

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008895.D
 Acq On : 27 Jan 2017 03:58
 Operator : SJ/MA
 Sample : I1426-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMY3

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\SOM02.2-EPA-BM012317.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	7.075	757	763	774	rBV3	401078	700415	11.26%	2.160%
2	7.257	787	794	801	rBV	232306	368626	5.93%	1.137%
3	7.451	820	827	835	rVB	383088	598615	9.62%	1.846%
4	7.928	901	908	913	rBV	414945	659160	10.59%	2.033%
5	8.622	1019	1026	1035	rVB	392555	644463	10.36%	1.987%
6	9.092	1098	1106	1115	rBV	382633	624909	10.04%	1.927%
7	9.810	1220	1228	1237	rBV2	329402	539856	8.68%	1.665%
8	10.339	1310	1318	1328	rVB	447863	719087	11.56%	2.217%
9	10.727	1377	1384	1392	rBV	483991	800743	12.87%	2.469%
10	10.863	1401	1407	1415	rBV	261029	441122	7.09%	1.360%
11	13.968	1929	1935	1939	rBV	603403	844836	13.58%	2.605%
12	14.010	1939	1942	1948	rVB	198889	264790	4.26%	0.817%
13	14.257	1978	1984	1992	rVB	686847	998616	16.05%	3.079%
14	14.563	2030	2036	2042	rVB	675295	970600	15.60%	2.993%
15	14.745	2060	2067	2079	rVB	391117	571185	9.18%	1.761%
16	15.557	2198	2205	2211	rBV	869647	1266759	20.36%	3.906%
17	15.662	2218	2223	2237	rBV	271419	392517	6.31%	1.210%
18	16.251	2319	2323	2331	rVB3	47286	74699	1.20%	0.230%
19	17.309	2495	2503	2509	rBV	861730	1211289	19.47%	3.735%
20	17.403	2513	2519	2527	rVV2	1026376	1455951	23.40%	4.490%
21	18.174	2645	2650	2655	rBV2	95476	130364	2.10%	0.402%
22	19.603	2886	2893	2898	rBV	5651950	6221532	100.00%	19.186%
23	19.692	2903	2908	2914	rVV	1215897	1665319	26.77%	5.135%
24	20.644	3065	3070	3075	rBV	5218652	5372569	86.35%	16.568%
25	21.162	3154	3158	3165	rBV4	135502	183364	2.95%	0.565%
