

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121417\
 Data File : BM013434.D
 Acq On : 15 Dec 2017 11:20
 Operator : SJ/JU
 Sample : I6778-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A72

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-BM113017.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	3.481	63	67	75	rBV	232022	356214	4.82%	0.461%
2	6.851	634	640	655	rVB2	1036631	1897979	25.68%	2.458%
3	7.016	663	668	677	rVB	807374	1232422	16.68%	1.596%
4	7.210	692	701	711	rBV	1097239	1742594	23.58%	2.256%
5	7.675	774	780	788	rVB	865351	1352675	18.30%	1.751%
6	8.386	891	901	911	rBV	1429531	2358785	31.92%	3.054%
7	8.828	968	976	985	rBV	1130437	1865205	25.24%	2.415%
8	9.545	1090	1098	1106	rBV	990485	1651869	22.35%	2.139%
9	10.080	1182	1189	1200	rBV	1491420	2451511	33.17%	3.174%
10	10.245	1209	1217	1226	rBV4	45033	90079	1.22%	0.117%
11	10.451	1244	1252	1260	rBV	1196947	2013303	27.24%	2.607%
12	10.598	1268	1277	1287	rBV	1138766	1956020	26.47%	2.533%
13	13.733	1804	1810	1815	rBV	2797473	4067966	55.05%	5.267%
14	13.780	1815	1818	1826	rVB	1187397	1557722	21.08%	2.017%
15	14.010	1850	1857	1868	rVB	3103058	4622481	62.55%	5.985%
16	14.321	1902	1910	1917	rBV2	1750586	2746767	37.17%	3.557%
17	14.533	1939	1946	1962	rBV	1371751	2185928	29.58%	2.830%
18	15.315	2072	2079	2087	rBV	3986793	5609721	75.91%	7.264%
19	15.445	2095	2101	2111	rBV	1352966	1877128	25.40%	2.431%
20	16.045	2199	2203	2212	rBV2	49179	84391	1.14%	0.109%
21	17.068	2370	2377	2387	rBV2	2412620	3438627	46.53%	4.452%
22	17.168	2387	2394	2405	rVB2	4618088	6394964	86.54%	8.280%
23	17.751	2488	2493	2497	rBV2	62660	78824	1.07%	0.102%
24	17.974	2526	2531	2540	rBV	642409	923270	12.49%	1.195%
25	19.256	2745	2749	2757	rBV2	208073	324135	4.39%	0.420%
26	19.468	2778	2785	2791	rBV	5484243	7389707	100.00%	9.568%
27	20.974	3037	3041	3050	rBV	1155893	1428682	19.33%	1.850%
28	21.256	3084	3089	3096	rBV	3108102	4019209	54.39%	5.204%
29	22.303	3265	3267	3272	rVB5	78274	98677	1.34%	0.128%
