

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008883.D
 Acq On : 26 Jan 2017 19:49
 Operator : SJ/MA
 Sample : I1425-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDPB3

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	7.257	787	794	802	rBV	330903	505402	2.24%	0.764%
2	7.457	821	828	834	rBV	425318	703051	3.12%	1.063%
3	7.928	901	908	913	rBV	353239	570825	2.53%	0.863%
4	8.622	1018	1026	1034	rBV2	308822	514847	2.28%	0.779%
5	9.093	1099	1106	1112	rBV	546188	892779	3.96%	1.350%
6	9.810	1221	1228	1237	rBV	494763	820497	3.64%	1.241%
7	10.339	1312	1318	1327	rBV	592898	983004	4.36%	1.487%
8	10.734	1377	1385	1390	rBV	414870	707870	3.14%	1.071%
9	13.969	1929	1935	1945	rVB	1044569	1405183	6.24%	2.125%
10	14.257	1978	1984	1992	rBV	959544	1436680	6.38%	2.173%
11	14.563	2030	2036	2043	rVB	578406	860037	3.82%	1.301%
12	15.557	2199	2205	2213	rVB2	1252601	1757525	7.80%	2.658%
13	15.669	2216	2224	2232	rBV	520009	728937	3.23%	1.102%
14	17.310	2497	2503	2511	rVB	743904	1025868	4.55%	1.552%
15	17.410	2511	2520	2529	rBV	1399729	1953338	8.67%	2.954%
16	17.968	2609	2615	2620	rBV	260021	331685	1.47%	0.502%
17	18.186	2646	2652	2661	rBV	711329	946715	4.20%	1.432%
18	19.462	2863	2869	2875	rBV	776390	1025703	4.55%	1.551%
19	19.609	2889	2894	2898	rBV	22086360	22533763	100.00%	34.081%
20	19.698	2903	2909	2920	rVB	1689097	2215325	9.83%	3.351%
21	20.651	3065	3071	3075	rBV	19835603	19450930	86.32%	29.419%
22	21.480	3207	3212	3218	rVB	1065353	1377686	6.11%	2.084%
23	23.686	3580	3587	3596	rVB2	1129582	2193838	9.74%	3.318%
24	23.839	3607	3613	3622	rVB2	587014	1175878	5.22%	1.778%

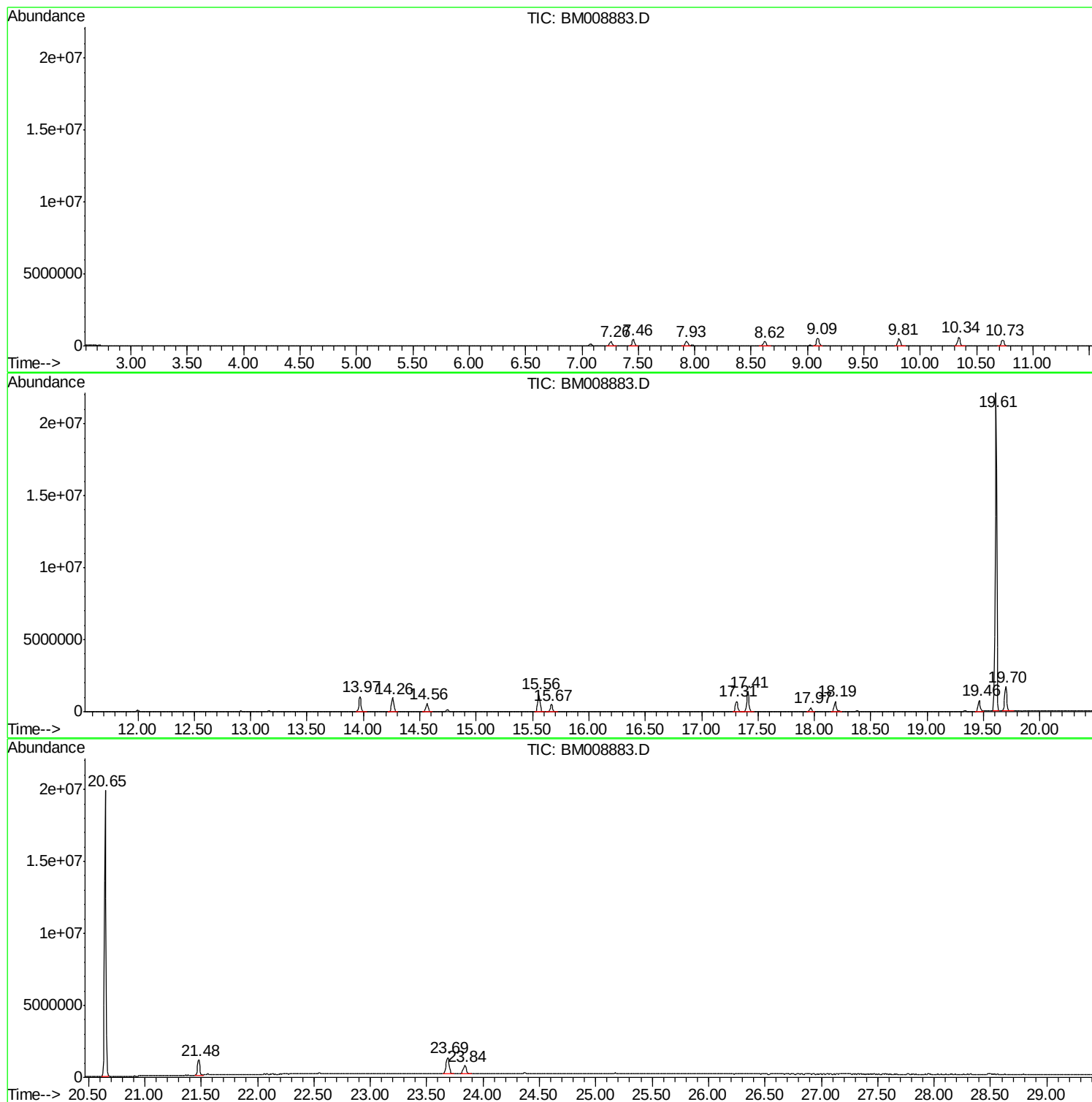
