

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013370.D
 Acq On : 13 Dec 2017 13:02
 Operator : SJ/JU
 Sample : I6779-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A92

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	6.863	636	642	655	rVB2	747506	1359930	19.47%	2.190%
2	7.028	664	670	682	rVB	536183	843830	12.08%	1.359%
3	7.222	696	703	712	rBV	761530	1223304	17.52%	1.970%
4	7.687	773	782	790	rBV	573031	953600	13.66%	1.536%
5	8.392	895	902	912	rBV	1012334	1663234	23.82%	2.679%
6	8.839	971	978	987	rVB	787843	1305693	18.70%	2.103%
7	9.551	1092	1099	1107	rBV	676753	1141535	16.35%	1.838%
8	10.086	1182	1190	1201	rBV	1084603	1809785	25.92%	2.915%
9	10.463	1247	1254	1261	rBV	861137	1436539	20.57%	2.314%
10	10.604	1271	1278	1289	rBV	948050	1602538	22.95%	2.581%
11	13.739	1805	1811	1816	rBV	2097039	2938441	42.08%	4.732%
12	13.786	1816	1819	1830	rVB	555086	745310	10.67%	1.200%
13	14.016	1849	1858	1866	rBV	2263986	3427344	49.08%	5.520%
14	14.327	1904	1911	1918	rBV2	1425680	2131807	30.53%	3.433%
15	14.539	1941	1947	1961	rBV	926691	1529633	21.90%	2.463%
16	15.321	2072	2080	2087	rBV	2935786	4296592	61.53%	6.920%
17	15.451	2096	2102	2115	rBV	905129	1224796	17.54%	1.973%
18	17.074	2372	2378	2383	rBV2	2094738	3012479	43.14%	4.852%
19	17.115	2383	2385	2389	rVV	102856	131200	1.88%	0.211%
20	17.174	2389	2395	2406	rVB2	3729942	5298739	75.88%	8.534%
21	17.980	2524	2532	2542	rBV2	392372	589155	8.44%	0.949%
22	19.109	2718	2724	2726	rBV	50250	73096	1.05%	0.118%
23	19.262	2746	2750	2758	rBV3	116924	159285	2.28%	0.257%
24	19.474	2780	2786	2794	rBV	5089051	6792517	97.27%	10.939%
25	19.921	2858	2862	2867	rBV2	74261	107123	1.53%	0.173%
26	20.986	3039	3043	3054	rBV	815643	996907	14.28%	1.606%
27	21.268	3085	3091	3098	rBV	3390909	4171865	59.74%	6.719%
28	23.356	3438	3446	3456	rBV2	3628344	6983161	100.00%	11.246%
29	23.497	3463	3470	3478	rVB	1946195	3651443	52.29%	5.881%
30	24.021	3557	3559	3565	rVB5	100400	169599	2.43%	0.273%
31	24.109	3571	3574	3586	rVB5	150212	322363	4.62%	0.519%

