

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013121.D
 Acq On : 27 Nov 2017 21:24
 Operator : SJ/JU
 Sample : I6496-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

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-BM111617.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	4.863	296	302	308	rBV3	37902	58195	1.08%	0.098%
2	6.892	638	647	657	rBV2	655869	1207512	22.49%	2.031%
3	7.051	666	674	683	rVB	540866	839203	15.63%	1.412%
4	7.245	700	707	715	rBV	733941	1127709	21.01%	1.897%
5	7.704	779	785	794	rBV	837154	1366352	25.45%	2.298%
6	8.422	899	907	915	rBV	664356	1046358	19.49%	1.760%
7	8.857	974	981	991	rBV	764015	1251988	23.32%	2.106%
8	9.575	1094	1103	1112	rBV2	637998	1061839	19.78%	1.786%
9	10.116	1189	1195	1203	rBV	969469	1563327	29.12%	2.630%
10	10.486	1251	1258	1265	rBV	1239350	2037896	37.96%	3.428%
11	10.628	1274	1282	1292	rBV	576737	991308	18.47%	1.668%
12	13.174	1709	1715	1722	rBV2	47052	70625	1.32%	0.119%
13	13.763	1808	1815	1819	rBV	2116870	2780324	51.79%	4.677%
14	13.810	1819	1823	1832	rVB	385192	549035	10.23%	0.924%
15	14.039	1851	1862	1870	rBV	2166630	3148575	58.65%	5.296%
16	14.257	1892	1899	1903	rBV	111170	141653	2.64%	0.238%
