

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013879.D
 Acq On : 27 Jan 2018 12:07
 Operator : SJ/JU
 Sample : J1282-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B83

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-BM011018.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	6.769	638	643	661	rVB	519478	942015	25.52%	2.658%
2	6.928	665	670	682	rVB	390216	610823	16.55%	1.723%
3	7.122	695	703	714	rVB	554690	925571	25.08%	2.611%
4	7.581	774	781	793	rBV	420050	716941	19.42%	2.023%
5	8.298	897	903	913	rBV	656505	1111147	30.10%	3.135%
6	8.739	971	978	988	rBV	570334	927191	25.12%	2.616%
7	9.139	1041	1046	1052	rVB4	29618	46464	1.26%	0.131%
8	9.457	1093	1100	1111	rBV2	459938	805392	21.82%	2.272%
9	9.992	1184	1191	1205	rBV	658233	1198032	32.46%	3.380%
10	10.357	1247	1253	1262	rVB	547553	907971	24.60%	2.562%
11	10.510	1273	1279	1296	rBV	565824	1088329	29.49%	3.071%
12	13.657	1807	1814	1818	rBV	1289043	1776475	48.13%	5.012%
13	13.704	1818	1822	1829	rVB	459295	667775	18.09%	1.884%
14	13.927	1850	1860	1871	rBV	1395353	2070423	56.09%	5.842%
15	14.139	1892	1896	1904	rVB2	46699	64426	1.75%	0.182%
16	14.233	1904	1912	1922	rBV2	762084	1194935	32.37%	3.371%
17	14.474	1946	1953	1967	rBV2	325242	747654	20.26%	2.109%
18	15.098	2054	2059	2065	rVB2	64829	84407	2.29%	0.238%
19	15.239	2076	2083	2089	rBV	1677988	2494143	67.57%	7.037%
20	15.380	2101	2107	2118	rBV	460640	738249	20.00%	2.083%
21	15.480	2120	2124	2134	rVB8	27719	69262	1.88%	0.195%
22	15.962	2202	2206	2213	rBV2	54579	81628	2.21%	0.230%
23	16.757	2337	2341	2344	rBV2	37311	41955	1.14%	0.118%
24	16.992	2375	2381	2388	rBV	1019659	1426017	38.63%	4.023%
25	17.086	2391	2397	2409	rVB	1918579	2807709	76.07%	7.922%
26	17.898	2530	2535	2543	rBV2	238426	362862	9.83%	1.024%
27	19.039	2723	2729	2732	rBV3	50605	82733	2.24%	0.233%
28	19.186	2749	2754	2763	rBV4	120207	199603	5.41%	0.563%
29	19.392	2783	2789	2796	rBV	2467903	3339817	90.48%	9.423%
