

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014116.D
 Acq On : 02 Feb 2018 16:47
 Operator : SJ/JU
 Sample : J1339-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D19

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	3.122	19	23	27	rBV5	24717	38778	1.36%	0.125%
2	6.740	632	638	654	rBV	354634	698564	24.54%	2.260%
3	6.904	660	666	678	rBV	288930	473237	16.62%	1.531%
4	7.093	691	698	705	rBV	429421	694427	24.40%	2.247%
5	7.551	770	776	789	rBV	387475	652802	22.93%	2.112%
6	8.269	892	898	912	rBV	463733	851613	29.92%	2.755%
7	8.710	966	973	987	rBV	413942	756907	26.59%	2.449%
8	9.428	1088	1095	1106	rBV2	360443	686604	24.12%	2.221%
9	9.963	1174	1186	1198	rBV	481424	919786	32.31%	2.976%
10	10.328	1239	1248	1256	rBV	532067	914070	32.11%	2.957%
11	10.481	1268	1274	1289	rBV	366214	806236	28.32%	2.608%
12	13.627	1803	1809	1814	rBV	1023936	1466056	51.50%	4.743%
13	13.674	1814	1817	1825	rVB	175894	290534	10.21%	0.940%
14	13.898	1849	1855	1862	rBV	1143672	1700789	59.75%	5.503%
