

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013458.D
 Acq On : 16 Dec 2017 02:53
 Operator : SJ/JU
 Sample : I6779-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A97

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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	6.851	633	640	654	rVB	1077672	1888072	21.45%	2.375%
2	7.016	660	668	676	rBV	830081	1238504	14.07%	1.558%
3	7.210	695	701	711	rBV	1089705	1711478	19.45%	2.153%
4	7.675	771	780	787	rBV	861958	1386750	15.76%	1.745%
5	8.381	893	900	910	rBV	1434349	2318109	26.34%	2.916%
6	8.828	968	976	987	rBV	1169438	1875783	21.31%	2.360%
7	9.545	1091	1098	1107	rBV	981352	1650887	18.76%	2.077%
8	10.080	1180	1189	1199	rBV	1473717	2511960	28.54%	3.160%
9	10.451	1244	1252	1260	rBV	1289642	2091468	23.76%	2.631%
10	10.592	1269	1276	1286	rBV	1258787	2252794	25.60%	2.834%
11	13.733	1801	1810	1814	rBV	3116709	4190788	47.62%	5.272%
12	13.780	1814	1818	1826	rVB	717411	969096	11.01%	1.219%
13	14.010	1849	1857	1867	rVB	3284394	4817820	54.74%	6.061%
14	14.221	1888	1893	1899	rVB2	90403	116135	1.32%	0.146%
15	14.315	1901	1909	1915	rVV2	1898523	2956936	33.60%	3.720%
