

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008797.D
 Acq On : 22 Jan 2017 07:14
 Operator : UM/SJ
 Sample : I1316-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDNZ9

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-BM010617.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	7.098	759	767	777	rBV2	354861	648841	13.29%	2.104%
2	7.275	791	797	804	rBV	225976	352413	7.22%	1.143%
3	7.475	824	831	839	rBV2	351480	572569	11.72%	1.857%
4	7.951	905	912	918	rBV	363920	601130	12.31%	1.949%
5	8.639	1023	1029	1036	rBV2	359745	564750	11.56%	1.831%
6	9.110	1102	1109	1117	rVB	360703	596408	12.21%	1.934%
7	9.834	1225	1232	1240	rVB2	309770	519504	10.64%	1.684%
8	10.363	1315	1322	1330	rBV	433517	707171	14.48%	2.293%
9	10.751	1381	1388	1395	rVB	441498	726331	14.87%	2.355%
10	10.886	1403	1411	1417	rBV	247523	415607	8.51%	1.348%
11	13.986	1932	1938	1942	rBV	607355	858189	17.57%	2.783%
12	14.027	1942	1945	1952	rVB	231074	317437	6.50%	1.029%
13	14.274	1980	1987	1994	rBV	700054	1009495	20.67%	3.273%
14	14.580	2033	2039	2045	rVB	625511	928199	19.01%	3.010%
15	14.757	2062	2069	2076	rBV	335218	472999	9.69%	1.534%
16	15.404	2175	2179	2184	rVB2	46465	59376	1.22%	0.193%
17	15.568	2202	2207	2213	rBV	929841	1277240	26.15%	4.141%
18	15.680	2219	2226	2236	rBV	273217	402965	8.25%	1.307%
19	16.268	2321	2326	2334	rBV	57911	99049	2.03%	0.321%
20	17.062	2457	2461	2466	rVB	56256	64346	1.32%	0.209%
21	17.321	2498	2505	2511	rBV	873209	1232484	25.24%	3.996%
22	17.421	2515	2522	2529	rVB	1074772	1548643	31.71%	5.021%
23	17.798	2581	2586	2593	rBV2	63861	80608	1.65%	0.261%
24	18.192	2648	2653	2659	rBV	108228	148890	3.05%	0.483%
25	19.468	2866	2870	2875	rBV5	62053	78576	1.61%	0.255%
26	19.615	2890	2895	2901	rVB	4279873	4883561	100.00%	15.835%
27	19.703	2905	2910	2919	rBV	1485095	1969427	40.33%	6.386%
28	20.656	3067	3072	3077	rBV	3980927	4379480	89.68%	14.200%