17	14.345	1907	1914	1923	rBV2	1942197	2980589	55.52%	5.014%
18	14.568	1945	1952	1966	rBV	742132	1148953	21.40%	1.933%
19	14.774	1981	1987	1991	rVB7	33868	62748	1.17%	0.106%
20	15.157	2049	2052	2057	rBV3	45474	73953	1.38%	0.124%
21	15.210	2057	2061	2067	rVB	122349	153057	2.85%	0.257%
22	15.339	2077	2083	2090	rVB	2638476	3886601	72.40%	6.538%
23	15.463	2098	2104	2110	rBV	800544	1134241	21.13%	1.908%
24	15.580	2120	2124	2128	rBV3	33797	57299	1.07%	0.096%
25	16.074	2203	2208	2211	rBV	127312	168667	3.14%	0.284%
26	16.868	2338	2343	2346	rBV	98502	126986	2.37%	0.214%
27	17.092	2373	2381	2386	rBV2	2628084	3724816	69.39%	6.266%
28	17.192	2392	2398	2405	rVB	3125063	4380967	81.61%	7.369%
29	17.604	2463	2468	2473	rBV3	60893	80038	1.49%	0.135%
30	18.004	2531	2536	2544	rBV	487082	710509	13.24%	1.195%
31	18.298	2580	2586	2592	rBV6	49811	83373	1.55%	0.140%
32	19.151	2727	2731	2740	rVB	129888	212393	3.96%	0.357%
33	19.280	2749	2753	2761	rBV	291456	424911	7.92%	0.715%
34	19.486	2782	2788	2796	rBV	3962740	5368152	100.00%	9.030%

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35	20.015	2874	2878	2881	rBV4	44589	58558	1.09%	0.099%
