

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012417\
 Data File : BM008852.D
 Acq On : 24 Jan 2017 23:28
 Operator : UM/SJ
 Sample : I1315-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDN20

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	776	rBV2	373807	700615	10.69%	2.069%
2	7.263	789	795	801	rBV	234259	358569	5.47%	1.059%
3	7.463	821	829	837	rVB	359844	581739	8.88%	1.718%
4	7.934	902	909	915	rBV	416123	668339	10.20%	1.974%
5	8.628	1020	1027	1034	rBV	386803	632096	9.65%	1.867%
6	9.098	1099	1107	1114	rBV	380629	621635	9.49%	1.836%
7	9.816	1223	1229	1236	rBV	317254	526718	8.04%	1.555%
8	10.345	1309	1319	1331	rBV2	427036	725640	11.08%	2.143%
9	10.739	1376	1386	1393	rBV	474001	844728	12.89%	2.495%
10	10.875	1402	1409	1419	rVB	286026	490420	7.49%	1.448%
11	13.974	1930	1936	1940	rBV	619881	842636	12.86%	2.488%
12	14.022	1940	1944	1950	rVB	123460	171803	2.62%	0.507%
13	14.263	1979	1985	1992	rBV	708193	1048114	16.00%	3.095%
14	14.569	2031	2037	2044	rVB	715439	1039289	15.86%	3.069%
15	14.751	2060	2068	2077	rBV	423818	599995	9.16%	1.772%
16	15.563	2200	2206	2212	rBV	920475	1309405	19.99%	3.867%
17	15.668	2219	2224	2234	rVB	295636	416739	6.36%	1.231%
18	16.257	2320	2324	2333	rVB2	50880	82012	1.25%	0.242%
19	17.315	2497	2504	2510	rBV	928177	1280984	19.55%	3.783%
20	17.415	2514	2521	2528	rVV	1048657	1513457	23.10%	4.469%
21	18.186	2647	2652	2658	rBV2	162174	210642	3.21%	0.622%
22	19.462	2864	2869	2873	rBV4	80336	112118	1.71%	0.331%
23	19.609	2888	2894	2899	rBV	5939804	6551928	100.00%	19.348%
24	19.698	2904	2909	2915	rBV	1292455	1783663	27.22%	5.267%
25	20.650	3067	3071	3076	rBV	5273087	5536913	84.51%	16.351%
26	21.168	3155	3159	3165	rBV2	260099	332142	5.07%	0.981%
