

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014143.D
 Acq On : 03 Feb 2018 08:52
 Operator : SJ/JU
 Sample : J1355-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D58

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	6.740	632	638	654	rBV2	325868	721043	27.92%	2.579%
2	6.899	660	665	678	rVB	258832	419368	16.24%	1.500%
3	7.087	691	697	712	rBV	393795	642832	24.89%	2.299%
4	7.551	768	776	790	rBV	386377	659960	25.56%	2.361%
5	8.269	891	898	918	rBV	414666	788138	30.52%	2.819%
6	8.710	967	973	989	rBV	374437	678984	26.29%	2.429%
7	9.098	1031	1039	1044	rBV4	23310	35227	1.36%	0.126%
8	9.428	1088	1095	1111	rBB2	312300	599413	23.21%	2.144%
9	9.963	1180	1186	1207	rBV2	403328	845090	32.73%	3.023%
10	10.322	1240	1247	1255	rBV	545837	907368	35.14%	3.246%
11	10.481	1267	1274	1286	rBV2	326241	732883	28.38%	2.621%
12	13.627	1803	1809	1814	rBV	938006	1323644	51.26%	4.735%
13	13.675	1814	1817	1824	rVB	163566	265011	10.26%	0.948%
14	13.898	1844	1855	1865	rBV	1027200	1580806	61.22%	5.654%