30	19.450	2796	2799	2805	rVB6	41763	55036	1.49%	0.155%
31	20.915	3043	3048	3059	rBV	317661	538429	14.59%	1.519%
32	21.192	3090	3095	3101	rBV2	1456683	1840201	49.85%	5.192%
33	23.244	3437	3444	3452	rBV2	2031764	3691107	100.00%	10.414%
34	23.380	3461	3467	3479	rVB	958199	1788106	48.44%	5.045%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : SVOA CALIBRATION

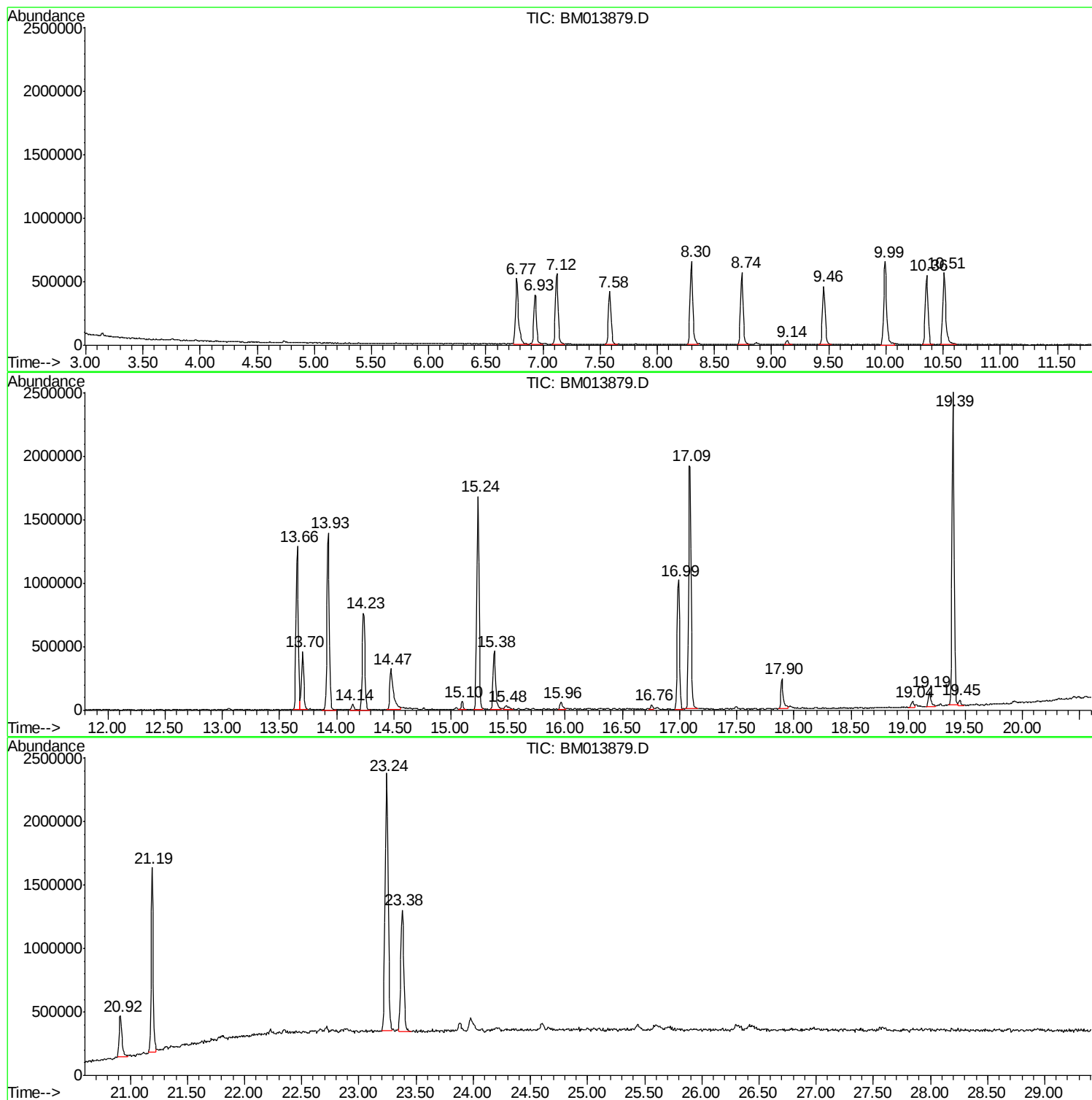
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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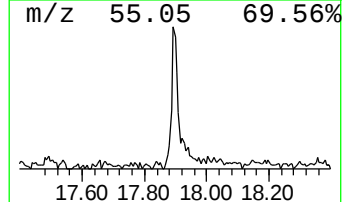
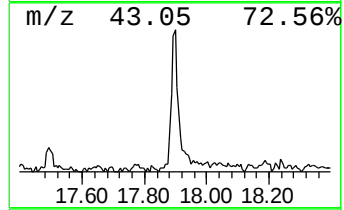
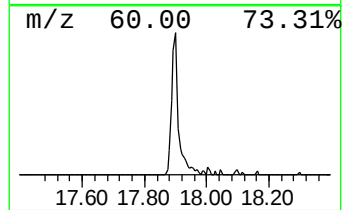
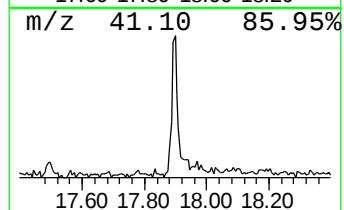
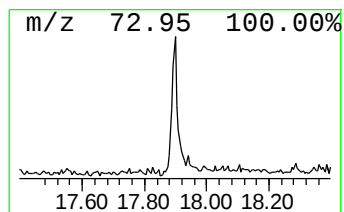
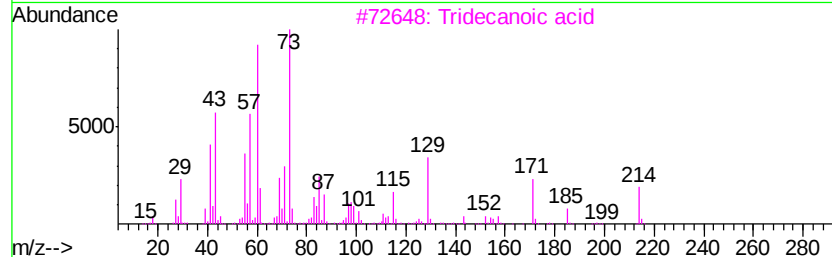
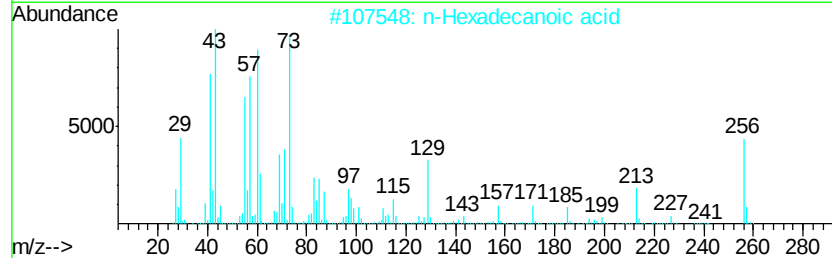
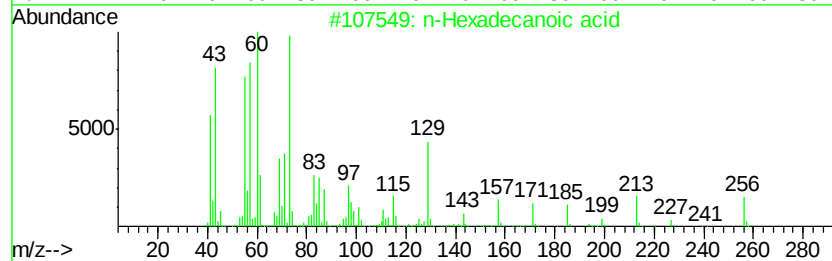
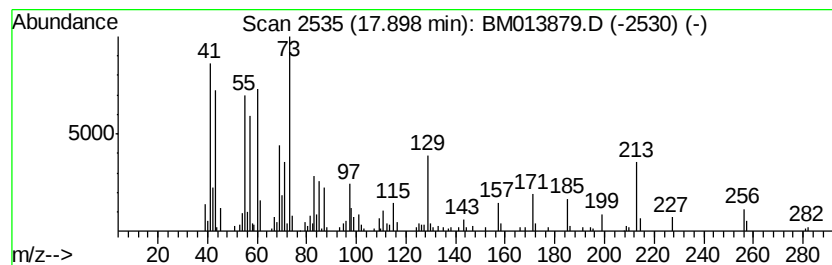
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	5.09 ng/ul	362862	Phenanthrene-d10		16.99	
