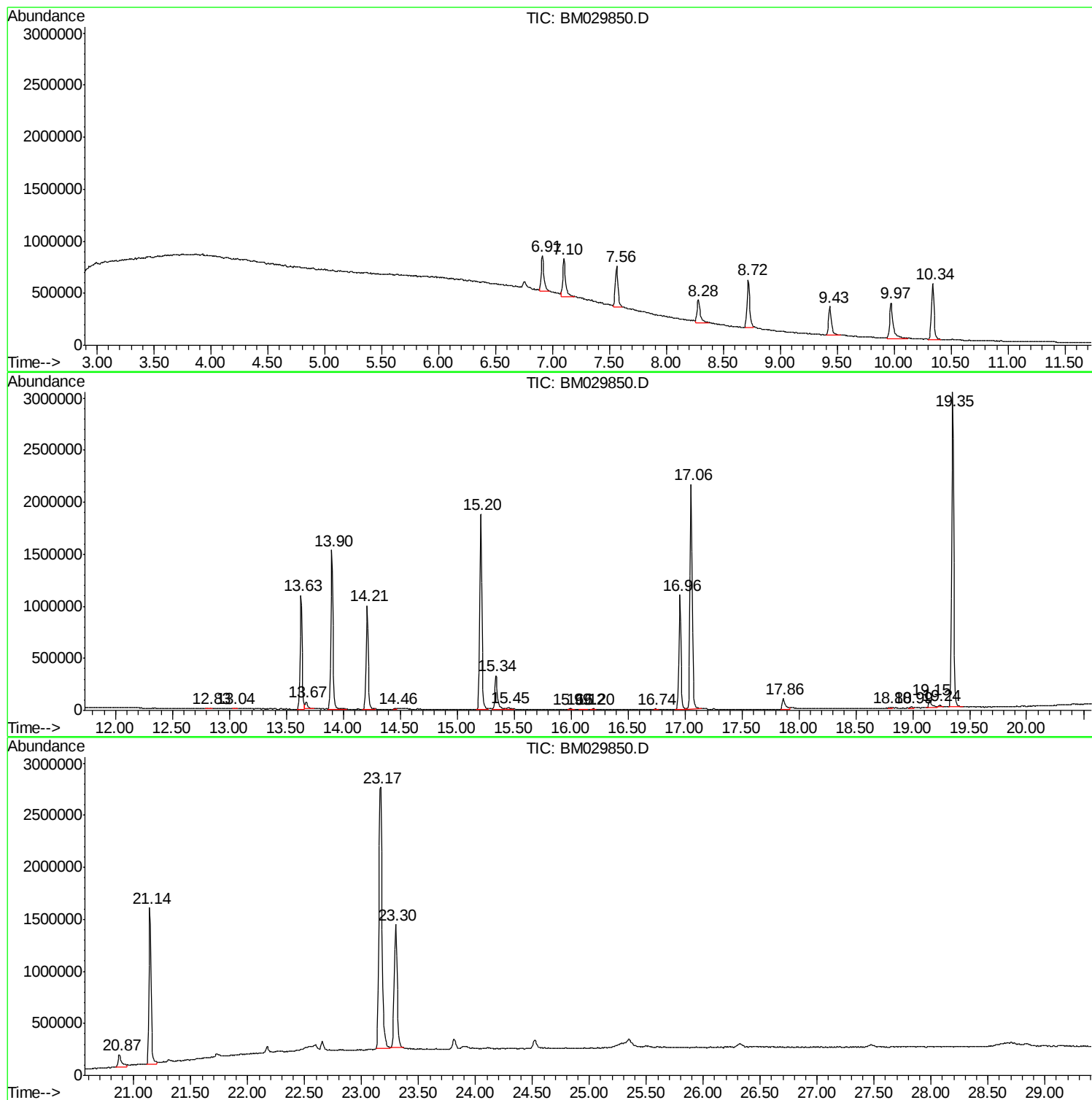
Sum of corrected areas: 31598106

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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



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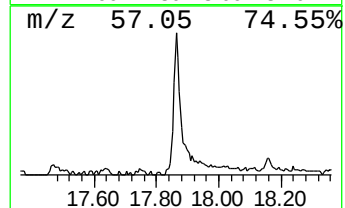
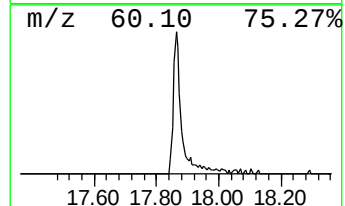
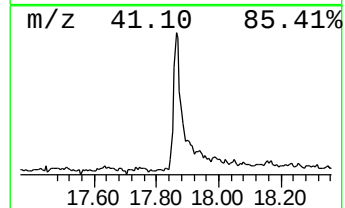
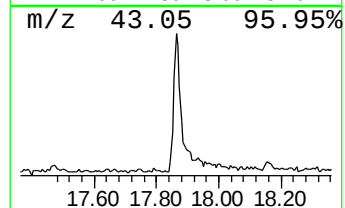
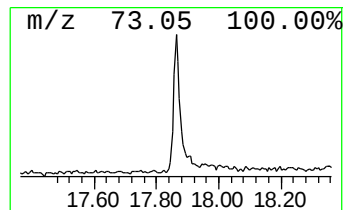
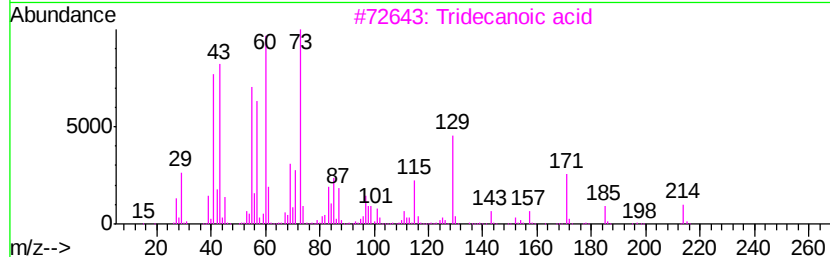
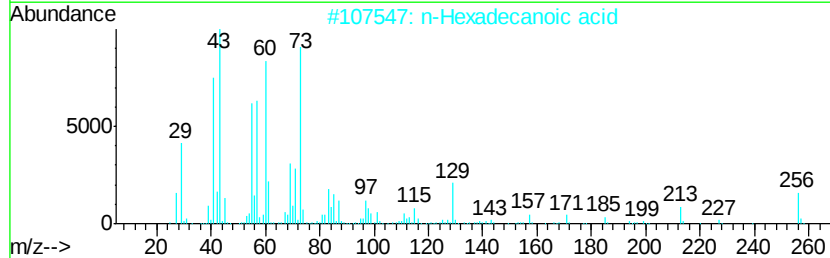
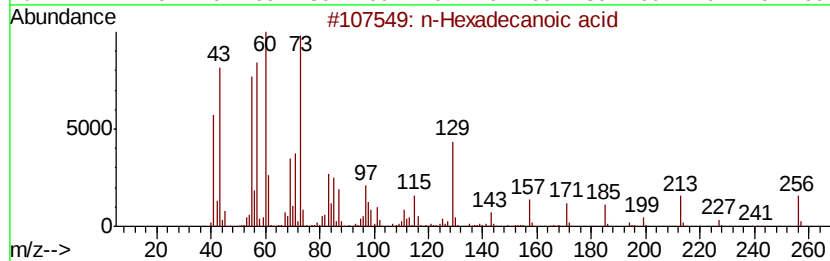
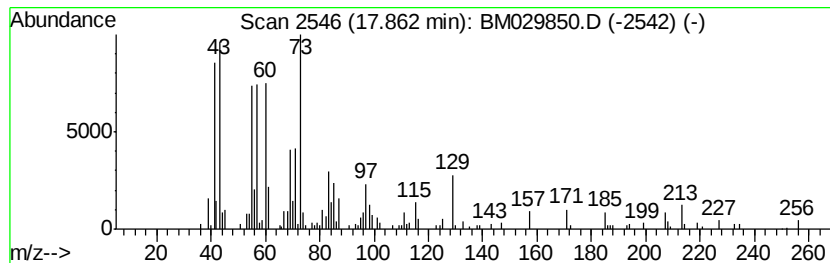
