

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
 Data File : BM020386.D
 Acq On : 18 May 2019 05:10
 Operator : JU/SJ
 Sample : K2633-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJA6

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-BM051619MA.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	3.222	38	40	48	rVB	25242	36251	1.69%	0.198%
2	6.898	659	665	683	rVB	286168	520131	24.26%	2.839%
3	7.075	689	695	706	rBV	216833	370400	17.28%	2.022%
4	7.263	720	727	740	rVB	307790	526260	24.54%	2.873%
5	7.728	801	806	815	rBV	196870	325614	15.19%	1.777%
6	8.433	920	926	937	rBV	333644	563493	26.28%	3.076%
7	8.898	998	1005	1018	rBV	273888	477784	22.28%	2.608%
8	9.245	1060	1064	1069	rBV3	3000	4298	0.20%	0.023%
9	9.616	1120	1127	1137	rBV	209586	370296	17.27%	2.021%
10	10.145	1210	1217	1230	rBV	335078	601978	28.08%	3.286%
11	10.522	1274	1281	1288	rBV	260227	421262	19.65%	2.299%
12	10.669	1300	1306	1324	rBV	247161	513640	23.96%	2.804%
13	12.121	1549	1553	1559	rVB2	2386	4039	0.19%	0.022%
14	13.792	1831	1837	1842	rBV	676196	917216	42.78%	5.007%
15	13.839	1842	1845	1853	rVB	170703	234339	10.93%	1.279%
16	14.074	1878	1885	1896	rBV	759525	1094244	51.03%	5.973%
17	14.380	1930	1937	1946	rBV2	366891	556014	25.93%	3.035%
18	14.598	1968	1974	1991	rBV	119831	264690	12.34%	1.445%
19	15.374	2100	2106	2122	rBV	961845	1366987	63.76%	7.462%
20	15.504	2123	2128	2137	rVB	220478	291396	13.59%	1.591%
21	15.609	2142	2146	2151	rVB3	6175	8626	0.40%	0.047%
22	16.157	2237	2239	2244	rBV2	2385	2622	0.12%	0.014%
23	17.133	2398	2405	2415	rBV	482629	694455	32.39%	3.791%
24	17.233	2415	2422	2443	rVB	1004137	1500235	69.97%	8.189%
25	18.015	2551	2555	2571	rVV2	79139	126836	5.92%	0.692%
26	18.309	2601	2605	2610	rVV4	4240	5933	0.28%	0.032%
27	18.827	2689	2693	2695	rBV5	2616	4455	0.21%	0.024%
28	18.886	2698	2703	2708	rBV4	3258	6741	0.31%	0.037%
29	18.939	2708	2712	2715	rBV4	5624	8847	0.41%	0.048%
30	19.162	2745	2750	2758	rBV4	14643	31949	1.49%	0.174%
31	19.297	2768	2773	2782	rBV6	27262	48926	2.28%	0.267%
