

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012417\
 Data File : BM008853.D
 Acq On : 25 Jan 2017 00:04
 Operator : UM/SJ
 Sample : I1315-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDN21

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	7.081	758	764	774	rVB2	533881	973695	11.11%	2.170%
2	7.263	785	795	801	rBV	313615	496235	5.66%	1.106%
3	7.463	821	829	835	rBV	492446	788603	9.00%	1.758%
4	7.934	902	909	915	rBV	396176	630332	7.19%	1.405%
5	8.628	1019	1027	1038	rBV	569521	917682	10.47%	2.045%
6	9.098	1100	1107	1115	rBV	526931	869315	9.92%	1.937%
7	9.816	1221	1229	1238	rVB2	466701	763531	8.71%	1.702%
8	10.345	1311	1319	1329	rBV	623862	1030673	11.76%	2.297%
9	10.733	1378	1385	1395	rVB	455746	782741	8.93%	1.745%
10	10.875	1402	1409	1415	rBV2	512659	880460	10.05%	1.962%
11	13.974	1930	1936	1940	rBV	1034681	1393643	15.90%	3.106%
12	14.021	1940	1944	1951	rVB	176371	258095	2.94%	0.575%
13	14.263	1978	1985	1994	rVB	1042297	1523036	17.38%	3.394%
14	14.568	2031	2037	2044	rBV	661592	977825	11.16%	2.179%
15	14.751	2062	2068	2077	rBV	709526	986418	11.26%	2.198%
16	15.562	2200	2206	2213	rBV	1365790	1949140	22.24%	4.344%
17	15.668	2219	2224	2234	rVB	575693	798699	9.11%	1.780%
18	16.262	2320	2325	2333	rBV3	67799	119691	1.37%	0.267%
19	17.315	2497	2504	2510	rBV	859333	1225195	13.98%	2.731%
20	17.415	2514	2521	2527	rVV2	1643156	2338162	26.68%	5.211%
21	18.186	2647	2652	2661	rBV2	217939	299402	3.42%	0.667%
22	19.462	2864	2869	2875	rBV	151268	201290	2.30%	0.449%
23	19.609	2888	2894	2899	rBV	7767816	8764217	100.00%	19.533%
24	19.703	2904	2910	2917	rBV	1982813	2761873	31.51%	6.156%
25	20.650	3067	3071	3076	rBV	6794425	7350443	83.87%	16.382%
26	21.168	3156	3159	3164	rVB2	200931	225098	2.57%	0.502%
27	21.480	3207	3212	3219	rBV	1246867	1593610	18.18%	3.552%