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.74 ng/ul	199072	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3		Tridecanoic acid	214	C13H26O2	000638-53-9	47
4		Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	18
5		Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	18



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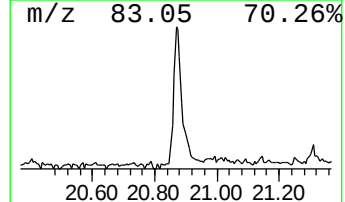
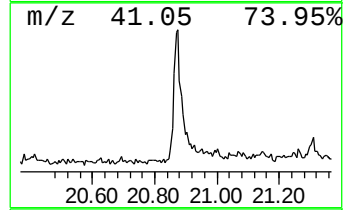
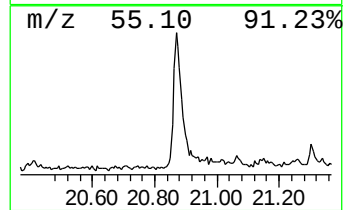
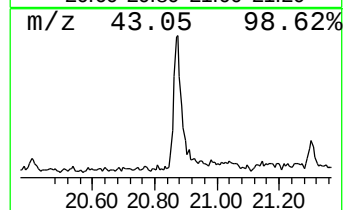
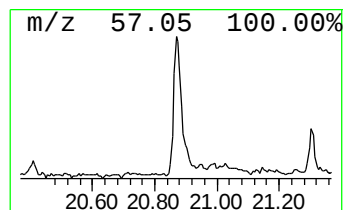
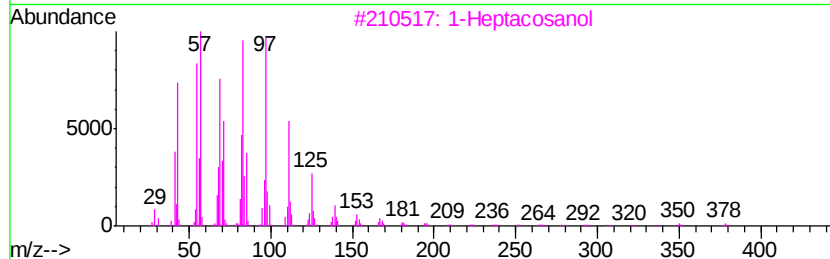
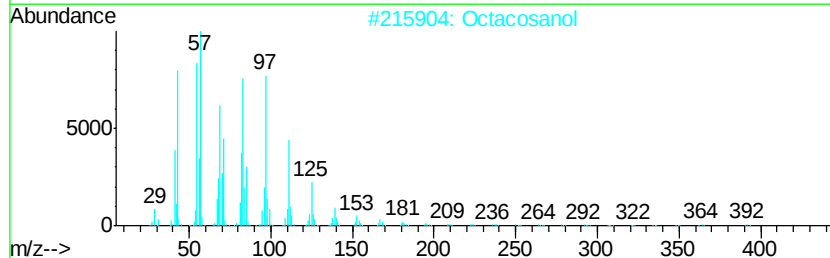