32	19.415	2791	2793	2797	rBV2	7558	7871	0.37%	0.043%
33	19.527	2806	2812	2824	rBV	1385130	1920828	89.59%	10.485%
34	20.062	2899	2903	2907	rVB6	8982	14312	0.67%	0.078%

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35	21.021	3062	3066	3077	rBV2	125675	198434	9.25%	1.083%
36	21.321	3112	3117	3131	rBV	668891	917349	42.78%	5.007%
37	21.456	3137	3140	3143	rBV3	22632	23124	1.08%	0.126%
38	21.886	3210	3213	3219	rBV4	37854	53806	2.51%	0.294%
39	22.868	3376	3380	3384	rVB2	65199	94189	4.39%	0.514%
40	23.444	3471	3478	3488	rBV2	1162904	2144122	100.00%	11.703%
41	23.585	3496	3502	3512	rVB2	483785	913766	42.62%	4.988%
42	24.097	3585	3589	3596	rVB4	73205	132703	6.19%	0.724%

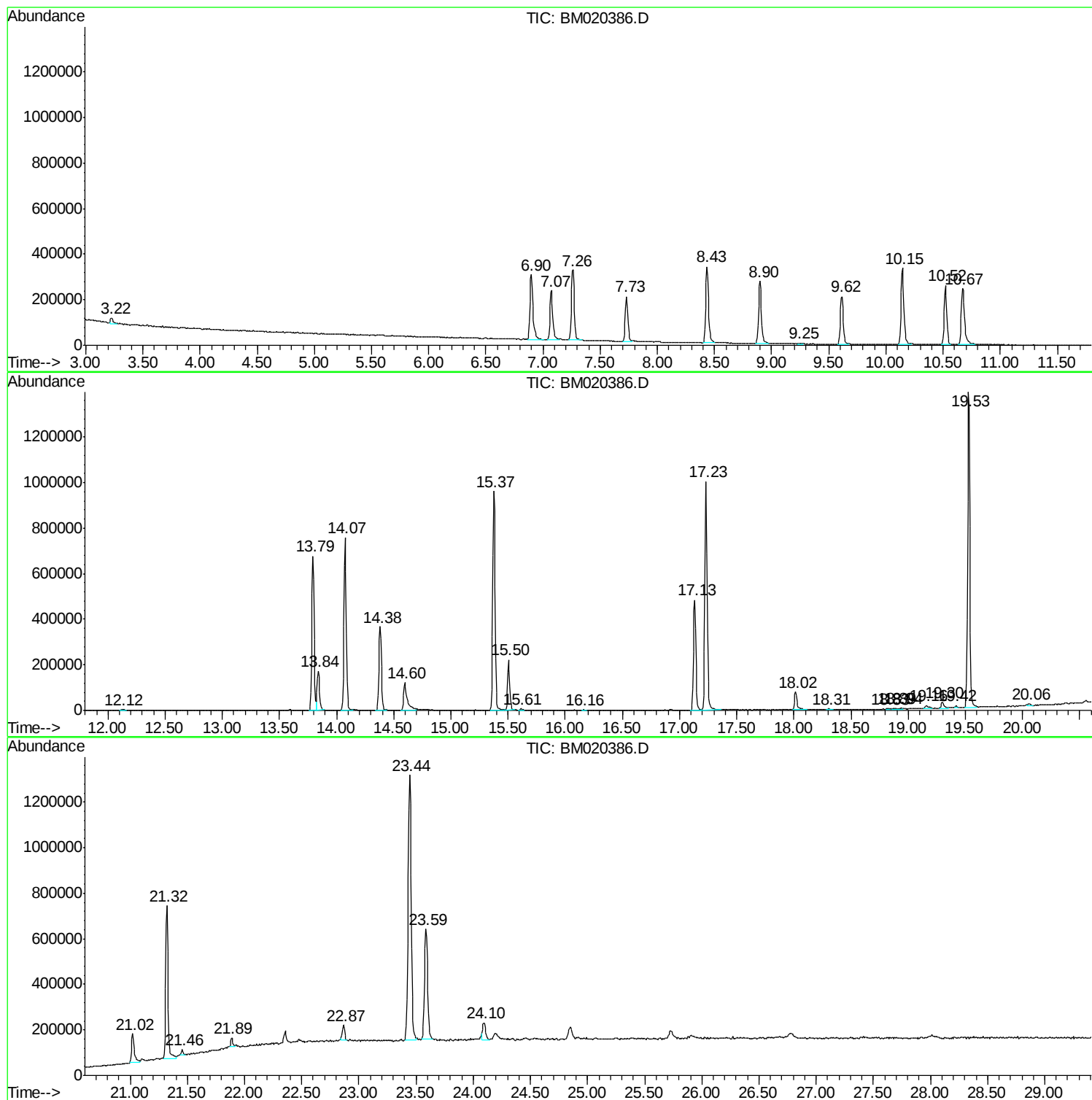
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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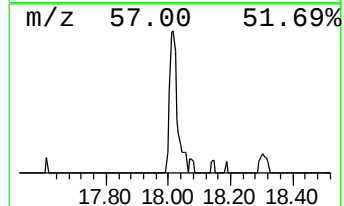
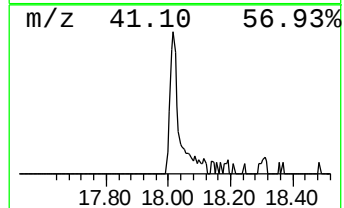
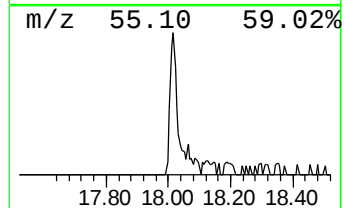
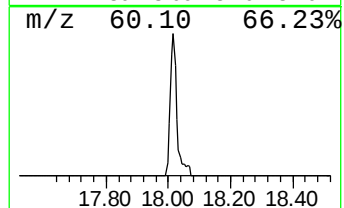
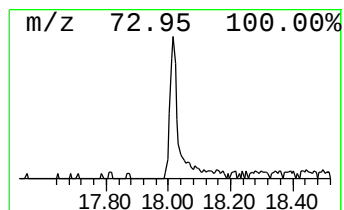
