

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
 Data File : BM008937.D
 Acq On : 31 Jan 2017 06:18
 Operator : SJ/MA
 Sample : I1467-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMT8

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-BM013017.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	7.069	754	762	773	rBV2	306195	544785	10.34%	1.905%
2	7.245	786	792	802	rBV	187335	287352	5.45%	1.005%
3	7.445	818	826	832	rVB2	287346	460186	8.73%	1.609%
4	7.916	900	906	912	rBV2	343347	543533	10.31%	1.901%
5	8.610	1016	1024	1034	rVB	328649	507848	9.63%	1.776%
6	9.081	1096	1104	1113	rBV	301885	493222	9.36%	1.725%
7	9.798	1220	1226	1233	rVB2	260751	416884	7.91%	1.458%
8	10.328	1309	1316	1327	rBV	328568	559682	10.62%	1.957%
9	10.716	1375	1382	1393	rVB	399476	670257	12.72%	2.344%
10	10.857	1398	1406	1417	rVB	218772	383394	7.27%	1.341%
11	13.957	1926	1933	1938	rBV	546488	749265	14.22%	2.620%
12	14.004	1938	1941	1946	rVB	118734	144733	2.75%	0.506%
13	14.251	1976	1983	1989	rBV	544918	799535	15.17%	2.796%
14	14.557	2027	2035	2041	rBV	571680	842491	15.98%	2.946%
15	14.739	2060	2066	2074	rBV	360124	497780	9.44%	1.741%
16	15.545	2197	2203	2209	rVB	730757	1031803	19.58%	3.608%
17	15.657	2216	2222	2229	rBV2	258150	351637	6.67%	1.230%
18	17.298	2495	2501	2508	rBV	736999	1070501	20.31%	3.743%
19	17.398	2512	2518	2525	rBV	858748	1215820	23.07%	4.251%
20	18.174	2645	2650	2655	rBV	214872	293645	5.57%	1.027%
21	19.321	2838	2845	2852	rBV10	26777	65441	1.24%	0.229%
22	19.445	2861	2866	2870	rBV2	156574	195632	3.71%	0.684%
23	19.598	2886	2892	2898	rBV	4951709	5270944	100.00%	18.431%
24	19.686	2902	2907	2913	rBV	1095327	1466743	27.83%	5.129%
25	20.639	3064	3069	3074	rBV	4816793	4874268	92.47%	17.044%
