

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013213.D
 Acq On : 06 Dec 2017 17:24
 Operator : SJ/JU
 Sample : I6647-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0282

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	6.875	637	644	655	rBV	774528	1380019	24.72%	2.298%
2	7.040	663	672	682	rVB	605741	928465	16.63%	1.546%
3	7.234	699	705	715	rVB	818372	1289567	23.10%	2.147%
4	7.698	776	784	791	rBV	776362	1226208	21.97%	2.042%
5	8.404	897	904	915	rBV	1098014	1718791	30.79%	2.862%
6	8.851	973	980	988	rBV	873481	1410870	25.28%	2.349%
7	9.569	1095	1102	1109	rBV	724539	1212054	21.72%	2.018%
8	10.104	1186	1193	1204	rBV	1110205	1837800	32.93%	3.060%
9	10.481	1246	1257	1264	rBV	1117479	1880932	33.70%	3.132%
10	10.622	1273	1281	1294	rBV	1072428	1838378	32.94%	3.061%
11	13.169	1708	1714	1722	rVB2	55371	78606	1.41%	0.131%
12	13.757	1807	1814	1818	rBV	2106684	2977565	53.35%	4.957%
13	13.798	1818	1821	1830	rVB	397455	590865	10.59%	0.984%
14	14.033	1852	1861	1871	rBV	2457841	3574438	64.04%	5.951%
15	14.245	1892	1897	1902	rVB	140974	186499	3.34%	0.311%