16	14.380	1915	1920	1926	rVB2	202259	302261	3.43%	0.380%
17	14.533	1939	1946	1960	rBV	1315149	2034426	23.12%	2.560%
18	15.174	2051	2055	2062	rVB	156781	202532	2.30%	0.255%
19	15.315	2069	2079	2084	rBV	4071305	5842147	66.38%	7.350%
20	15.368	2084	2088	2093	rVB2	247521	344438	3.91%	0.433%
21	15.445	2095	2101	2107	rBV	1144637	1609278	18.29%	2.025%
22	15.557	2112	2120	2122	rBV4	50091	122797	1.40%	0.154%
23	15.668	2134	2139	2147	rVB3	67782	123931	1.41%	0.156%
24	15.809	2156	2163	2171	rVB3	79665	177547	2.02%	0.223%
25	16.039	2196	2202	2210	rBV4	163238	269635	3.06%	0.339%
26	16.374	2249	2259	2264	rBV4	57962	124700	1.42%	0.157%
27	16.833	2334	2337	2342	rVV3	62071	100492	1.14%	0.126%
28	16.886	2342	2346	2359	rVB2	62873	107080	1.22%	0.135%
29	17.068	2370	2377	2383	rBV2	2587433	3685066	41.87%	4.636%
30	17.168	2387	2394	2405	rVB	4528145	6576549	74.73%	8.274%
31	17.968	2523	2530	2541	rBV2	345120	553886	6.29%	0.697%
32	18.139	2554	2559	2563	rBV	228680	329849	3.75%	0.415%
33	19.127	2715	2727	2733	rBV	1134306	1618239	18.39%	2.036%
34	19.256	2742	2749	2758	rBV6	151046	269596	3.06%	0.339%

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35	19.350	2761	2765	2772	rVB3	51460	110096	1.25%	0.139%
