

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027375.D
 Acq On : 10 Sep 2020 15:59
 Operator : JU/CG
 Sample : L3855-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW275

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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	3.134	22	25	30	rVB	16973	21880	0.69%	0.068%
2	3.540	92	94	98	rVB4	7560	7756	0.25%	0.024%
3	3.628	106	109	114	rBV	24237	30252	0.96%	0.094%
4	3.757	127	131	136	rVB	33619	48568	1.54%	0.151%
5	3.840	143	145	149	rVB3	6974	8619	0.27%	0.027%
6	4.734	293	297	302	rVB2	21937	31744	1.01%	0.099%
7	6.281	556	560	565	rVB4	12744	18231	0.58%	0.057%
8	6.575	607	610	613	rVB5	4857	3945	0.13%	0.012%
9	6.751	631	640	654	rVB	322928	546434	17.32%	1.702%
10	6.910	659	667	676	rBV	280175	453858	14.38%	1.413%
11	7.022	682	686	689	rVB4	5913	7806	0.25%	0.024%
12	7.104	694	700	710	rVB	347745	540407	17.13%	1.683%
13	7.210	716	718	724	rVB7	4666	7548	0.24%	0.024%
14	7.257	724	726	730	rBV5	3131	3666	0.12%	0.011%
15	7.569	772	779	787	rBV	568814	893701	28.33%	2.783%
16	8.275	891	899	912	rBV	351526	568123	18.01%	1.769%