28	23.691	3581	3588	3597	rBV2	1400637	2653819	30.28%	5.915%
29	23.844	3607	3614	3622	rVB	666184	1315338	15.01%	2.932%

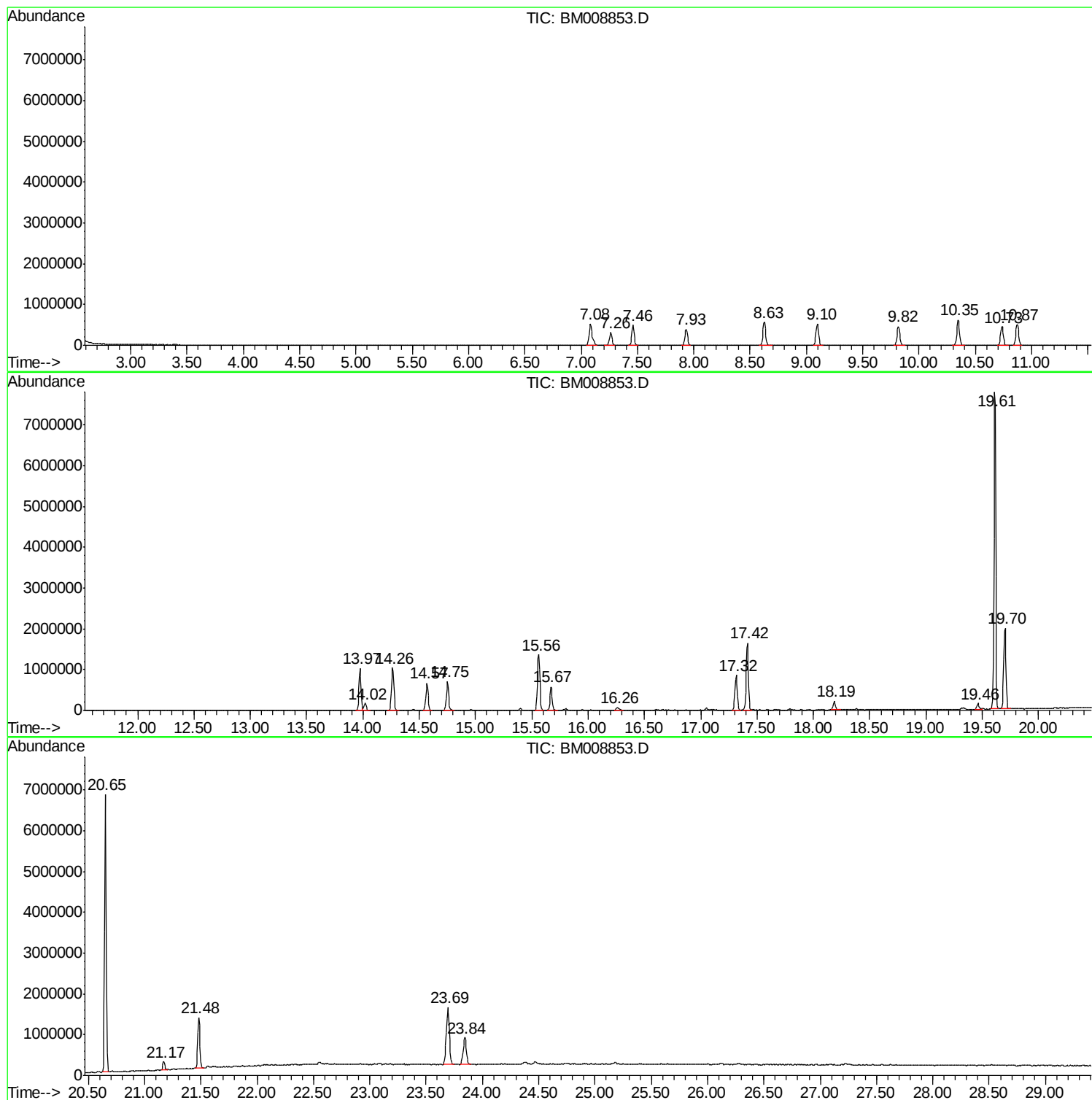
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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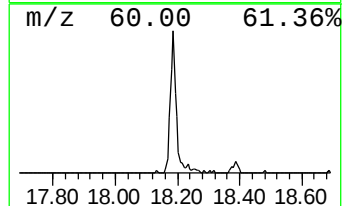
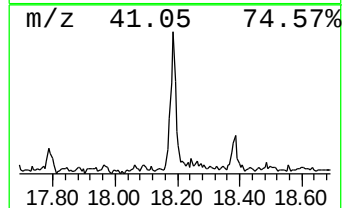
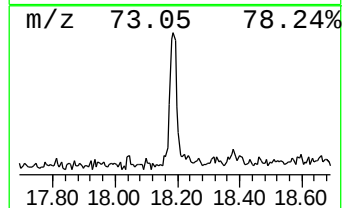
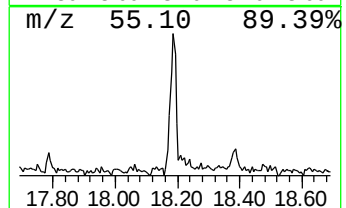
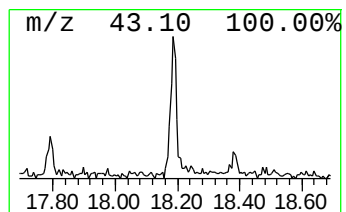
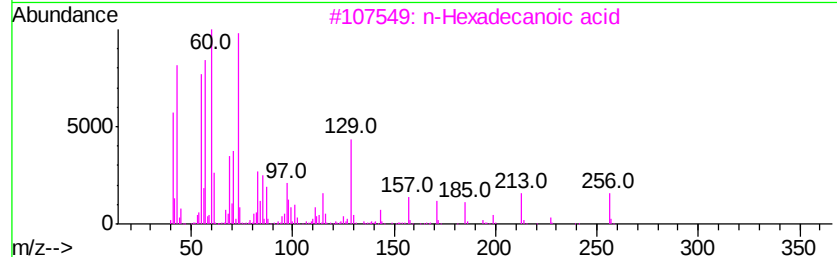
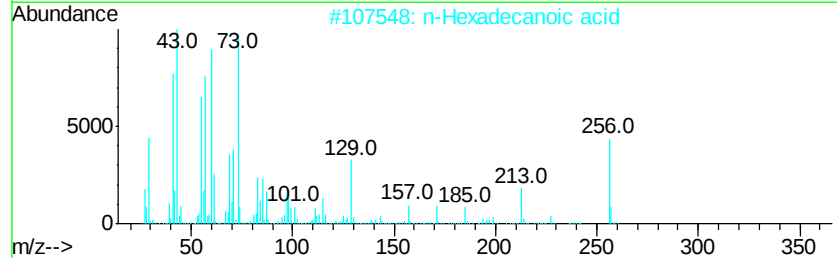
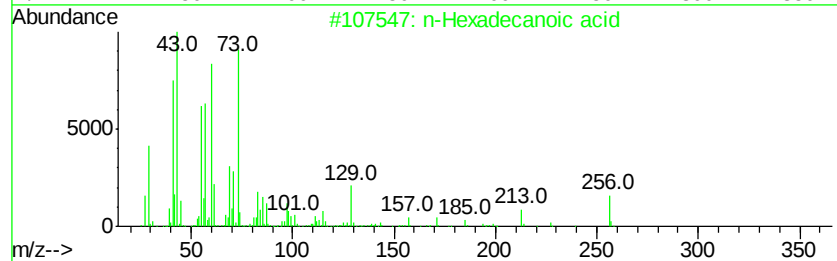
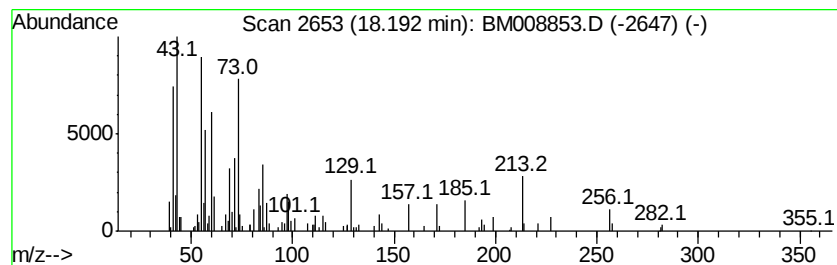
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	4.89 ng/ul	299402	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Tridecanoic acid	214	C13H26O2	000638-53-9	53