29	21.180	3157	3161	3165	rBV2	155832	194497	3.98%	0.631%
30	21.486	3208	3213	3218	rVB	1339859	1699735	34.81%	5.511%
31	23.691	3582	3588	3596	rVB2	971764	1935229	39.63%	6.275%
32	23.844	3608	3614	3622	rVB	736808	1495761	30.63%	4.850%

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Integrator: RTE
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Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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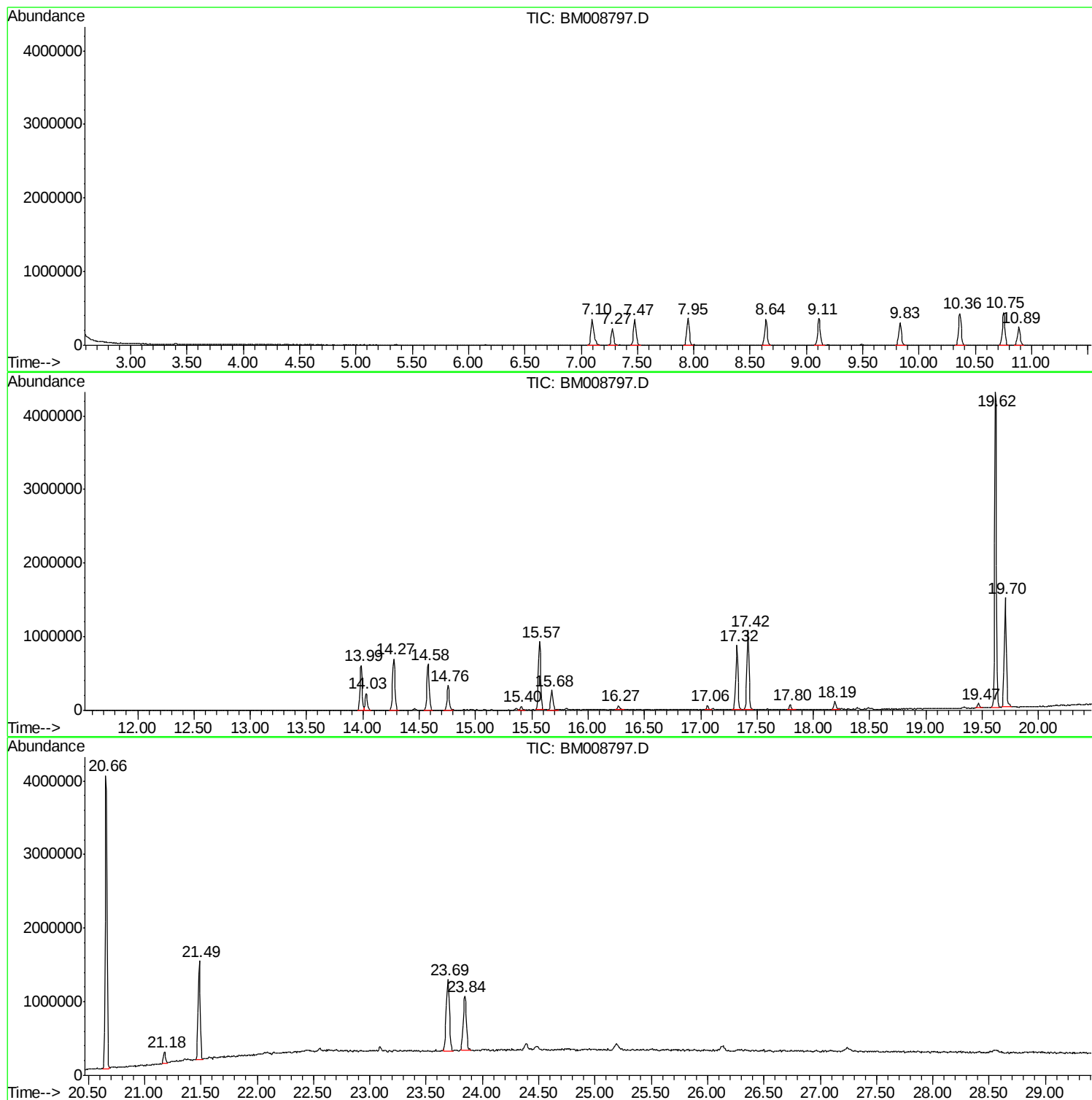
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



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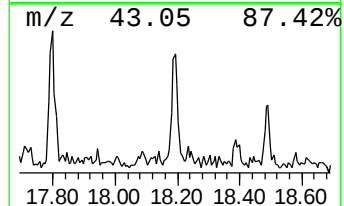
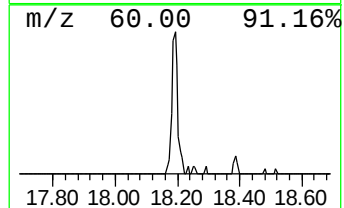
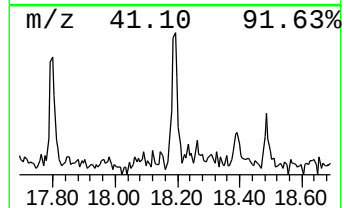
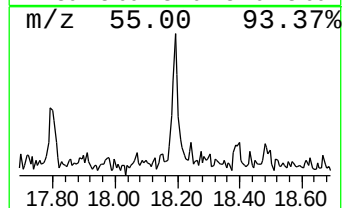
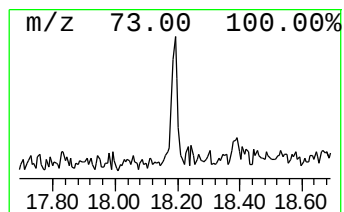
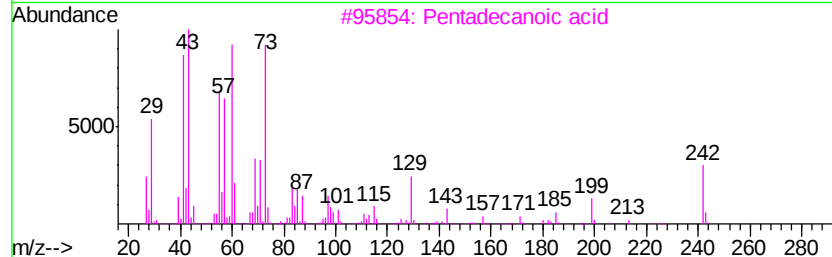
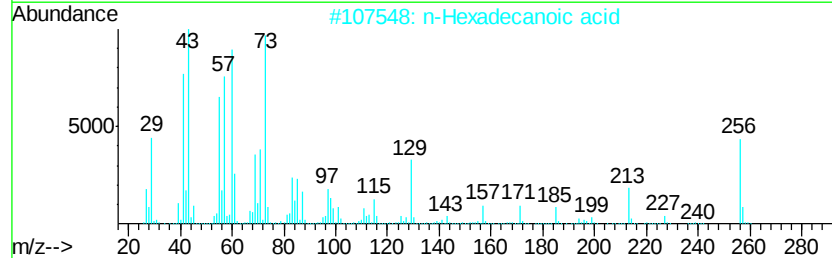
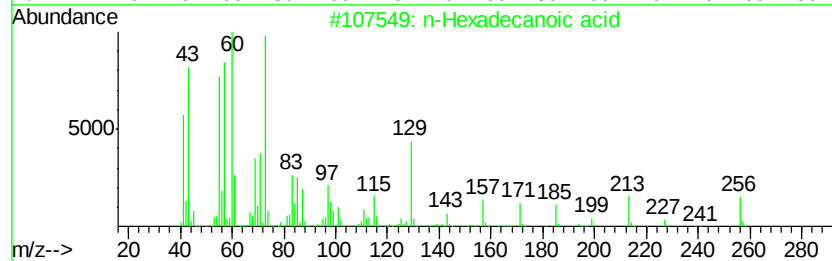