26	21.156	3154	3157	3163	rBV3	169530	211840	4.02%	0.741%
27	21.468	3205	3210	3216	rBV	1204565	1549361	29.39%	5.418%
28	23.674	3578	3585	3593	rBV	852347	1687272	32.01%	5.900%
29	23.827	3604	3611	3619	rVB	696867	1412437	26.80%	4.939%

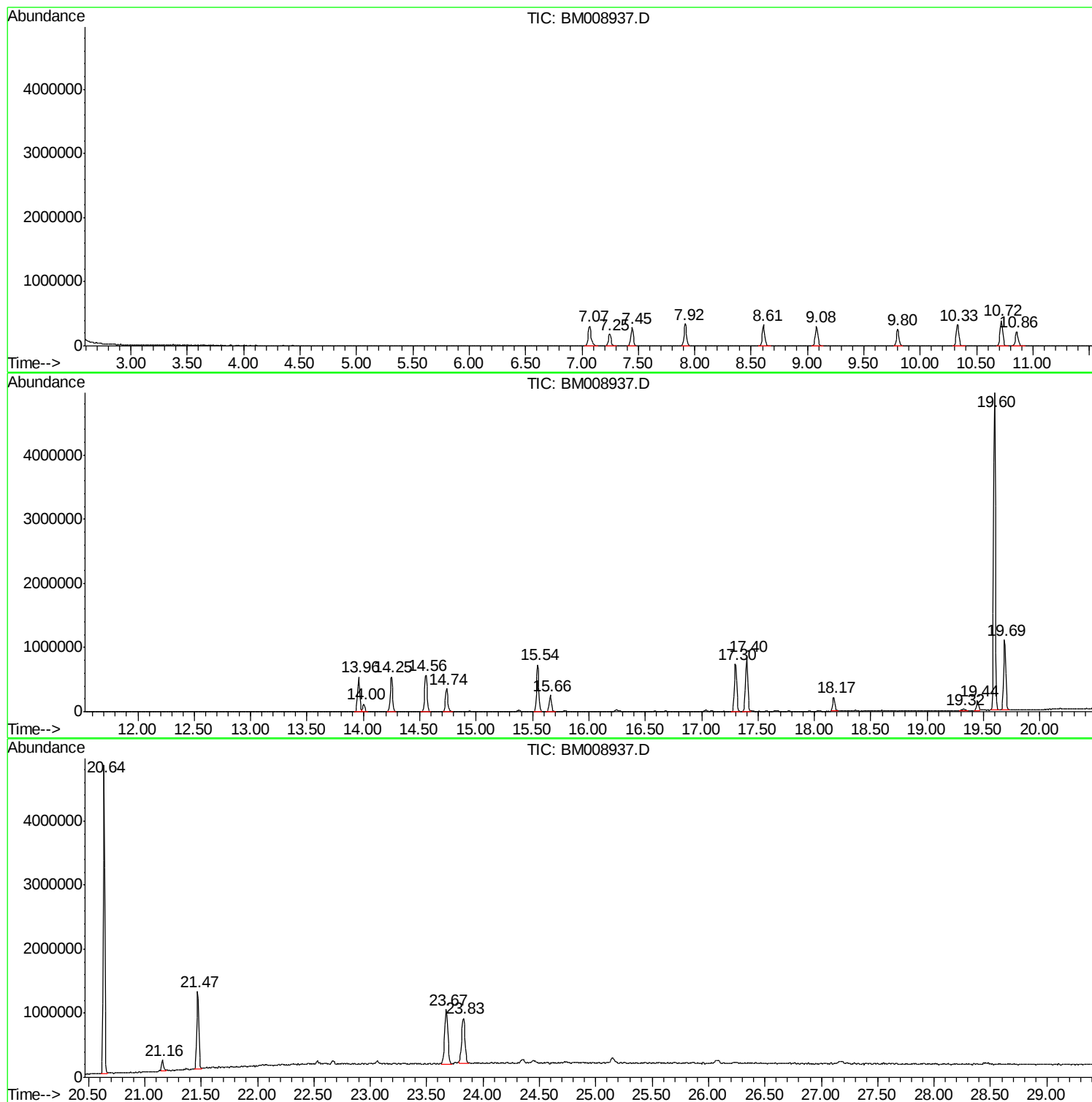
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ClientSampled :
BDMT8

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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



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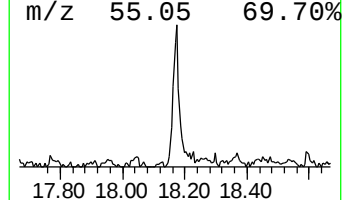
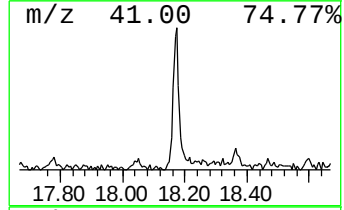
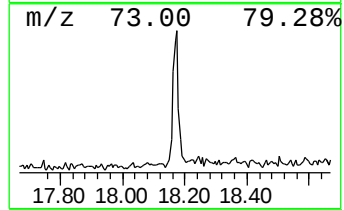
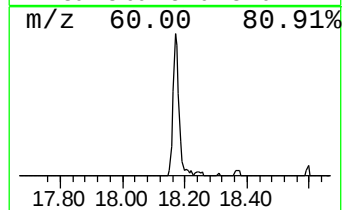
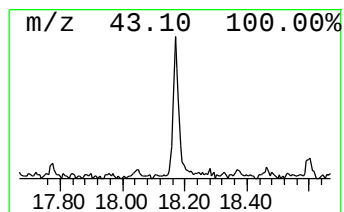
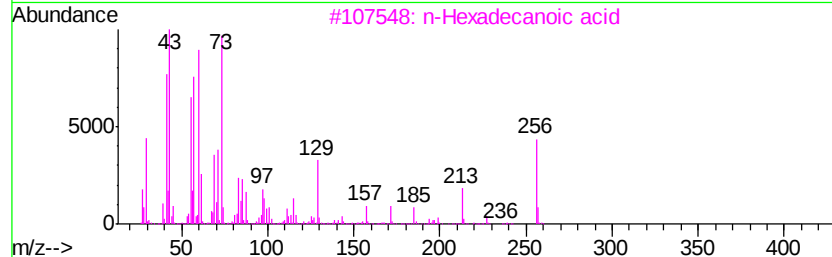
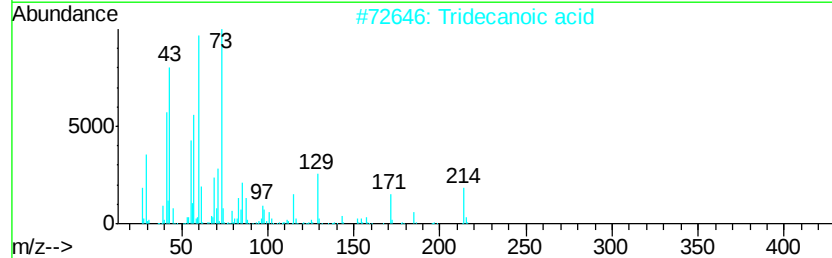
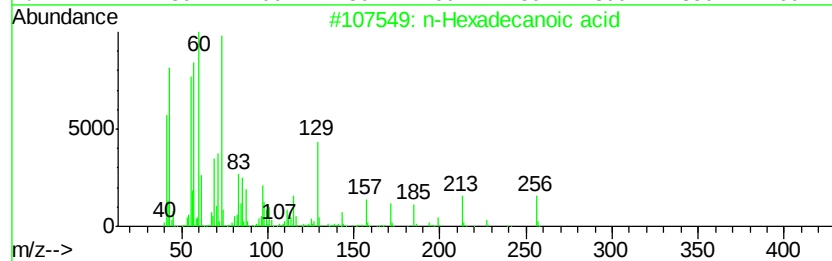