36	19.462	2778	2784	2799	rBV2	5447234	8800660	100.00%	11.072%
37	19.992	2870	2874	2878	rVB	112060	148199	1.68%	0.186%
38	20.092	2886	2891	2895	rBV	107778	147881	1.68%	0.186%
39	20.974	3037	3041	3047	rBV2	394559	499595	5.68%	0.629%
40	21.256	3082	3089	3094	rBV	3190456	4119645	46.81%	5.183%
41	21.291	3094	3095	3103	rVB	142413	140771	1.60%	0.177%
42	21.868	3187	3193	3201	rVB10	86241	191590	2.18%	0.241%
43	22.809	3349	3353	3359	rBV4	144752	246707	2.80%	0.310%
44	23.338	3436	3443	3457	rVB2	3027113	5858046	66.56%	7.370%
45	23.480	3460	3467	3475	rVB	1549987	2850822	32.39%	3.587%

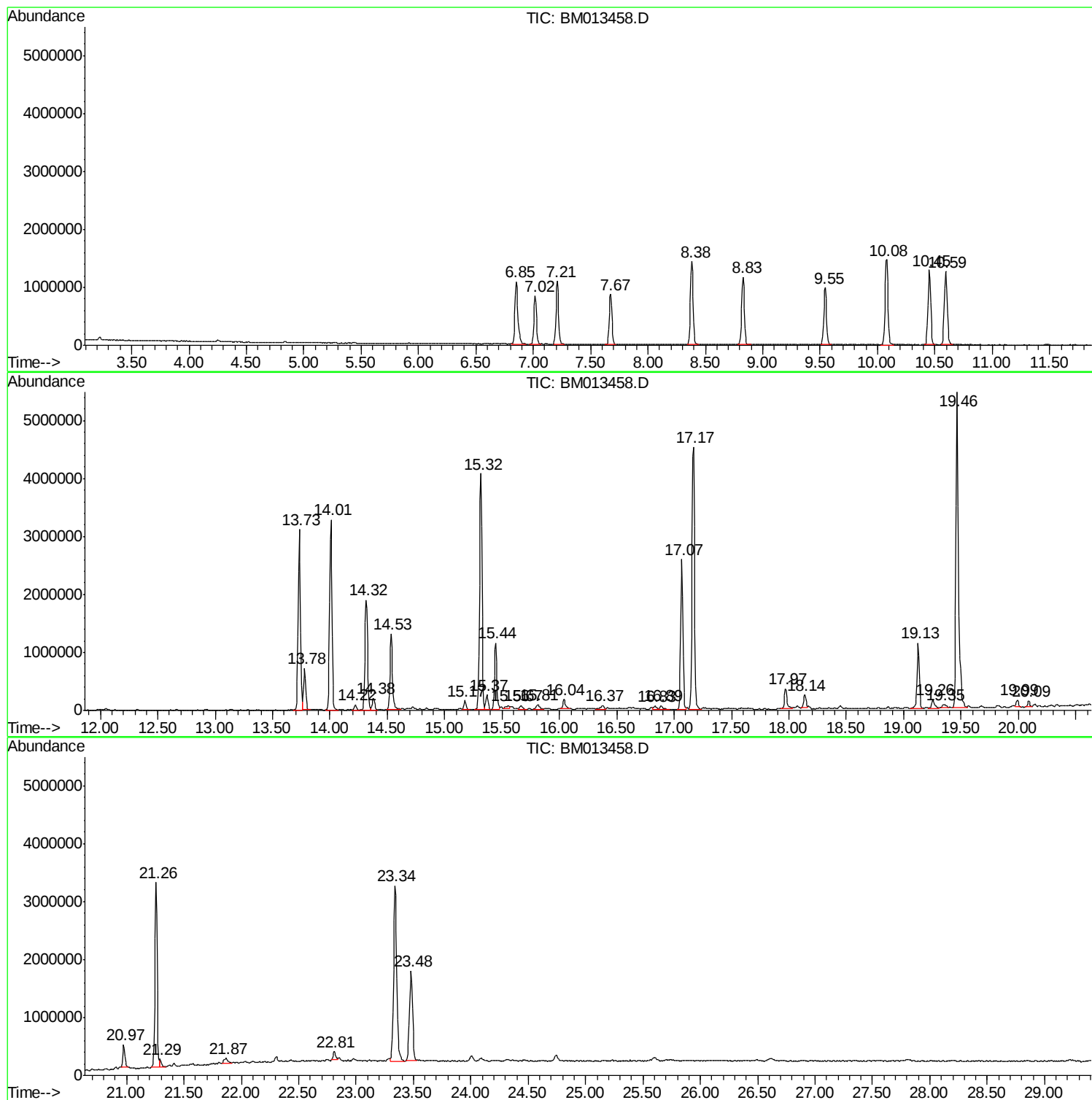
Sum of corrected areas: 79485041

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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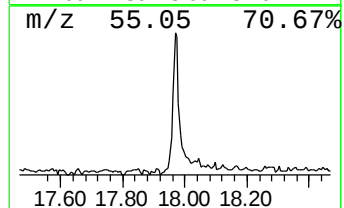
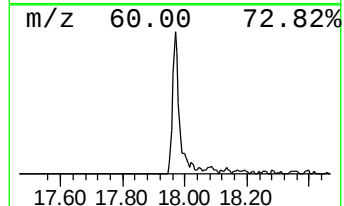
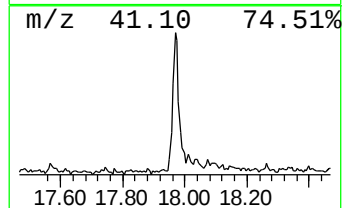
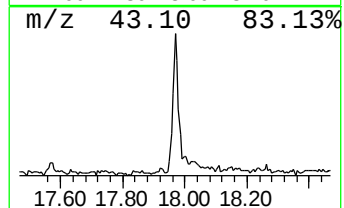
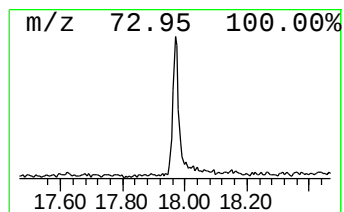
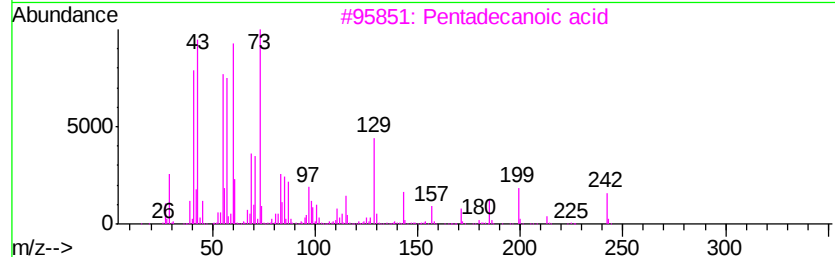
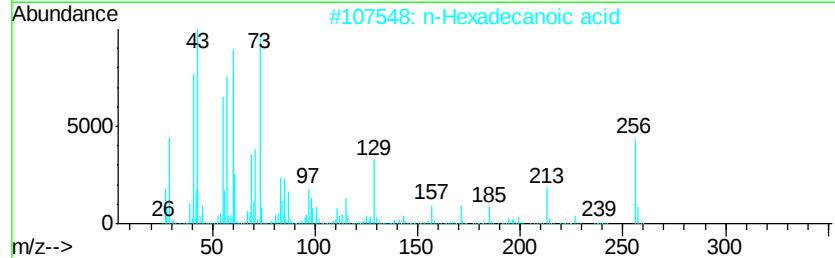
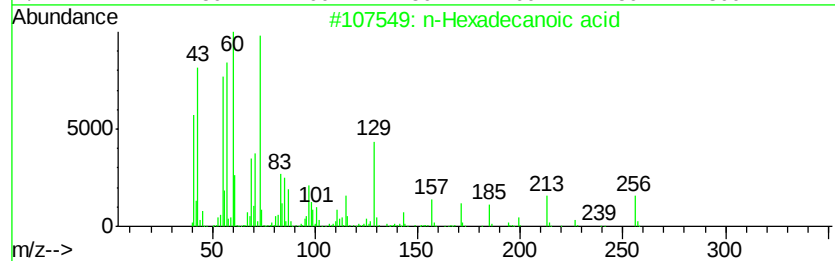
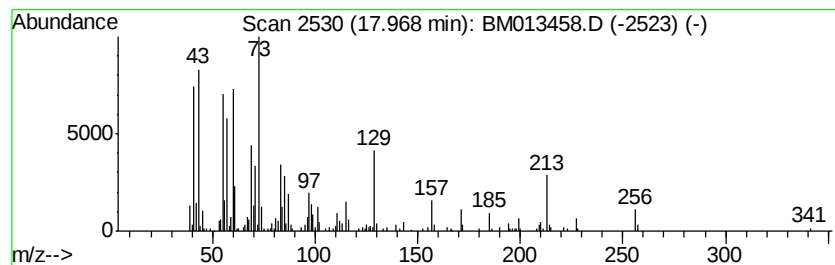