17	8.381	912	917	923	rVV2	15761	27447	0.87%	0.085%
18	8.710	965	973	981	rBV	346316	571523	18.11%	1.780%
19	9.181	1049	1053	1059	rVB4	3875	5134	0.16%	0.016%
20	9.428	1086	1095	1104	rBV	297369	490279	15.54%	1.527%
21	9.757	1147	1151	1154	rBV6	2101	3169	0.10%	0.010%
22	9.963	1180	1186	1202	rBV	431337	728272	23.08%	2.268%
23	10.216	1223	1229	1235	rBV6	4731	9766	0.31%	0.030%
24	10.333	1241	1249	1260	rBV	812513	1278143	40.51%	3.980%
25	10.475	1266	1273	1287	rBV	310949	571321	18.11%	1.779%
26	11.816	1495	1501	1507	rBV2	21973	38621	1.22%	0.120%
27	11.939	1516	1522	1527	rVB2	6058	11632	0.37%	0.036%
28	12.569	1624	1629	1632	rBV4	2280	3286	0.10%	0.010%
29	12.821	1668	1672	1675	rVB4	2184	3632	0.12%	0.011%
30	13.121	1716	1723	1728	rVV4	5989	9209	0.29%	0.029%
31	13.627	1801	1809	1813	rBV	966376	1324785	41.99%	4.126%
32	13.674	1813	1817	1823	rVV	211212	297543	9.43%	0.927%
33	13.898	1848	1855	1868	rBV	916972	1332799	42.24%	4.150%
34	14.210	1901	1908	1916	rVV	1358075	1931717	61.23%	6.016%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Title : SVOA CALIBRATION

35	14.321	1924	1927	1933	rVB4	5426	7280	0.23%	0.023%