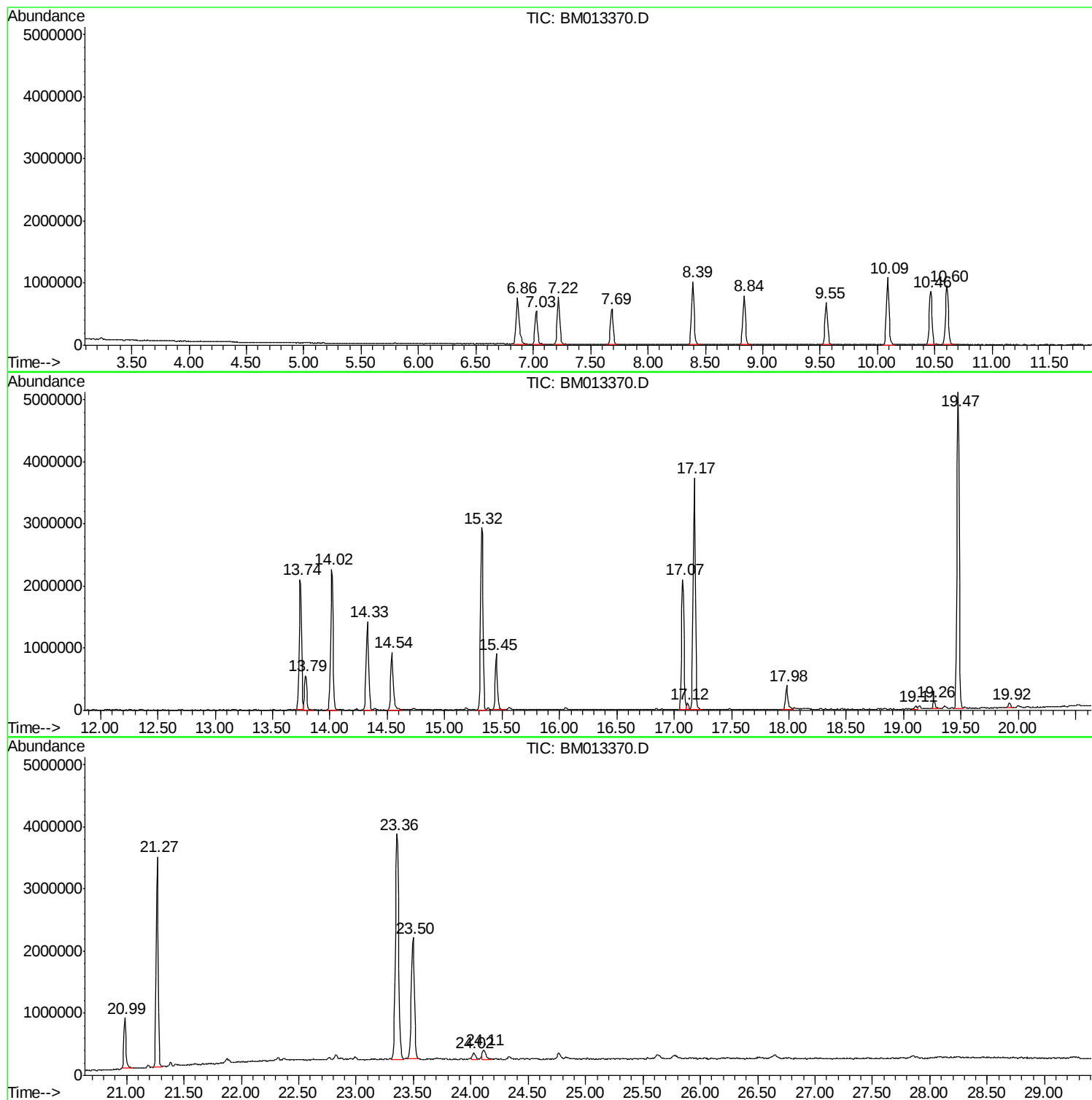
Sum of corrected areas: 62092843

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Quant Title : SVOA CALIBRATION