15	14.116	1886	1892	1897	rBV3	39532	51309	1.80%	0.166%
16	14.210	1900	1908	1922	rVB2	813389	1288451	45.26%	4.169%
17	14.457	1945	1950	1964	rBV2	205153	532966	18.72%	1.724%
18	15.021	2041	2046	2050	rBV3	22677	29005	1.02%	0.094%
19	15.074	2050	2055	2059	rVB2	50890	58875	2.07%	0.190%
20	15.210	2072	2078	2088	rBV	1407005	2070895	72.75%	6.700%
21	15.363	2098	2104	2116	rBV	327531	605739	21.28%	1.960%
22	15.463	2116	2121	2127	rVB9	22648	60417	2.12%	0.195%
23	15.939	2197	2202	2204	rBV2	44037	54808	1.93%	0.177%
24	16.621	2313	2318	2328	rBV	541031	877074	30.81%	2.838%
25	16.727	2333	2336	2340	rBV4	27713	35397	1.24%	0.115%
26	16.968	2371	2377	2384	rBV	1129700	1600165	56.21%	5.177%
27	17.062	2387	2393	2406	rVV	1578355	2330792	81.88%	7.541%
28	17.874	2526	2531	2543	rBV2	158716	291127	10.23%	0.942%
29	18.162	2576	2580	2585	rVB8	18777	28925	1.02%	0.094%
30	19.015	2720	2725	2729	rBV4	31985	47287	1.66%	0.153%
31	19.162	2745	2750	2756	rBV3	97210	151028	5.31%	0.489%