36	14.416	1938	1943	1957	rBV	274357	470527	14.91%	1.465%
37	14.574	1967	1970	1971	rBV3	4135	4841	0.15%	0.015%
38	14.657	1980	1984	1987	rBV5	6940	10502	0.33%	0.033%
39	15.045	2045	2050	2052	rBV5	3675	5240	0.17%	0.016%
40	15.104	2057	2060	2064	rBV4	3343	5114	0.16%	0.016%
41	15.204	2071	2077	2087	rBV	1265263	1779424	56.40%	5.541%
42	15.327	2093	2098	2109	rBV	372822	535546	16.97%	1.668%
43	15.445	2114	2118	2122	rVB2	14320	18289	0.58%	0.057%
44	15.557	2132	2137	2140	rBV5	12898	15886	0.50%	0.049%
45	15.957	2201	2205	2208	rBV4	7514	10175	0.32%	0.032%
46	15.992	2208	2211	2216	rVB6	7093	10035	0.32%	0.031%
47	16.110	2229	2231	2234	rBV4	3063	4304	0.14%	0.013%
48	16.509	2295	2299	2305	rVB2	15885	20333	0.64%	0.063%
49	16.598	2309	2314	2315	rBV5	2197	3429	0.11%	0.011%
50	16.739	2335	2338	2345	rVV6	8897	16078	0.51%	0.050%
51	16.880	2359	2362	2366	rBV5	4294	5982	0.19%	0.019%
52	16.957	2368	2375	2385	rVV	1731491	2443297	77.44%	7.609%
53	17.051	2385	2391	2405	rBV	1372468	1871928	59.33%	5.829%
54	17.486	2462	2465	2471	rVB8	4562	6258	0.20%	0.019%
55	17.756	2505	2511	2514	rBV7	6748	12680	0.40%	0.039%