15	14.110	1884	1891	1896	rBV3	44199	64406	2.49%	0.230%
16	14.204	1900	1907	1916	rBV2	790773	1259873	48.79%	4.506%
17	14.463	1945	1951	1965	rBV2	155817	467273	18.09%	1.671%
18	15.069	2049	2054	2059	rVV3	64090	76079	2.95%	0.272%
19	15.210	2072	2078	2091	rVB	1310694	1920162	74.36%	6.868%
20	15.357	2098	2103	2115	rBV2	246358	455413	17.64%	1.629%
21	15.457	2115	2120	2128	rVB9	20589	56542	2.19%	0.202%
22	15.933	2196	2201	2208	rBV2	61531	105466	4.08%	0.377%
23	16.727	2329	2336	2339	rBV5	30003	41025	1.59%	0.147%
24	16.963	2369	2376	2385	rBV	1128514	1560325	60.42%	5.581%
25	17.063	2385	2393	2404	rBV2	1461632	2125759	82.32%	7.604%
26	17.868	2524	2530	2541	rBV2	163752	306443	11.87%	1.096%
27	19.015	2721	2725	2727	rBV3	24021	33317	1.29%	0.119%
28	19.162	2745	2750	2760	rBV4	98017	181310	7.02%	0.649%
29	19.257	2763	2766	2771	rVB6	14594	27242	1.05%	0.097%
30	19.368	2779	2785	2793	rBV	1801673	2519528	97.57%	9.012%
31	20.315	2940	2946	2949	rBV7	21229	39794	1.54%	0.142%
32	20.886	3039	3043	3051	rVB4	137470	229283	8.88%	0.820%
