

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013913.D
 Acq On : 28 Jan 2018 08:27
 Operator : SJ/JU
 Sample : J1245-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B69

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-BM011018.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	3.140	23	26	32	rVB2	39754	48215	1.33%	0.126%
2	6.769	637	643	659	rVB2	645220	1225046	33.68%	3.211%
3	6.928	663	670	680	rBV	504541	774628	21.29%	2.030%
4	7.116	695	702	713	rBV	735550	1148535	31.57%	3.010%
5	7.581	774	781	790	rBV	554643	909269	25.00%	2.383%
6	8.293	896	902	917	rBV	818463	1368474	37.62%	3.587%
7	8.734	971	977	988	rVB	697253	1128509	31.02%	2.958%
8	9.451	1092	1099	1112	rBV	574339	1006770	27.68%	2.639%
9	9.987	1182	1190	1207	rBV	800266	1464229	40.25%	3.837%
10	10.351	1245	1252	1261	rBV	697778	1153878	31.72%	3.024%
11	10.504	1270	1278	1288	rBV	654440	1240858	34.11%	3.252%
12	13.651	1807	1813	1818	rBV	1318027	1883019	51.76%	4.935%
13	13.698	1818	1821	1832	rVB	317644	444855	12.23%	1.166%
14	13.922	1850	1859	1870	rBV	1640855	2361330	64.91%	6.189%
15	14.233	1900	1912	1920	rBV2	923890	1416885	38.95%	3.713%
16	14.474	1947	1953	1973	rBV	296348	737113	20.26%	1.932%
17	15.233	2074	2082	2093	rBV	1946297	2729931	75.05%	7.155%
18	15.374	2100	2106	2118	rBV2	421019	675158	18.56%	1.769%
19	15.610	2139	2146	2152	rBV4	47496	75677	2.08%	0.198%
20	16.657	2319	2324	2330	rBV3	35845	64343	1.77%	0.169%
21	16.986	2374	2380	2387	rBV2	1171779	1632216	44.87%	4.278%
22	17.086	2391	2397	2407	rVV	2017299	2851021	78.38%	7.472%
23	17.892	2529	2534	2543	rBV	264514	398956	10.97%	1.046%
24	19.033	2724	2728	2730	rBV2	28762	41089	1.13%	0.108%
25	19.180	2749	2753	2761	rBV5	92656	148053	4.07%	0.388%
26	19.386	2782	2788	2796	rBV	2293007	3249350	89.33%	8.516%