26	21.474	3206	3211	3218	rBV	1287021	1602916	25.76%	4.943%
27	23.680	3579	3586	3597	rVB2	899480	1717236	27.60%	5.296%
28	23.832	3605	3612	3622	rBV	722869	1386572	22.29%	4.276%

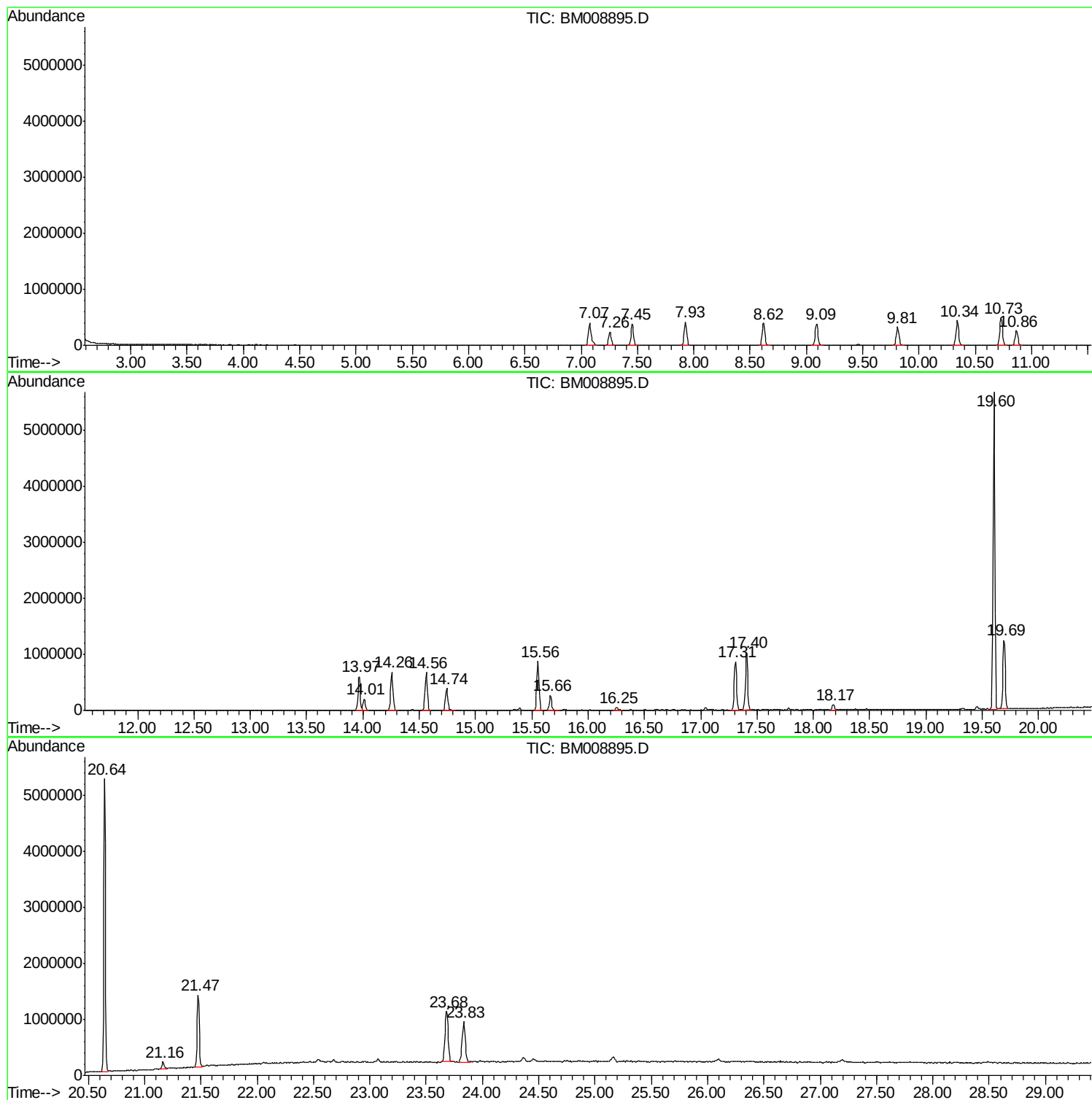
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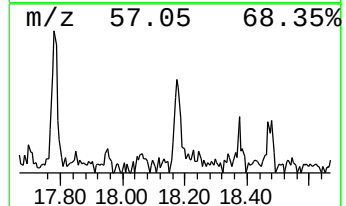
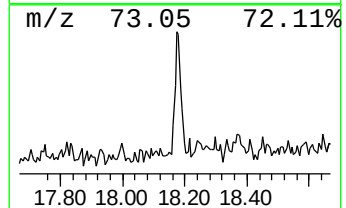
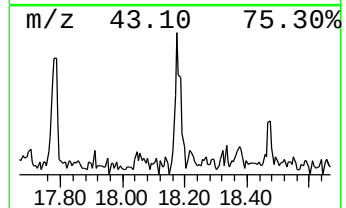
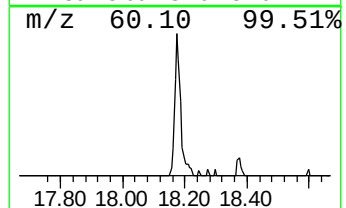
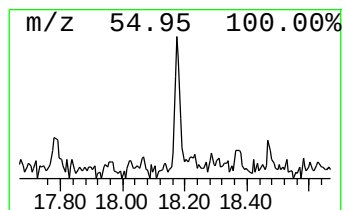
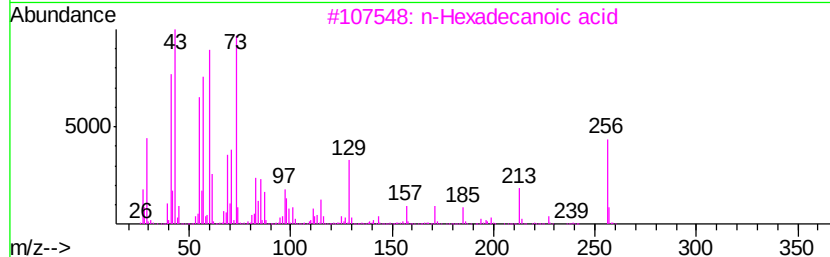
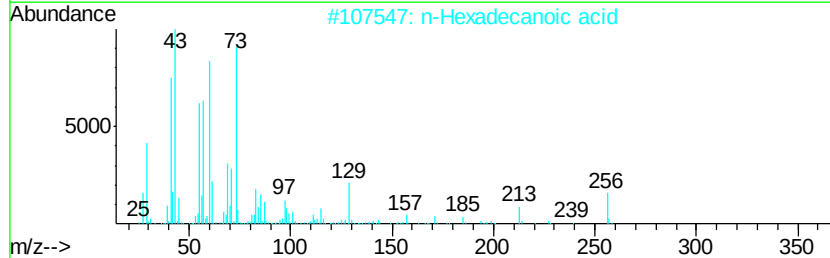
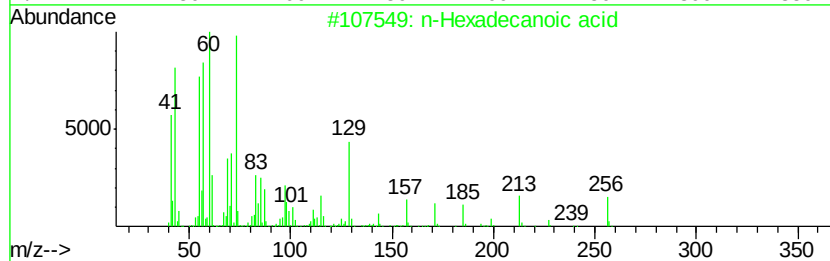
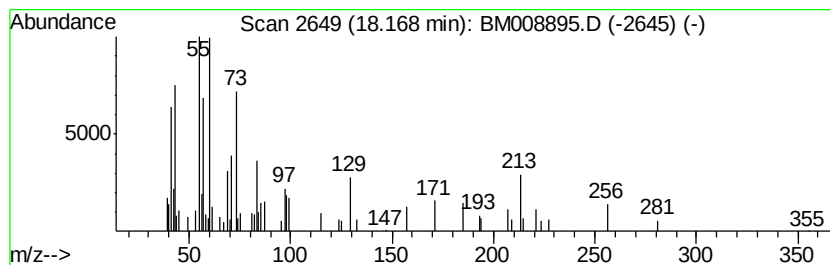
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.15 ng/ul	130364	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	59



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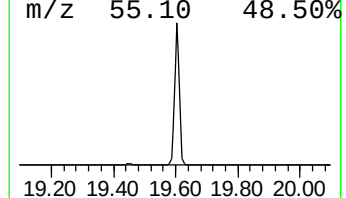