27	21.480	3207	3212	3218	rBV	1249092	1599954	24.42%	4.725%
28	21.609	3232	3234	3239	rVB5	70526	85728	1.31%	0.253%
29	23.691	3582	3588	3596	rVB2	972795	1830346	27.94%	5.405%
30	23.844	3607	3614	3620	rBV	712138	1364990	20.83%	4.031%

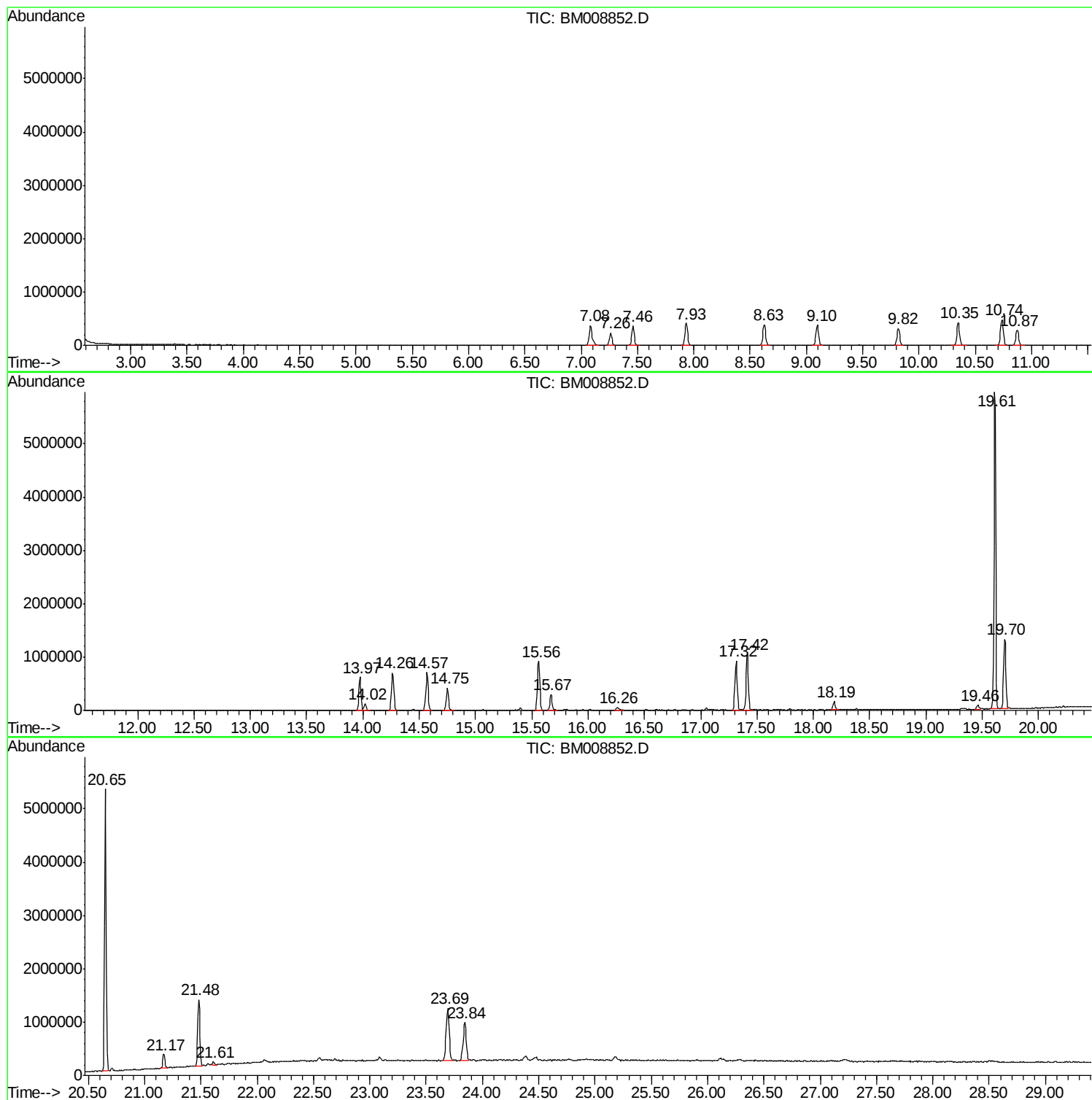
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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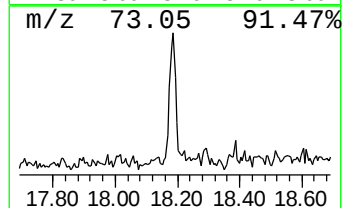
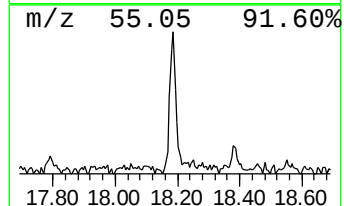
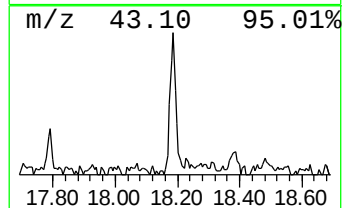
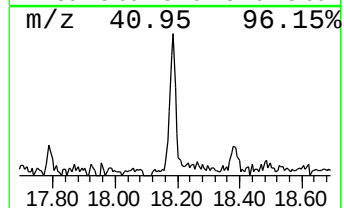
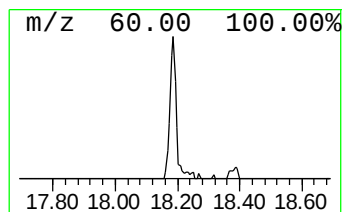
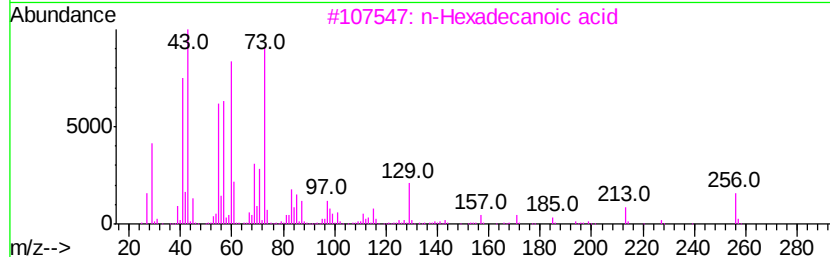
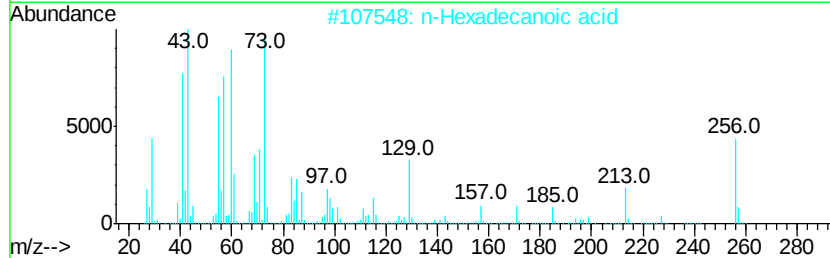
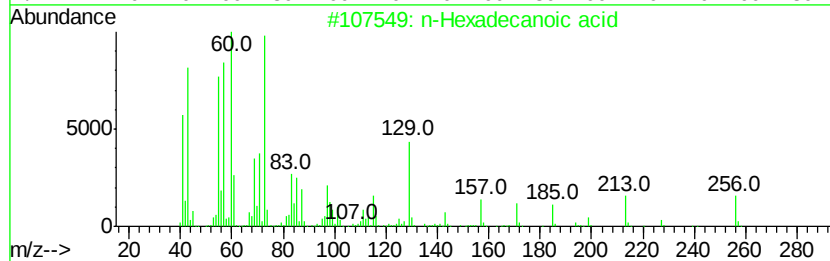
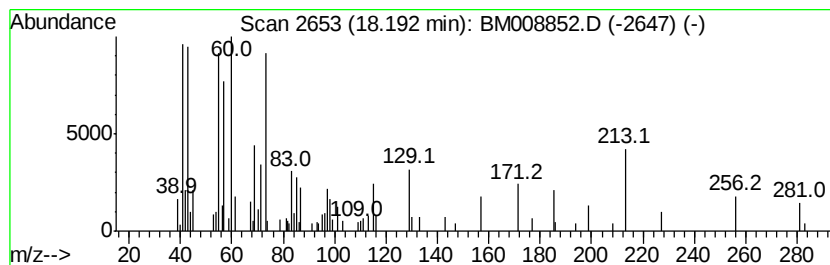
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.19	3.29 ng/ul	210642	Phenanthrene-d10	17.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	