56	17.880	2527	2532	2539	rBV	241584	354527	11.24%	1.104%
57	18.439	2623	2627	2628	rBV3	7298	7217	0.23%	0.022%
58	18.986	2716	2720	2723	rBV2	19902	33982	1.08%	0.106%
59	19.021	2723	2726	2728	rVB3	14274	18225	0.58%	0.057%
60	19.168	2746	2751	2756	rBV	161297	225522	7.15%	0.702%
61	19.356	2777	2783	2790	rBV	1828737	2453192	77.75%	7.639%
62	19.439	2795	2797	2800	rVB3	14688	13100	0.42%	0.041%
63	19.509	2807	2809	2815	rVB4	20993	23907	0.76%	0.074%
64	19.939	2880	2882	2886	rVB4	25506	29234	0.93%	0.091%
65	20.462	2967	2971	2975	rVB	283429	332076	10.53%	1.034%
66	20.897	3041	3045	3050	rBV	429602	530176	16.80%	1.651%
67	21.156	3084	3089	3099	rBV	2584796	3155086	100.00%	9.825%
68	21.344	3118	3121	3126	rBV3	76138	86630	2.75%	0.270%
69	21.780	3190	3195	3201	rBV3	296384	460939	14.61%	1.435%
70	22.709	3350	3353	3357	rBV	162052	192500	6.10%	0.599%
71	23.191	3429	3435	3442	rBV	1311494	2218433	70.31%	6.908%

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Sampling : 1 Min Area: 0.1 % of largest Peak
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72	23.327	3452	3458	3468	rVB	1631721	2889267	91.57%	8.997%