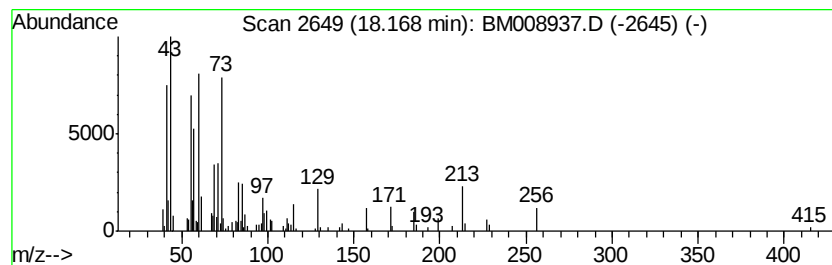
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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.
18.17	5.49 ng/ul	293645	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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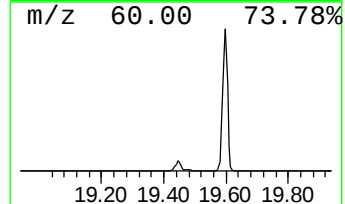
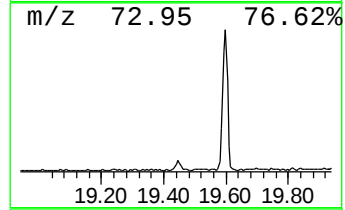
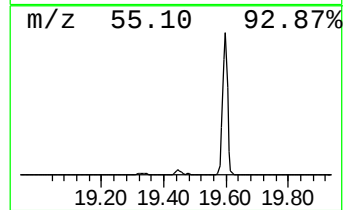
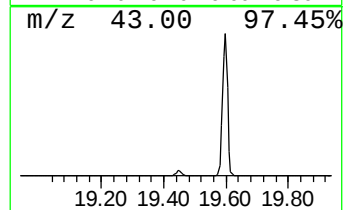
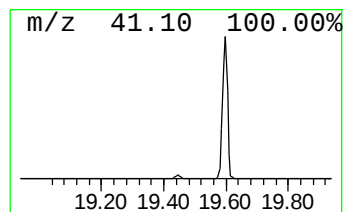
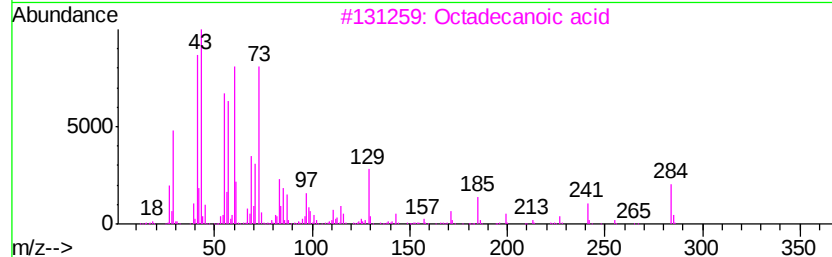
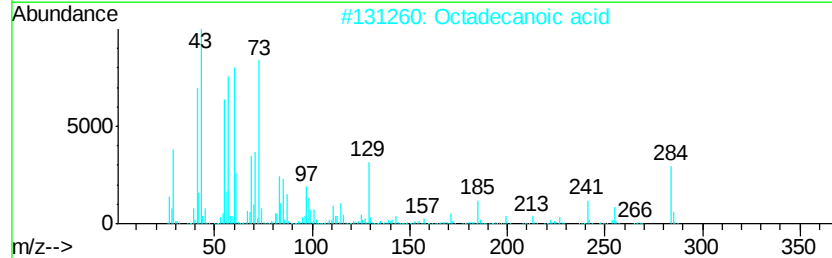
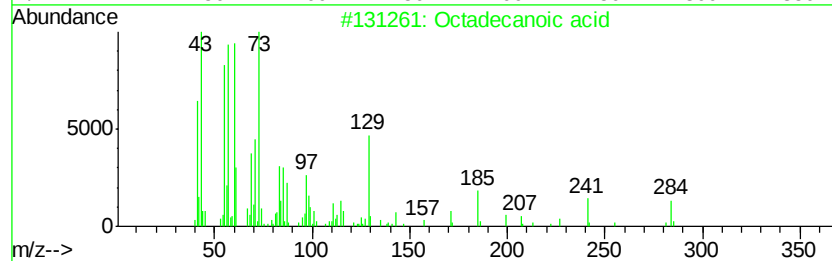
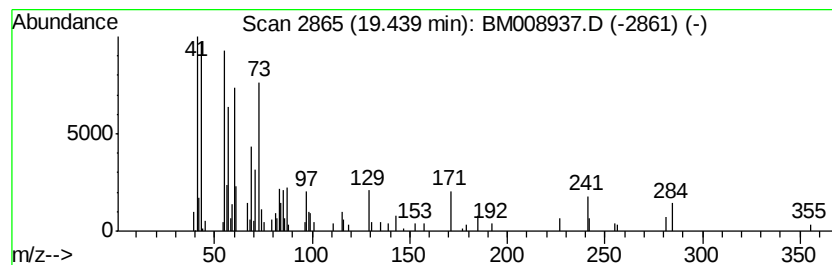
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Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	2.53 ng/ul	195632	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	91