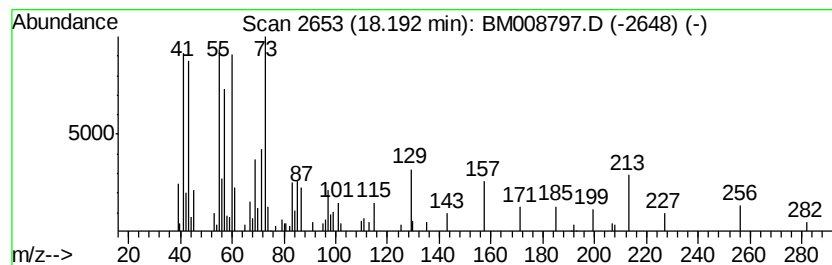
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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.	
18.19	2.42 ng/ul	148890	Phenanthrene-d10		17.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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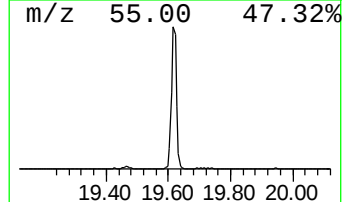
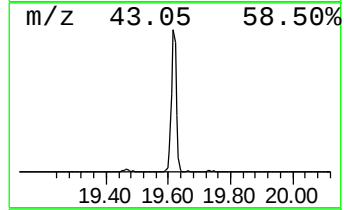
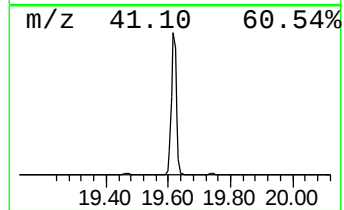
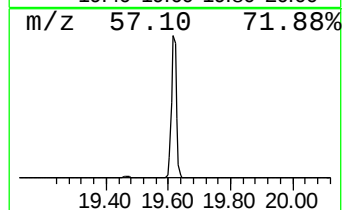
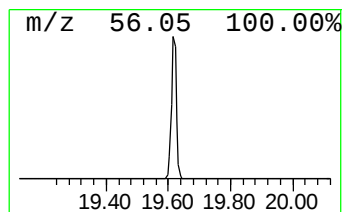
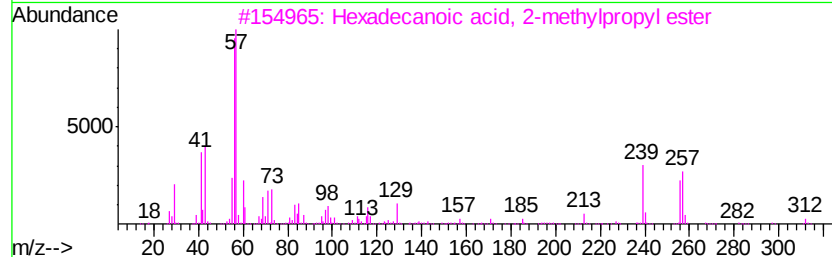
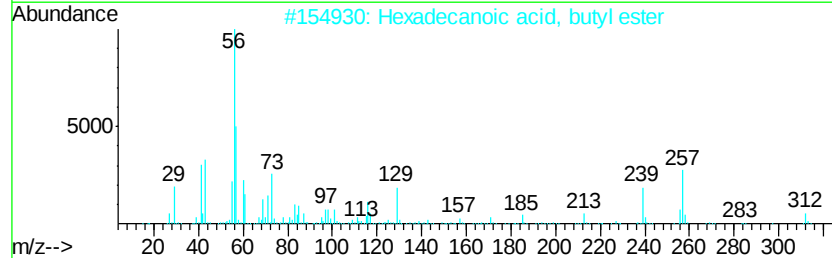
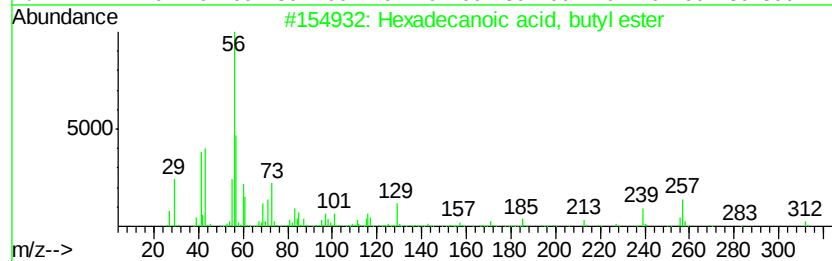
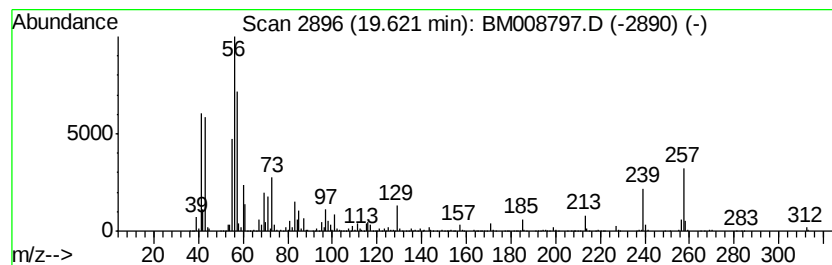
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	57.46 ng/ul	4883560	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	80
4		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	72
5		Eicosanoic acid	312	C20H40O2	000506-30-9	55