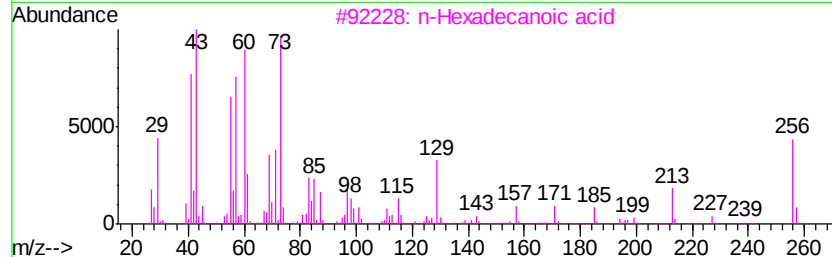
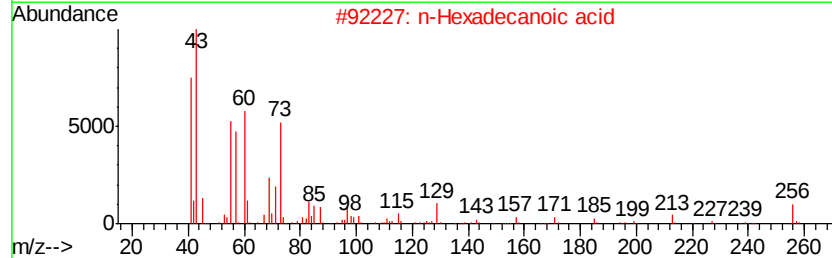
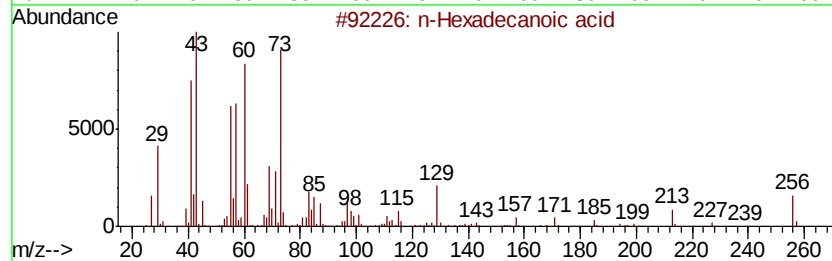
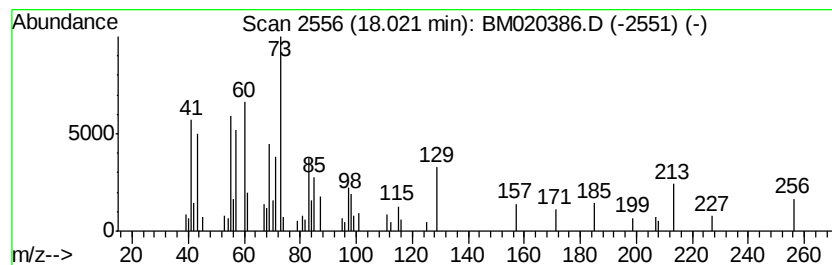
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.65 ng/ul	126836	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	43
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	38



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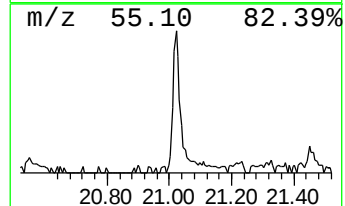
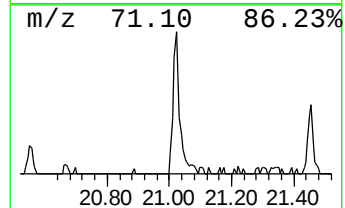
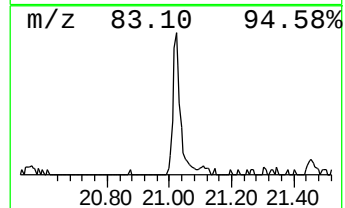
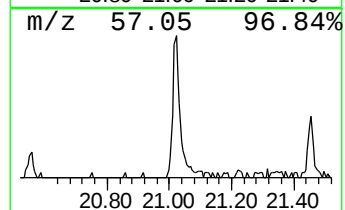
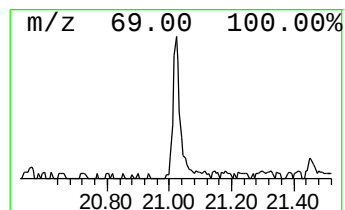
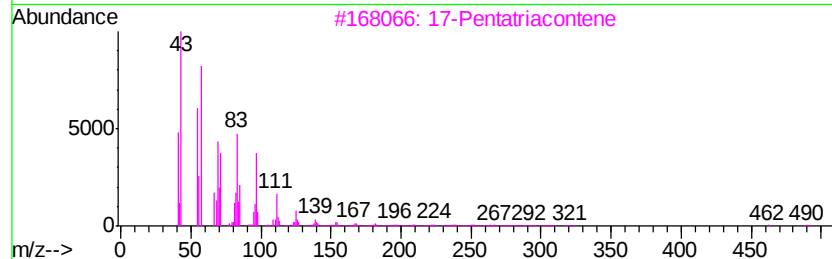
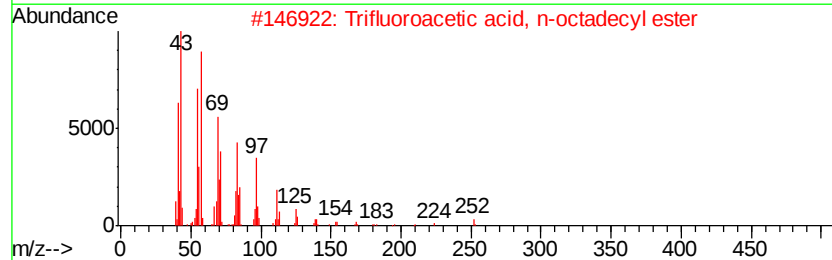
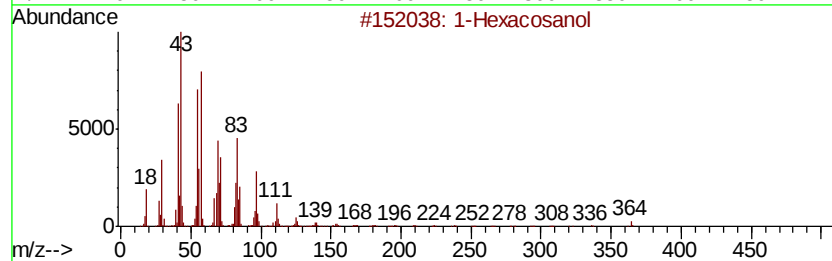
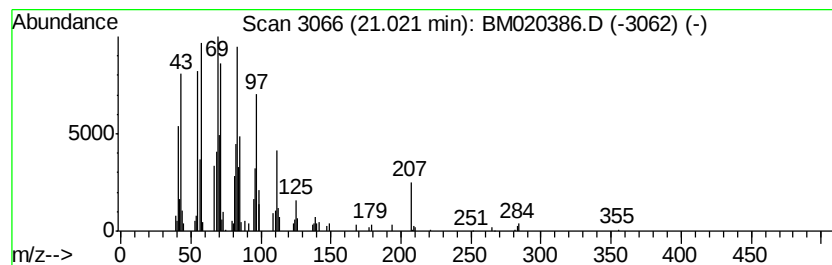
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Peak Number 2 1-Hexacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	4.33 ng/ul	198434	Chrysene-d12	21.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol		382	C26H54O	000506-52-5	91