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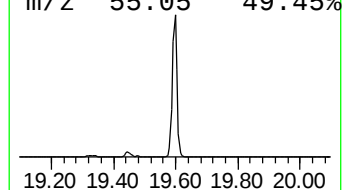
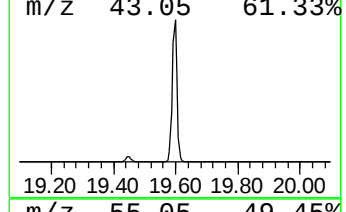
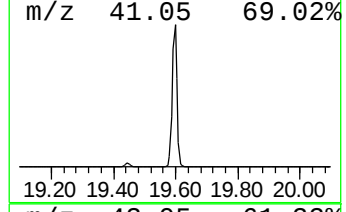
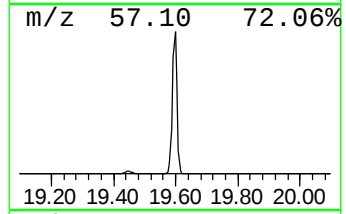
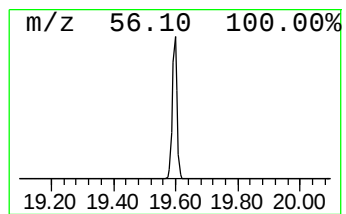
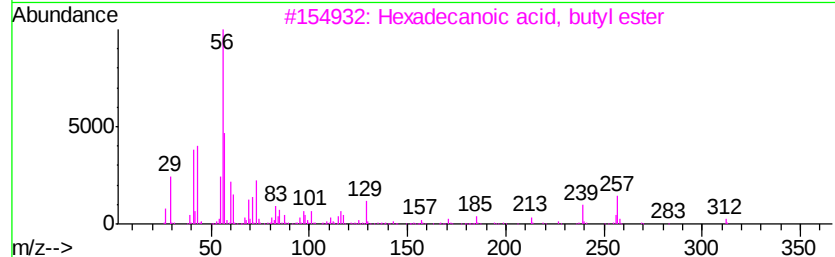
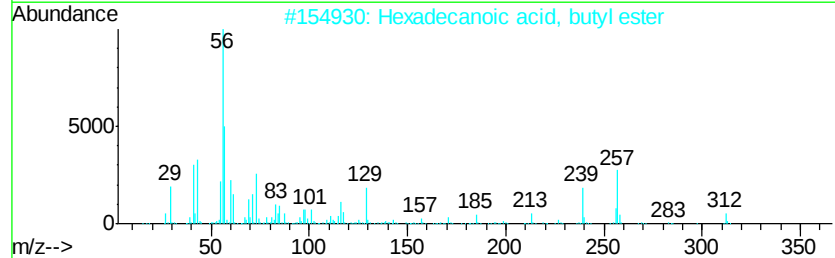
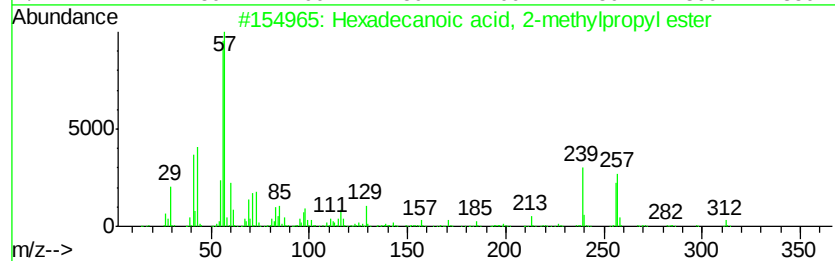
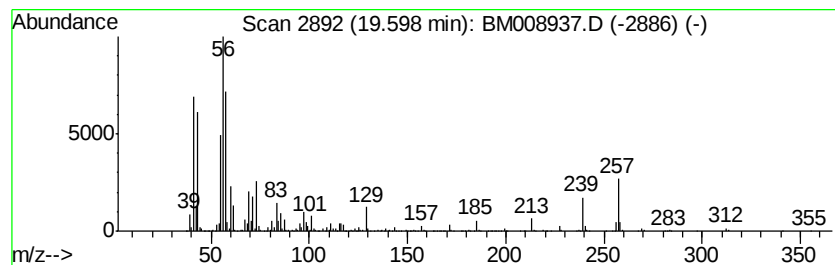
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Peak Number 3 Hexadecanoic acid, 2-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	68.04 ng/ul	5270940	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
4		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
5		Eicosanoic acid	312	C20H40O2	000506-30-9	42



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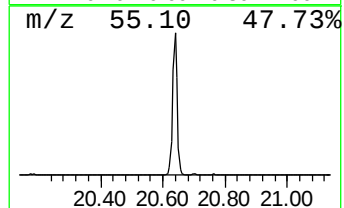
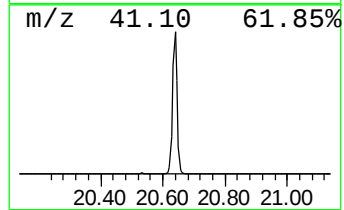