36	20.997	3041	3045	3052	rBV	817680	1059821	19.74%	1.783%
37	21.274	3087	3092	3098	rBV	3368998	4302551	80.15%	7.238%
38	21.892	3191	3197	3202	rBV4	217846	421836	7.86%	0.710%
39	22.844	3355	3359	3363	rBV2	205253	280764	5.23%	0.472%
40	22.886	3363	3366	3376	rVB3	256115	408094	7.60%	0.686%
41	23.362	3440	3447	3453	rBV2	2389439	4497474	83.78%	7.565%
42	23.503	3464	3471	3481	rVB	1860500	3580632	66.70%	6.023%
43	24.056	3560	3565	3572	rVB3	176485	335406	6.25%	0.564%
44	24.138	3574	3579	3589	rVB3	231648	482710	8.99%	0.812%

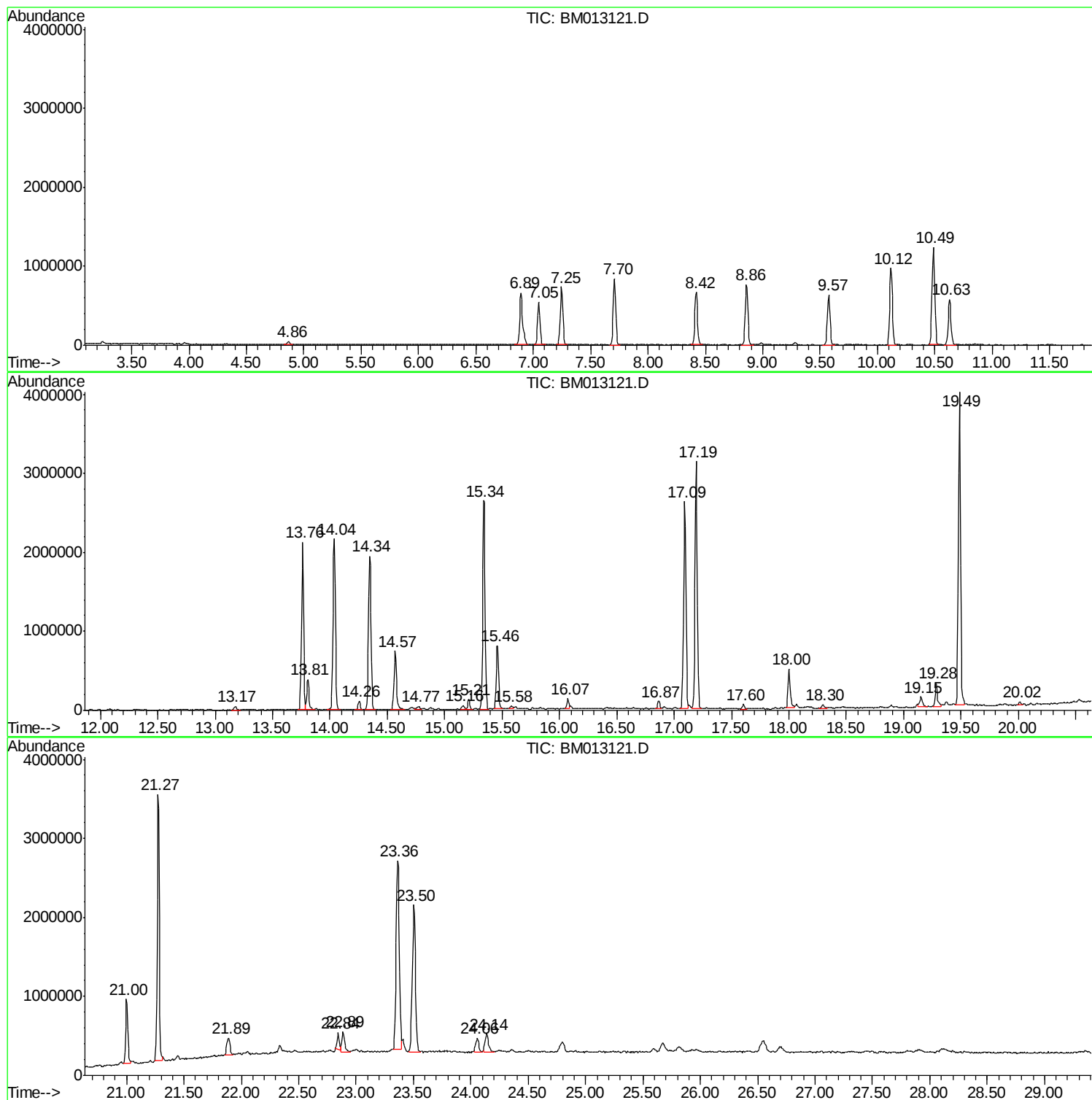
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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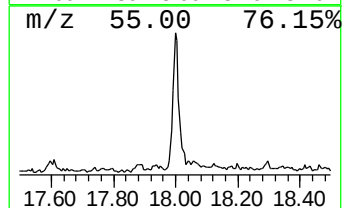
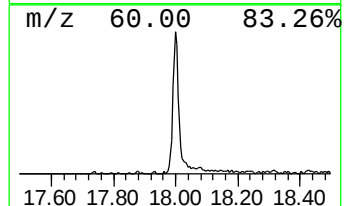
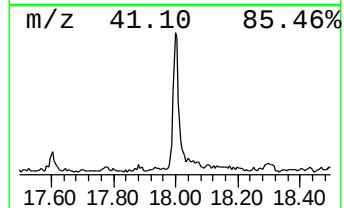
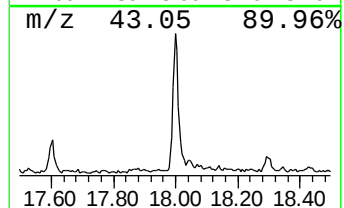
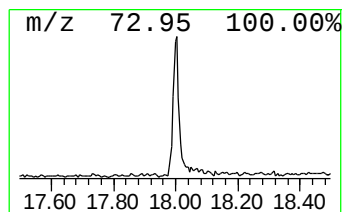
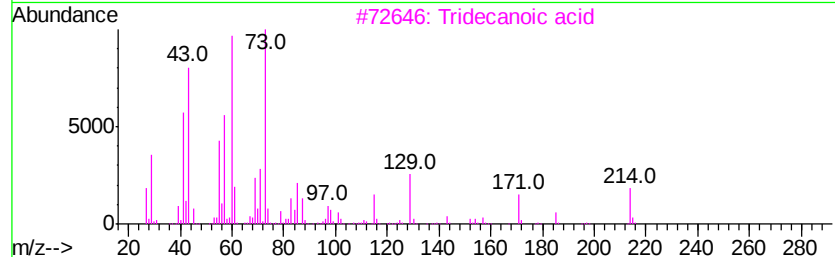
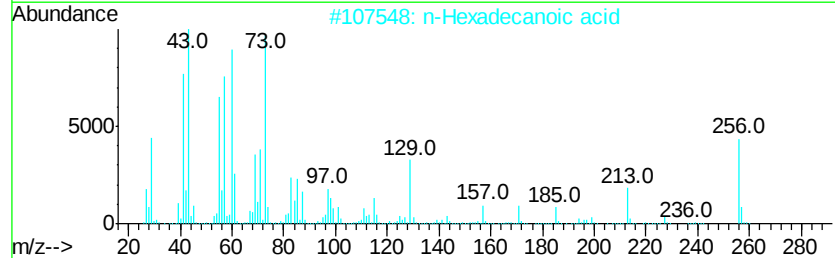
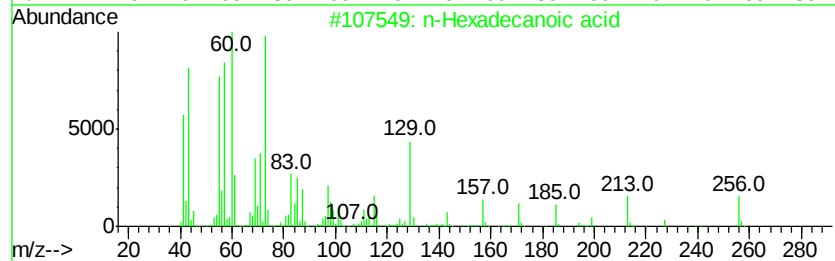
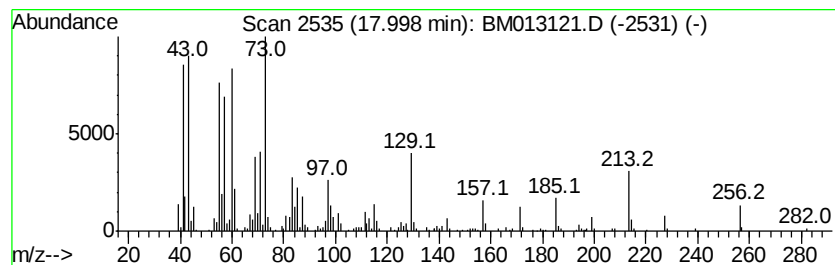
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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.