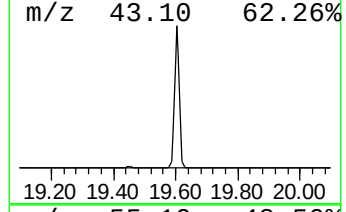
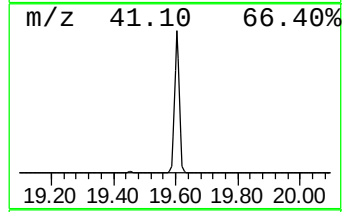
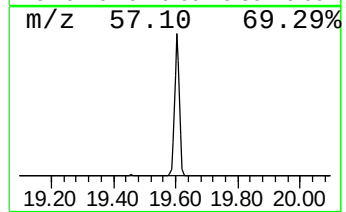
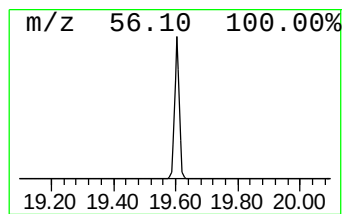
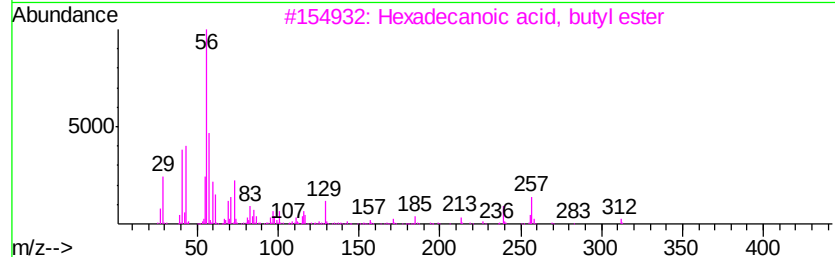
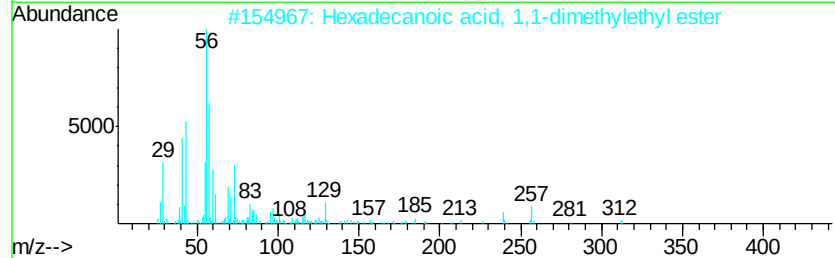
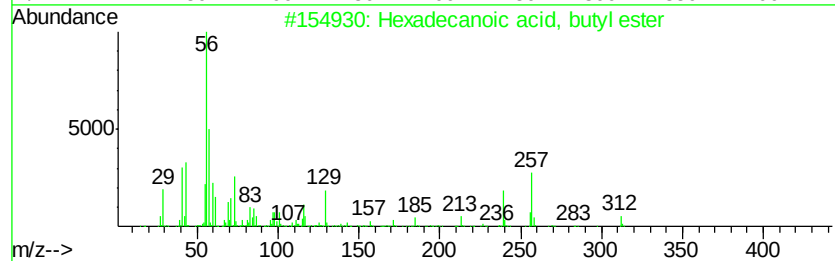
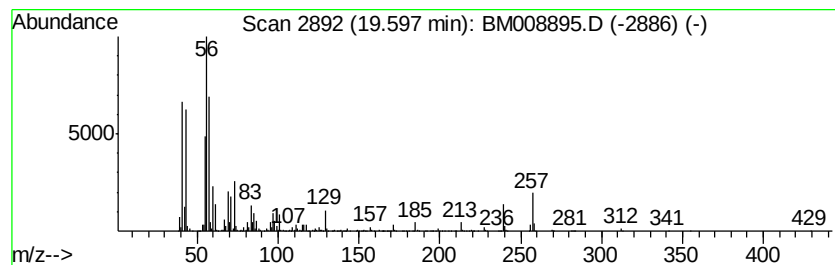
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Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	77.63 ng/ul	6221530	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	55
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	45
5		Eicosanoic acid	312	C20H40O2	000506-30-9	42



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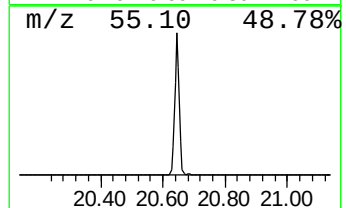
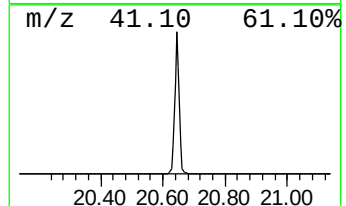
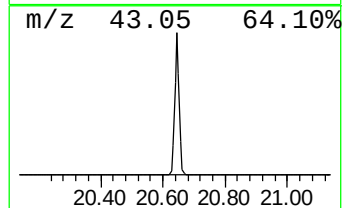