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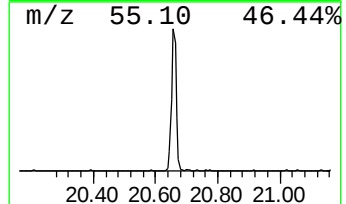
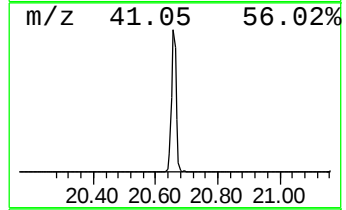
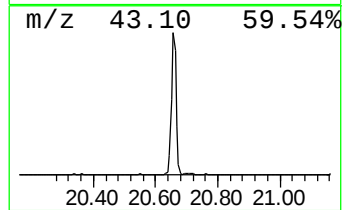
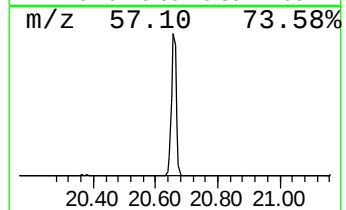
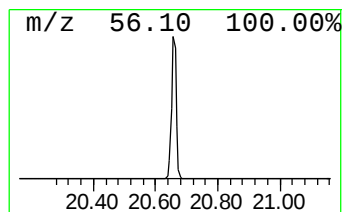
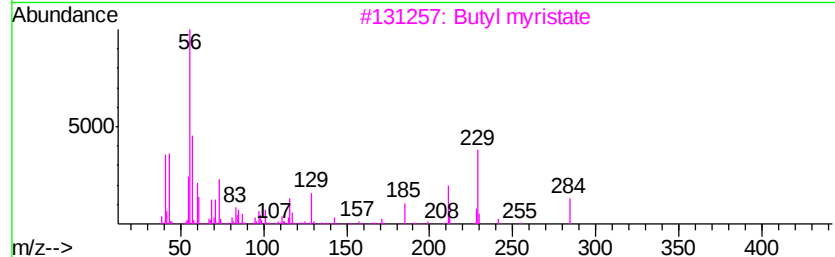
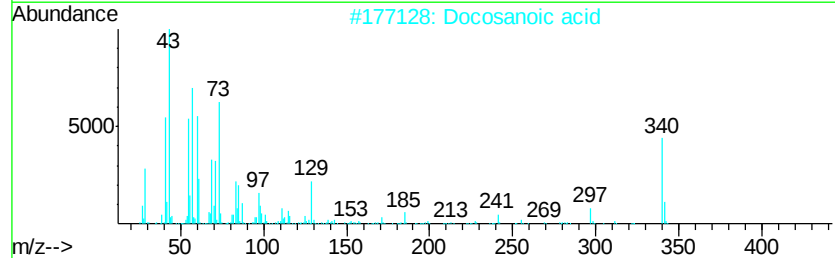
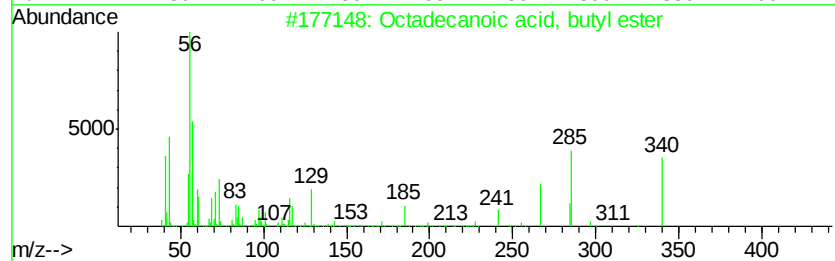
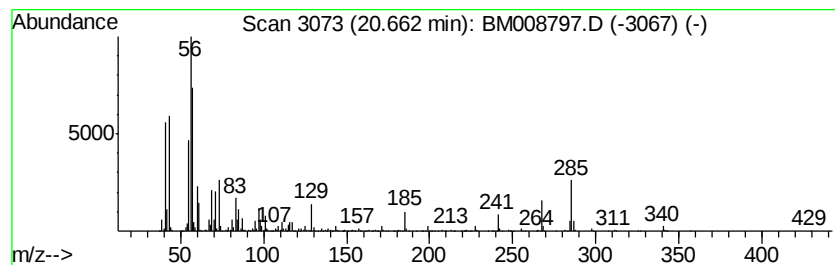
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	51.53 ng/ul	4379480	Chrysene-d12	21.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanoic acid, butyl ester	340 C22H44O2	000123-95-5 78
2		Docosanoic acid	340 C22H44O2	000112-85-6 70
3		Butyl myristate	284 C18H36O2	000110-36-1 64
4		Docosanoic acid	340 C22H44O2	000112-85-6 49
5		2-Isopropyl-3-vinylloxirane	112 C7H12O	070777-23-0 38



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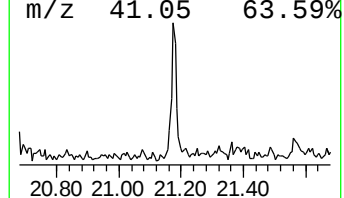
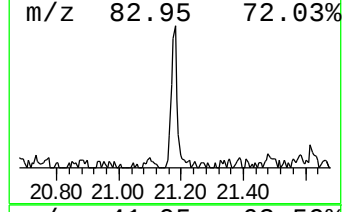
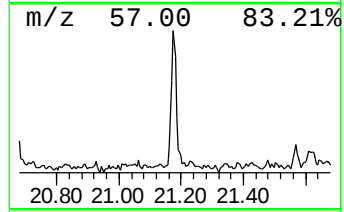
