

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
 Data File : BM014082.D
 Acq On : 01 Feb 2018 20:22
 Operator : SJ/JU
 Sample : J1317-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D23

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-BM013118.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	3.116	20	22	29	rVB4	21346	32598	1.32%	0.117%
2	6.745	633	639	651	rBV2	347397	751928	30.34%	2.690%
3	6.904	660	666	679	rBV	271966	451053	18.20%	1.613%
4	7.093	692	698	710	rBV	409512	676685	27.30%	2.420%
5	7.557	770	777	790	rBV	381913	665846	26.86%	2.382%
6	8.275	892	899	919	rBV	427390	832117	33.57%	2.976%
7	8.716	967	974	985	rBV	402535	729763	29.44%	2.610%
8	9.434	1088	1096	1105	rBV2	323567	632041	25.50%	2.261%
9	9.969	1181	1187	1202	rBV	452681	874488	35.28%	3.128%
10	10.328	1241	1248	1256	rBV	528346	900122	36.32%	3.220%
11	10.486	1268	1275	1296	rBV	353485	794338	32.05%	2.841%
12	13.027	1701	1707	1713	rBV3	19087	29101	1.17%	0.104%
13	13.633	1803	1810	1814	rBV	929807	1309334	52.83%	4.683%
14	13.680	1814	1818	1826	rVB2	259229	434314	17.52%	1.553%
15	13.904	1847	1856	1869	rBV	1088886	1630047	65.77%	5.830%
16	14.121	1887	1893	1897	rBV2	50748	72769	2.94%	0.260%
17	14.210	1901	1908	1916	rBV2	781372	1221136	49.27%	4.368%
18	14.463	1944	1951	1966	rBV2	152101	448977	18.11%	1.606%
19	14.739	1994	1998	2004	rVB4	17206	28236	1.14%	0.101%
20	15.021	2041	2046	2050	rBV4	19961	29639	1.20%	0.106%
21	15.074	2050	2055	2060	rVV	68102	83074	3.35%	0.297%
22	15.216	2069	2079	2089	rBV	1312221	1985765	80.12%	7.103%
23	15.363	2100	2104	2116	rBV	230718	420150	16.95%	1.503%
24	15.463	2116	2121	2122	rBV5	21869	24831	1.00%	0.089%
25	15.939	2198	2202	2209	rBV3	62633	94632	3.82%	0.338%
26	16.733	2333	2337	2341	rBV3	32987	46057	1.86%	0.165%
27	16.968	2371	2377	2385	rBV	1094576	1470067	59.31%	5.258%
28	17.068	2388	2394	2408	rVV2	1411932	2126500	85.80%	7.606%
29	17.474	2459	2463	2468	rBV3	21859	33558	1.35%	0.120%
30	17.874	2527	2531	2541	rBV2	107567	194276	7.84%	0.695%
31	17.951	2541	2544	2548	rVB	20134	24856	1.00%	0.089%
32	19.021	2721	2726	2729	rBV5	24066	38649	1.56%	0.138%