33	21.168	3086	3091	3103	rBV	1407496	1957916	75.82%	7.003%
34	23.209	3432	3438	3447	rVB2	1438684	2582333	100.00%	9.237%

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Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	23.344	3455	3461	3470	rVB2	892371	1747721	67.68%	6.251%
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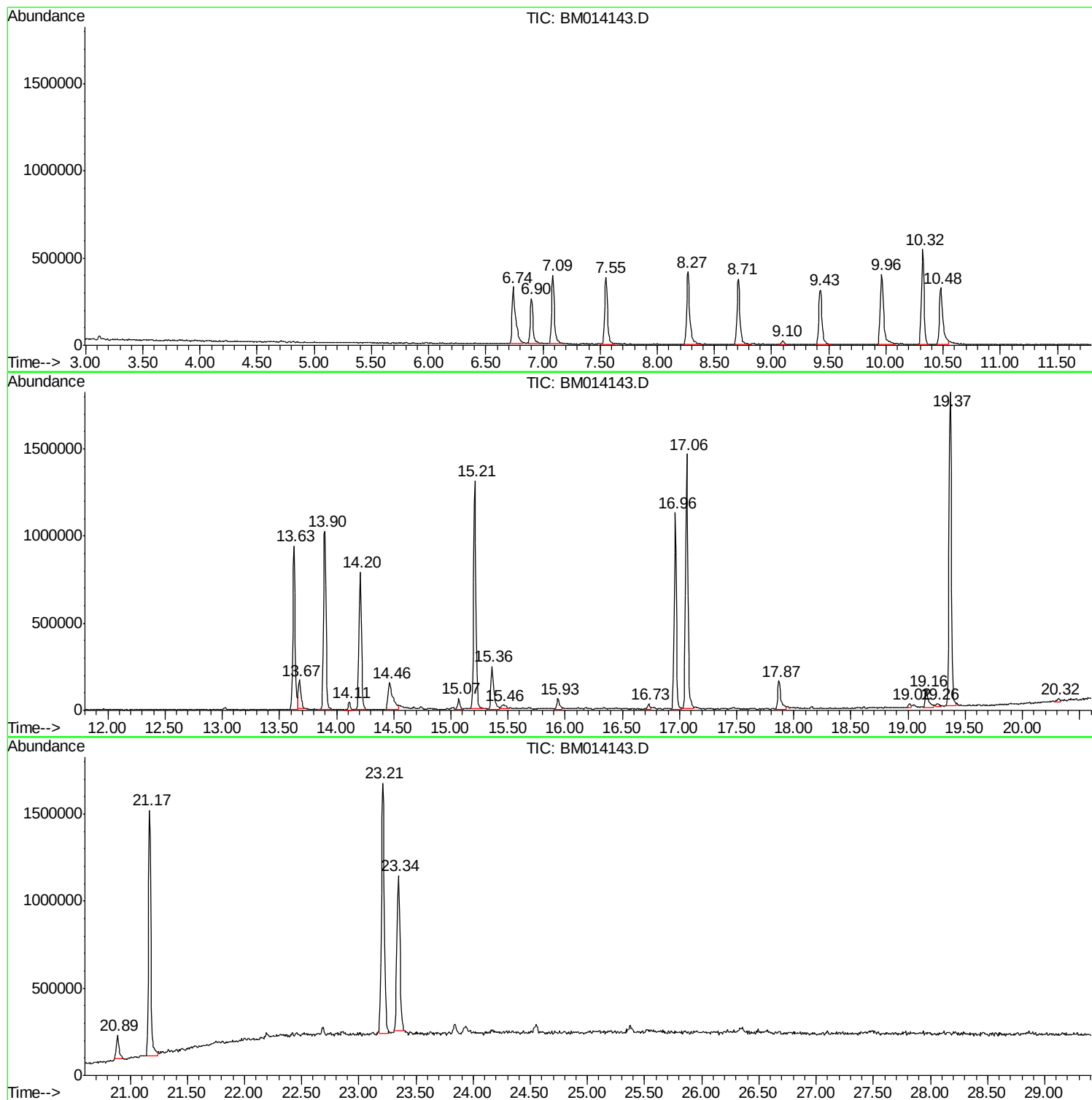
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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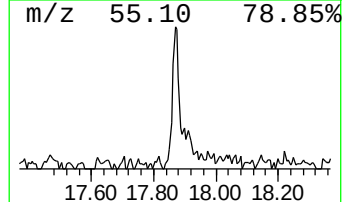
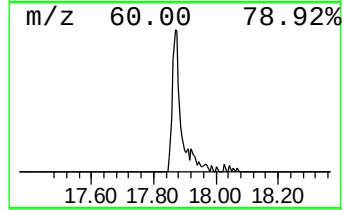
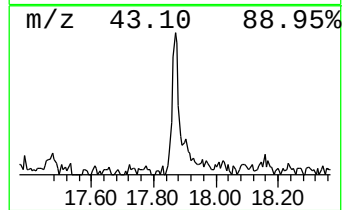
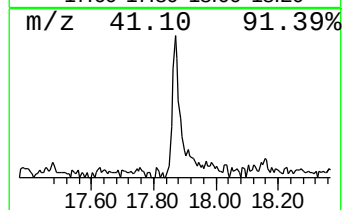
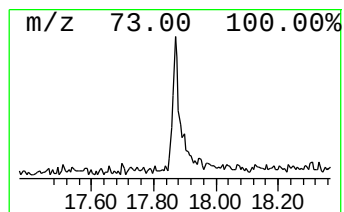
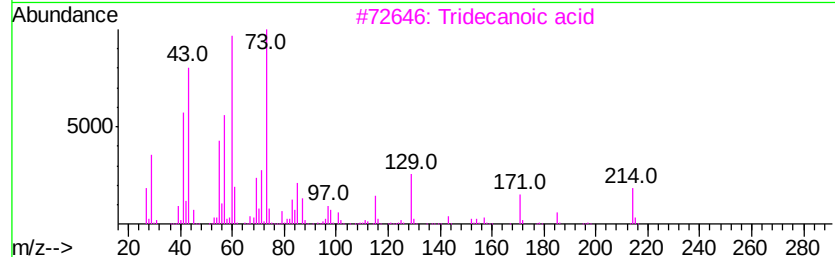
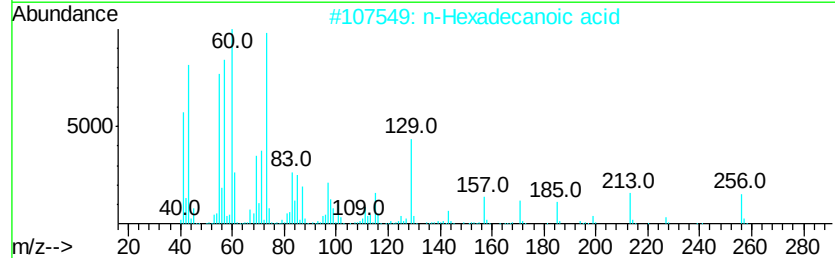
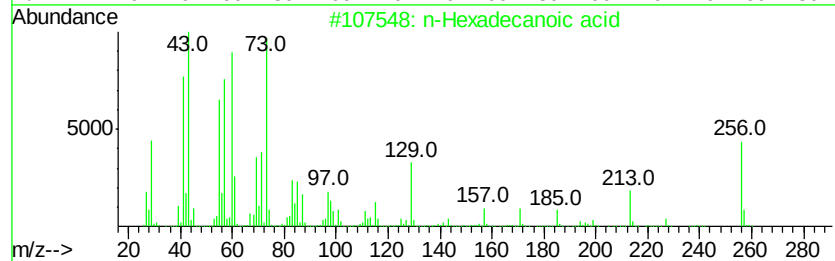
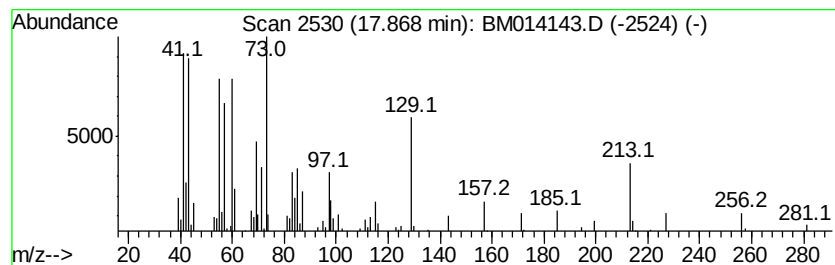
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.87	3.93 ng/ul	306443	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74



