

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013123.D
 Acq On : 27 Nov 2017 22:35
 Operator : SJ/JU
 Sample : I6496-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

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-BM111617.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	3.246	23	27	35	rVB2	29597	50010	1.01%	0.087%
2	4.863	296	302	308	rBV3	45454	67487	1.36%	0.118%
3	6.892	640	647	658	rVB2	636303	1117731	22.47%	1.954%
4	7.045	667	673	681	rBV	480188	742238	14.92%	1.298%
5	7.245	699	707	716	rBV	649491	1026858	20.64%	1.795%
6	7.704	779	785	793	rVB	890583	1436874	28.88%	2.512%
7	8.422	899	907	916	rBV	673815	1094141	21.99%	1.913%
8	8.857	974	981	988	rBV	667966	1085135	21.81%	1.897%
9	9.575	1096	1103	1111	rBV	571854	924041	18.58%	1.615%
10	10.116	1188	1195	1204	rVB	864411	1422874	28.60%	2.488%
11	10.486	1251	1258	1267	rBV	1338539	2209293	44.41%	3.862%
12	10.628	1272	1282	1295	rBV	637244	1094757	22.01%	1.914%
13	13.763	1809	1815	1819	rBV	1724897	2434118	48.93%	4.256%
14	13.804	1819	1822	1827	rVB	241343	327746	6.59%	0.573%
15	14.039	1852	1862	1870	rBV	1794713	2752666	55.33%	4.812%
16	14.257	1894	1899	1903	rVB	88861	108307	2.18%	0.189%
17	14.345	1907	1914	1922	rVB3	1999473	3148689	63.30%	5.505%
18	14.568	1945	1952	1961	rBV	789210	1215739	24.44%	2.125%
19	14.774	1980	1987	1992	rBV6	52893	82968	1.67%	0.145%
20	15.210	2057	2061	2067	rVB	100254	120759	2.43%	0.211%
21	15.339	2077	2083	2091	rBV	2331694	3392897	68.20%	5.932%
22	15.457	2098	2103	2111	rBV	716531	1039430	20.89%	1.817%
23	15.586	2119	2125	2127	rBV4	32176	52407	1.05%	0.092%
24	16.074	2203	2208	2215	rVB2	82125	124217	2.50%	0.217%
25	16.868	2338	2343	2347	rBV3	43308	57665	1.16%	0.101%
26	17.092	2374	2381	2387	rBV2	2907946	3996243	80.33%	6.987%
27	17.192	2392	2398	2408	rVB	2817653	3889192	78.18%	6.799%
28	17.998	2530	2535	2544	rBV2	534443	729812	14.67%	1.276%
29	18.062	2544	2546	2556	rVB6	26271	49825	1.00%	0.087%
30	19.151	2722	2731	2736	rBV4	117450	292274	5.88%	0.511%
31	19.286	2749	2754	2762	rBV	547348	754005	15.16%	1.318%