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



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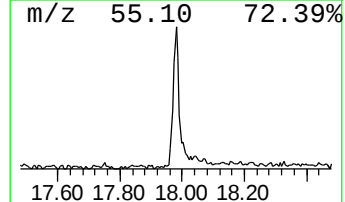
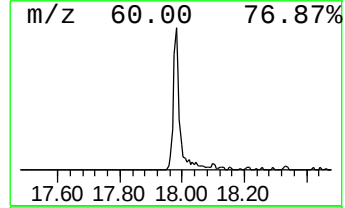
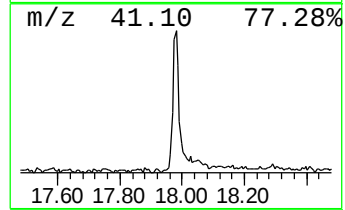
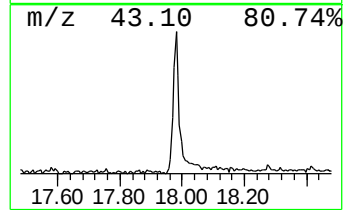
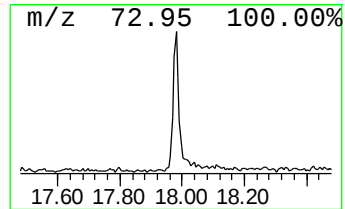
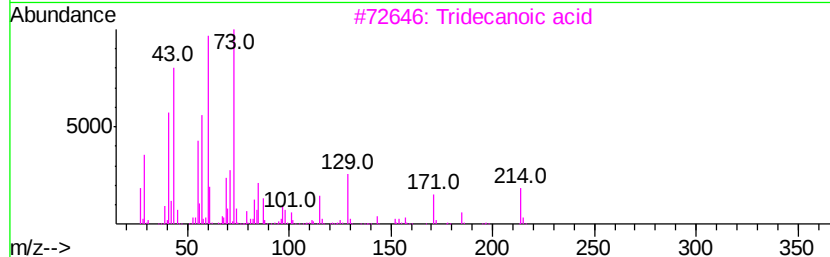
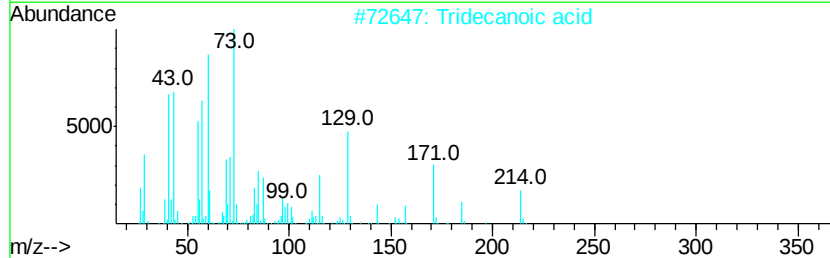
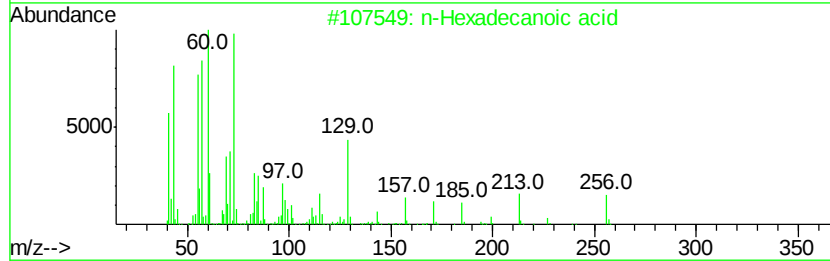
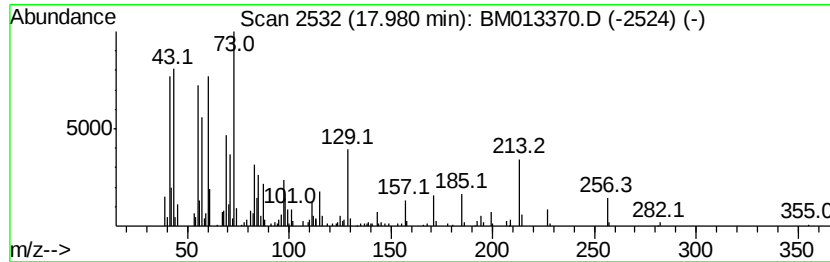
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	3.91 ng/ul	589155	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