27	20.909	3043	3047	3055	rBV2	289495	460099	12.65%	1.206%
28	21.186	3089	3094	3104	rBV2	1505701	1997996	54.93%	5.236%
29	23.239	3436	3443	3451	rBV2	1962026	3637637	100.00%	9.534%
30	23.374	3460	3466	3474	rVB2	1054817	1882992	51.76%	4.935%

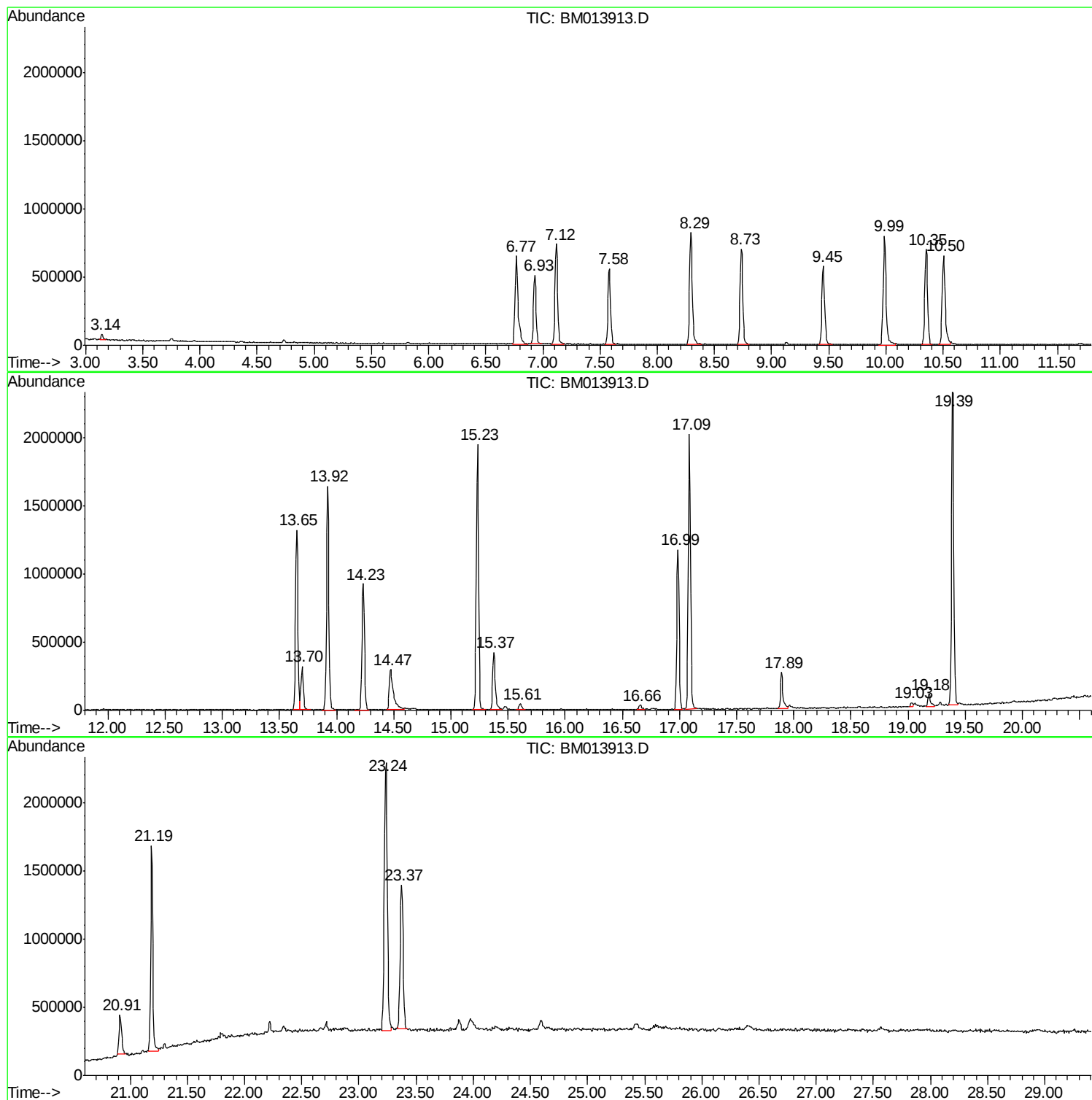
Sum of corrected areas: 38156131

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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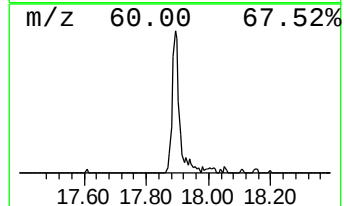
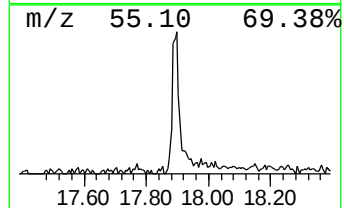
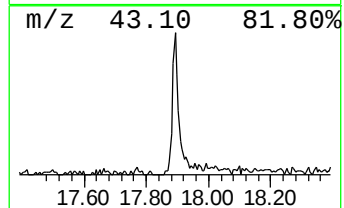
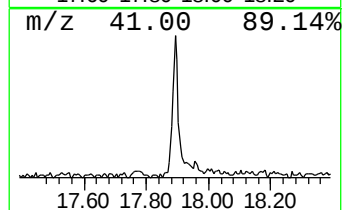
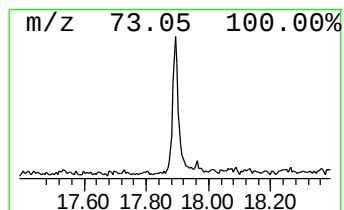
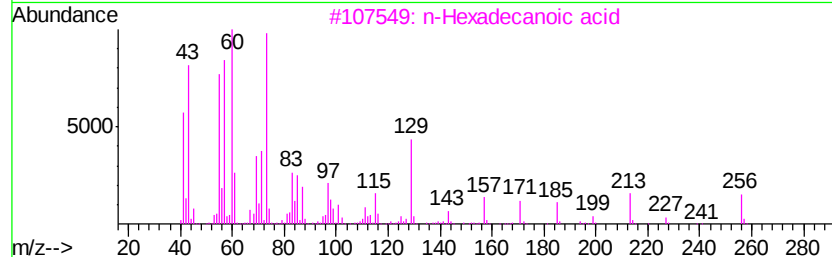
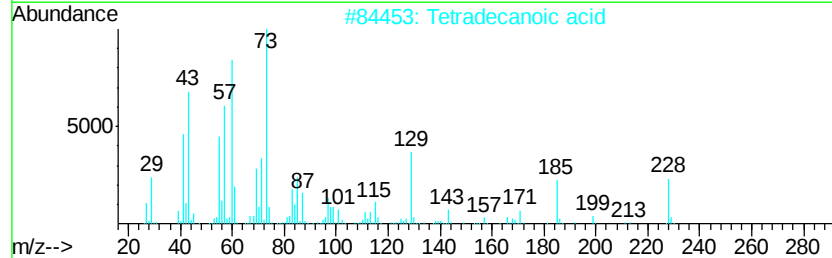
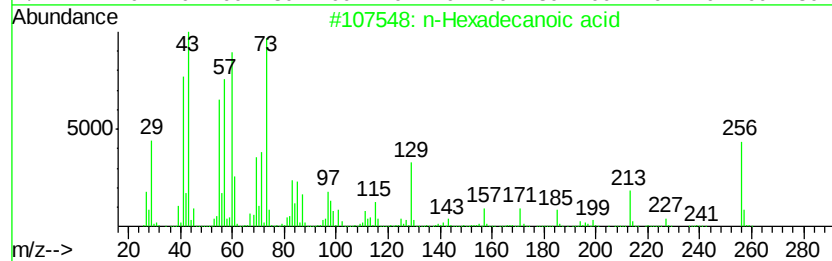
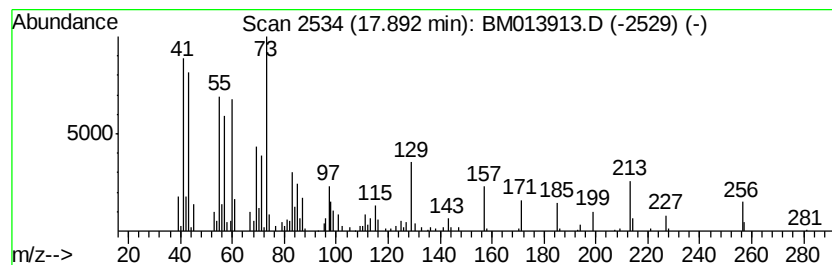