30	22.809	3349	3353	3358	rVB4	123131	173281	2.34%	0.224%
31	23.344	3436	3444	3456	rVB2	3580595	6900064	93.37%	8.934%
32	23.480	3461	3467	3476	rVB	1762935	3359813	45.47%	4.350%
33	24.009	3553	3557	3563	rVB3	140515	260033	3.52%	0.337%
34	24.091	3567	3571	3580	rVB5	208753	456061	6.17%	0.591%

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Stop Thrs : 0 Peak Location: TOP

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35	24.744	3677	3682	3688	rbV3	139548	264701	3.58%	0.343%
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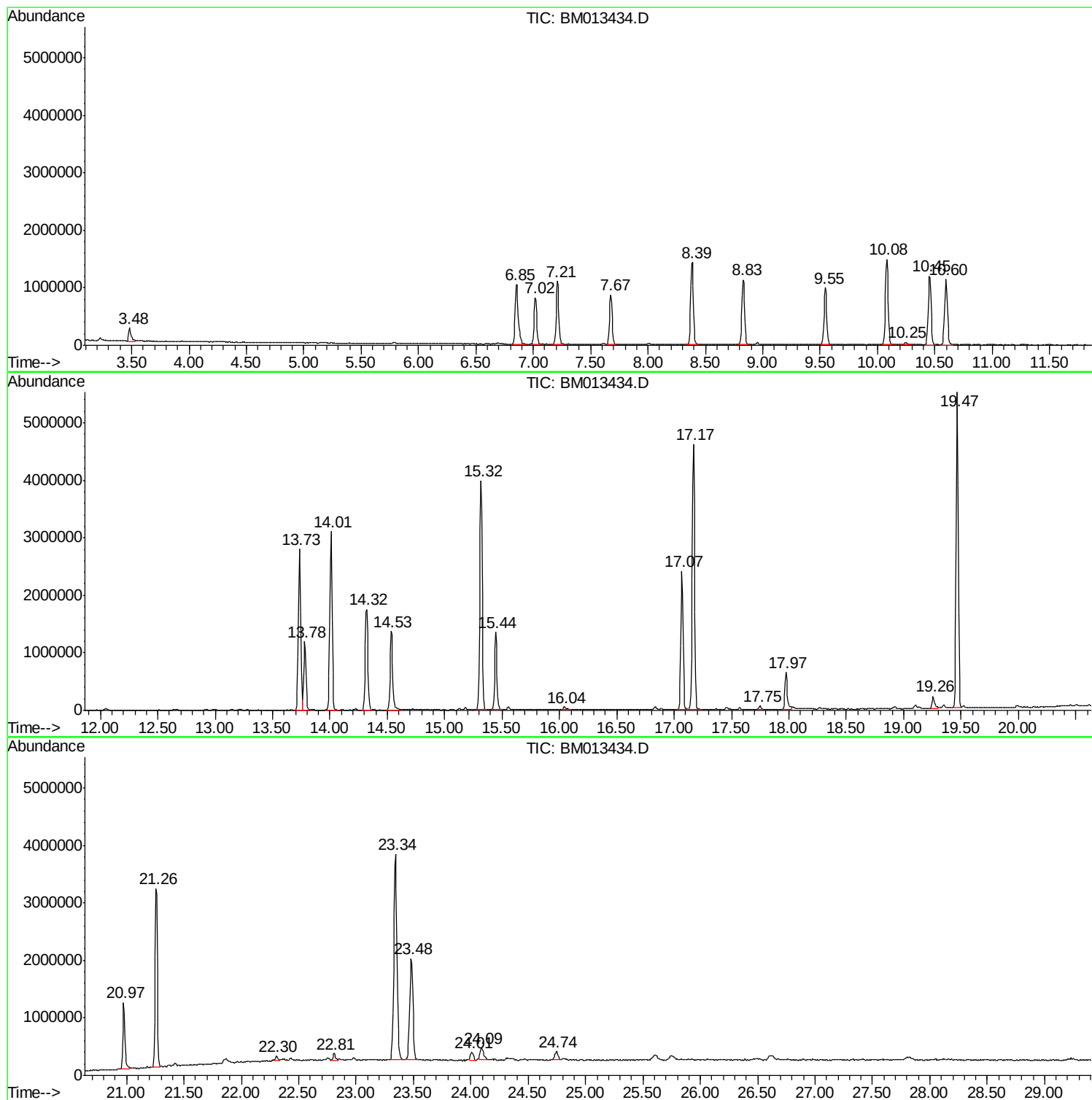
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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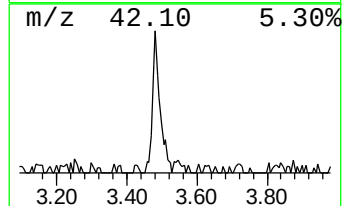
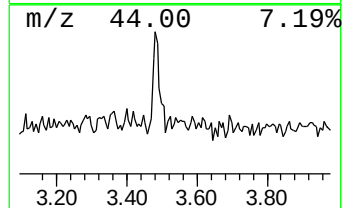
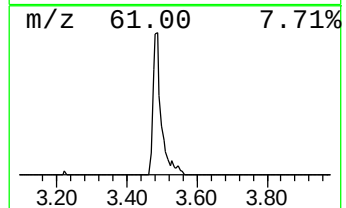
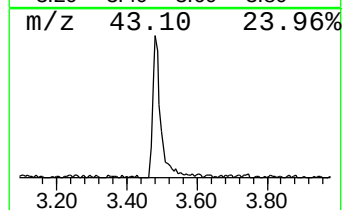
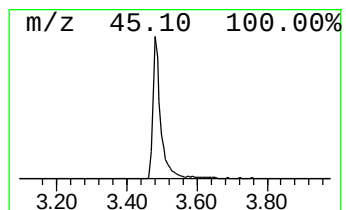
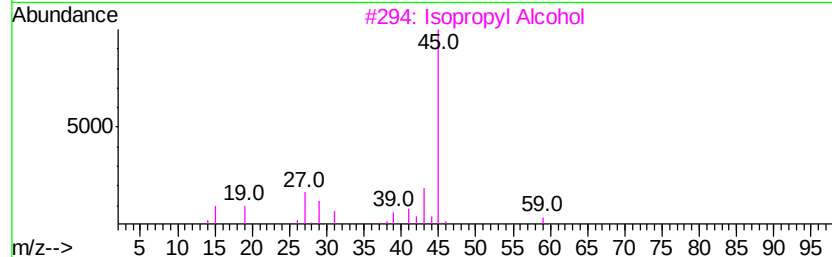
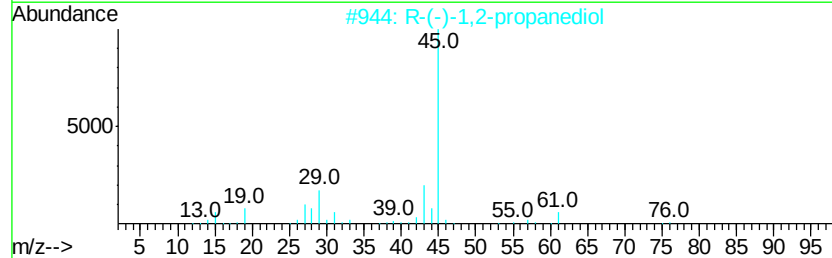
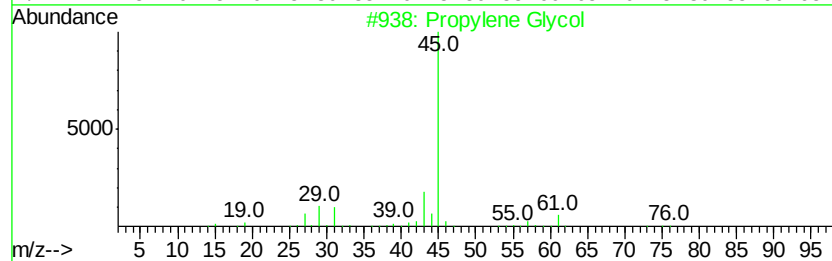