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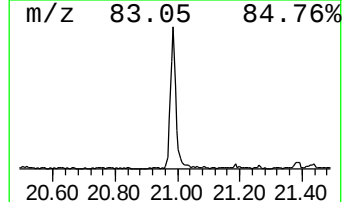
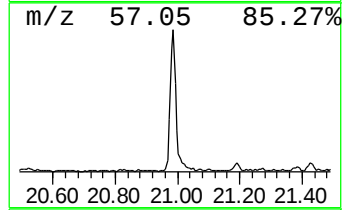
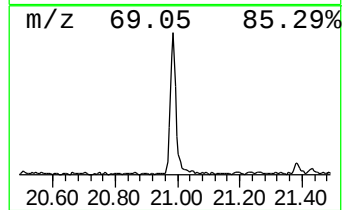
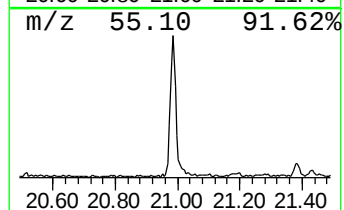
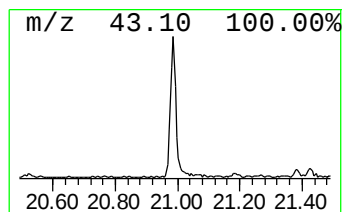
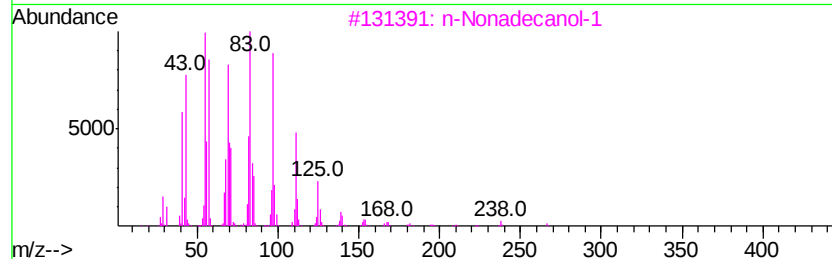
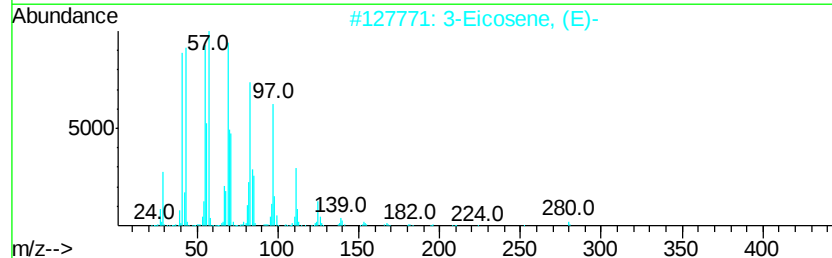
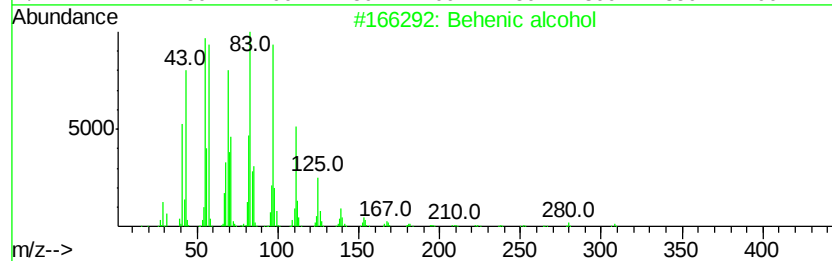
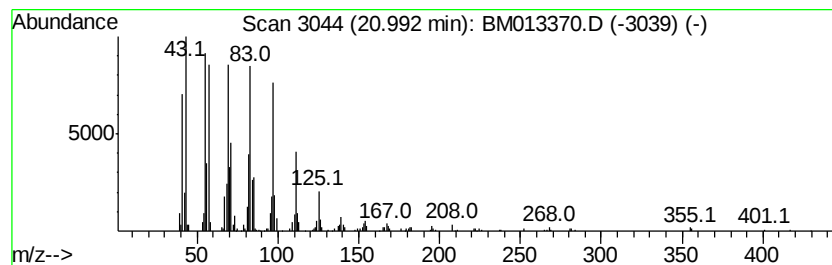
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.78 ng/ul	996907	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	93
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4		1-Heneicosanol	312	C21H44O	015594-90-8	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.98	3.9	ng/ul	589155	4	17.07	3012480	20.0
Behenic alcohol	20.99	4.8	ng/ul	996907	5	21.27	4171870	20.0