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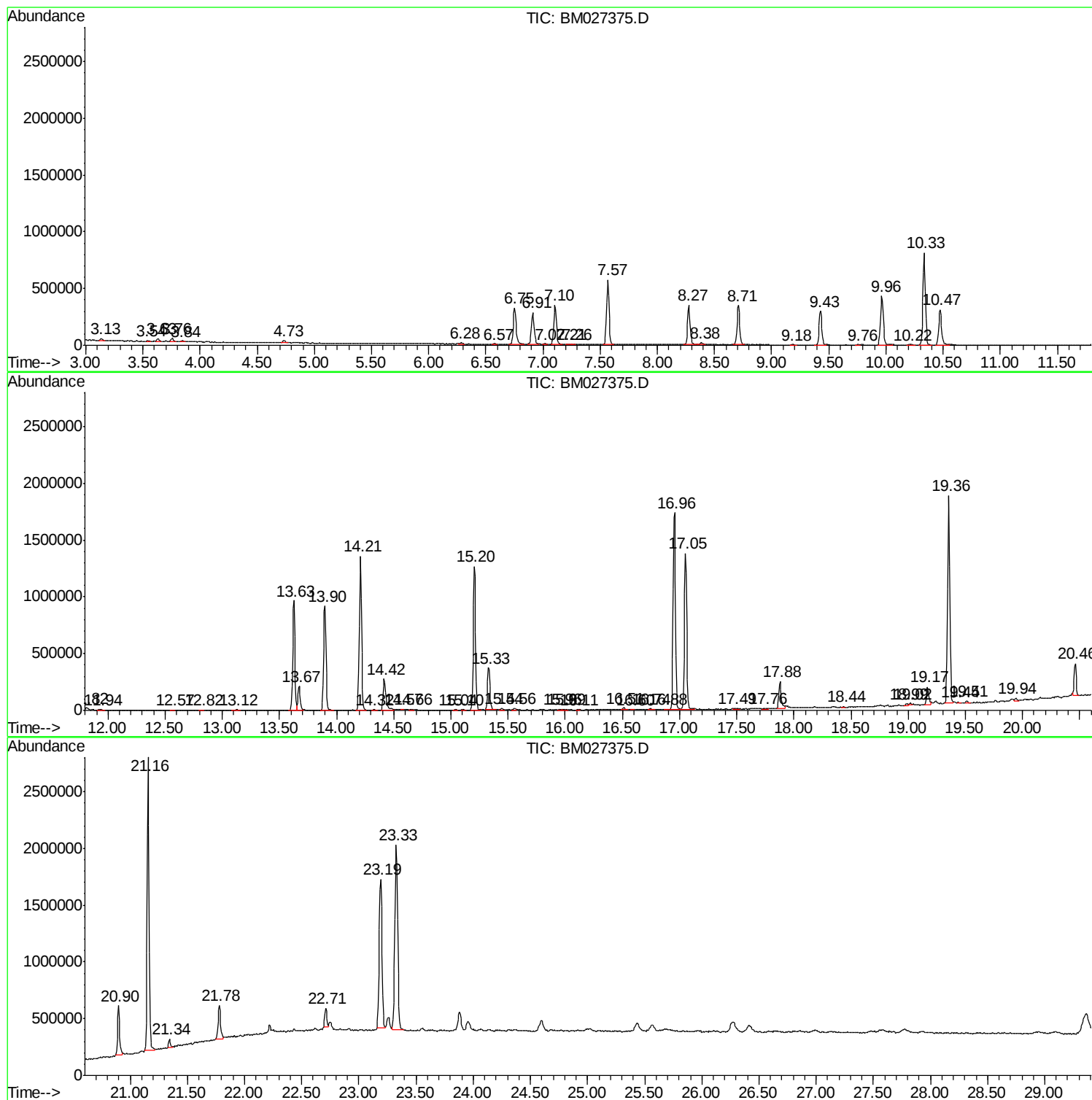
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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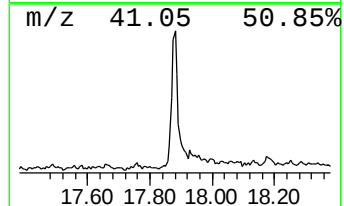
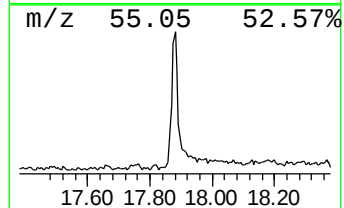
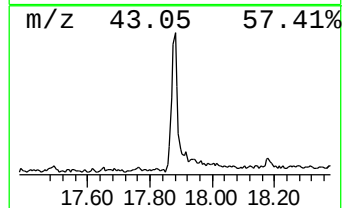
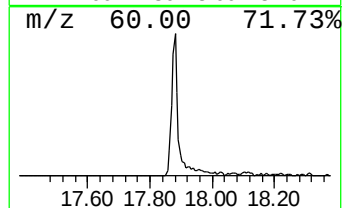
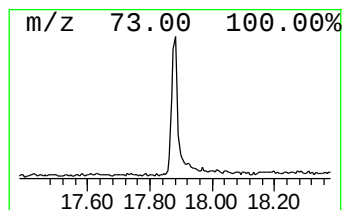
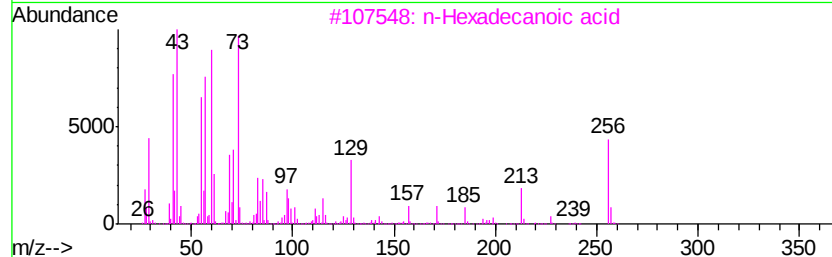
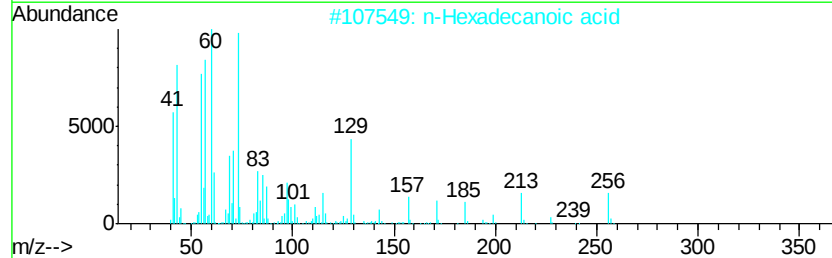
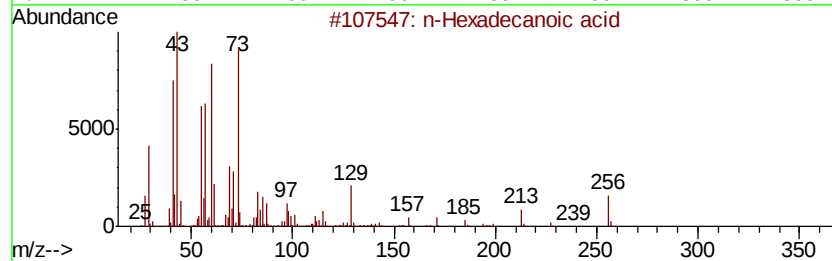
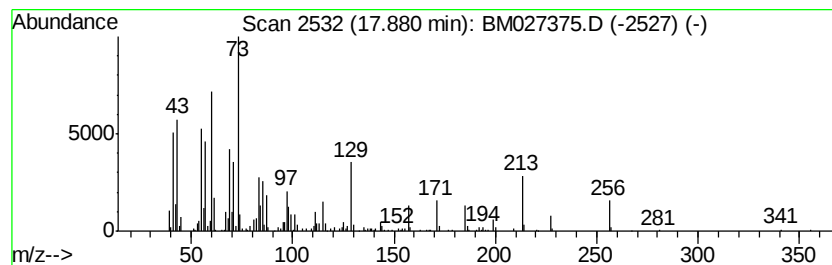
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	2.90 ng/ul	354527	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	



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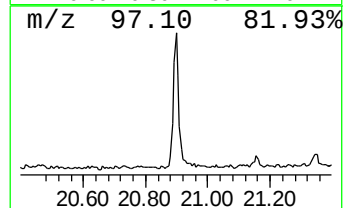
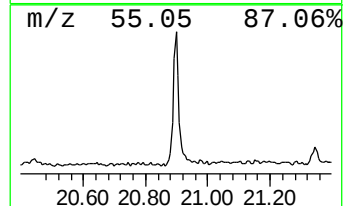
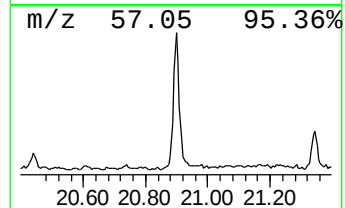
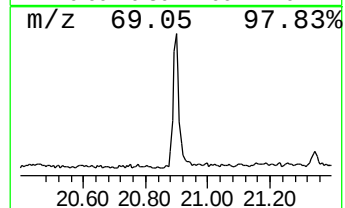
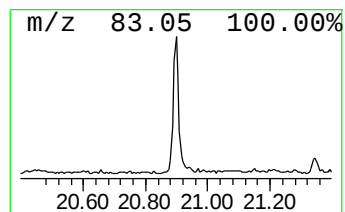
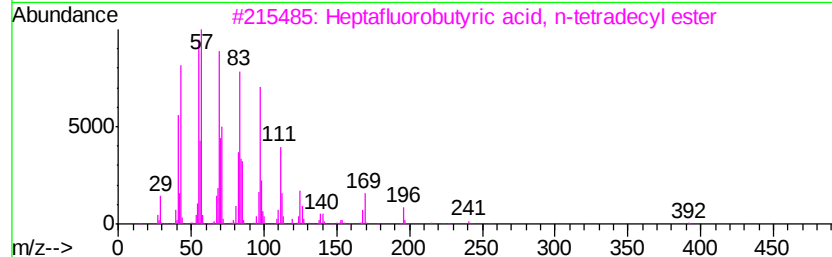
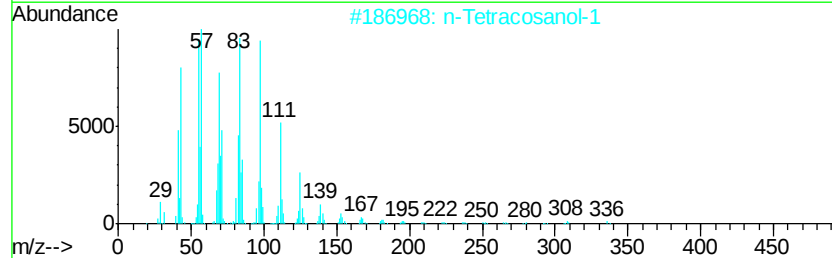
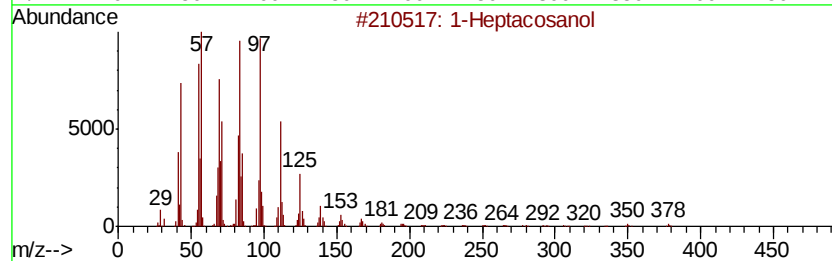