33	19.168	2747	2751	2756	rBV8	52782	78607	3.17%	0.281%
34	19.374	2780	2786	2794	rBV	1729810	2427296	97.93%	8.682%

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35	20.892	3040	3044	3053	rBV3	225393	397975	16.06%	1.424%
36	21.092	3075	3078	3084	rVB	123011	143826	5.80%	0.514%
37	21.174	3087	3092	3105	rVV	1220794	1719290	69.37%	6.150%
38	23.215	3433	3439	3449	rVB2	1359109	2478512	100.00%	8.865%
39	23.356	3457	3463	3475	rVB	818094	1624993	65.56%	5.812%

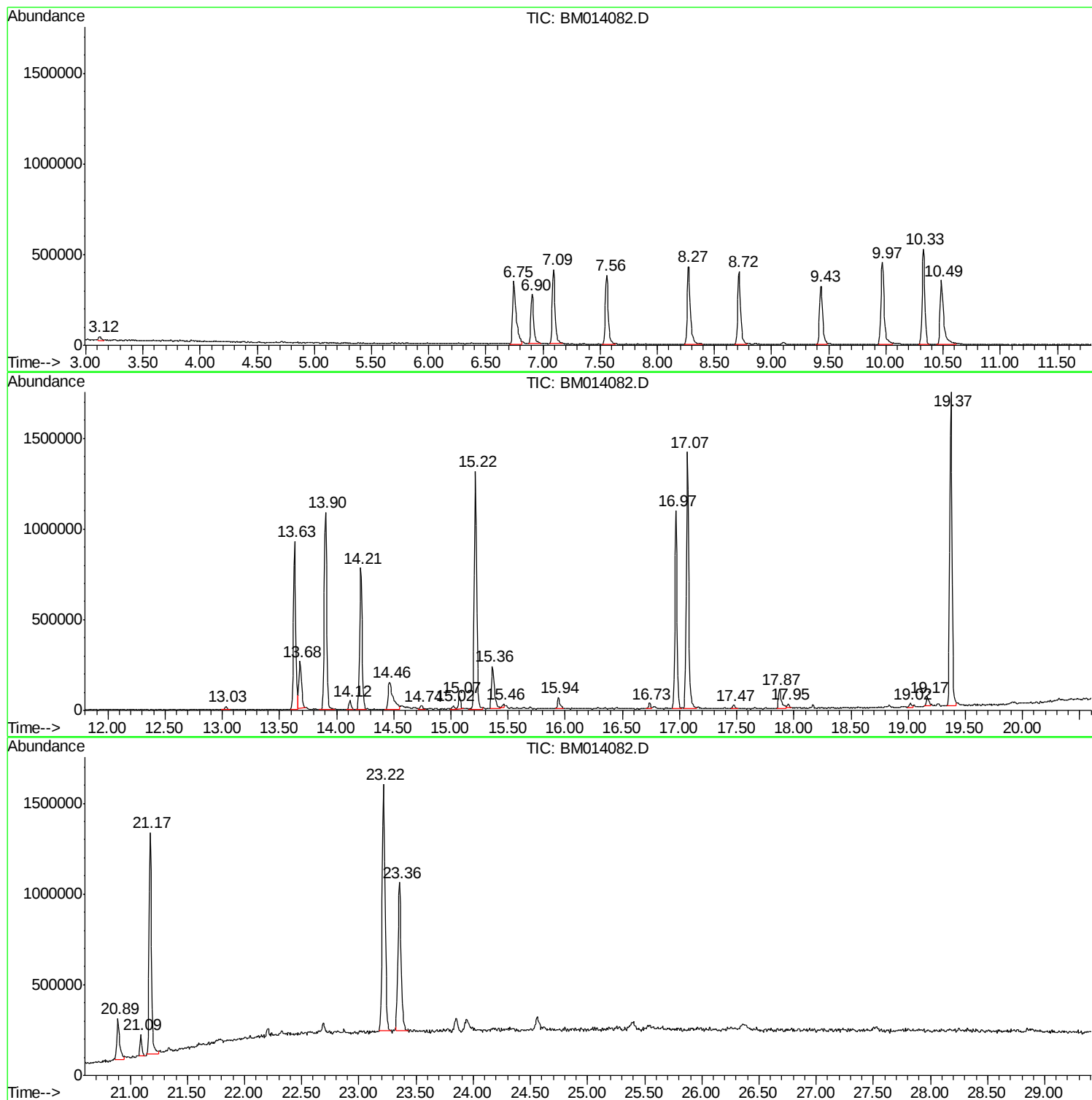
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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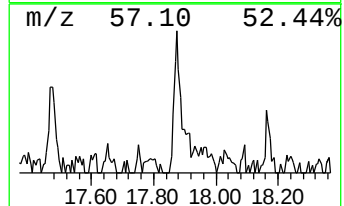
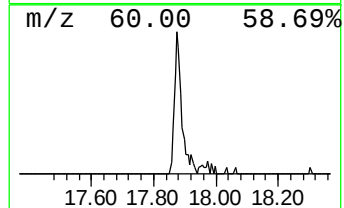
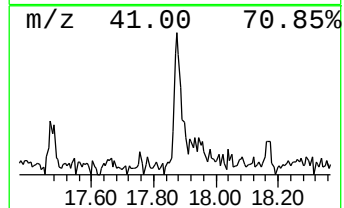
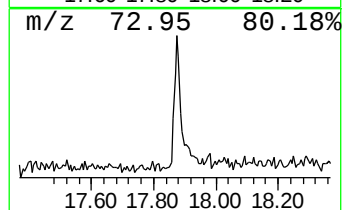
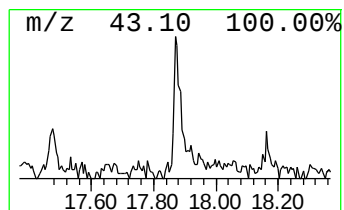
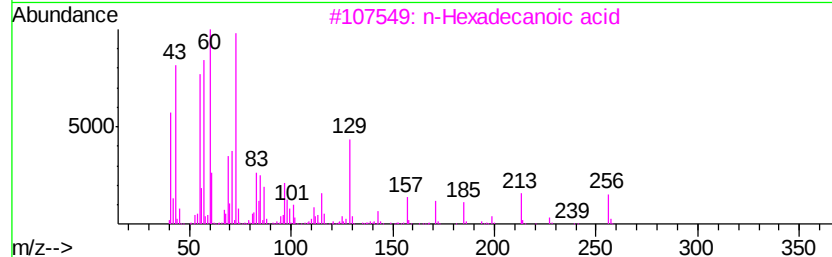
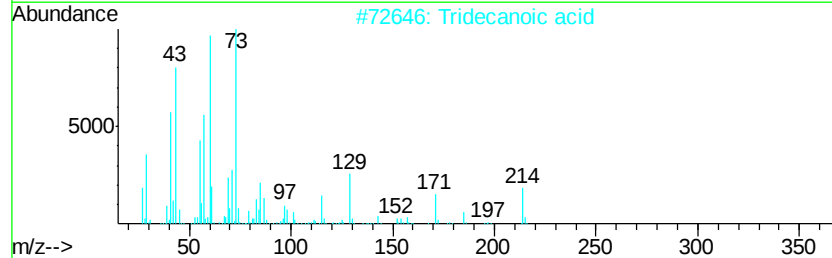
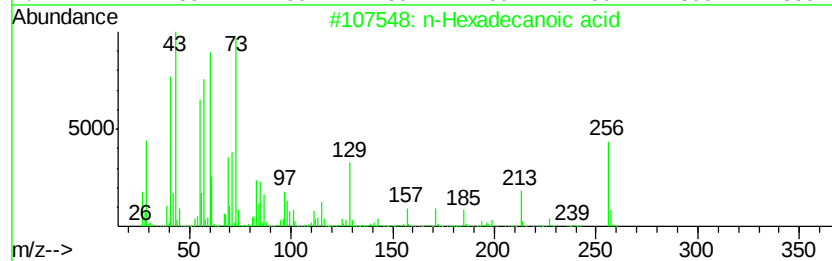
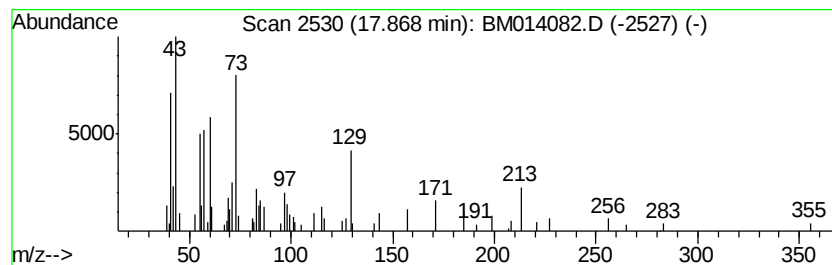