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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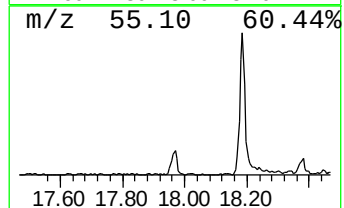
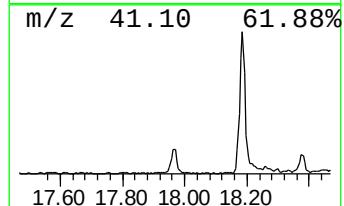
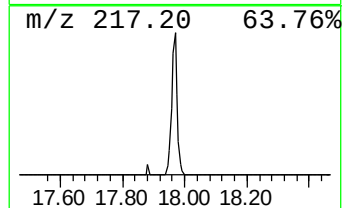
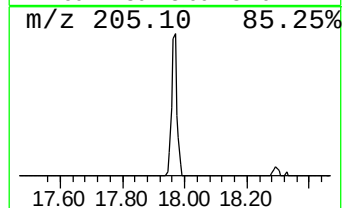
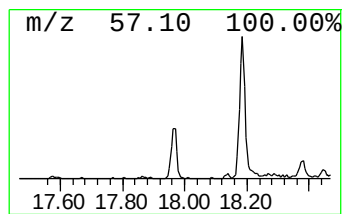
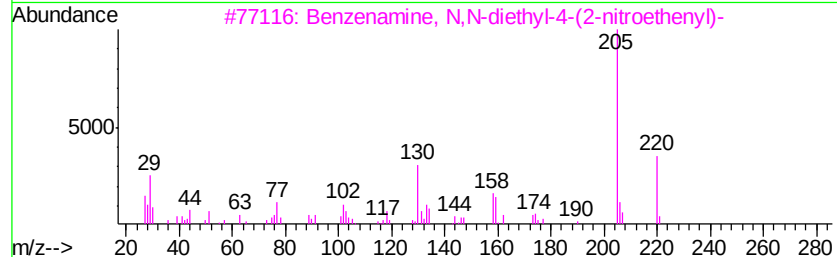
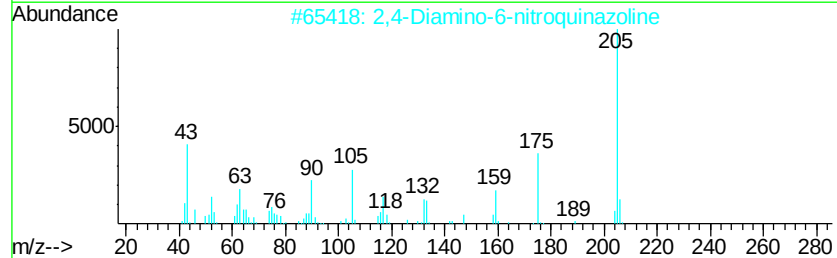
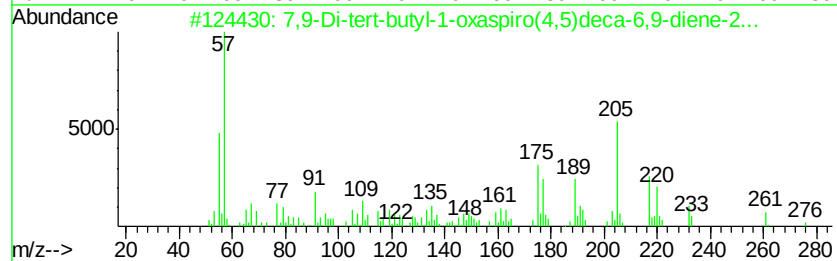
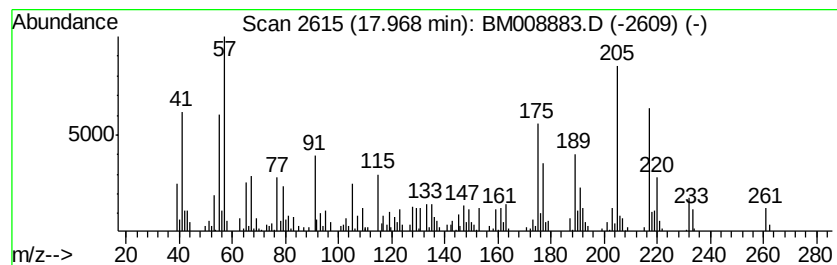
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.47 ng/ul	331685	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	86
2		2,4-Diamino-6-nitroquinazoline	205	C8H7N5O2	007154-34-9	42
3		Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	30
4		2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	30
5		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	27



