

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005480.D
 Acq On : 18 May 2016 21:32
 Operator : UM/SJ
 Sample : H2841-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WS8

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\SOM02.2-EPA-BM051816.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	6.993	742	749	760	rVB	134911	214471	9.60%	1.457%
2	7.169	773	779	786	rBV	101588	159884	7.16%	1.086%
3	7.369	806	813	820	rBV	130141	205980	9.22%	1.400%
4	7.840	887	893	899	rVB	116467	186252	8.34%	1.266%
5	8.534	1004	1011	1019	rVB	179136	288985	12.94%	1.964%
6	8.992	1082	1089	1097	rBV	128590	215094	9.63%	1.462%
7	9.710	1205	1211	1219	rVB	103516	167351	7.49%	1.137%
8	10.239	1295	1301	1310	rVB	177796	290508	13.00%	1.974%
9	10.628	1359	1367	1374	rBV	190559	317536	14.21%	2.158%
10	10.757	1383	1389	1399	rVB	152336	257742	11.54%	1.751%
11	13.874	1913	1919	1923	rBV	423700	576635	25.81%	3.918%
12	13.922	1923	1927	1932	rVB	121030	157840	7.07%	1.073%
13	14.157	1961	1967	1974	rBV	443459	640007	28.65%	4.349%
14	14.374	1998	2004	2008	rBV	24531	31369	1.40%	0.213%
15	14.463	2012	2019	2026	rBV2	317375	510363	22.85%	3.468%
16	14.645	2044	2050	2056	rBV	220405	306747	13.73%	2.084%
17	15.321	2161	2165	2171	rVB	34664	42117	1.89%	0.286%
18	15.457	2182	2188	2195	rVB	629622	909922	40.73%	6.183%
19	15.563	2201	2206	2214	rVB	147460	202312	9.06%	1.375%
20	16.186	2305	2312	2315	rBV	31683	44583	2.00%	0.303%
21	17.204	2479	2485	2492	rBV2	515516	733044	32.81%	4.981%
22	17.304	2495	2502	2513	rVB	786674	1107324	49.57%	7.524%
23	18.098	2632	2637	2645	rBV	80722	114945	5.15%	0.781%
24	19.380	2850	2855	2863	rBV3	31574	46368	2.08%	0.315%
25	19.592	2885	2891	2898	rBV	1200745	1591971	71.26%	10.818%
26	21.098	3143	3147	3151	rBV	107221	135231	6.05%	0.919%
27	21.374	3189	3194	3200	rBV	1023284	1326083	59.36%	9.011%
28	22.592	3398	3401	3408	rVB	98273	129628	5.80%	0.881%
29	23.515	3551	3558	3565	rBV2	1180514	2233943	100.00%	15.180%