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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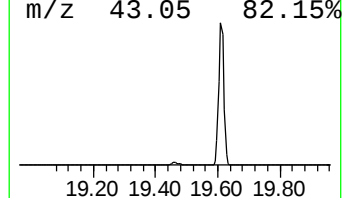
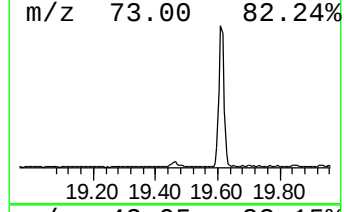
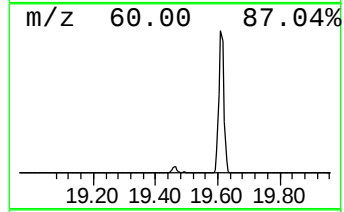
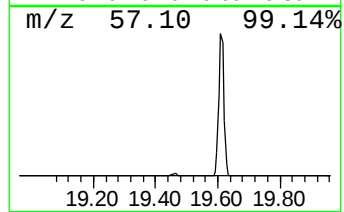
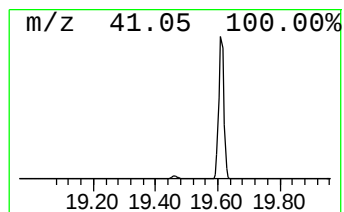
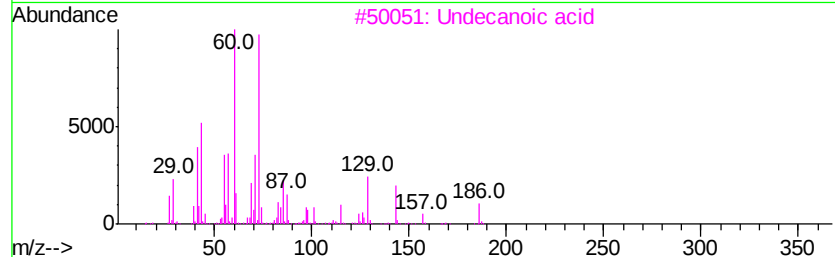
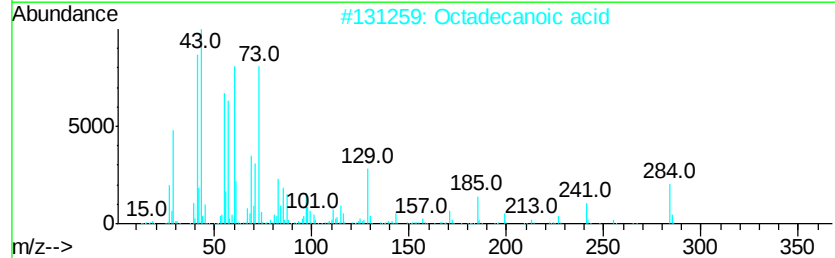
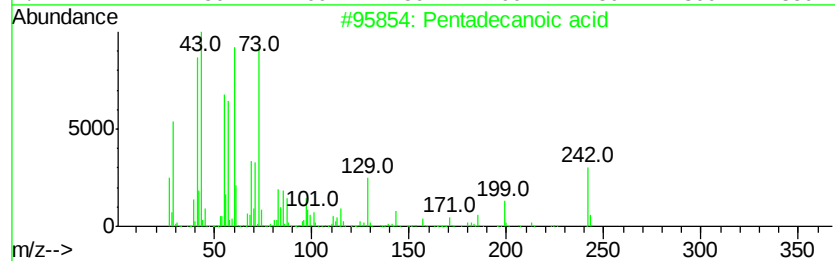
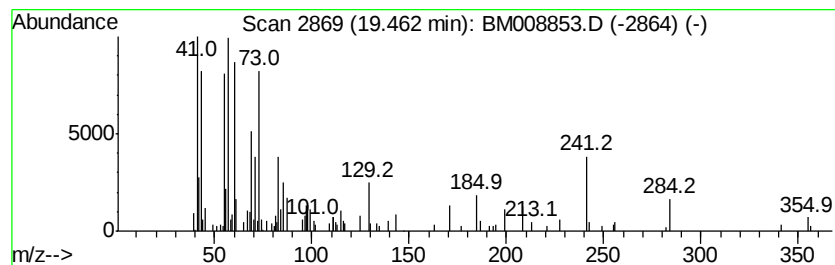
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Peak Number 2 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.53 ng/ul	201290	Chrysene-d12	21.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	78
2		Octadecanoic acid	284	C18H36O2	000057-11-4	60
3		Undecanoic acid	186	C11H22O2	000112-37-8	60
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	53
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