32	19.368	2780	2785	2793	rBV	1917861	2699731	94.84%	8.735%
33	19.427	2793	2795	2799	rVB3	29233	31339	1.10%	0.101%
34	20.892	3039	3044	3053	rBV	293110	452826	15.91%	1.465%

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35	21.174	3087	3092	3102	rBV	1436571	1970973	69.24%	6.377%
36	23.215	3432	3439	3449	rBV	1579428	2846575	100.00%	9.210%
37	23.350	3456	3462	3476	rVB	905682	1842558	64.73%	5.961%

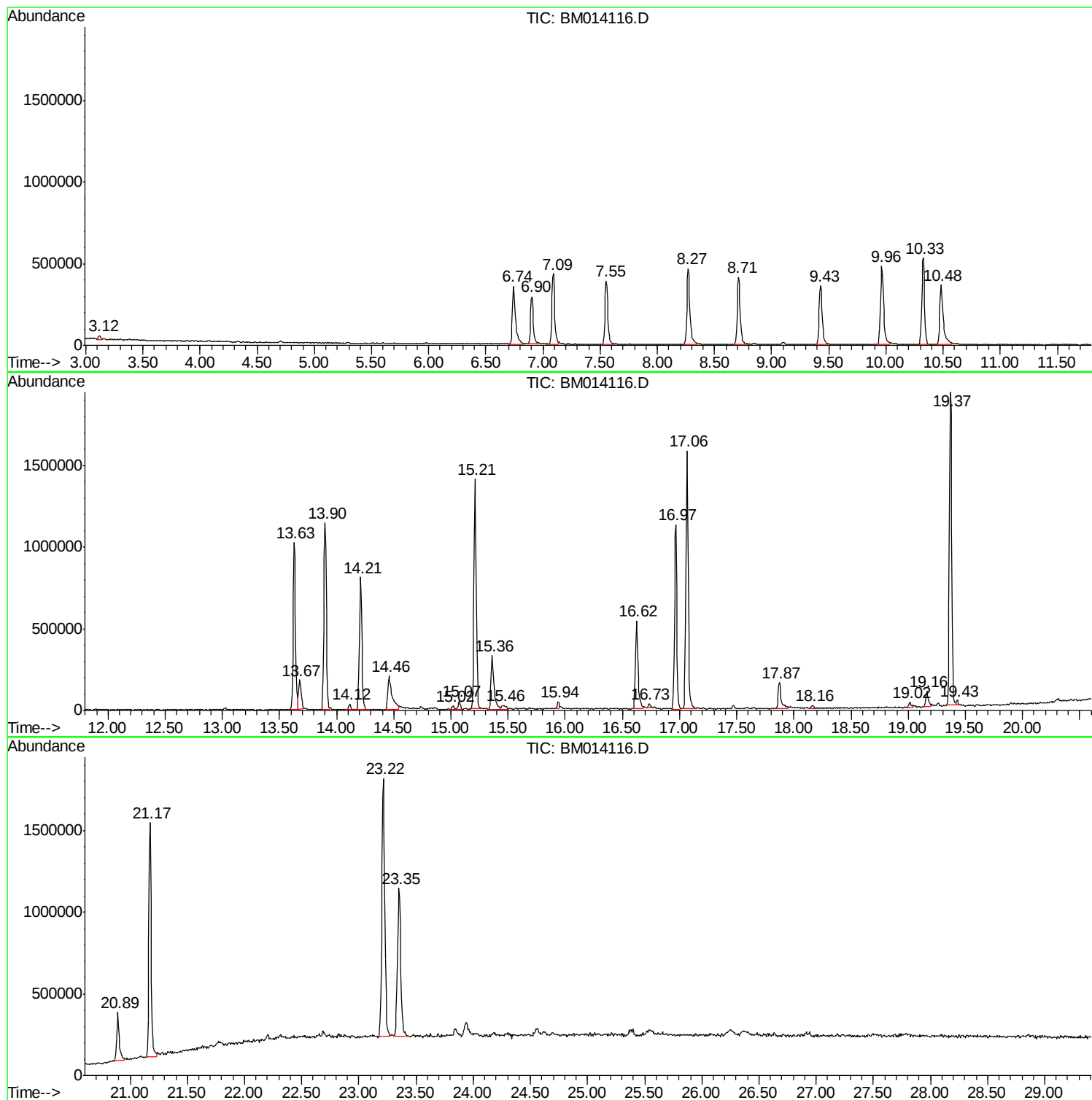
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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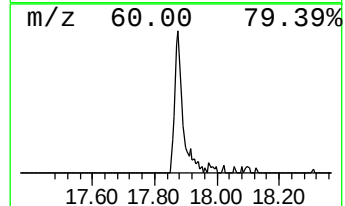
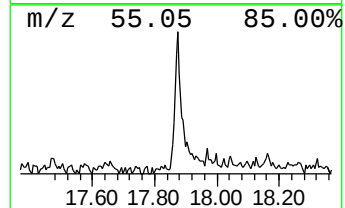
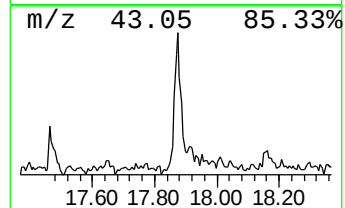
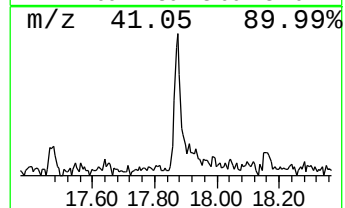
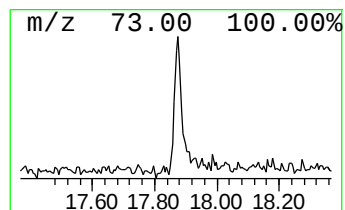
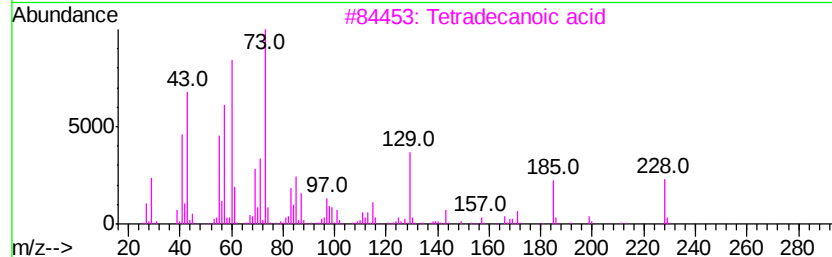
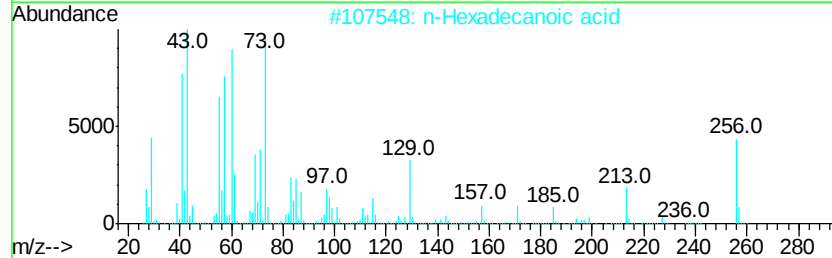
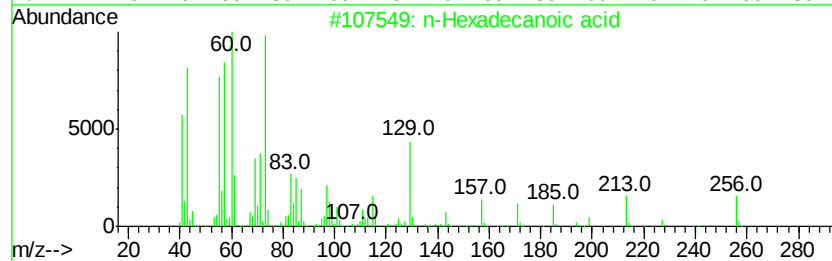
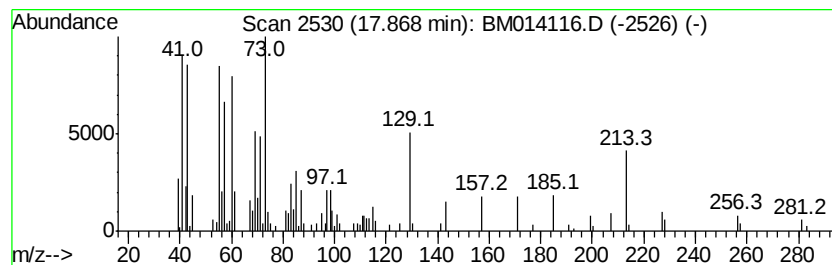