30	23.662	3575	3583	3594	rVB2	781059	1572202	70.38%	10.683%

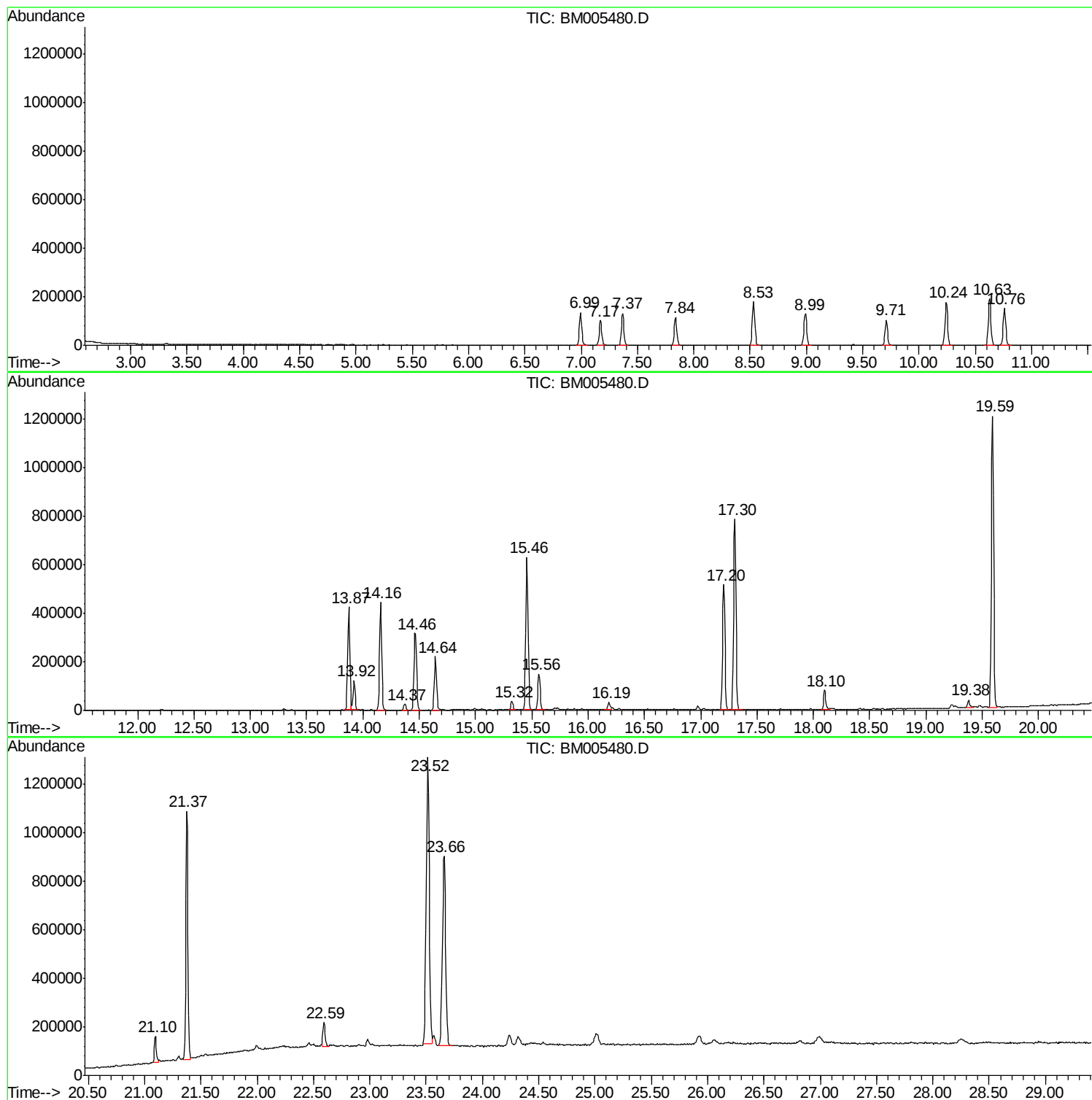
Sum of corrected areas: 14716437

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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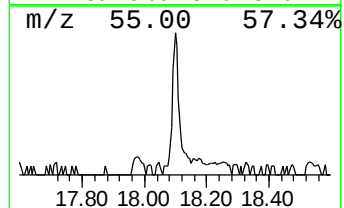
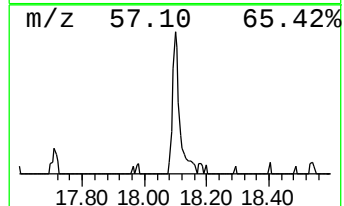
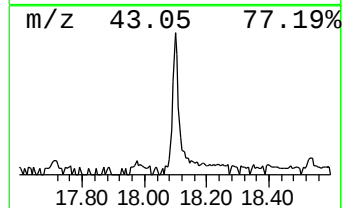
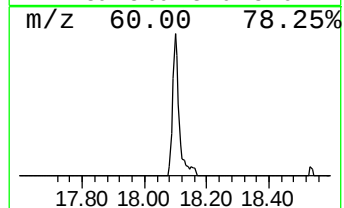
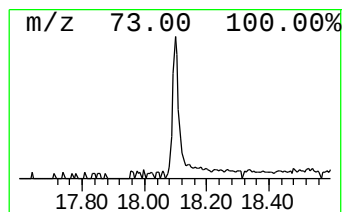
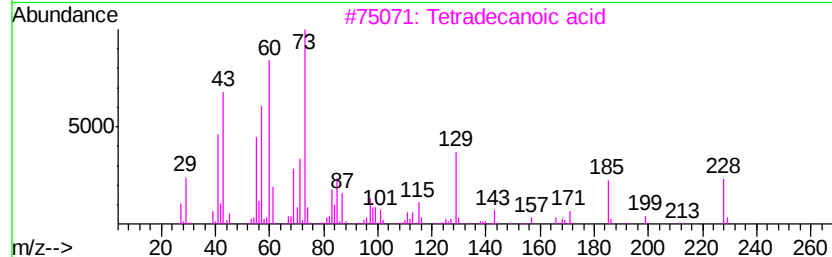
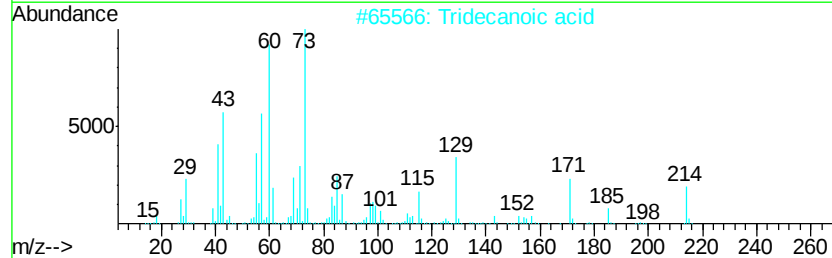
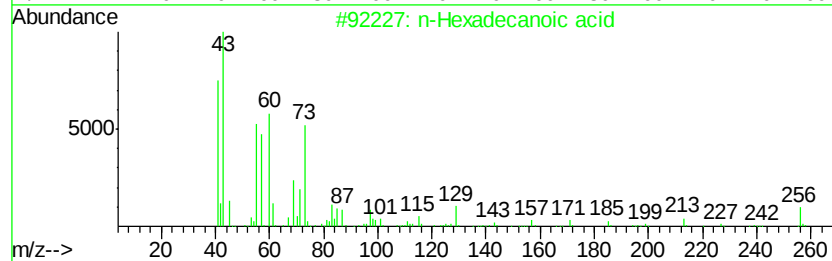
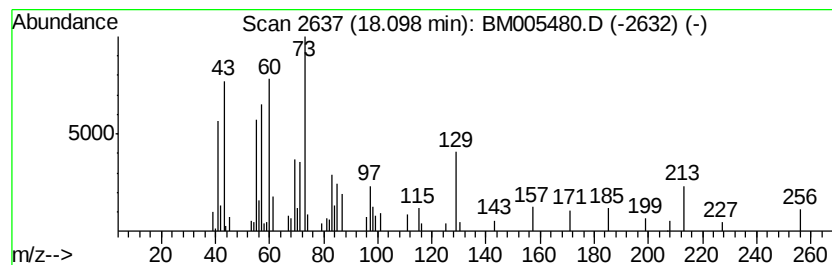
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.10	3.14 ng/ul	114945	Phenanthrene-d10		17.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Tridecanoic acid		214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	64
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	59