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	90
3	Tridecanoic acid		214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	74
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	72



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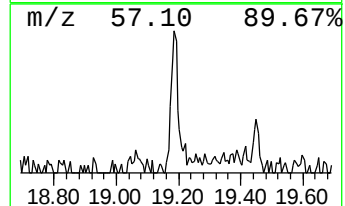
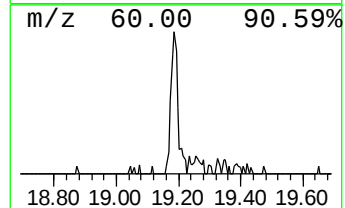
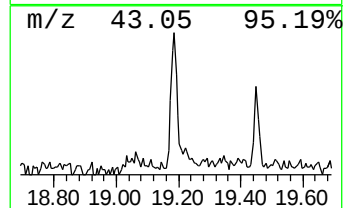
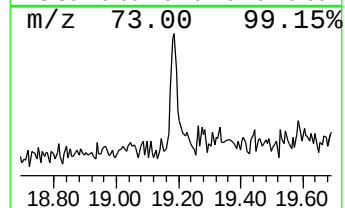
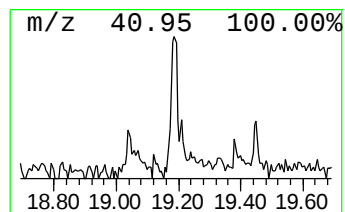
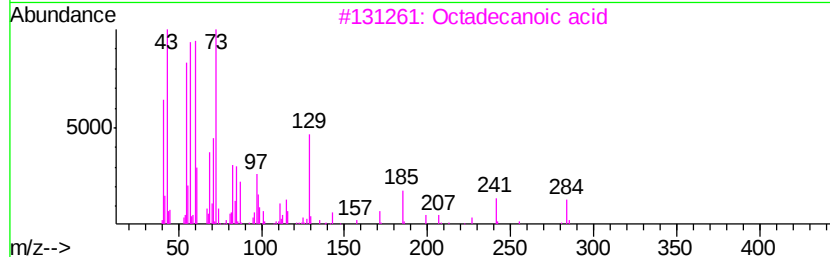
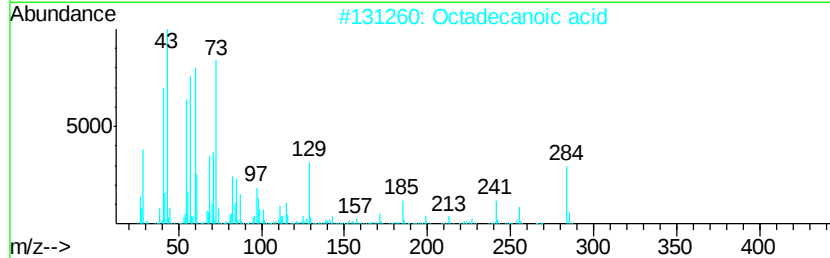
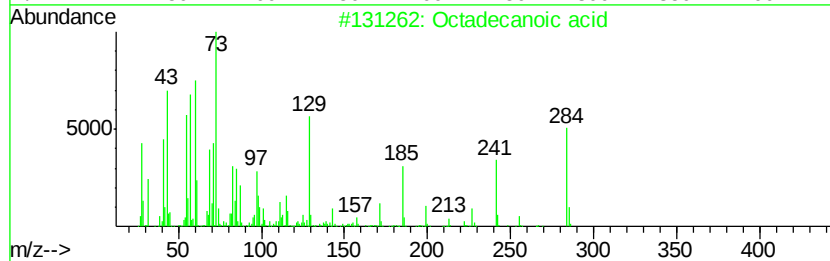
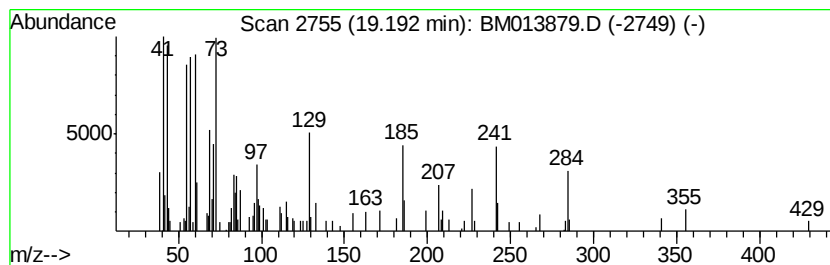
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.17 ng/ul	199603	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Octadecanoic acid	284	C18H36O2	000057-11-4	89
3		Octadecanoic acid	284	C18H36O2	000057-11-4	68
4		Octadecanoic acid	284	C18H36O2	000057-11-4	62
5		Tridecanoic acid	214	C13H26O2	000638-53-9	46