16	14.339	1906	1913	1922	rBV2	1739944	2664829	47.74%	4.437%
17	14.551	1939	1949	1959	rBV	917254	1457236	26.11%	2.426%
18	14.869	1998	2003	2010	rBV3	38609	62585	1.12%	0.104%
19	15.204	2056	2060	2066	rVB	157741	195680	3.51%	0.326%
20	15.339	2076	2083	2090	rVB	2867703	4177750	74.85%	6.956%
21	15.457	2095	2103	2112	rBV	902722	1229326	22.02%	2.047%
22	15.574	2118	2123	2126	rBV3	39138	63490	1.14%	0.106%
23	16.068	2202	2207	2210	rBV	120723	164599	2.95%	0.274%
24	16.857	2336	2341	2347	rBV3	56440	88591	1.59%	0.147%
25	17.086	2374	2380	2387	rBV2	2279115	3297273	59.07%	5.490%
26	17.186	2390	2397	2407	rVB2	3462166	4738406	84.89%	7.889%
27	17.992	2528	2534	2541	rBV2	354246	498505	8.93%	0.830%
28	19.121	2718	2726	2730	rBV3	54196	117488	2.10%	0.196%
29	19.274	2748	2752	2761	rBV	239285	336262	6.02%	0.560%
30	19.486	2781	2788	2794	rBV	4146837	5581600	100.00%	9.293%
31	19.545	2794	2798	2801	rVB4	52650	70668	1.27%	0.118%
32	20.998	3041	3045	3053	rBV2	369483	514374	9.22%	0.856%
33	21.274	3087	3092	3099	rBV	3326453	3925633	70.33%	6.536%