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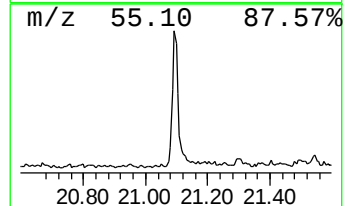
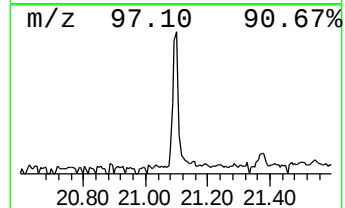
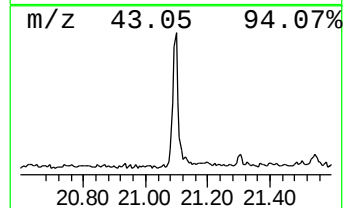
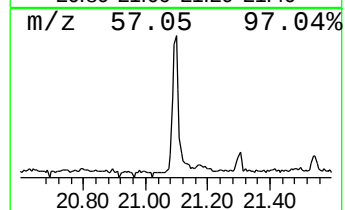
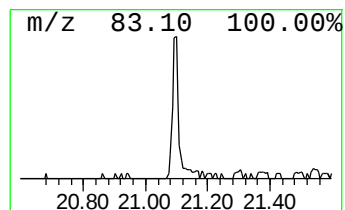
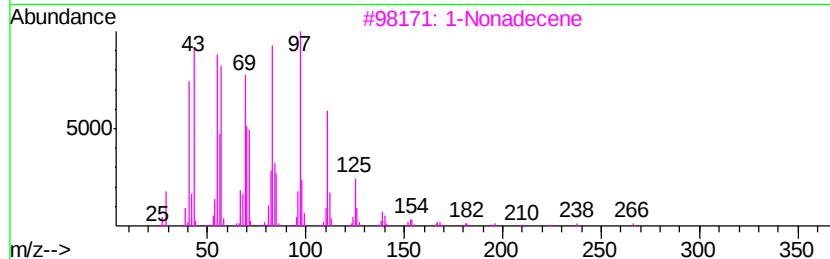
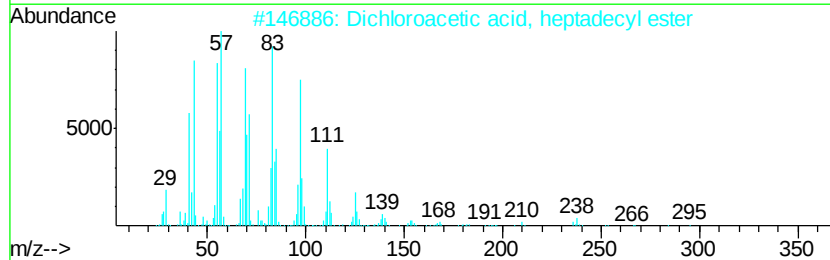
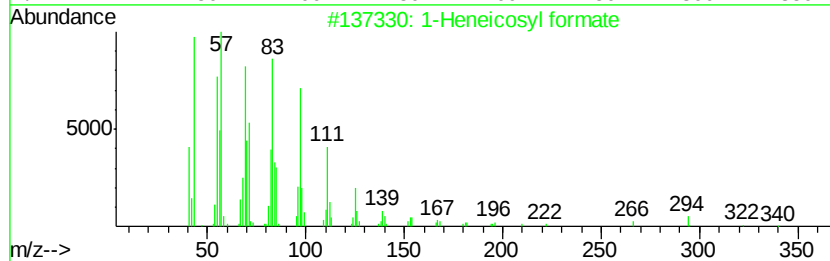
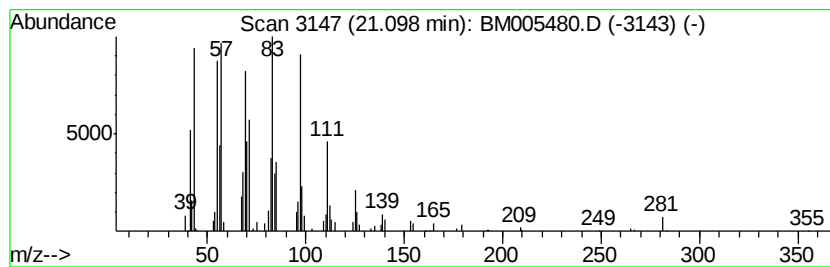
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Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.04 ng/ul	135231	Chrysene-d12	21.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
2	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	94
3	1-Nonadecene	266 C19H38	018435-45-5	91
4	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
5	1-Octadecanol	270 C18H38O	000112-92-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.10	3.1	ng/ul	114945	4	17.20	733044	20.0
1-Heneicosyl formate	21.10	2.0	ng/ul	135231	5	21.37	1326080	20.0