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.97	3.01 ng/ul	553886	Phenanthrene-d10	17.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	



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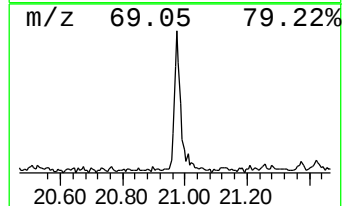
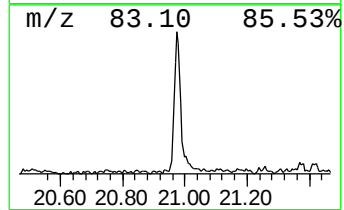
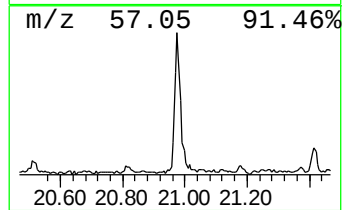
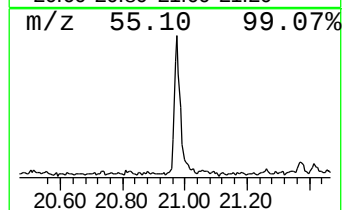
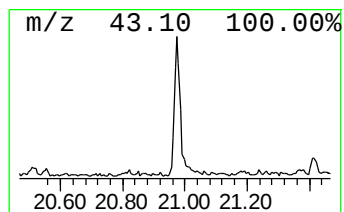
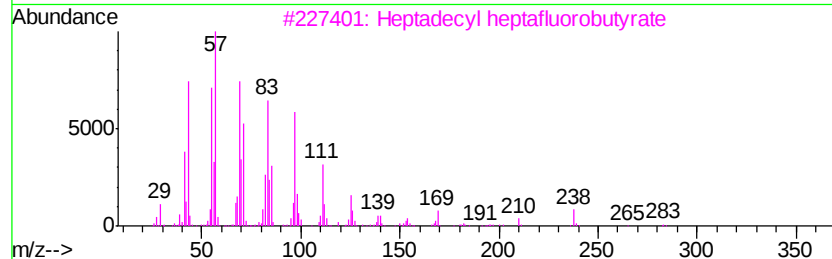
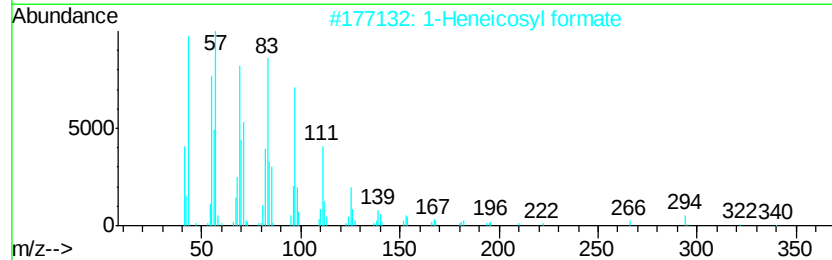
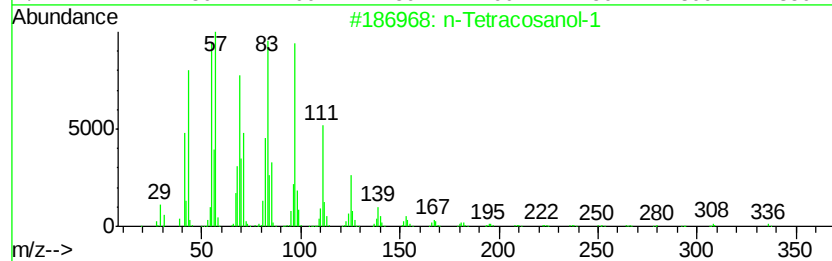
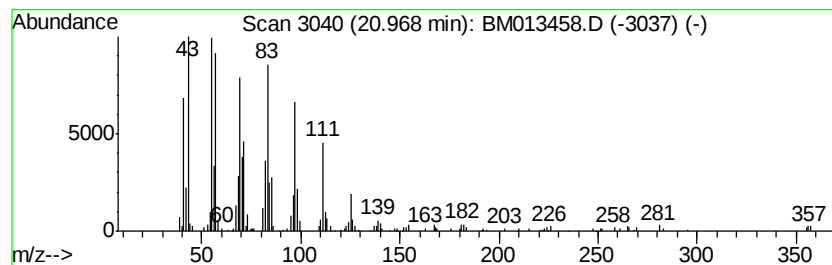
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Peak Number 2 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.43 ng/ul	499595	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	94
2	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
3	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	94
4	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	94
5	Z-8-Hexadecene	224 C16H32	1000130-87-5	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	3.0	ng/ul	553886	4	17.07	3685070	20.0
n-Tetracosanol-1	20.97	2.4	ng/ul	499595	5	21.26	4119650	20.0