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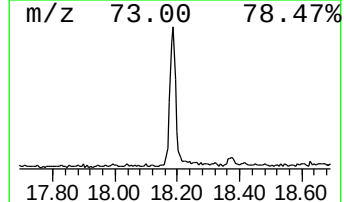
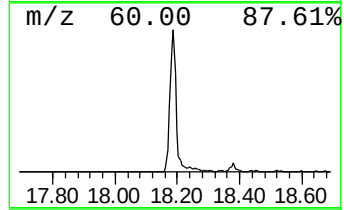
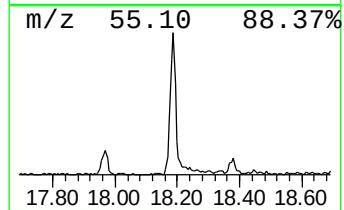
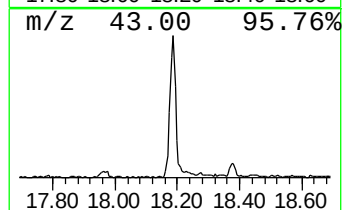
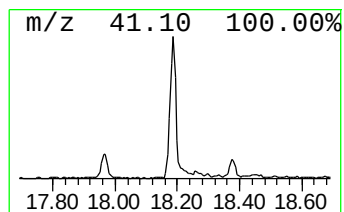
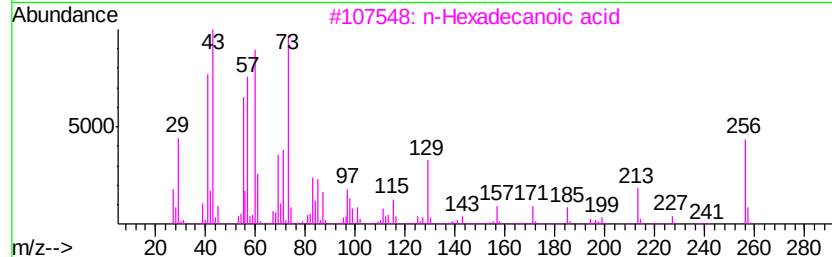
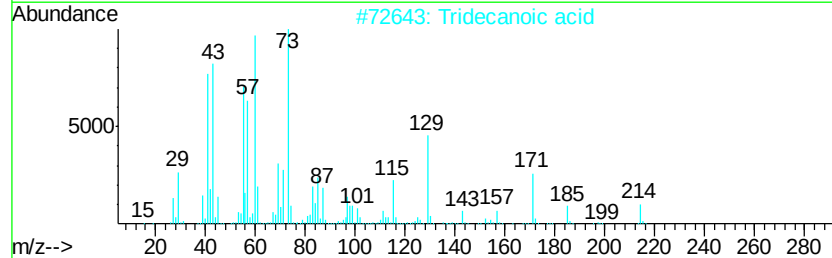
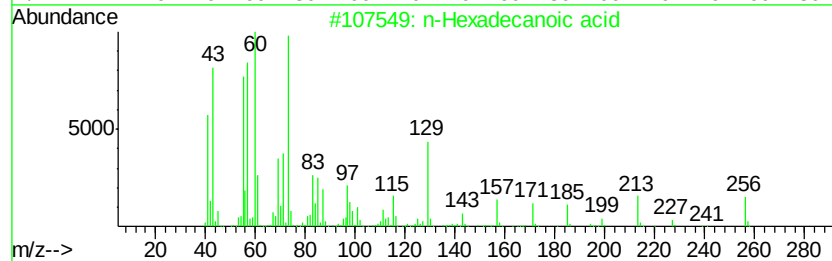
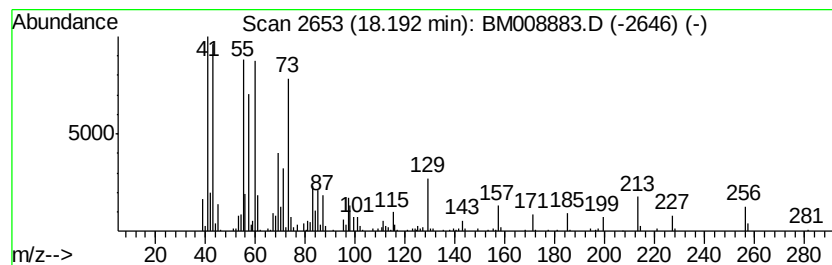
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.19	18.46 ng/ul	946715	Phenanthrene-d10	17.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Dodecanoic acid	200	C12H24O2	000143-07-7	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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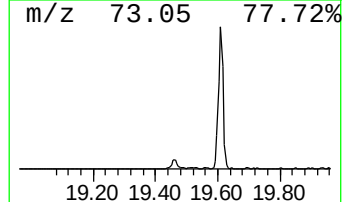
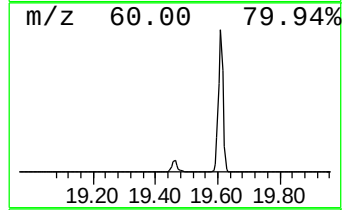