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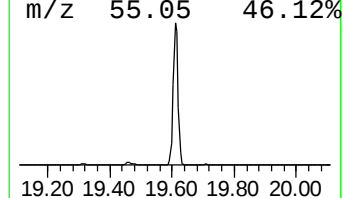
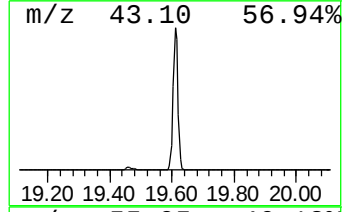
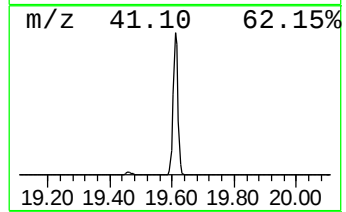
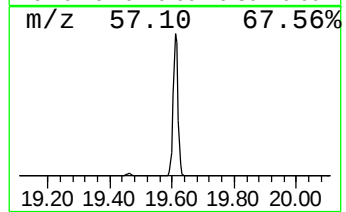
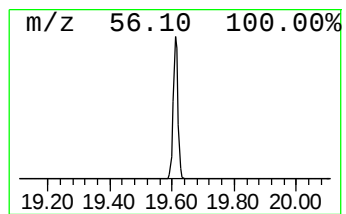
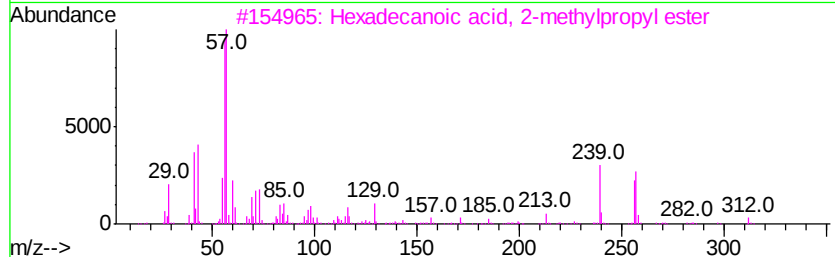
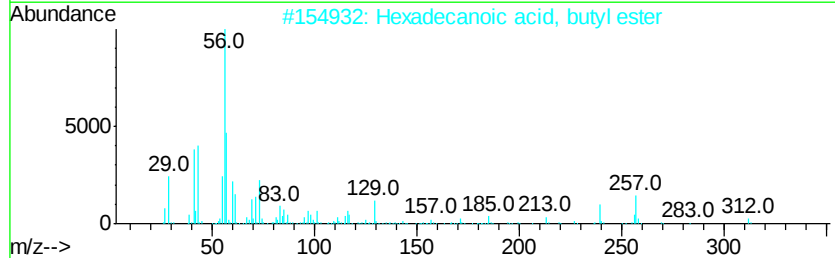
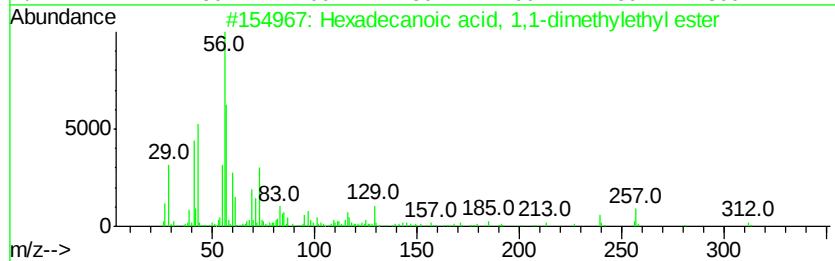
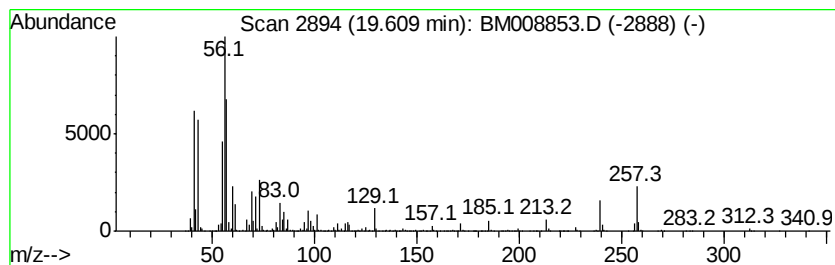
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Peak Number 3 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	109.99 ng/ul	8764220	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	92
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	83
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	58
5		Eicosanoic acid	312	C20H40O2	000506-30-9	42



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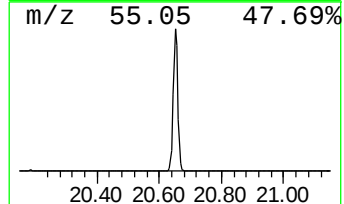
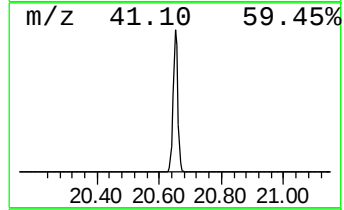