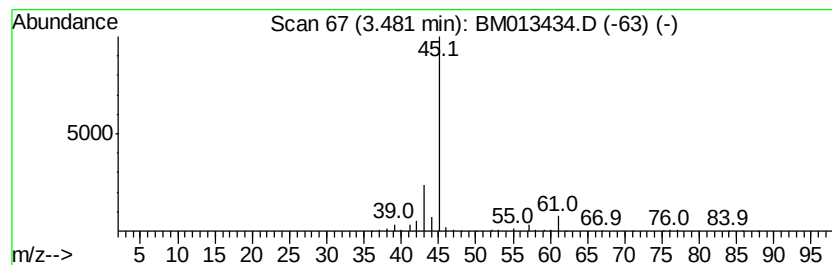
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	5.27 ng/ul	356214	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	86
2			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5			3-Ethyl-2-pentanol	116	C7H16O	000609-27-8	40



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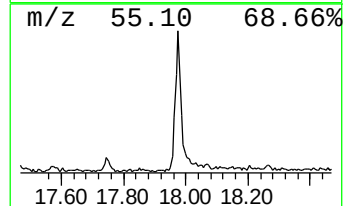
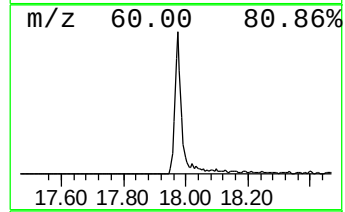
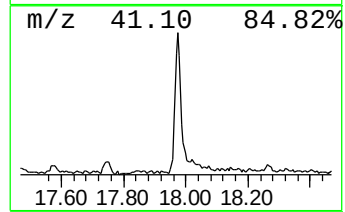
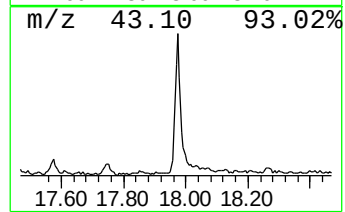
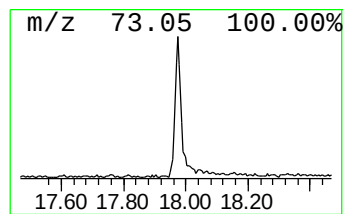
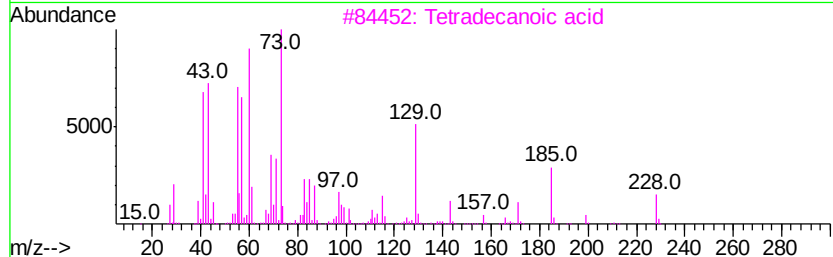
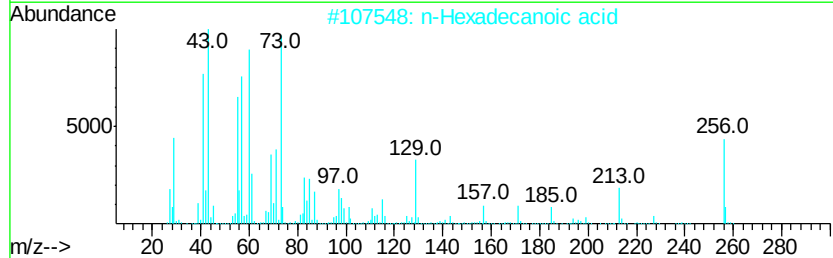
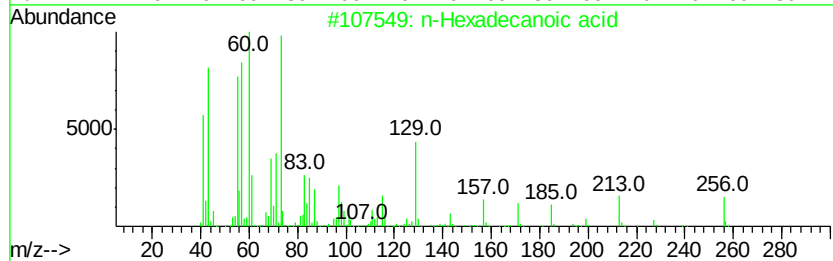
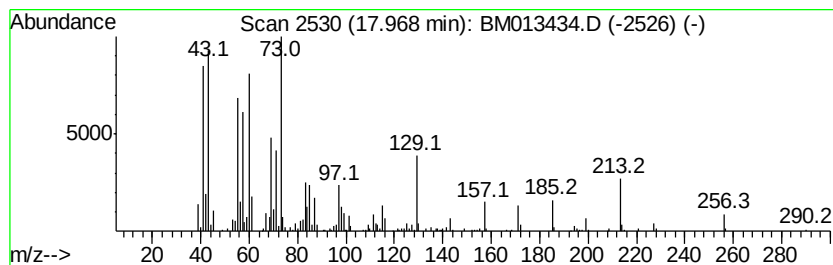
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.97	5.37 ng/ul	923270	Phenanthrene-d10		17.07	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	90
4	Tridecanoic acid		214	C13H26O2	000638-53-9	76
5	n-Decanoic acid		172	C10H20O2	000334-48-5	76