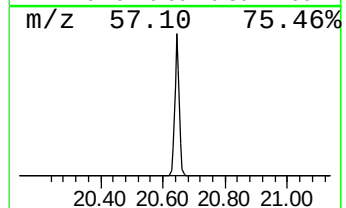
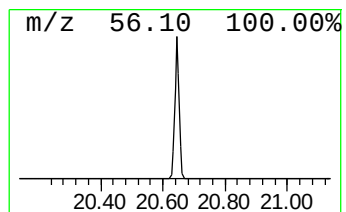
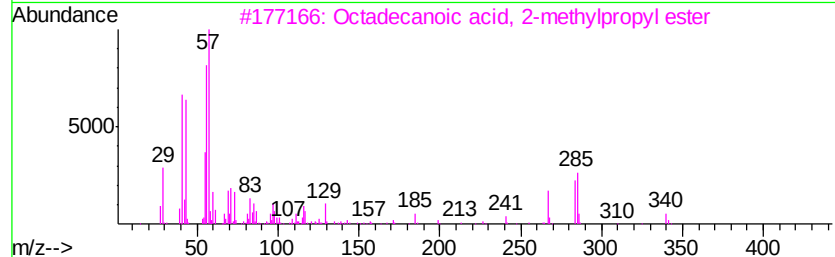
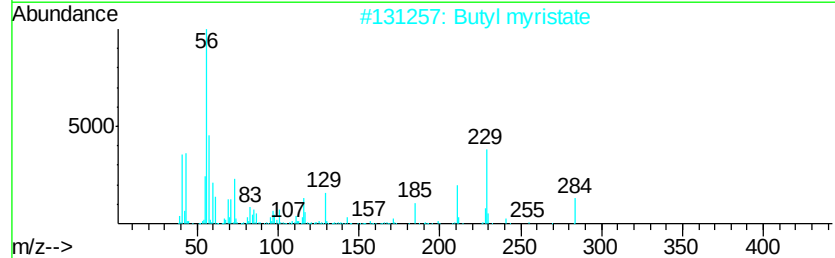
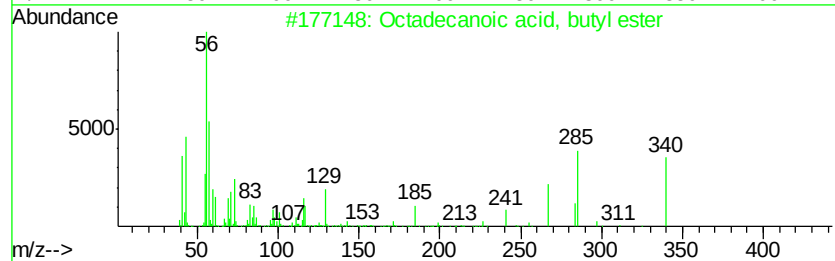
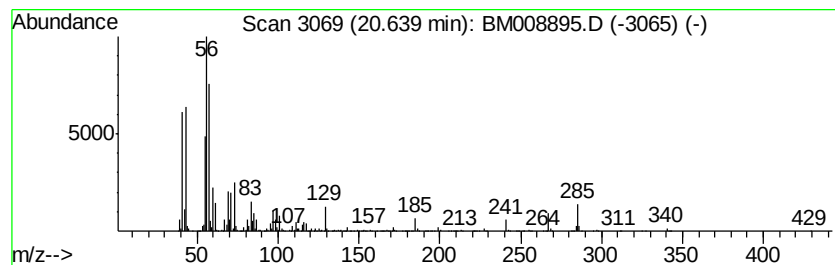
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	67.03 ng/ul	5372570	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2		Butyl myristate	284	C18H36O2	000110-36-1	59
3		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
4		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	43
5		2-Isopropyl-3-vinylloxirane	112	C7H12O	070777-23-0	38



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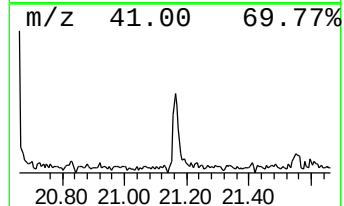
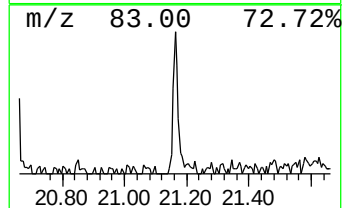
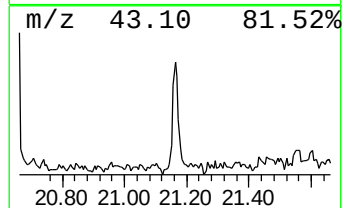
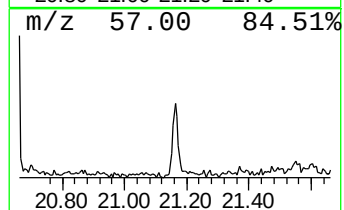
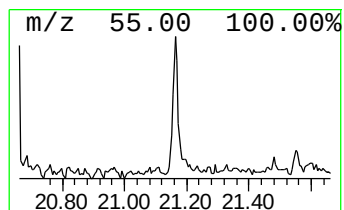