2	Trifluoroacetic acid, n-octadecy...		366	C20H37F3O2	079392-43-1	87
3	17-Pentatriacontene		491	C35H70	006971-40-0	87
4	1-Tetracosanol		354	C24H50O	000506-51-4	87
5	Heptafluorobutyric acid, n-penta...		424	C19H31F7O2	1000216-79-3	83



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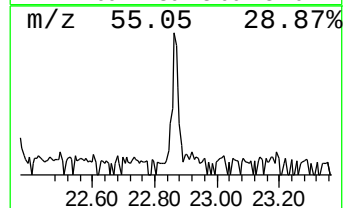
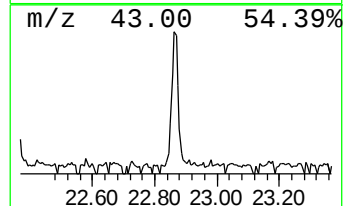
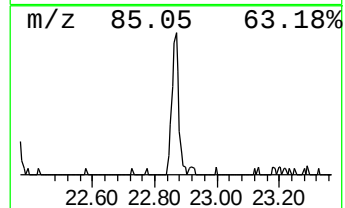
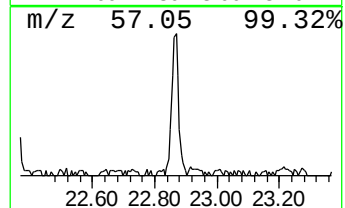
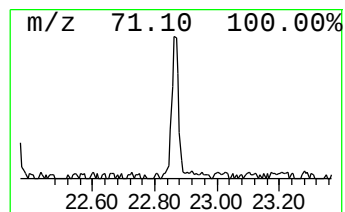
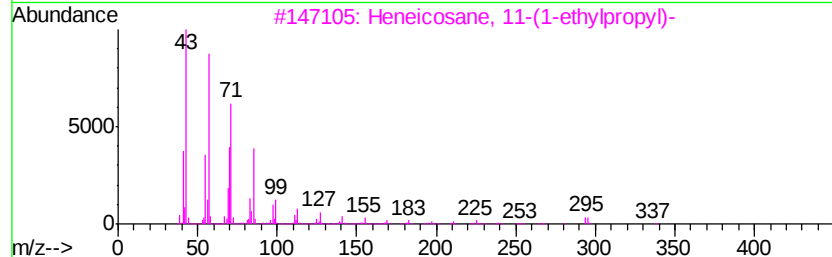
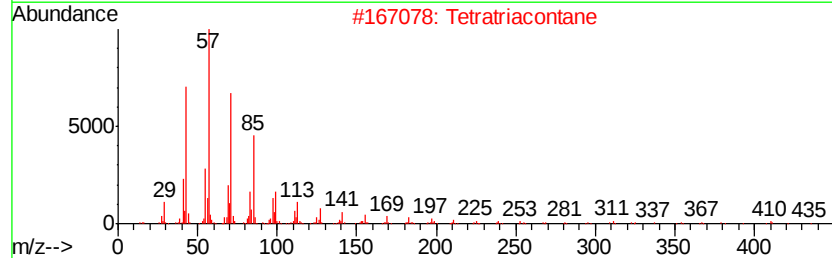
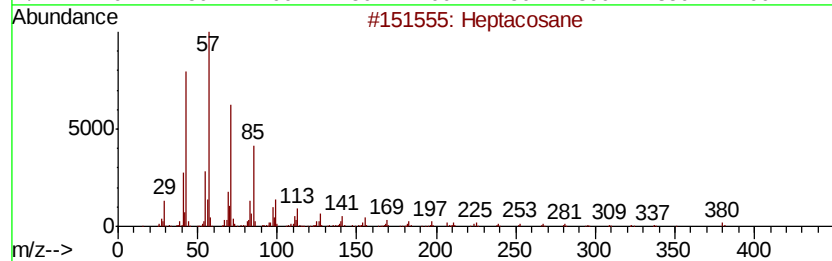
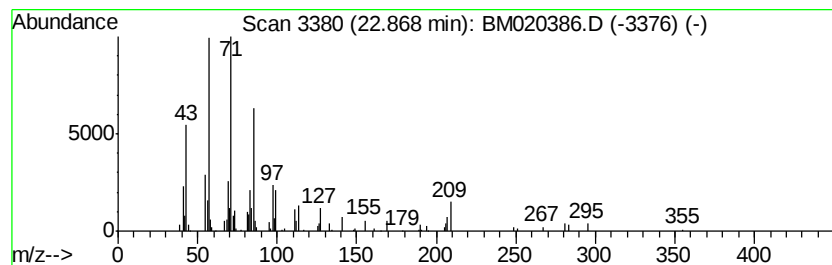
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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 Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.06 ng/ul	94189	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	83
2		Tetratriacontane	479	C34H70	014167-59-0	81
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
4		Hexatriacontane	507	C36H74	000630-06-8	80