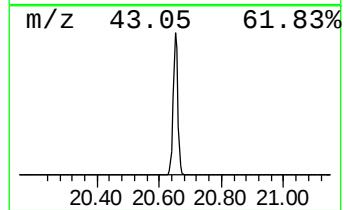
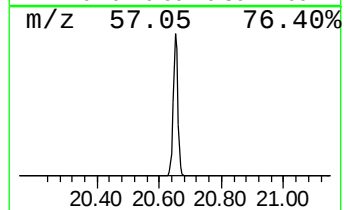
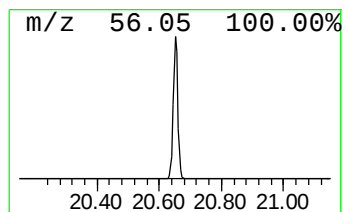
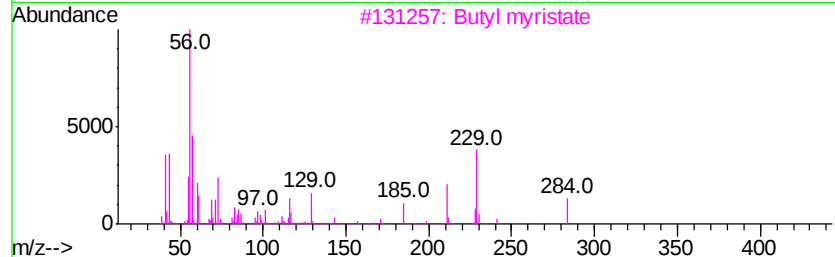
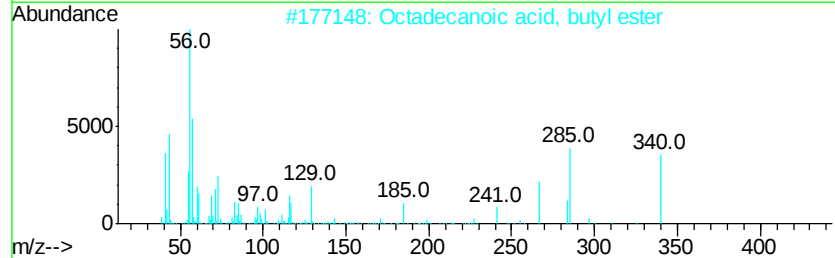
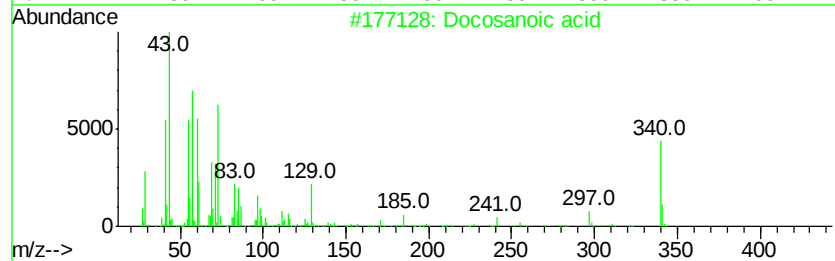
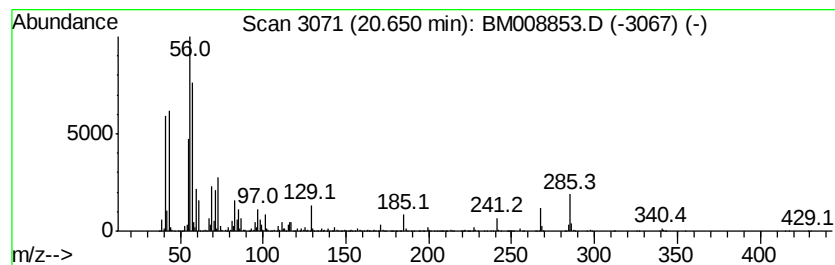
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Docosanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	92.25 ng/ul	7350440	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid	340	C22H44O2	000112-85-6	80
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	72
3		Butyl myristate	284	C18H36O2	000110-36-1	59
4		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	43
5		2-Methyl-1-octadecene	266	C19H38	061868-20-0	43



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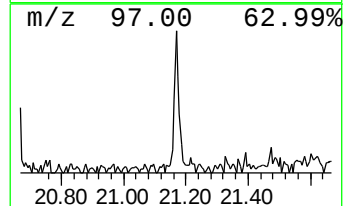
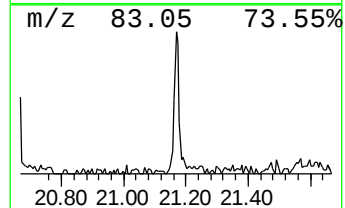