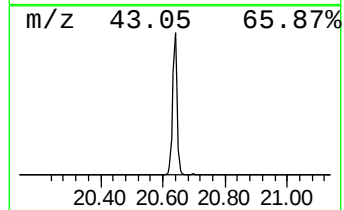
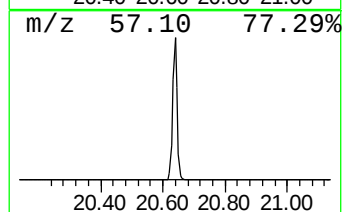
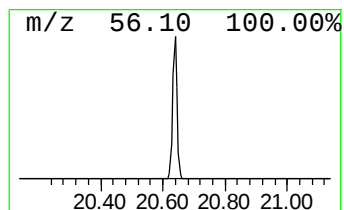
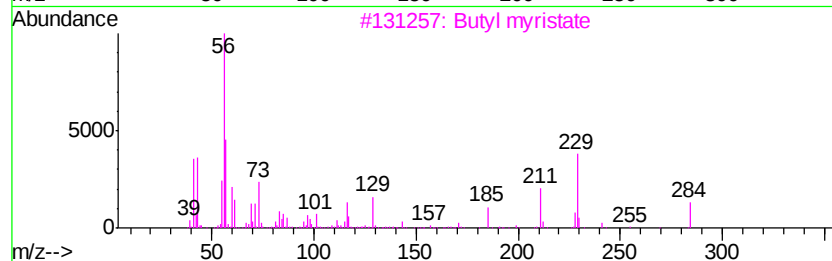
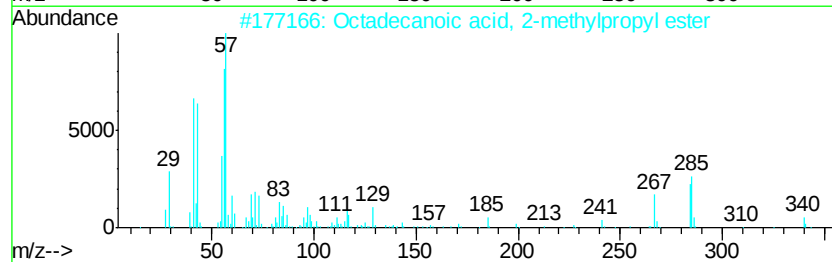
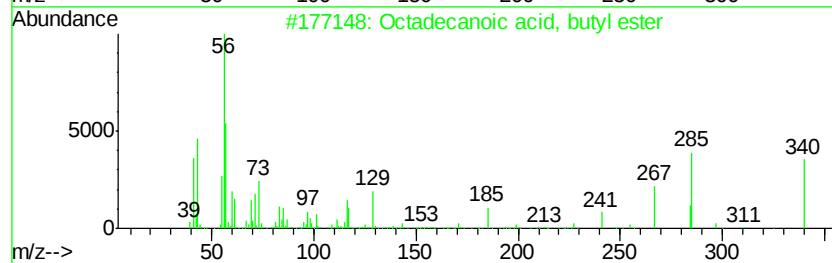
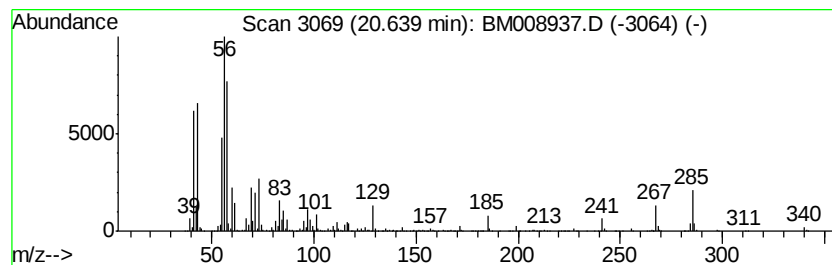
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	62.92 ng/ul	4874270	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	80
3		Butyl myristate	284	C18H36O2	000110-36-1	64
4		Docosanoic acid	340	C22H44O2	000112-85-6	42
5		2-Isopropyl-3-vinylloxirane	112	C7H12O	070777-23-0	38



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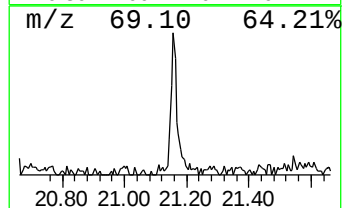
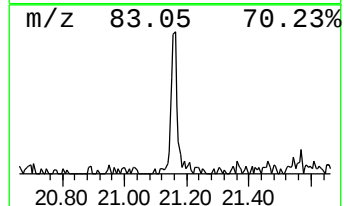
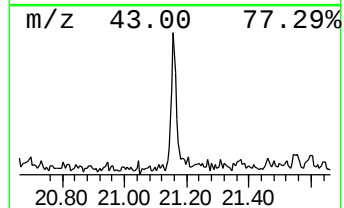
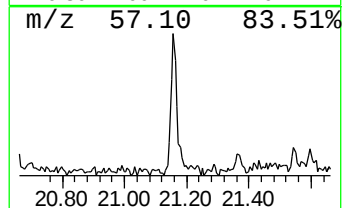
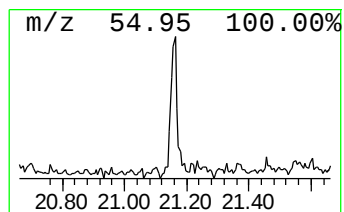