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	3.64 ng/ul	291127	Phenanthrene-d10	16.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	



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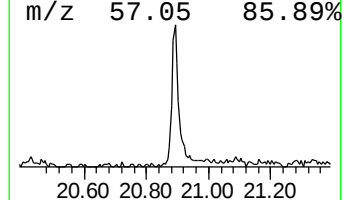
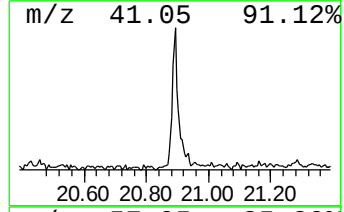
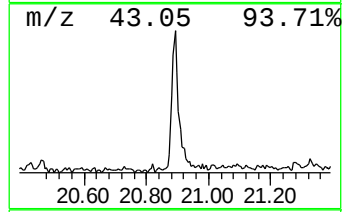
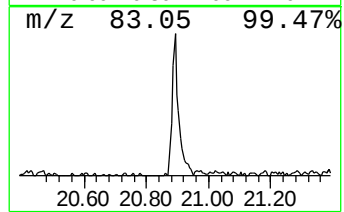
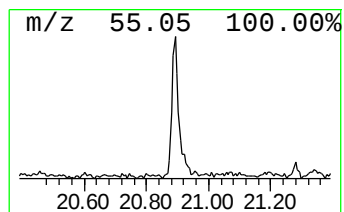
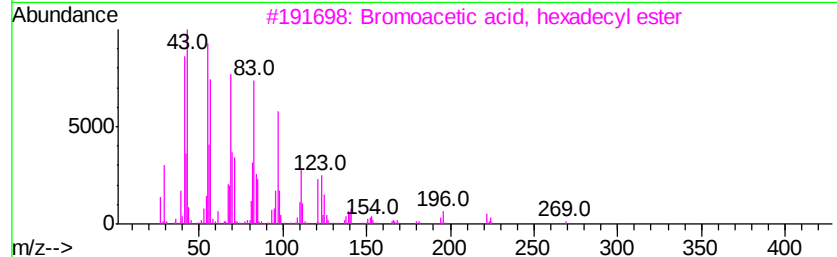
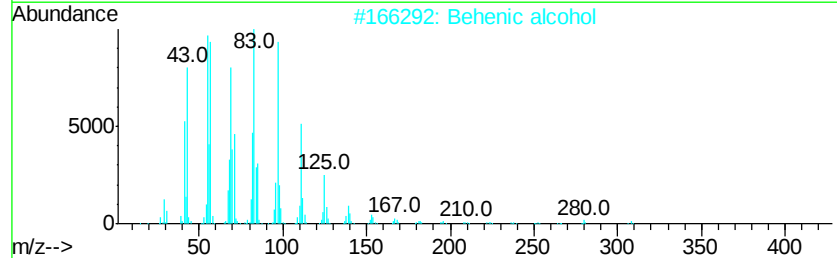
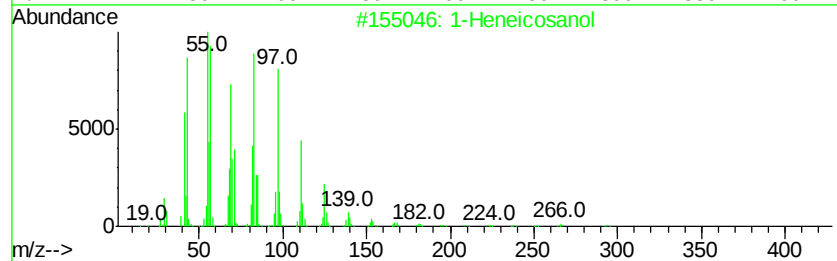
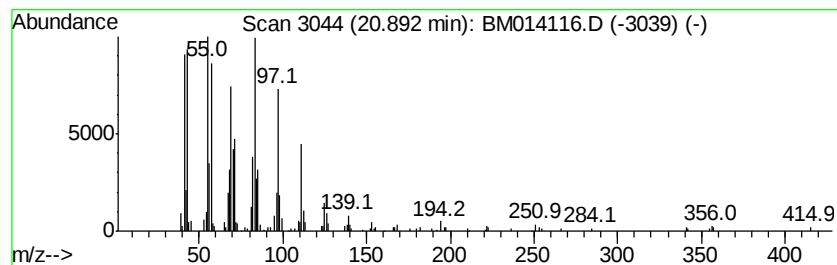
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.59 ng/ul	452826	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	94
2	Behenic alcohol		326	C22H46O	000661-19-8	94
3	Bromoacetic acid, hexadecyl ester		362	C18H35BrO2	005454-48-8	91
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	91
5	n-Nonadecanol-1		284	C19H40O	001454-84-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.6	ng/ul	291127	4	16.97	1600170	20.0
1-Heneicosanol	20.89	4.6	ng/ul	452826	5	21.17	1970970	20.0