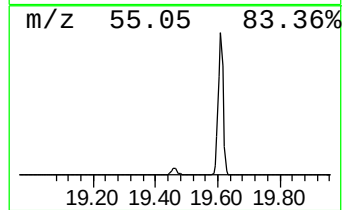
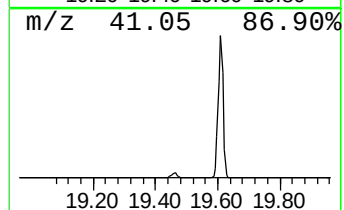
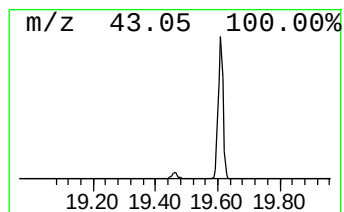
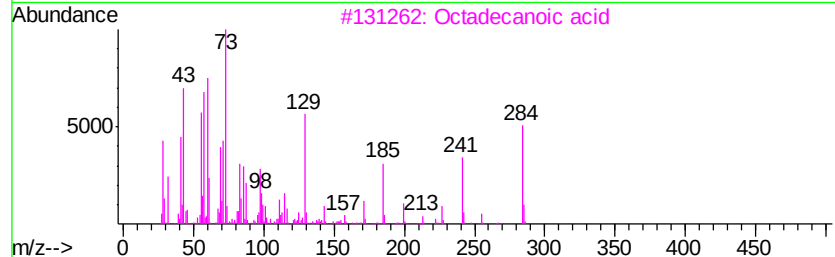
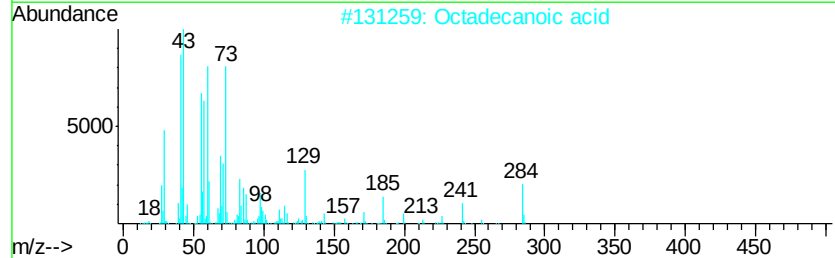
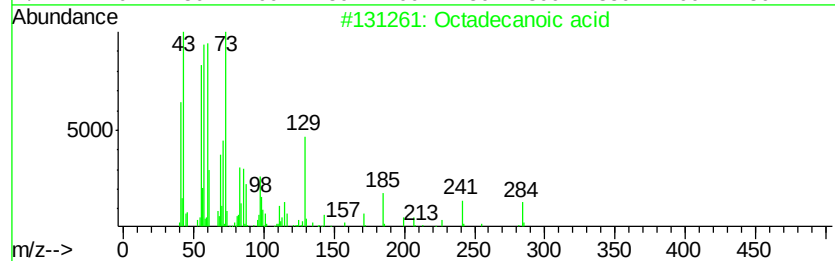
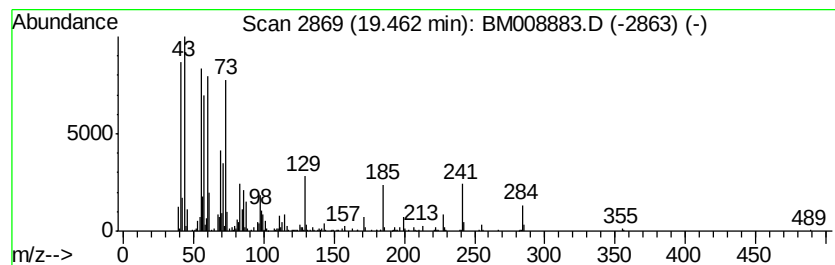
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	14.89 ng/ul	1025700	Chrysene-d12	21.48

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	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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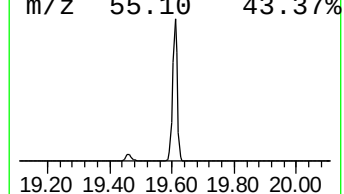
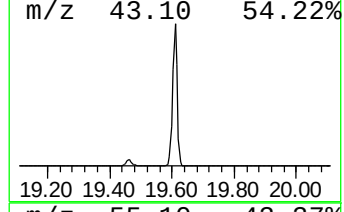
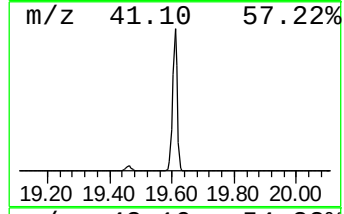
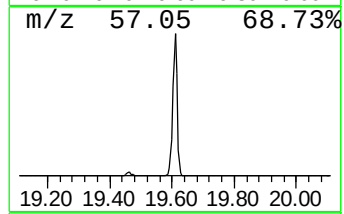
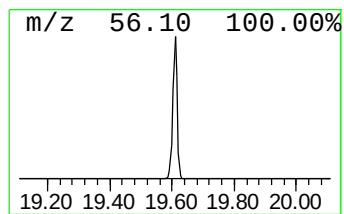
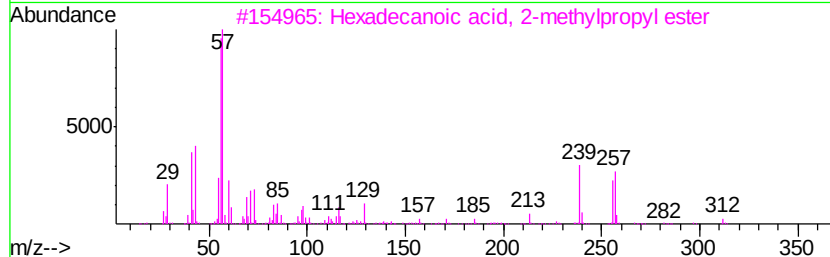
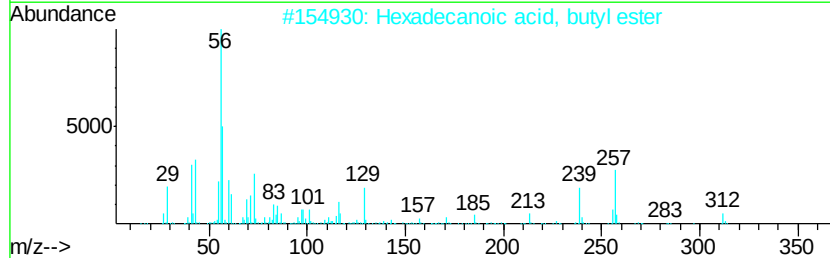