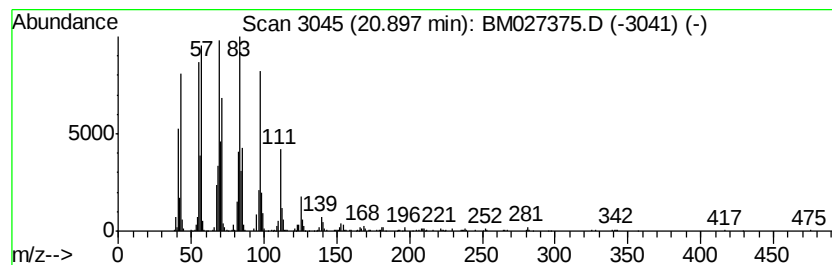
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.36 ng/ul	530176	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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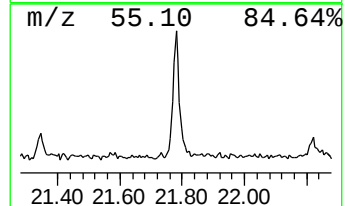
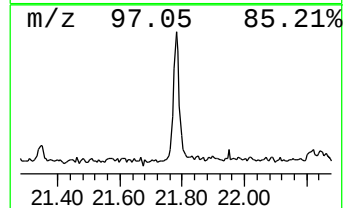
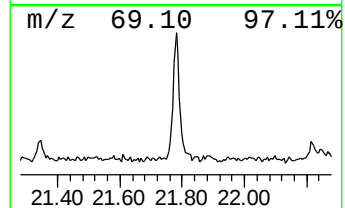
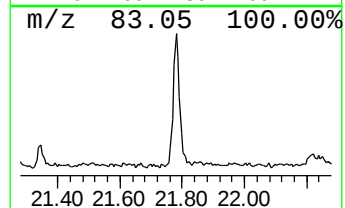
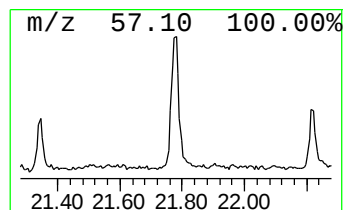
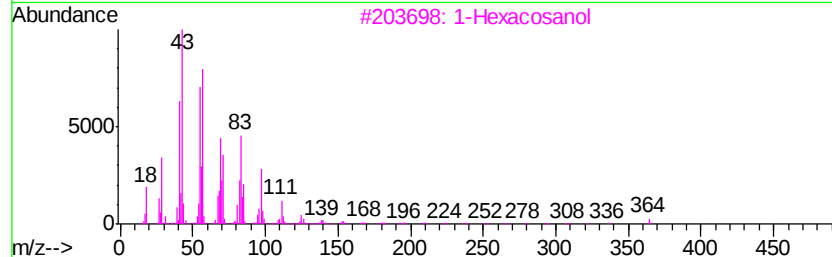
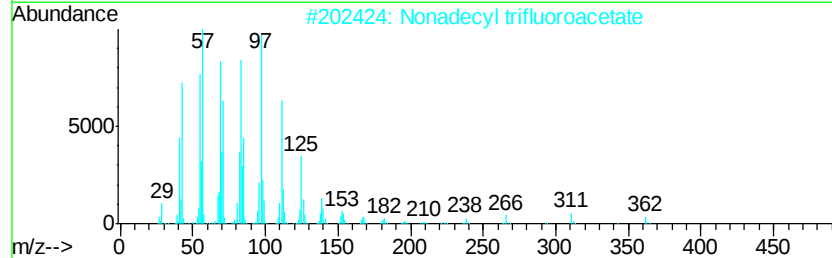
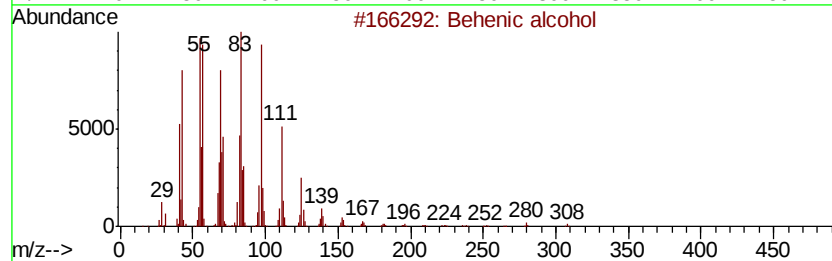
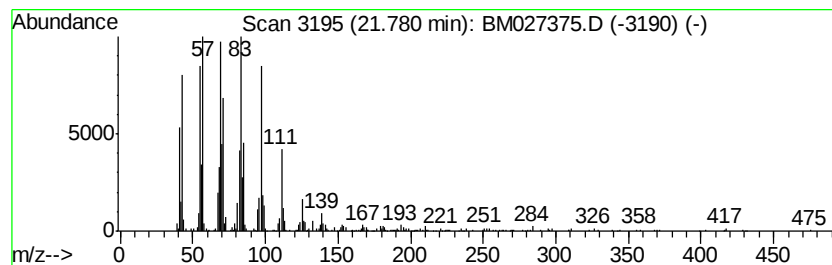
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	2.92 ng/ul	460939	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	91
2		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3		1-Hexacosanol	382	C26H54O	000506-52-5	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	90



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	2.9	ng/ul	354527	4	16.96	2443300	20.0
1-Heptacosanol	20.90	3.4	ng/ul	530176	5	21.16	3155090	20.0
Behenic alcohol	21.78	2.9	ng/ul	460939	5	21.16	3155090	20.0