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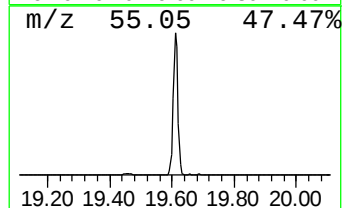
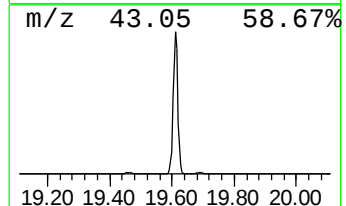
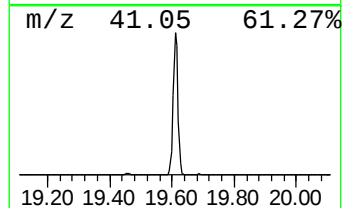
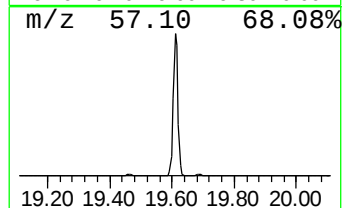
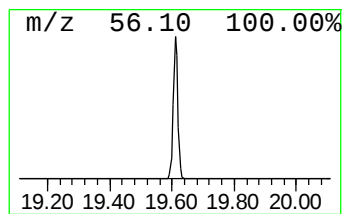
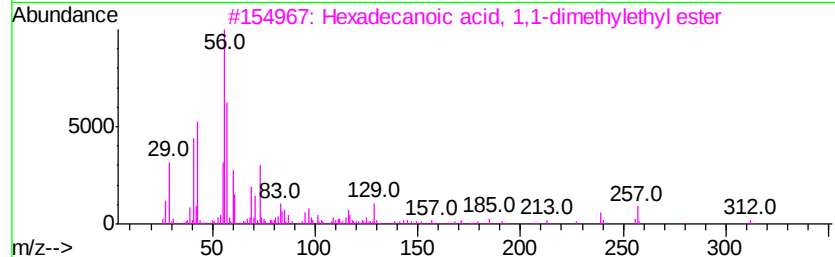
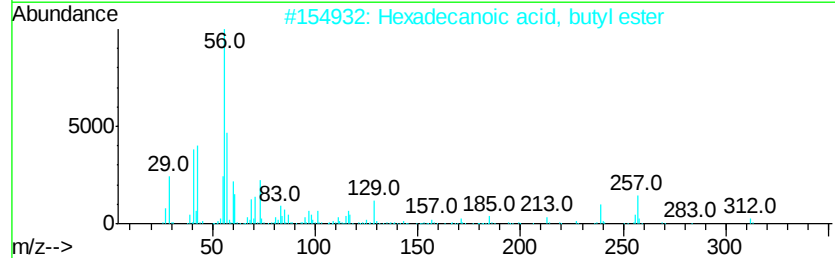
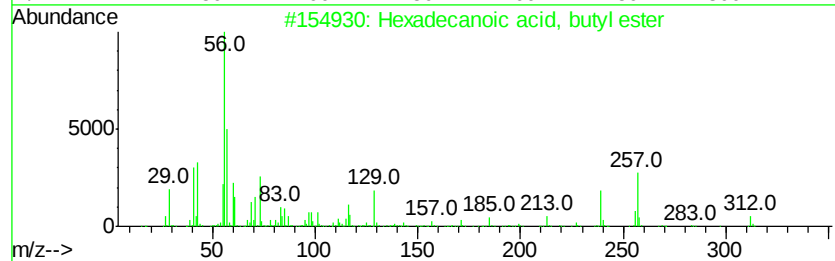
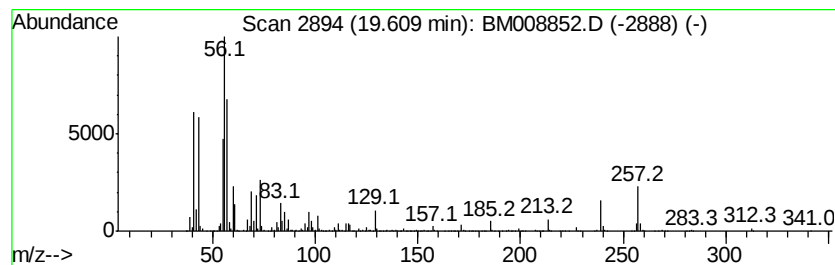
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Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	81.90 ng/ul	6551930	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	46
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	45
5		Eicosanoic acid	312	C20H40O2	000506-30-9	42



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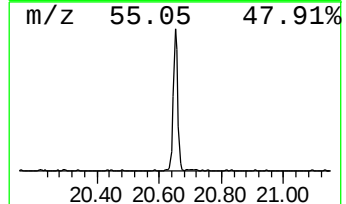