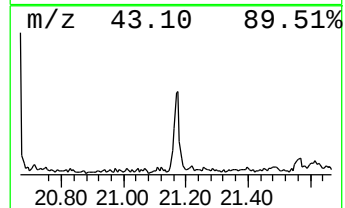
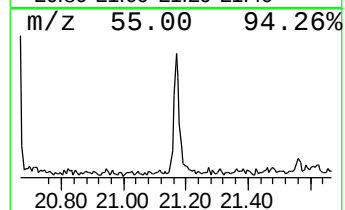
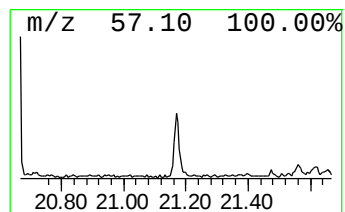
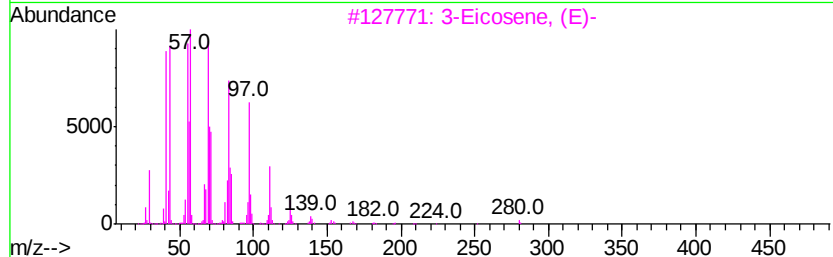
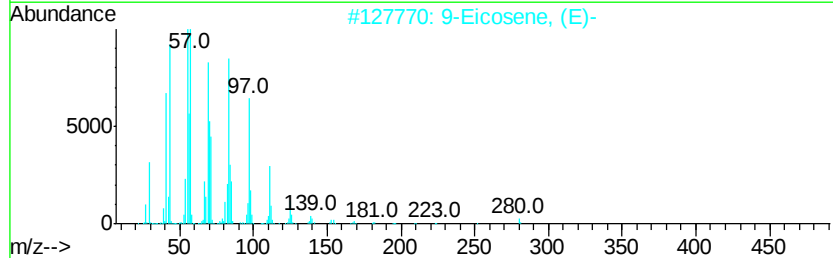
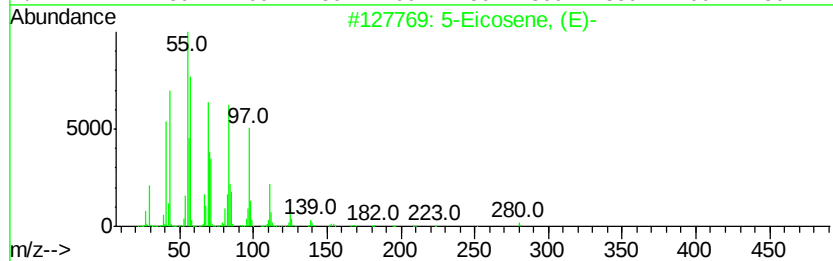
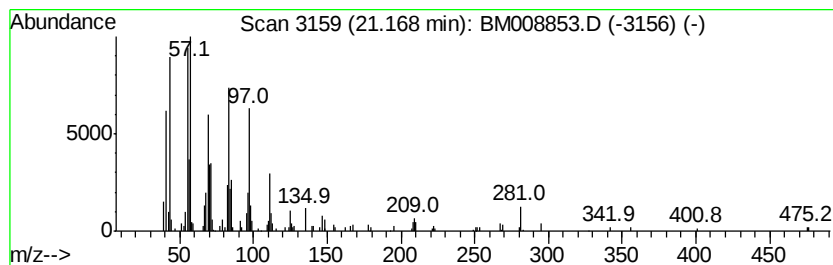
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Peak Number 5 (DEL) Alkane: Cyclic21.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.83 ng/ul	225098	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		17-Pentatriacontene	491	C35H70	006971-40-0	90
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.19	4.9	ng/ul	299402	4	17.32	1225200	20.0
Pentadecanoic acid	19.46	2.5	ng/ul	201290	5	21.48	1593610	20.0
Hexadecanoic acid...	19.61	110.0	ng/ul	8764220	5	21.48	1593610	20.0
Docosanoic acid	20.65	92.3	ng/ul	7350440	5	21.48	1593610	20.0
(DEL) Alkane: Cyc...	21.17	2.8	ng/ul	225098	5	21.48	1593610	20.0