5		Tetracosane	338	C24H50	000646-31-1	80



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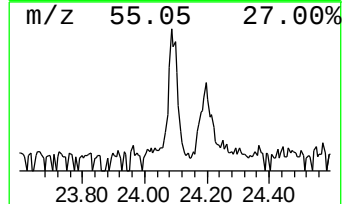
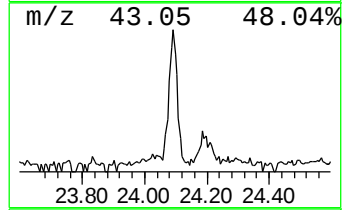
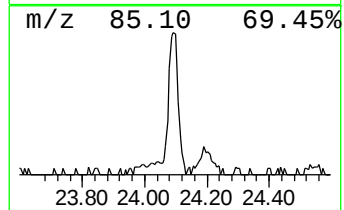
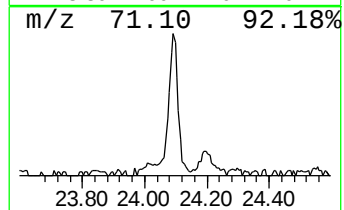
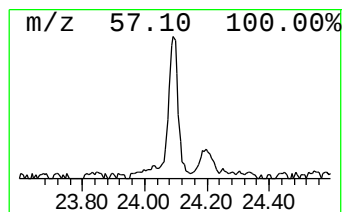
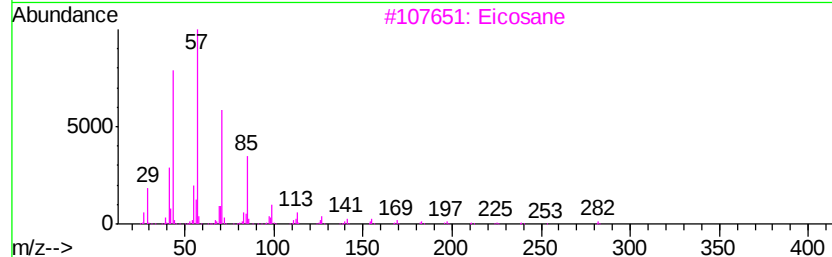
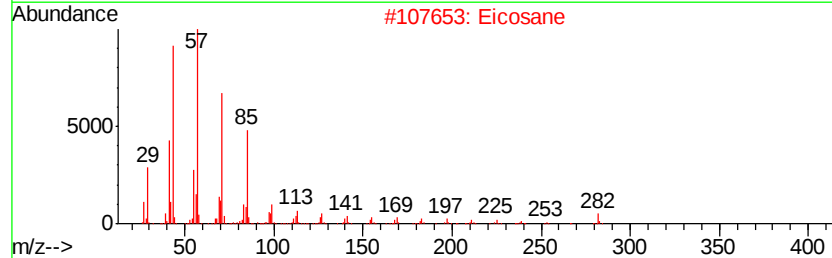
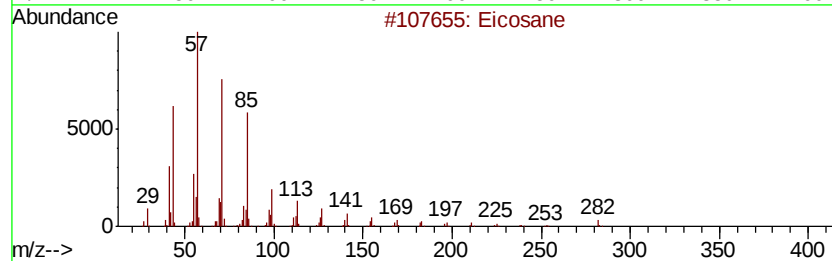
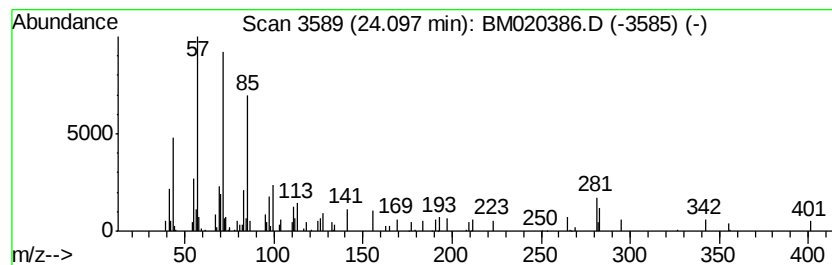
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.90 ng/ul	132703	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	86
3		Eicosane	282	C20H42	000112-95-8	86
4		Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	72
5		Hentriacontane	437	C31H64	000630-04-6	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.02	3.6	ng/ul	126836	4	17.13	694455	20.0
1-Hexacosanol	21.02	4.3	ng/ul	198434	5	21.32	917349	20.0
(DEL) Alkane: Str...	22.87	2.1	ng/ul	94189	6	23.59	913766	20.0
(DEL) Alkane: Str...	24.10	2.9	ng/ul	132703	6	23.59	913766	20.0