34	22.833	3355	3357	3363	rVB4	75294	98534	1.77%	0.164%

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35	23.362	3440	3447	3460	rVB2	2639358	5061084	90.67%	8.426%
36	23.503	3464	3471	3479	rVB2	1652360	3186200	57.08%	5.305%
37	24.044	3560	3563	3570	rVB3	115404	230703	4.13%	0.384%
38	24.786	3687	3689	3696	rVB2	108487	170096	3.05%	0.283%

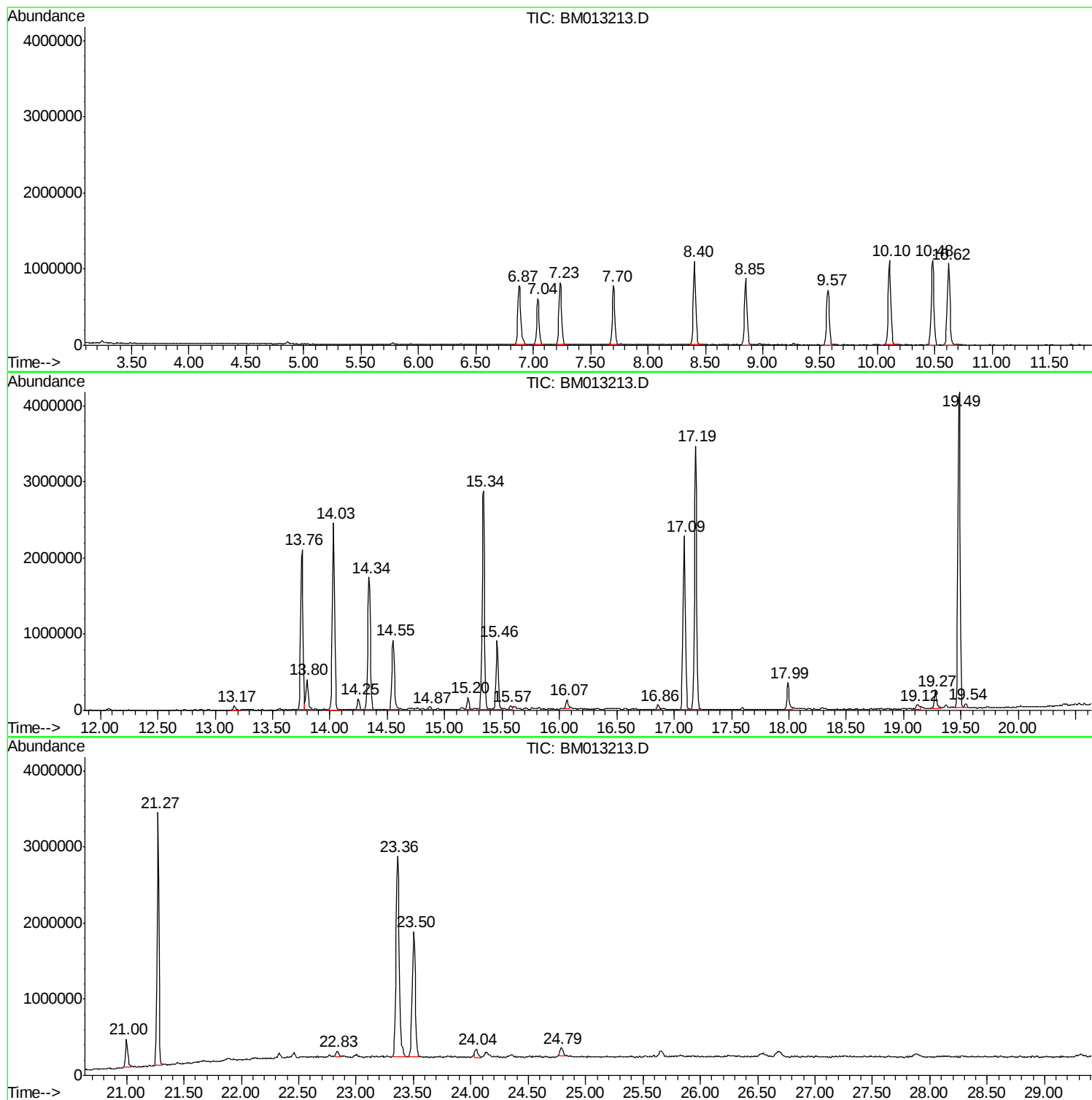
Sum of corrected areas: 60061969

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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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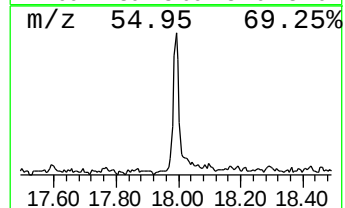
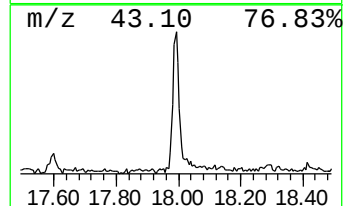
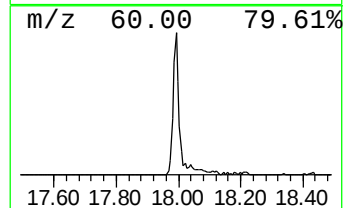
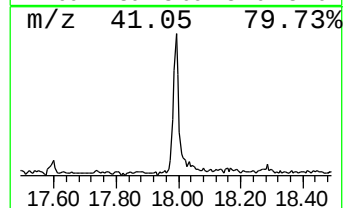
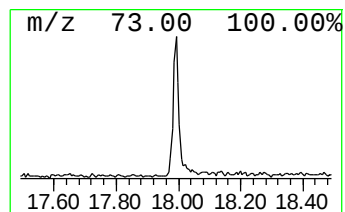
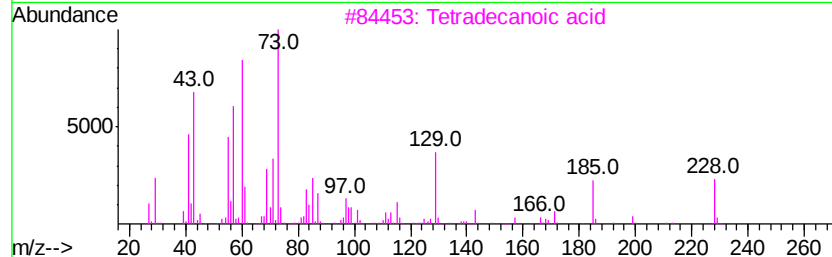
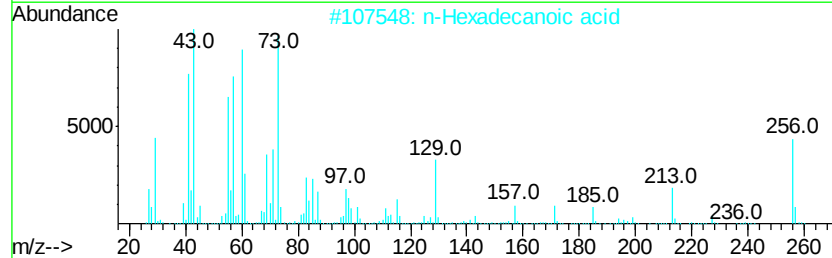
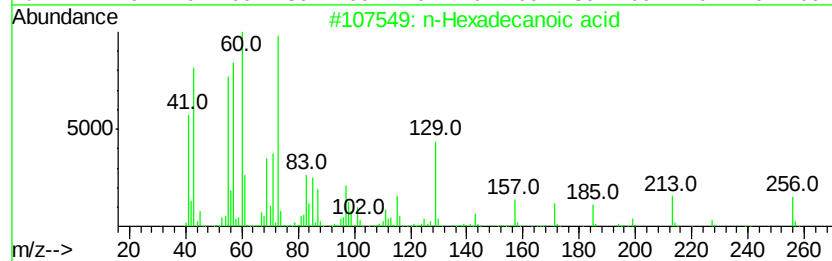
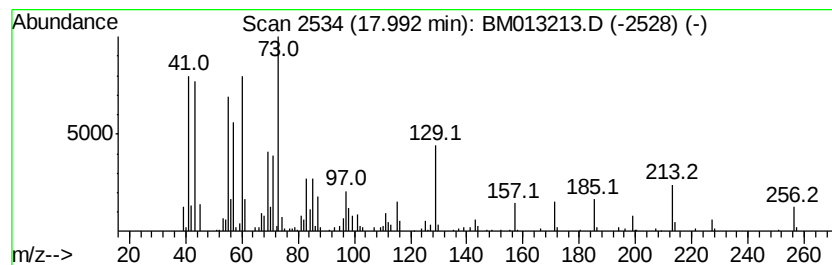
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.99	3.02 ng/ul	498505	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	Tetradecanoic acid		228	C14H28O2	000544-63-8	90