18.00	3.82 ng/ul	710509	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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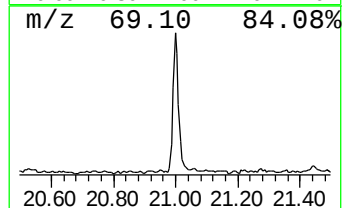
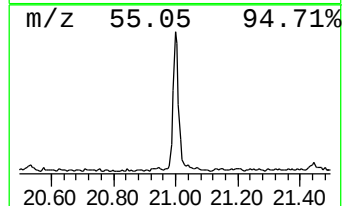
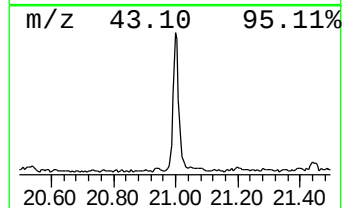
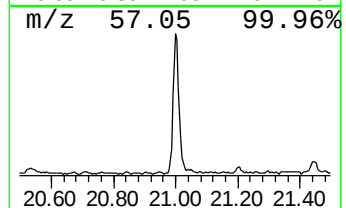
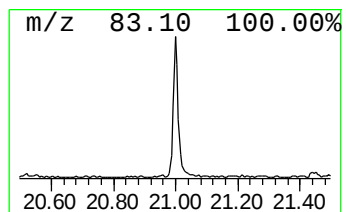
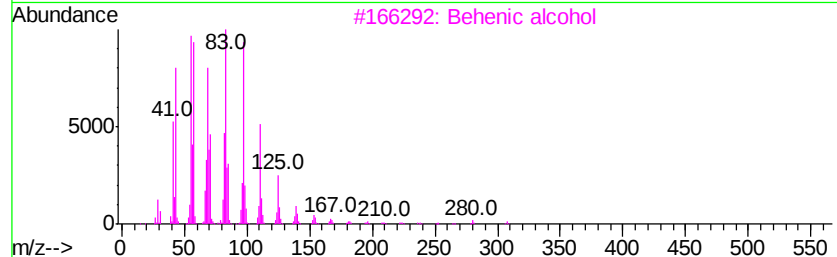
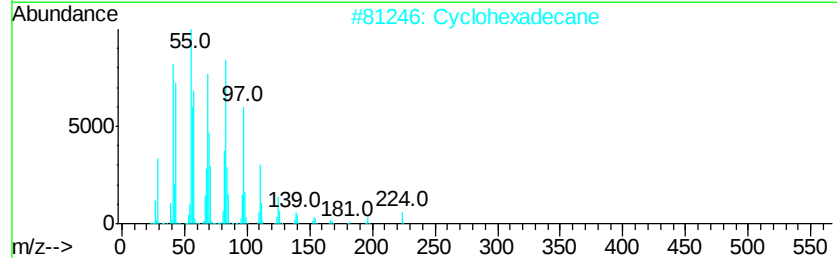
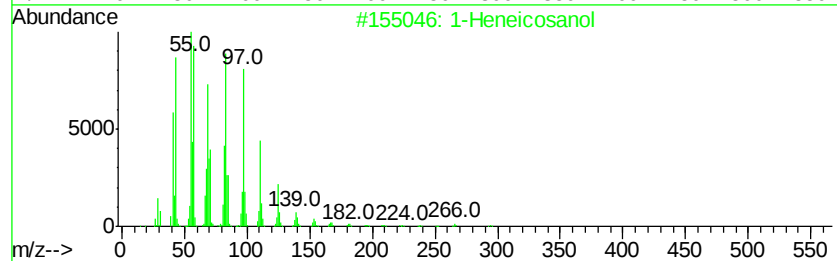
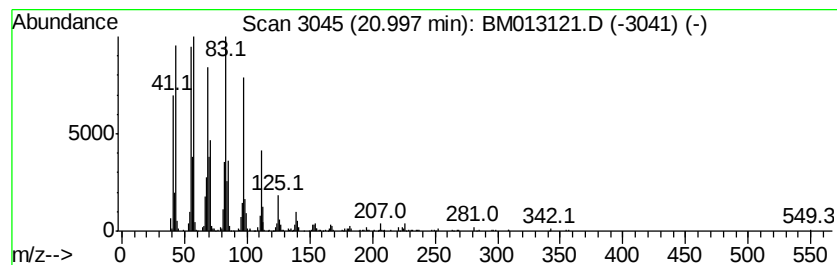
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	4.93 ng/ul	1059820	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Cyclohexadecane	224	C16H32	000295-65-8	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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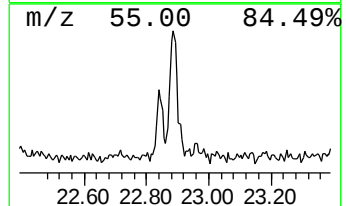
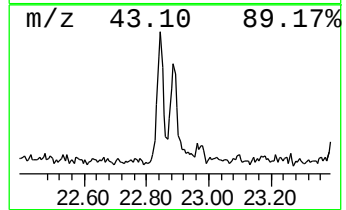
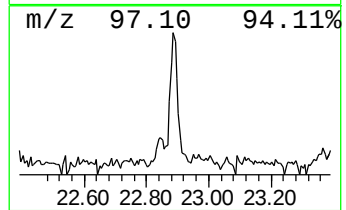