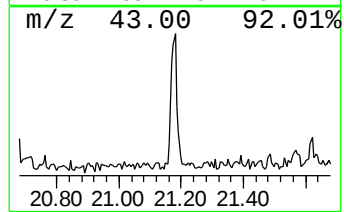
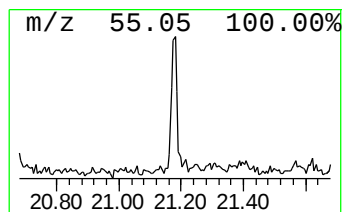
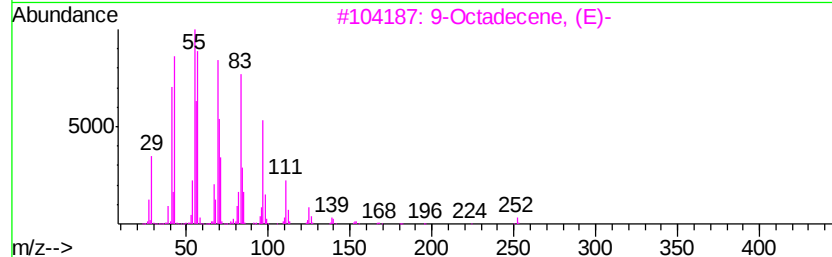
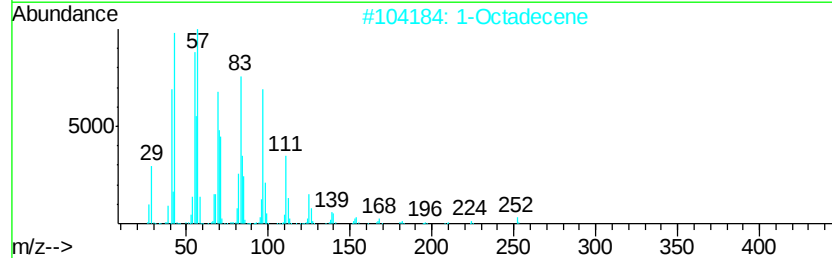
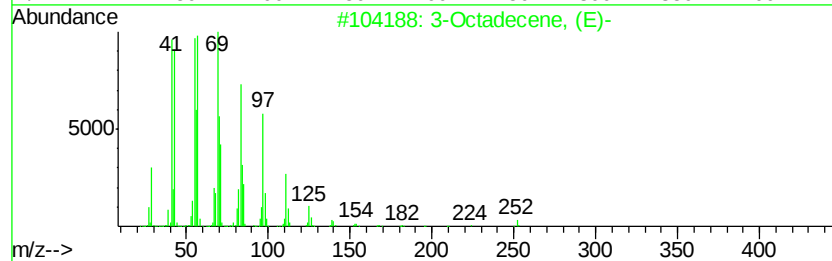
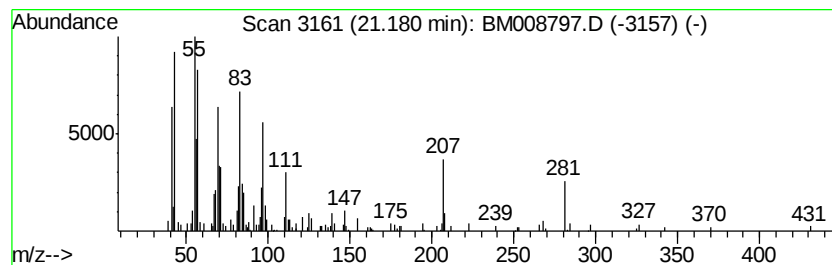
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.18 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	2.29 ng/ul	194497	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91
2		1-Octadecene	252	C18H36	000112-88-9	86
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	78
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	70
5		Cyclotetracosane	336	C24H48	000297-03-0	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.19	2.4	ng/ul	148890	4	17.32	1232480	20.0
Hexadecanoic acid...	19.62	57.5	ng/ul	4883560	5	21.49	1699740	20.0
Octadecanoic acid...	20.66	51.5	ng/ul	4379480	5	21.49	1699740	20.0
(DEL) Alkane: Cyc...	21.18	2.3	ng/ul	194497	5	21.49	1699740	20.0