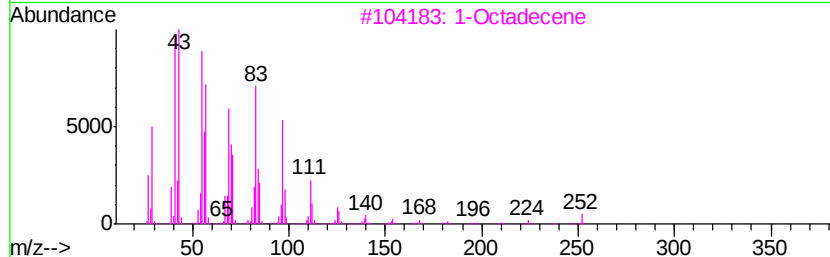
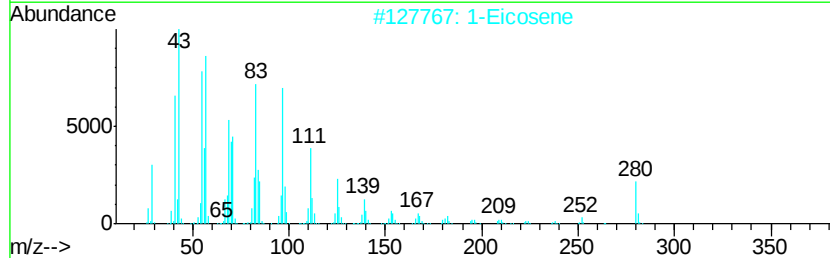
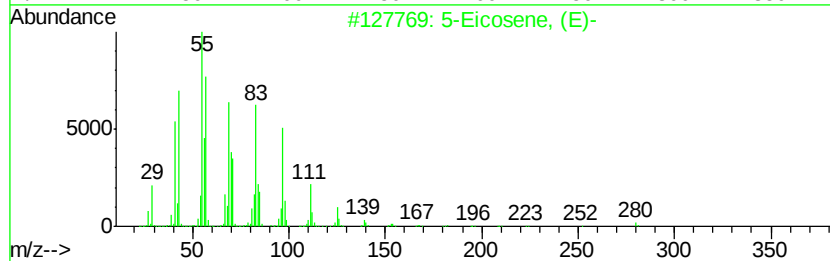
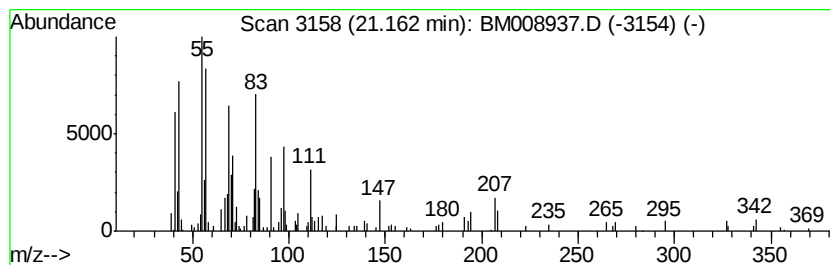
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 (DEL) Alkane: Cyclic21.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.73 ng/ul	211840	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2		1-Eicosene	280	C20H40	003452-07-1	93
3		1-Octadecene	252	C18H36	000112-88-9	89
4		Cyclopentane, decyl-	210	C15H30	001795-21-7	89
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.17	5.5	ng/ul	293645	4	17.30	1070500	20.0
Octadecanoic acid	19.44	2.5	ng/ul	195632	5	21.47	1549360	20.0
Hexadecanoic acid...	19.60	68.0	ng/ul	5270940	5	21.47	1549360	20.0
Octadecanoic acid...	20.64	62.9	ng/ul	4874270	5	21.47	1549360	20.0
(DEL) Alkane: Cyc...	21.16	2.7	ng/ul	211840	5	21.47	1549360	20.0