32	19.374	2766	2769	2774	rVB2	41613	59750	1.20%	0.104%
33	19.486	2782	2788	2797	rBV	3665481	4905221	98.61%	8.576%
34	20.997	3041	3045	3051	rBV	356834	464062	9.33%	0.811%

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Stop Thrs : 0 Peak Location: TOP

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35	21.274	3086	3092	3097	rBV	3788478	4974589	100.00%	8.697%
36	21.880	3192	3195	3201	rVB4	92272	164809	3.31%	0.288%
37	22.844	3354	3359	3363	rBV3	210110	361193	7.26%	0.631%
38	23.362	3440	3447	3453	rBV2	2577081	4726553	95.01%	8.263%
39	23.503	3464	3471	3482	rVB	2286072	4332411	87.09%	7.574%
40	24.056	3560	3565	3571	rVB	191371	370166	7.44%	0.647%

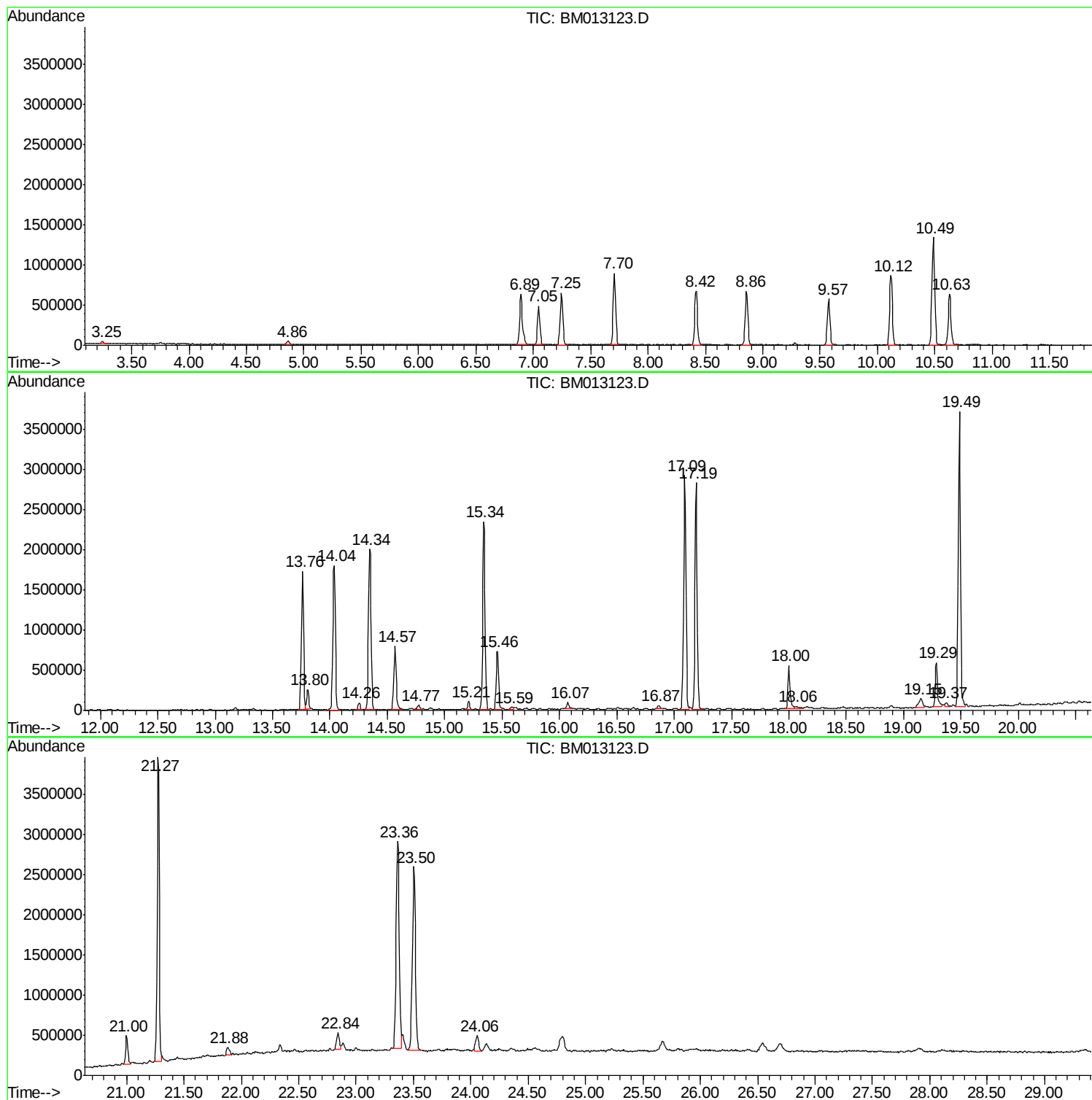
Sum of corrected areas: 57199152

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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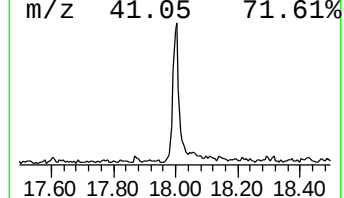
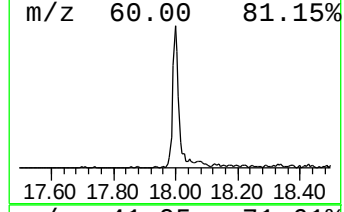
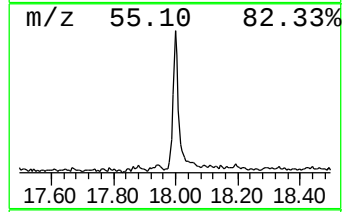
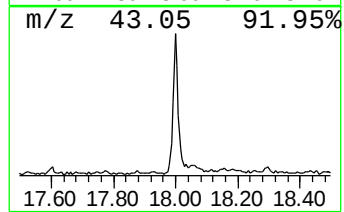