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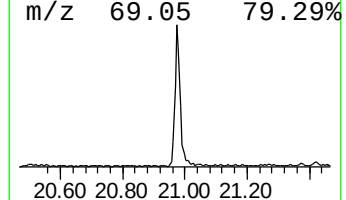
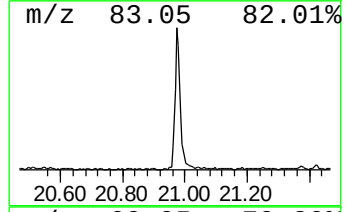
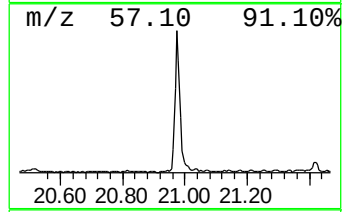
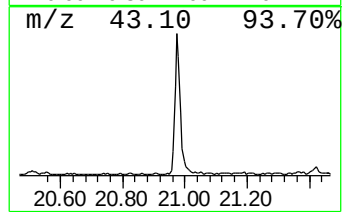
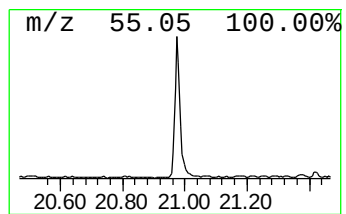
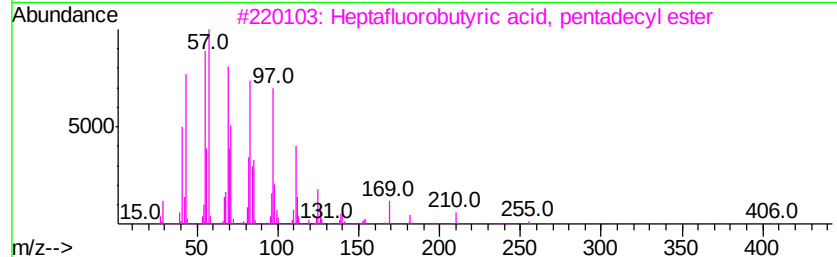
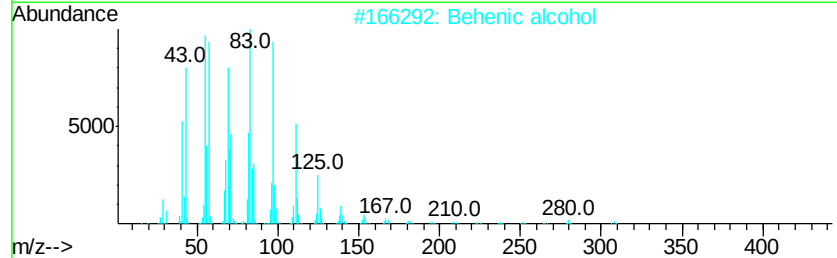
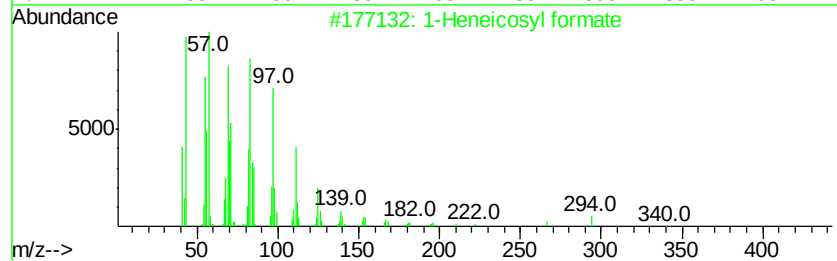
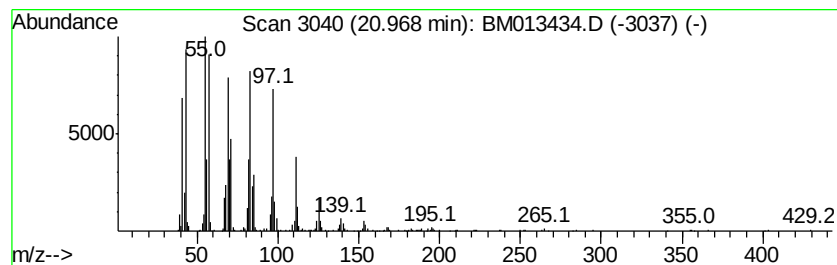
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Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	7.11 ng/ul	1428680	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heneicosyl formate	340 C22H44O2	077899-03-7 95
2		Behenic alcohol	326 C22H46O	000661-19-8 95
3		Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5 94
4		n-Nonadecanol-1	284 C19H40O	001454-84-8 94
5		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 94



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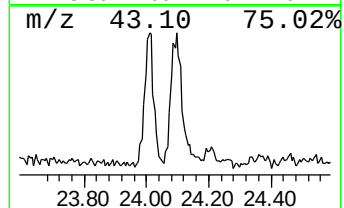
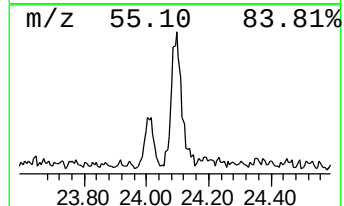