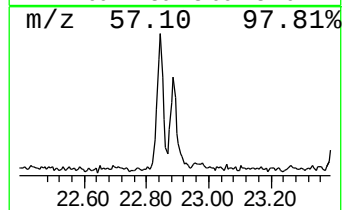
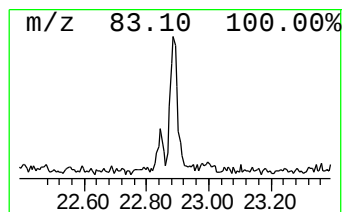
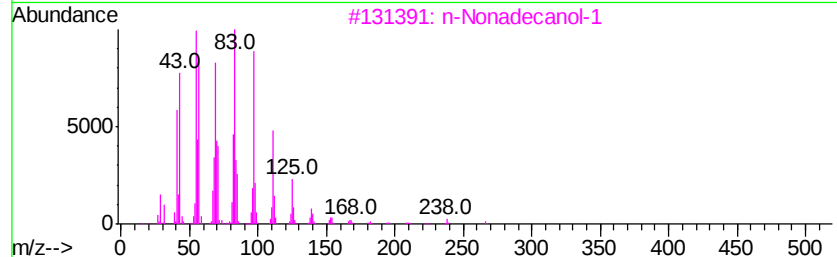
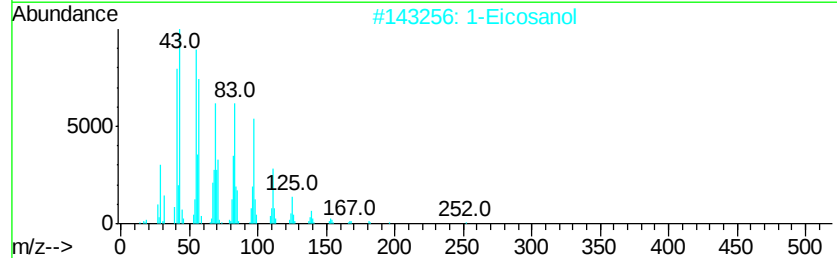
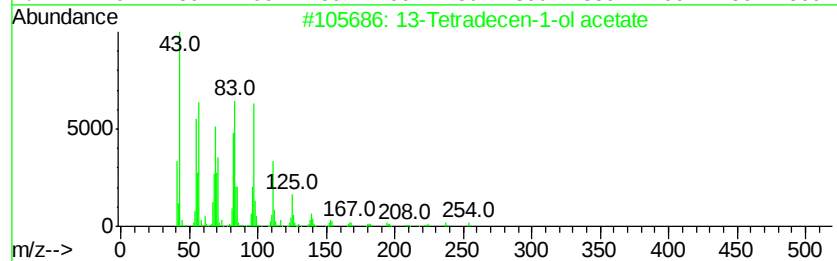
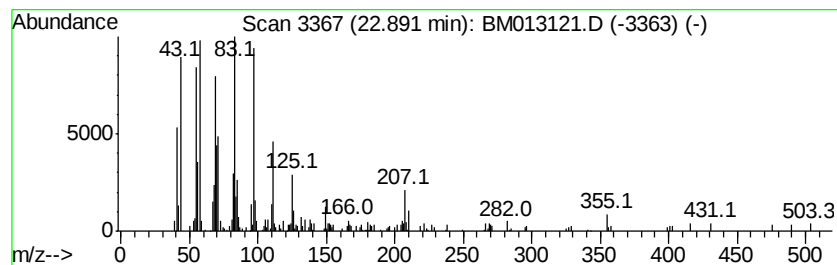
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 13-Tetradecen-1-ol acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	2.28 ng/ul	408094	Perylene-d12	23.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	91
2		1-Eicosanol	298	C20H42O	000629-96-9	86
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	72
4		Heneicosyl heptafluorobutyrte	508	C25H43F7O2	1000351-83-8	62
5		Octacosanol	410	C28H58O	000557-61-9	58



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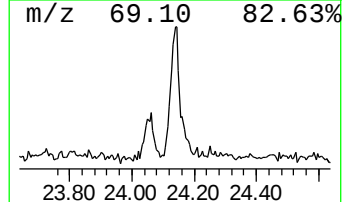
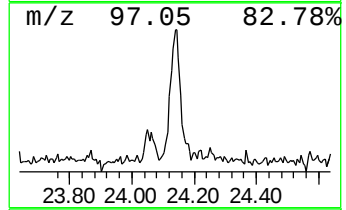
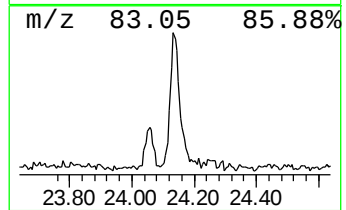
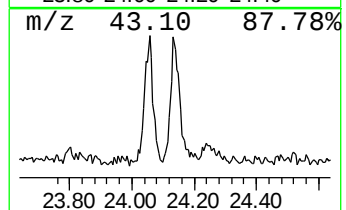