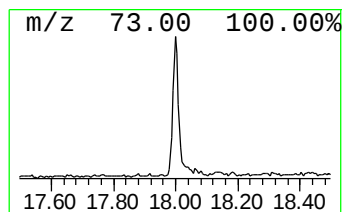
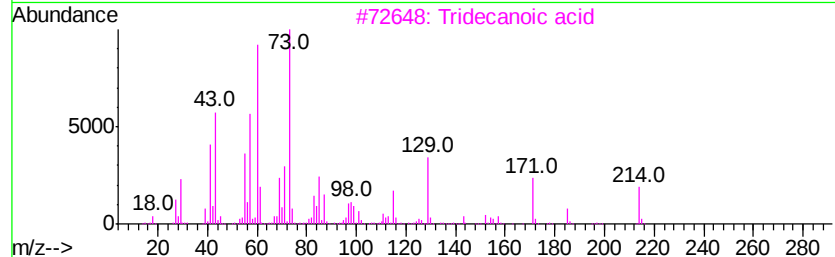
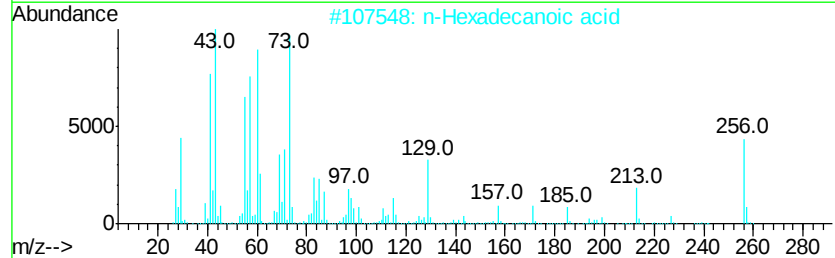
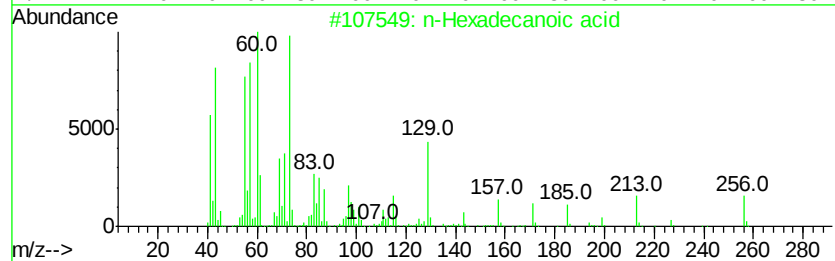
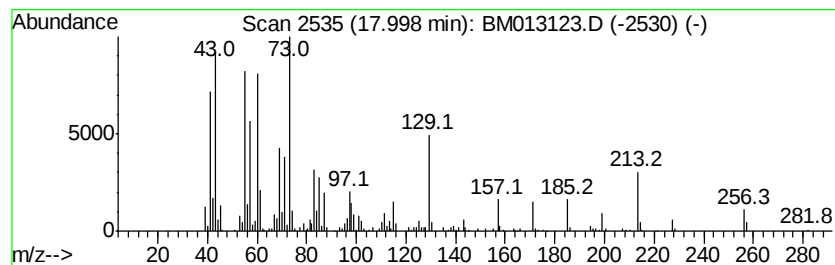
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	3.65 ng/ul	729812	Phenanthrene-d10	17.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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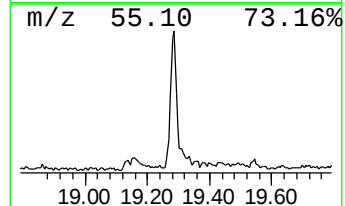
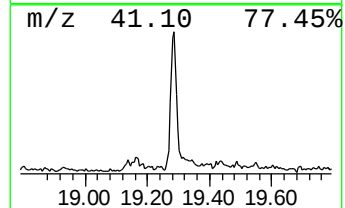
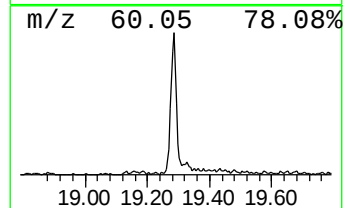
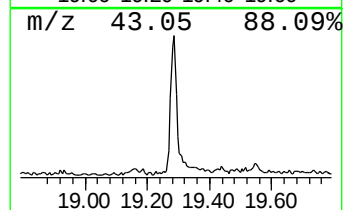
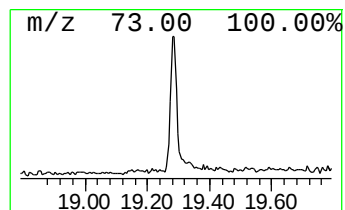
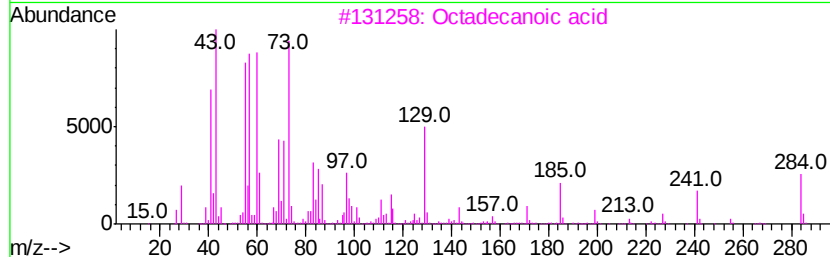
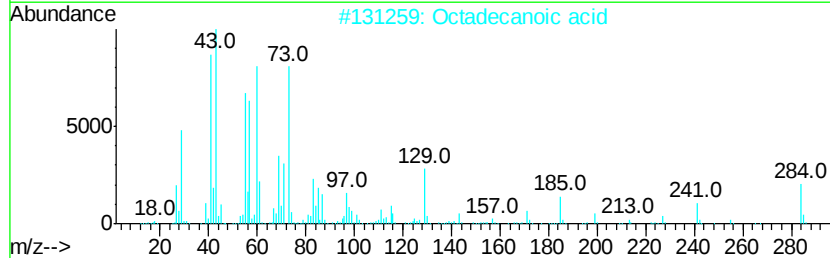
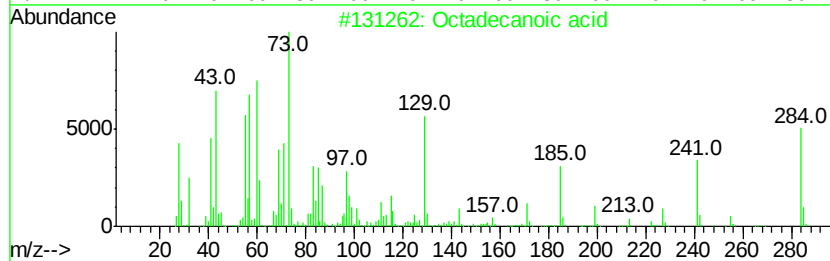
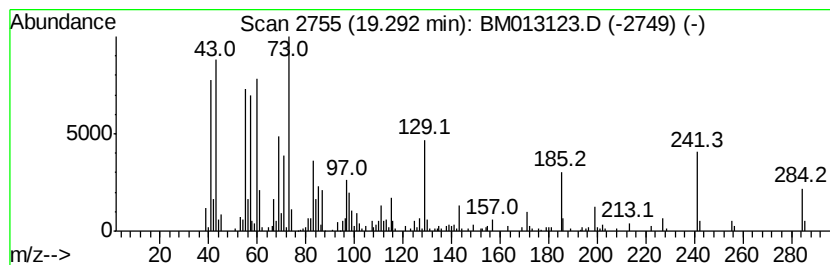
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.29	3.03 ng/ul	754005	Chrysene-d12	21.27		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	3.6	ng/ul	729812	4	17.09	3996240	20.0
Octadecanoic acid	19.29	3.0	ng/ul	754005	5	21.27	4974590	20.0