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	4.89 ng/ul	398956	Phenanthrene-d10		16.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53



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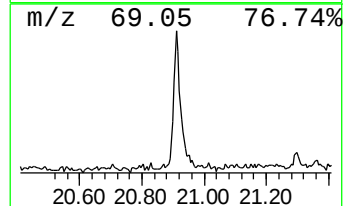
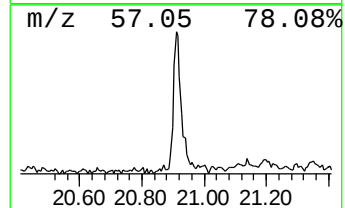
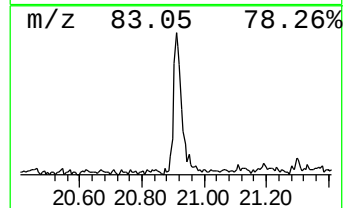
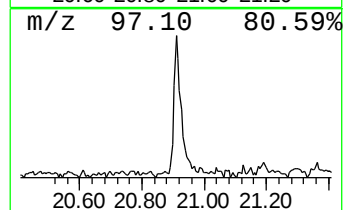
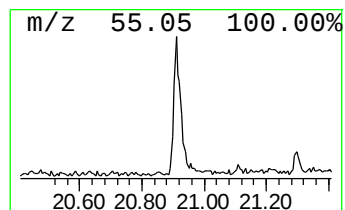
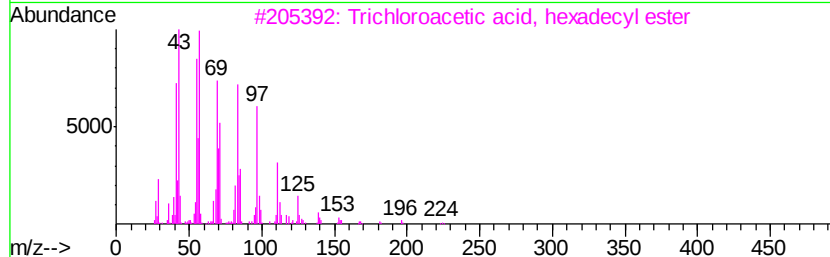
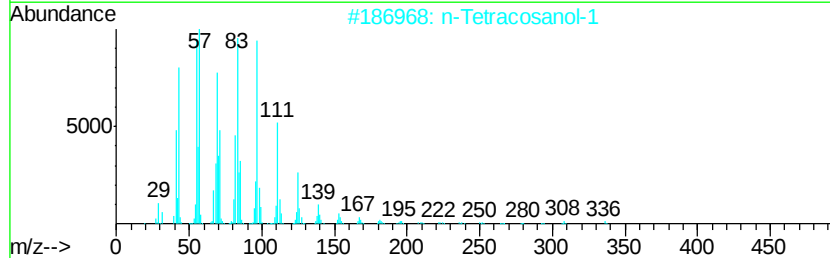
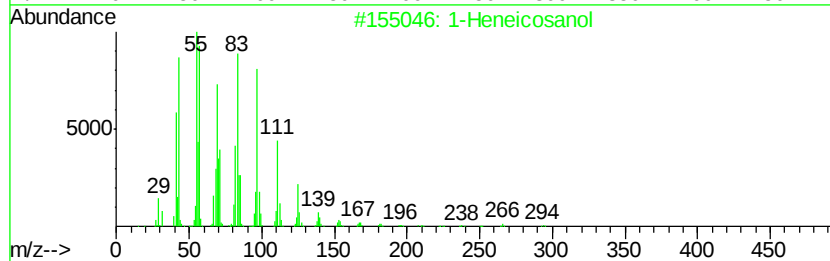
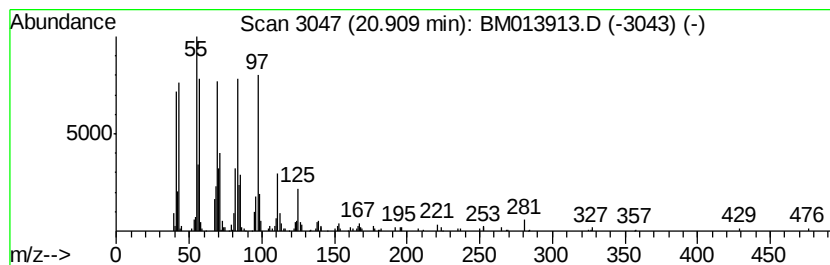
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Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.91	4.61 ng/ul	460099	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	90
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	4.9	ng/ul	398956	4	16.99	1632220	20.0
1-Heneicosanol	20.91	4.6	ng/ul	460099	5	21.19	1998000	20.0