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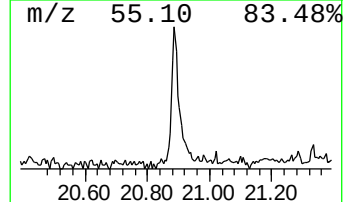
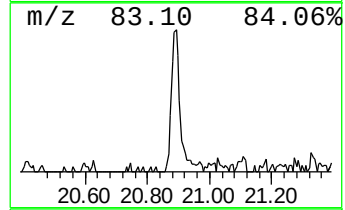
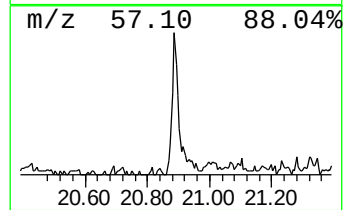
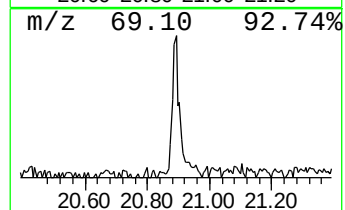
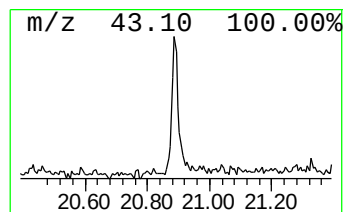
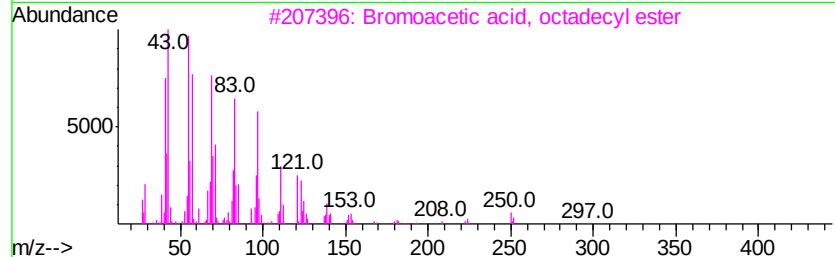
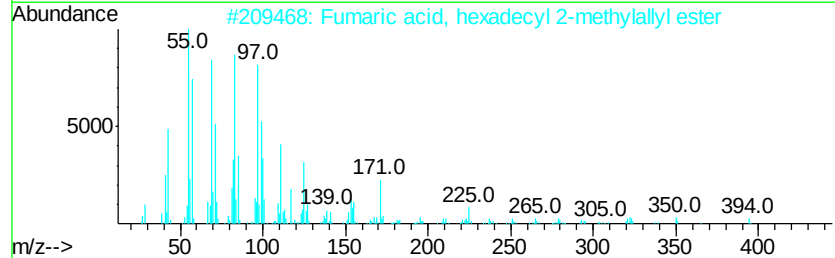
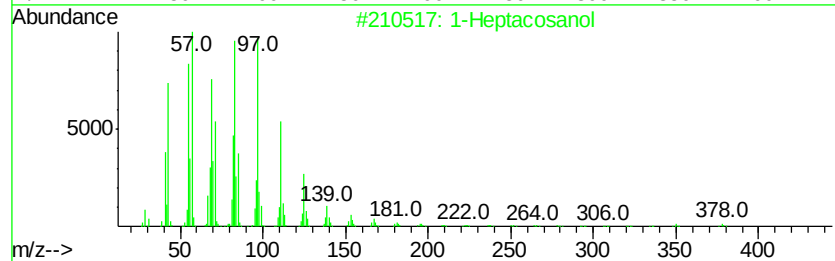
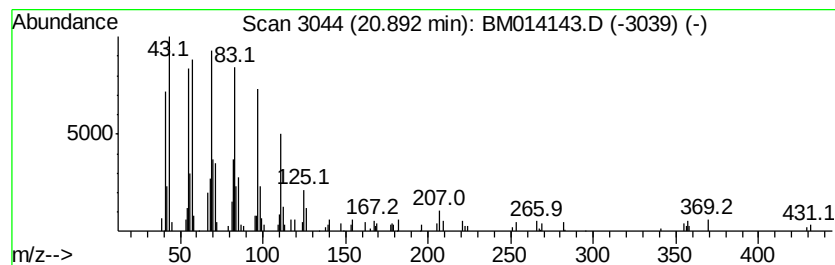
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Peak Number 2 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.34 ng/ul	229283	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol		396 C27H56O	002004-39-9 91
2	Fumaric acid, hexadecyl 2-methyl...		394 C24H42O4	1000330-55-5 86
3	Bromoacetic acid, octadecyl ester		390 C20H39BrO2	018992-03-5 74
4	Bromoacetic acid, hexadecyl ester		362 C18H35BrO2	005454-48-8 72
5	Trichloroacetic acid, dodecyl ester		330 C14H25Cl3O2	074339-50-7 68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.9	ng/ul	306443	4	16.96	1560330	20.0
1-Heptacosanol	20.89	2.3	ng/ul	229283	5	21.17	1957920	20.0