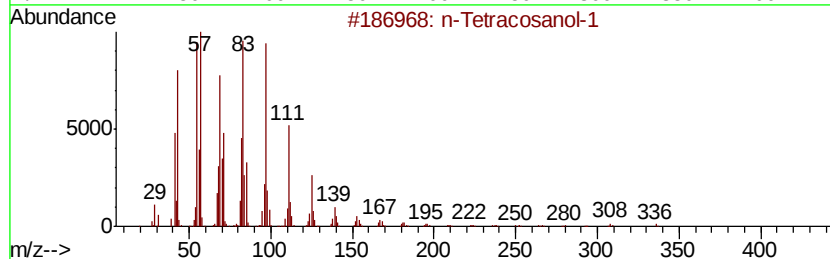
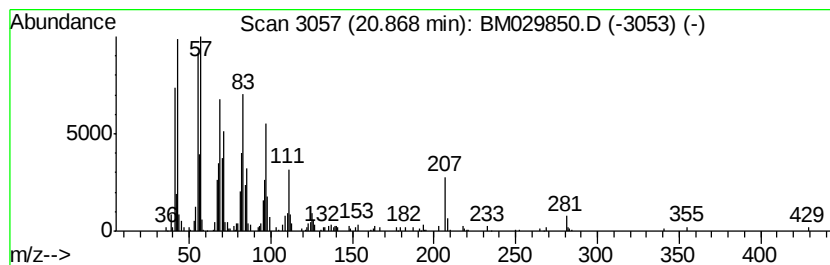
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 Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.74 ng/ul	268981	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
2		Octacosanol	410	C28H58O	000557-61-9	87
3		1-Heptacosanol	396	C27H56O	002004-39-9	87
4		Octadecane, 1-(ethenvloxy)-	296	C20H40O	000930-02-9	81
5		Behenic alcohol	326	C22H46O	000661-19-8	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.86	2.7	ng/ul	199072	4	16.96	1453950	20.0
n-Tetracosanol-1	20.87	2.7	ng/ul	268981	5	21.14	1961680	20.0