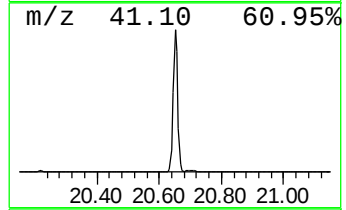
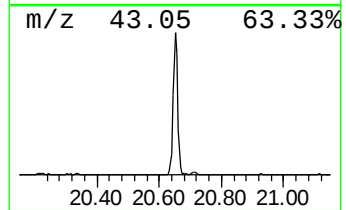
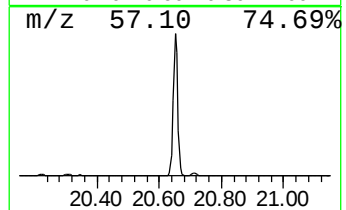
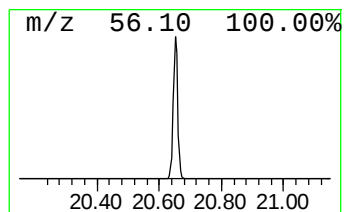
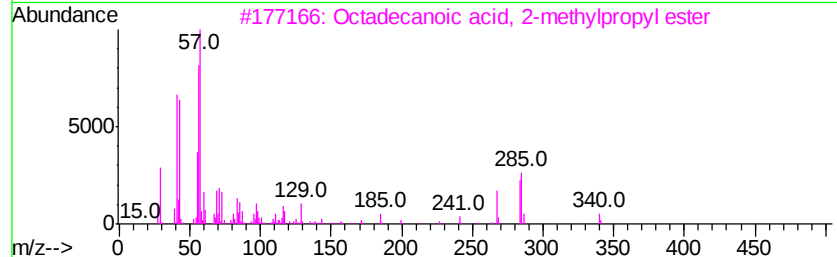
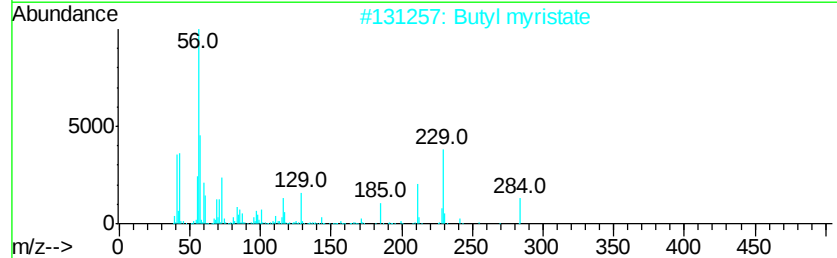
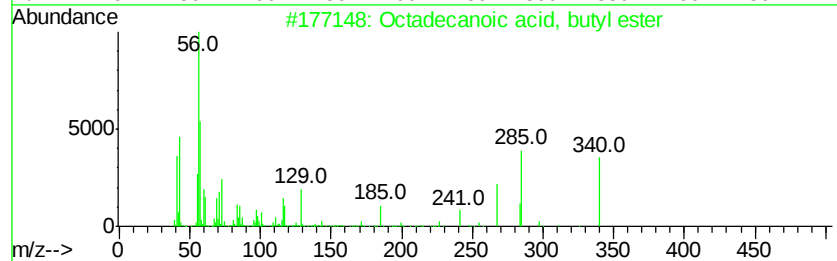
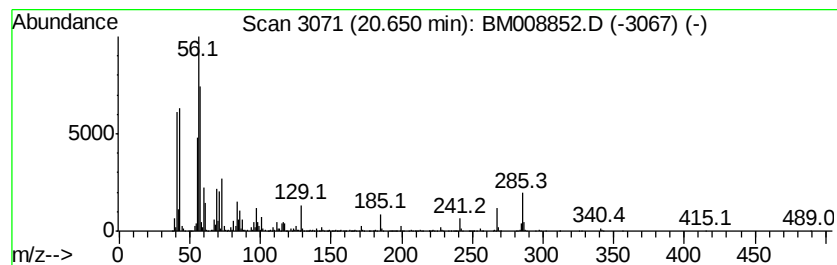
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	69.21 ng/ul	5536910	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2		Butyl myristate	284	C18H36O2	000110-36-1	59
3		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	46
4		2-Isopropyl-3-vinylloxirane	112	C7H12O	070777-23-0	38
5		Docosanoic acid	340	C22H44O2	000112-85-6	38



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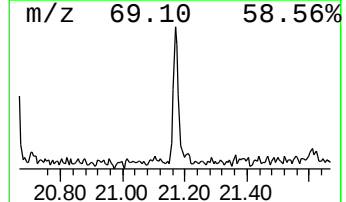
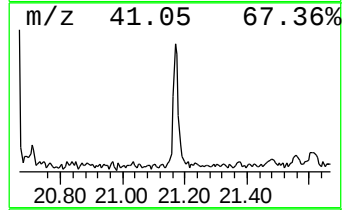