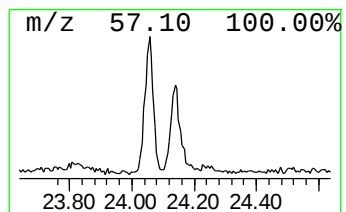
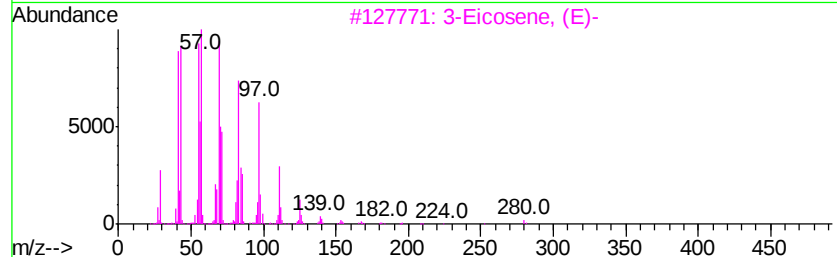
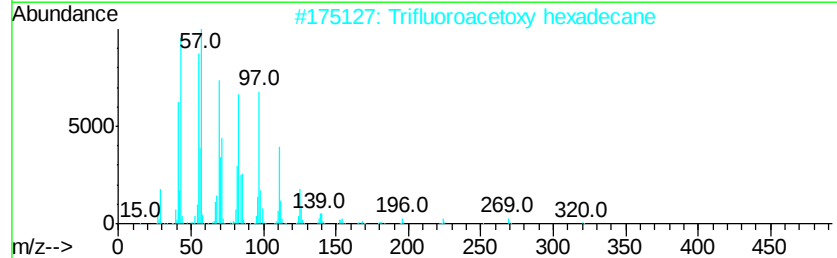
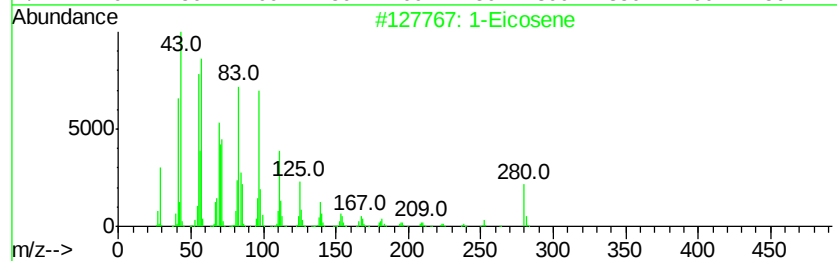
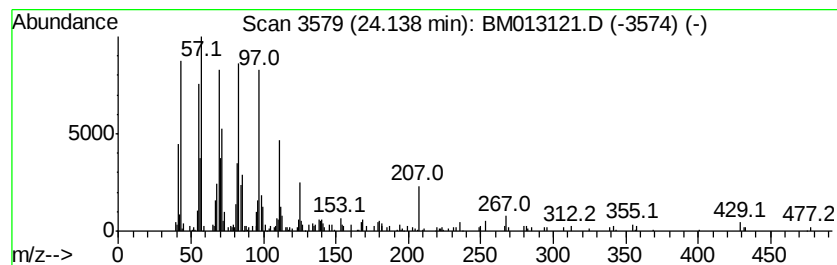
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Peak Number 4 (DEL) Alkane: Cyclic24.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.70 ng/ul	482710	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosene	280	C20H40	003452-07-1	93
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			Cycloeicosane	280	C20H40	000296-56-0	91
5			Z-5-Nonadecene	266	C19H38	1000131-11-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	3.8	ng/ul	710509	4	17.09	3724820	20.0
1-Heneicosanol	21.00	4.9	ng/ul	1059820	5	21.27	4302550	20.0
13-Tetradecen-1-o...	22.89	2.3	ng/ul	408094	6	23.50	3580630	20.0
(DEL) Alkane: Cyc...	24.14	2.7	ng/ul	482710	6	23.50	3580630	20.0