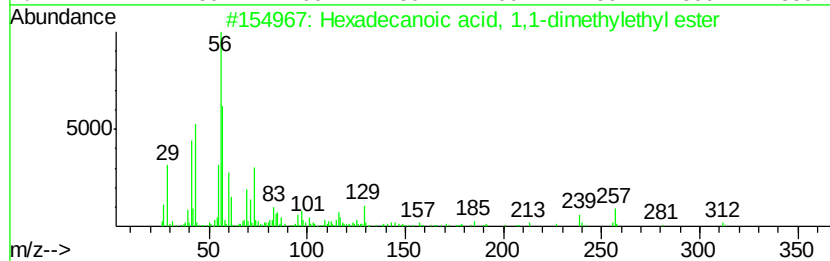
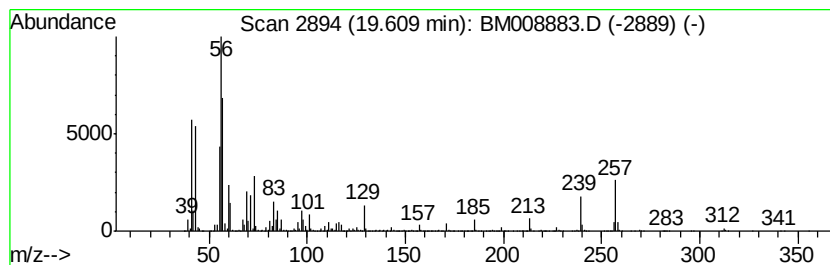
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	327.13 ng/ul	22533800	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	95
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
4		Eicosanoic acid	312	C20H40O2	000506-30-9	42
5		Eicosanoic acid	312	C20H40O2	000506-30-9	42



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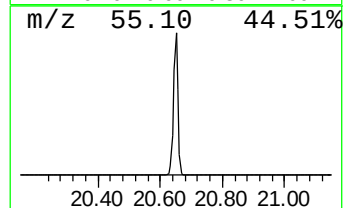
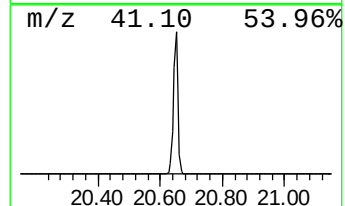
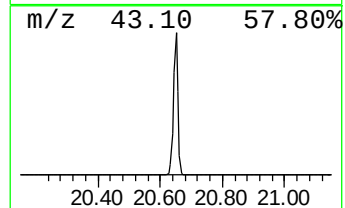
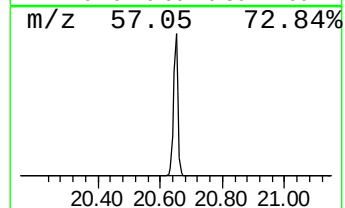
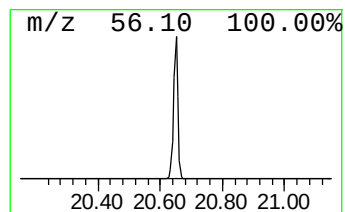
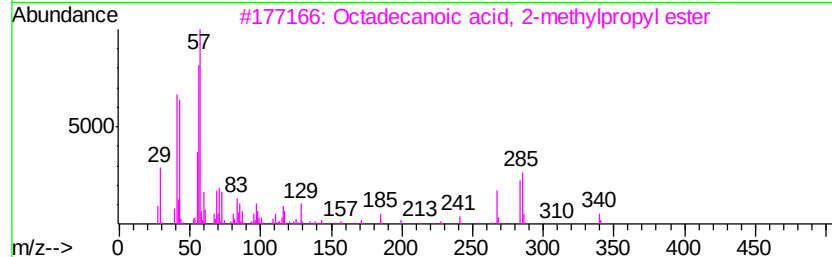
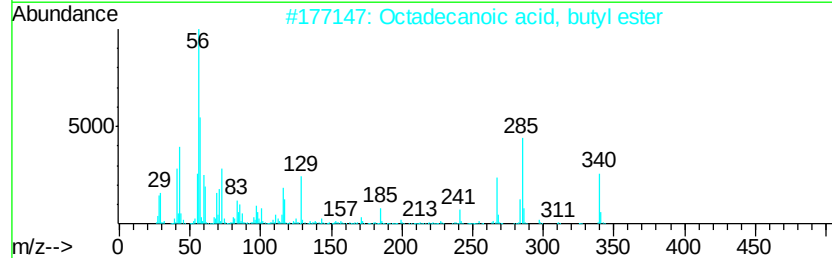
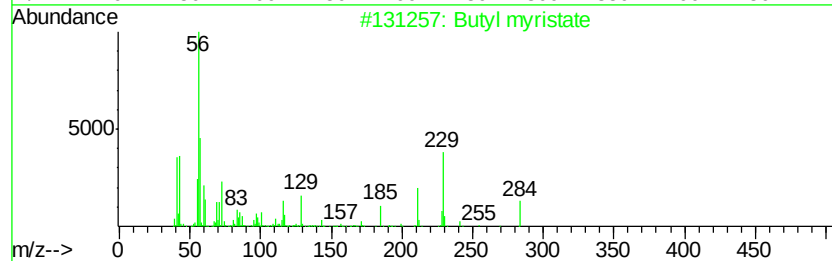
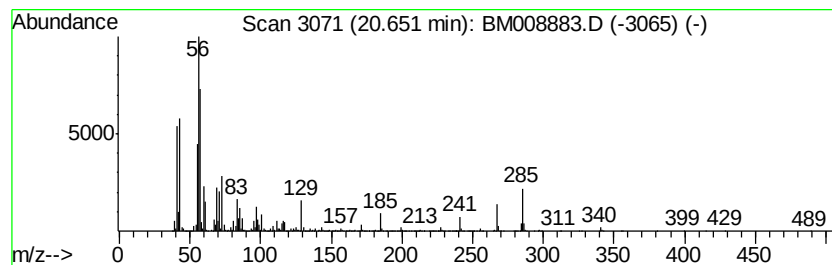
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Peak Number 5 Butyl myristate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	282.37 ng/ul	19450900	Chrysene-d12	21.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butyl myristate	284 C18H36O2	000110-36-1	59
2	Octadecanoic acid, butyl ester	340 C22H44O2	000123-95-5	58
3	Octadecanoic acid, 2-methylpropy...	340 C22H44O2	000646-13-9	49
4	Docosanoic acid	340 C22H44O2	000112-85-6	40
5	4-Aminocyclohexanol acetate (ester)	157 C8H15NO2	1000130-62-8	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	17.97	6.5	ng/ul	331685	4	17.31	1025870	20.0
n-Hexadecanoic acid	18.19	18.5	ng/ul	946715	4	17.31	1025870	20.0
Octadecanoic acid	19.46	14.9	ng/ul	1025700	5	21.48	1377690	20.0
Hexadecanoic acid...	19.61	327.1	ng/ul	22533800	5	21.48	1377690	20.0
Butyl myristate	20.65	282.4	ng/ul	19450900	5	21.48	1377690	20.0