4	Tridecanoic acid		214	C13H26O2	000638-53-9	86
5	n-Decanoic acid		172	C10H20O2	000334-48-5	86



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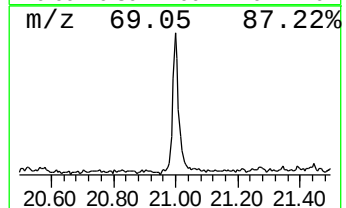
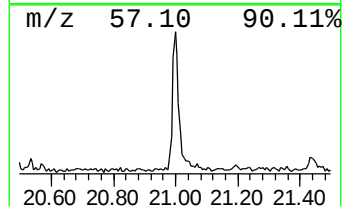
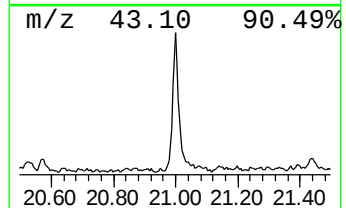
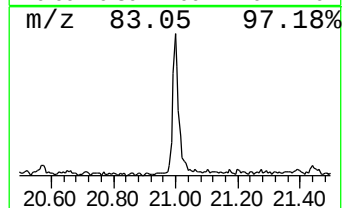
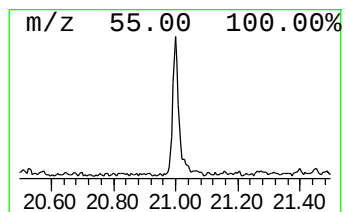
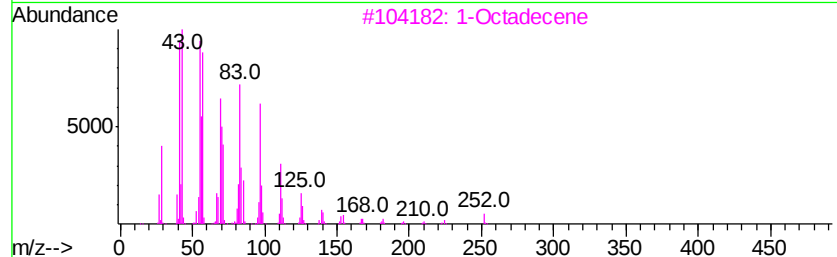
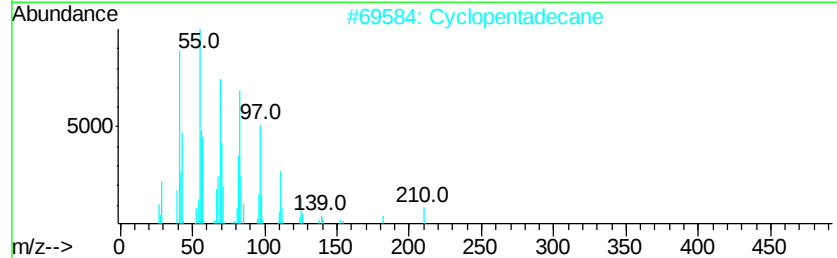
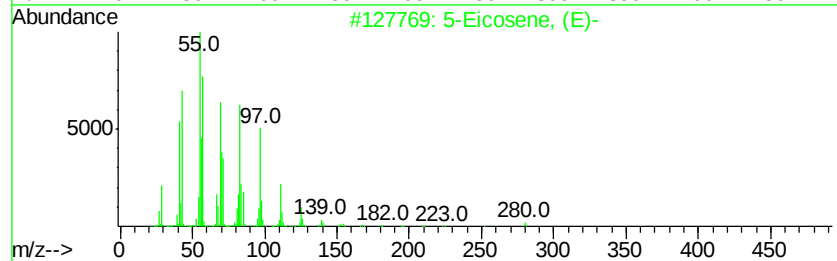
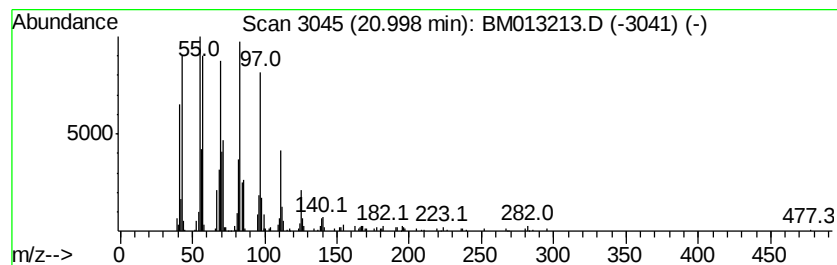
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Peak Number 2 (DEL) Alkane: Cyclic21.00 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.62 ng/ul	514374	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		Cyclopentadecane	210	C15H30	000295-48-7	98
3		1-Octadecene	252	C18H36	000112-88-9	96
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	3.0	ng/ul	498505	4	17.09	3297270	20.0
(DEL) Alkane: Cyc...	21.00	2.6	ng/ul	514374	5	21.27	3925630	20.0