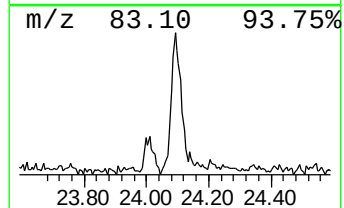
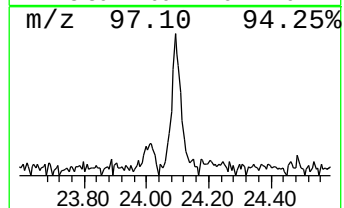
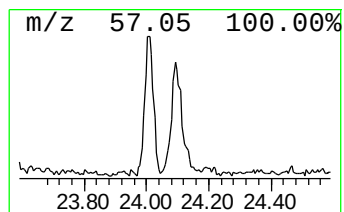
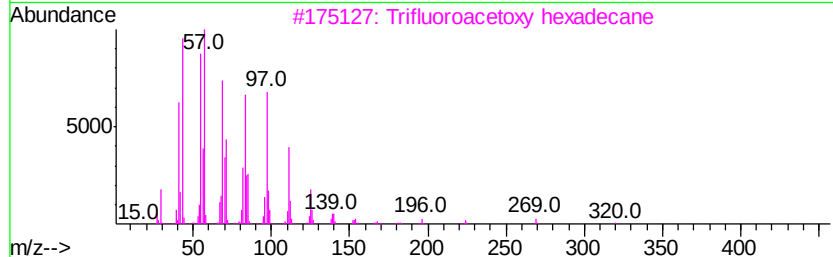
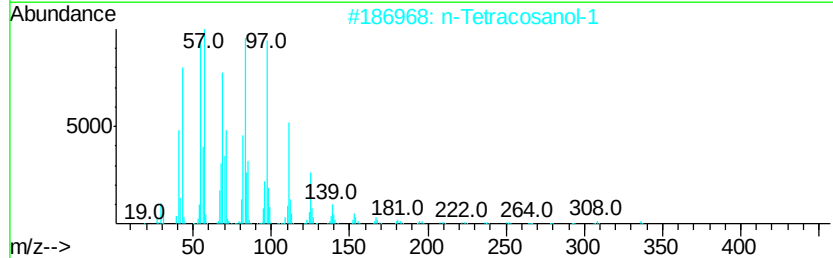
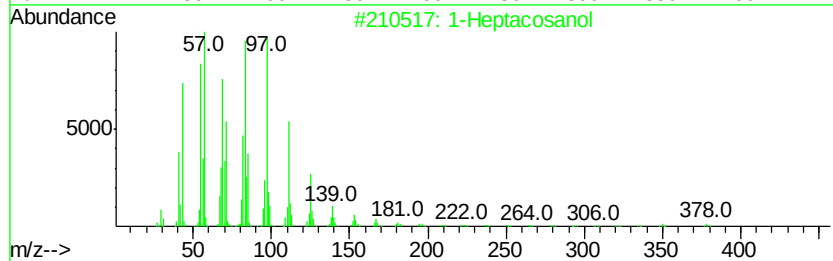
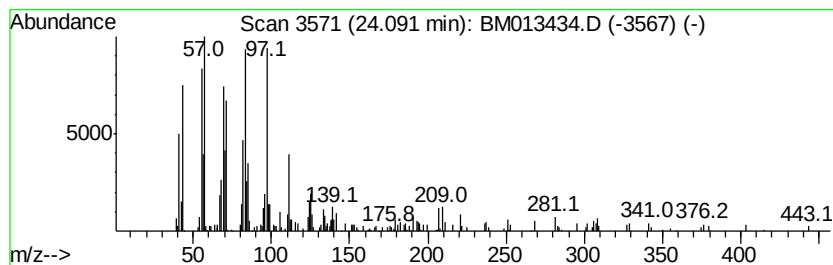
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.71 ng/ul	456061	Perylene-d12	23.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heptacosanol	396 C27H56O	002004-39-9 94
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
3		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 91
4		Behenic alcohol	326 C22H46O	000661-19-8 91
5		Pentafluoropropionic acid, tetra...	360 C17H29F5O2	006222-06-6 91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propylene Glycol	3.48	5.3	ng/ul	356214	1	7.67	1352680	20.0
n-Hexadecanoic acid	17.97	5.4	ng/ul	923270	4	17.07	3438630	20.0
1-Heneicosyl formate	20.97	7.1	ng/ul	1428680	5	21.26	4019210	20.0
1-Heptacosanol	24.09	2.7	ng/ul	456061	6	23.48	3359810	20.0