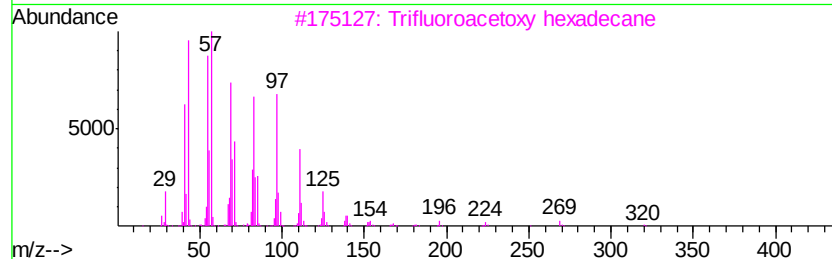
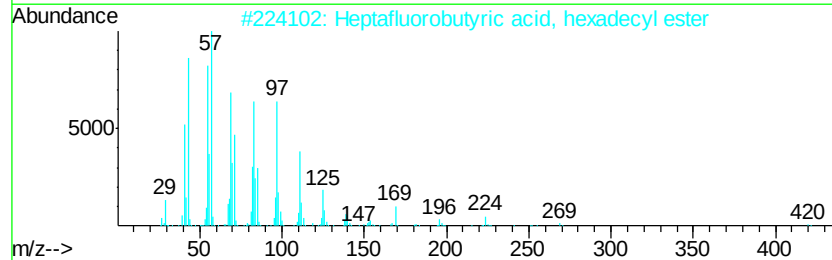
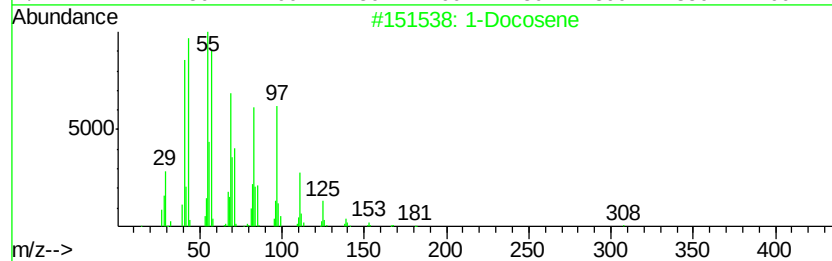
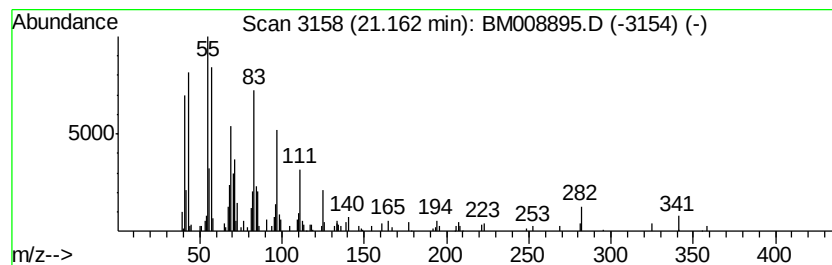
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Peak Number 4 (DEL) Alkane: Cyclic21.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.29 ng/ul	183364	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	76
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	74
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	74
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	72
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.17	2.1	ng/ul	130364	4	17.31	1211290	20.0
Hexadecanoic acid...	19.60	77.6	ng/ul	6221530	5	21.47	1602920	20.0
Octadecanoic acid...	20.64	67.0	ng/ul	5372570	5	21.47	1602920	20.0
(DEL) Alkane: Cyc...	21.16	2.3	ng/ul	183364	5	21.47	1602920	20.0