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.64 ng/ul	194276	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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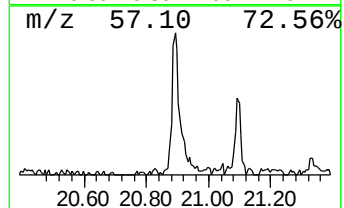
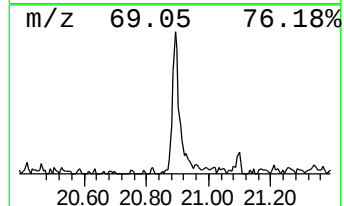
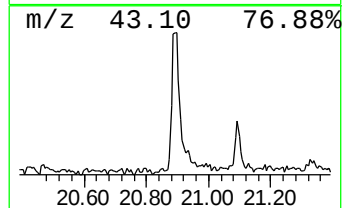
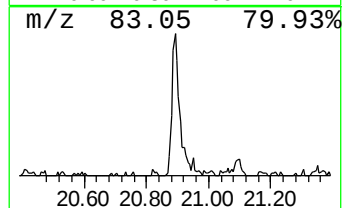
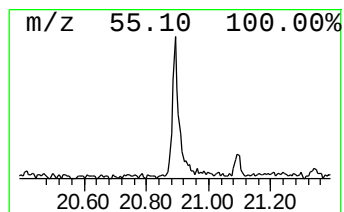
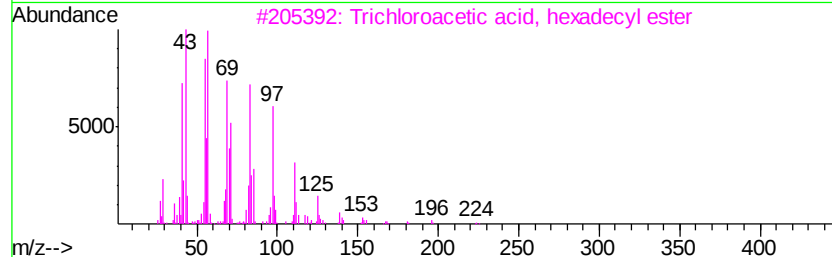
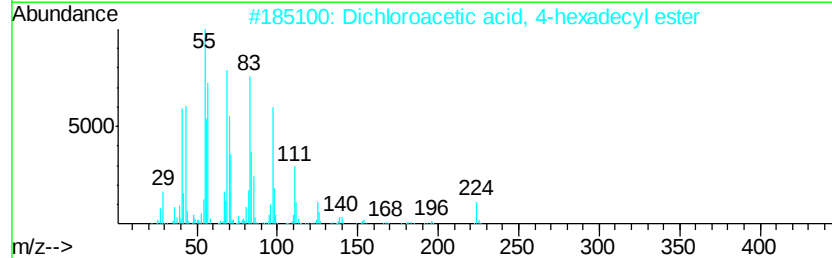
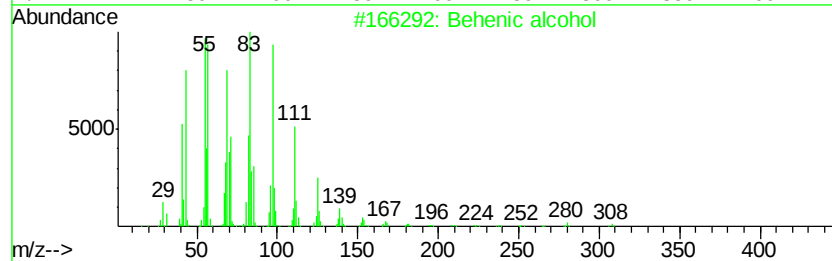
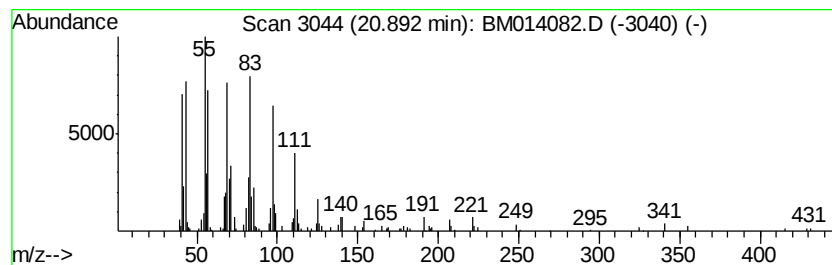
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.63 ng/ul	397975	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 92
2		Dichloroacetic acid, 4-hexadecyl...	352 C18H34Cl2O2	1000282-98-1 91
3		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 83
4		Trifluoroacetoxv hexadecane	338 C18H33F3O2	006222-03-3 74
5		Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6 68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.6	ng/ul	194276	4	16.97	1470070	20.0
Behenic alcohol	20.89	4.6	ng/ul	397975	5	21.17	1719290	20.0