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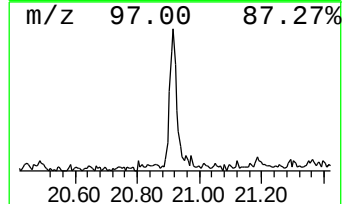
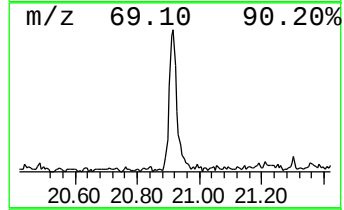
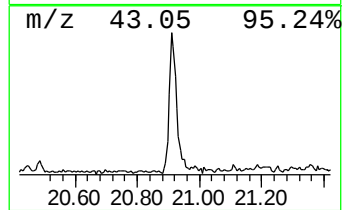
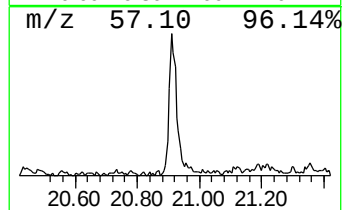
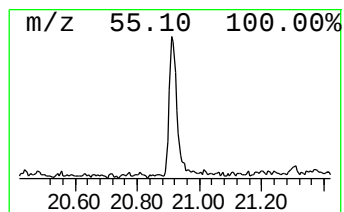
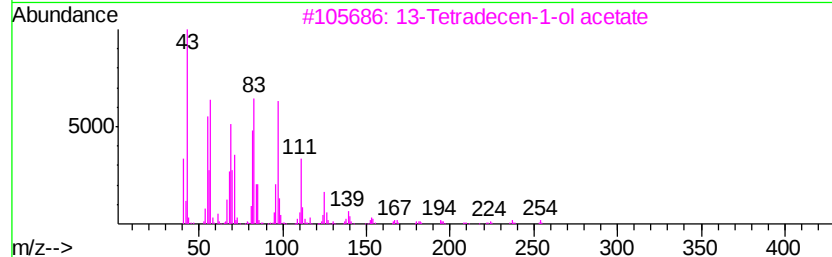
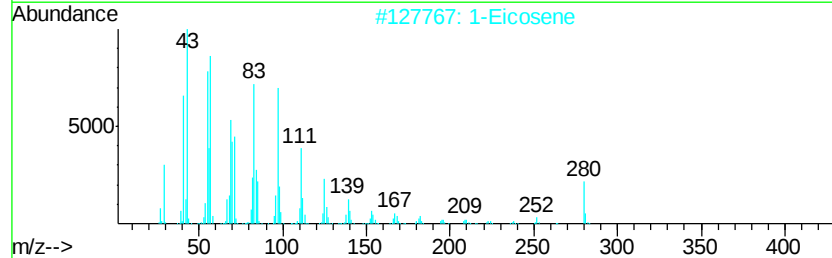
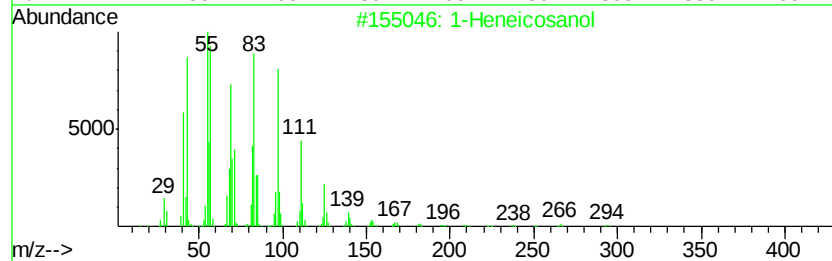
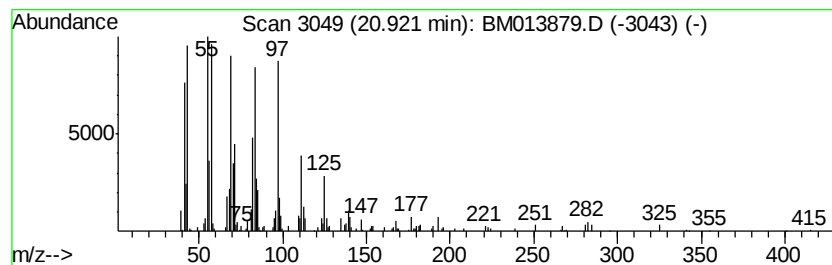
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.85 ng/ul	538429	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		1-Eicosene	280	C20H40	003452-07-1	90
3		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	81
4		1-Octadecanol	270	C18H38O	000112-92-5	68
5		Octacosyl acetate	452	C30H60O2	018206-97-8	68



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	5.1	ng/ul	362862	4	16.99	1426020	20.0
Octadecanoic acid	19.19	2.2	ng/ul	199603	5	21.19	1840200	20.0
1-Heneicosanol	20.92	5.8	ng/ul	538429	5	21.19	1840200	20.0