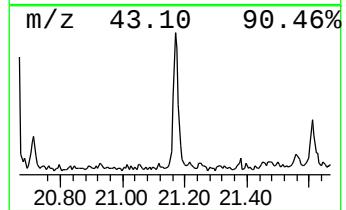
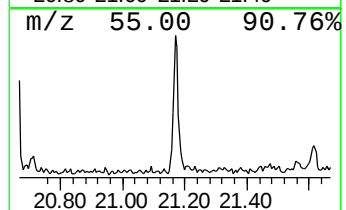
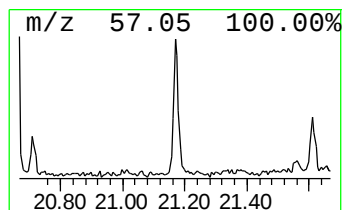
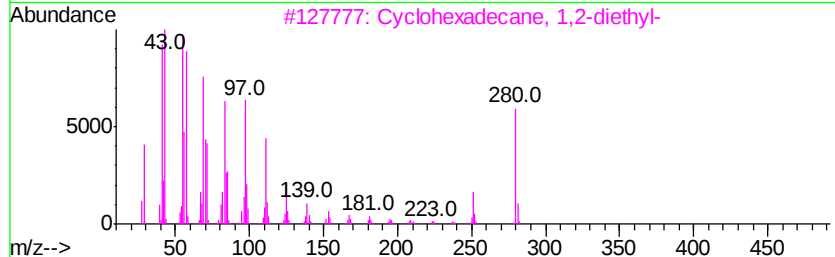
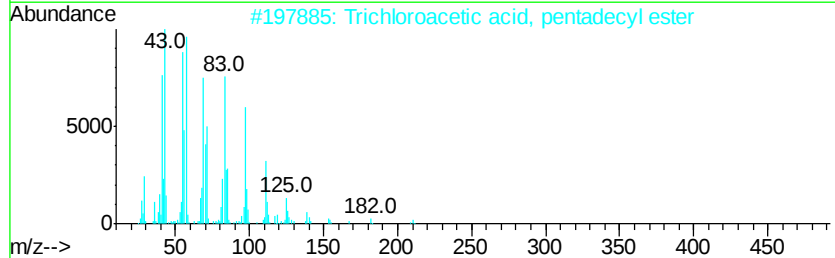
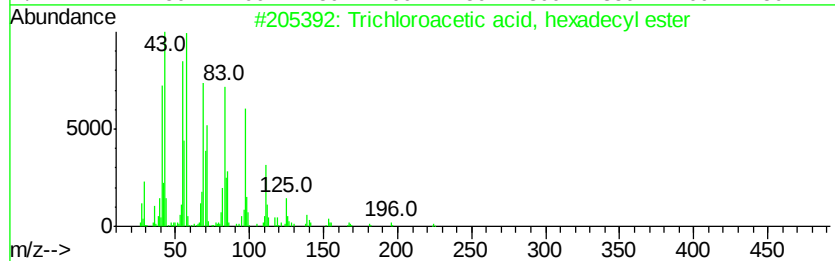
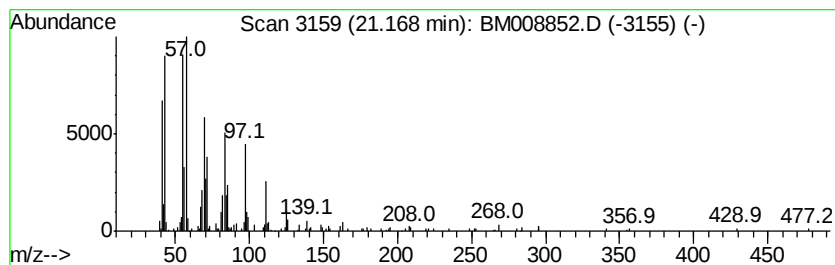
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Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	4.15 ng/ul	332142	Chrysene-d12	21.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	89
4			1-Heptacosanol	396	C27H56O	002004-39-9	87
5			Behenic alcohol	326	C22H46O	000661-19-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.19	3.3	ng/ul	210642	4	17.32	1280980	20.0
Hexadecanoic acid...	19.61	81.9	ng/ul	6551930	5	21.48	1599950	20.0
Octadecanoic acid...	20.65	69.2	ng/ul	5536910	5	21.48	1599950	20.0
Trichloroacetic a...	21.17	4.2	ng/ul	332142	5	21.48	1599950	20.0