

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012417\
 Data File : BM008849.D
 Acq On : 24 Jan 2017 21:40
 Operator : UM/SJ
 Sample : I1315-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDN11

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	359160	675684	13.83%	2.373%
2	7.263	788	795	803	rBV	224564	339420	6.95%	1.192%
3	7.463	822	829	835	rBV	341672	552576	11.31%	1.940%
4	7.934	901	909	915	rBV	352790	560714	11.48%	1.969%
5	8.628	1019	1027	1036	rVB	358605	577001	11.81%	2.026%
6	9.098	1100	1107	1118	rBV	361198	597378	12.23%	2.098%
7	9.816	1221	1229	1238	rBV2	304228	504940	10.34%	1.773%
8	10.345	1313	1319	1326	rBV	416220	676816	13.86%	2.377%
9	10.733	1379	1385	1393	rVB	393957	683275	13.99%	2.399%
10	10.875	1402	1409	1417	rVB	203158	336293	6.89%	1.181%
11	13.974	1929	1936	1940	rBV	563022	747628	15.31%	2.625%
12	14.021	1940	1944	1951	rVB	116781	158751	3.25%	0.557%
13	14.263	1977	1985	1992	rBV	643854	948281	19.42%	3.330%
14	14.568	2031	2037	2048	rVB	569150	827400	16.94%	2.905%
15	14.751	2062	2068	2081	rBV	381017	549129	11.24%	1.928%
16	15.562	2200	2206	2212	rBV	825183	1184796	24.26%	4.160%
17	15.668	2219	2224	2231	rBV	247443	356761	7.30%	1.253%
18	16.262	2320	2325	2332	rBV2	45007	75301	1.54%	0.264%
19	17.315	2498	2504	2511	rBV	721744	1055984	21.62%	3.708%
20	17.415	2515	2521	2527	rVB	970070	1392064	28.50%	4.888%
21	18.186	2644	2652	2658	rBV3	106157	150113	3.07%	0.527%
22	19.339	2841	2848	2853	rBV9	22000	54182	1.11%	0.190%
23	19.462	2864	2869	2875	rBV4	71193	101912	2.09%	0.358%
24	19.609	2889	2894	2899	rBV	4372449	4883916	100.00%	17.149%
25	19.703	2903	2910	2917	rBV	1176876	1697042	34.75%	5.959%
26	20.650	3067	3071	3076	rBV	3928775	4179386	85.57%	14.675%
27	21.168	3155	3159	3165	rBV2	138330	187236	3.83%	0.657%
28	21.480	3207	3212	3218	rBV	1052581	1346203	27.56%	4.727%
29	23.691	3581	3588	3597	rVB	932174	1785867	36.57%	6.271%
30	23.844	3608	3614	3622	rVB	639677	1293230	26.48%	4.541%

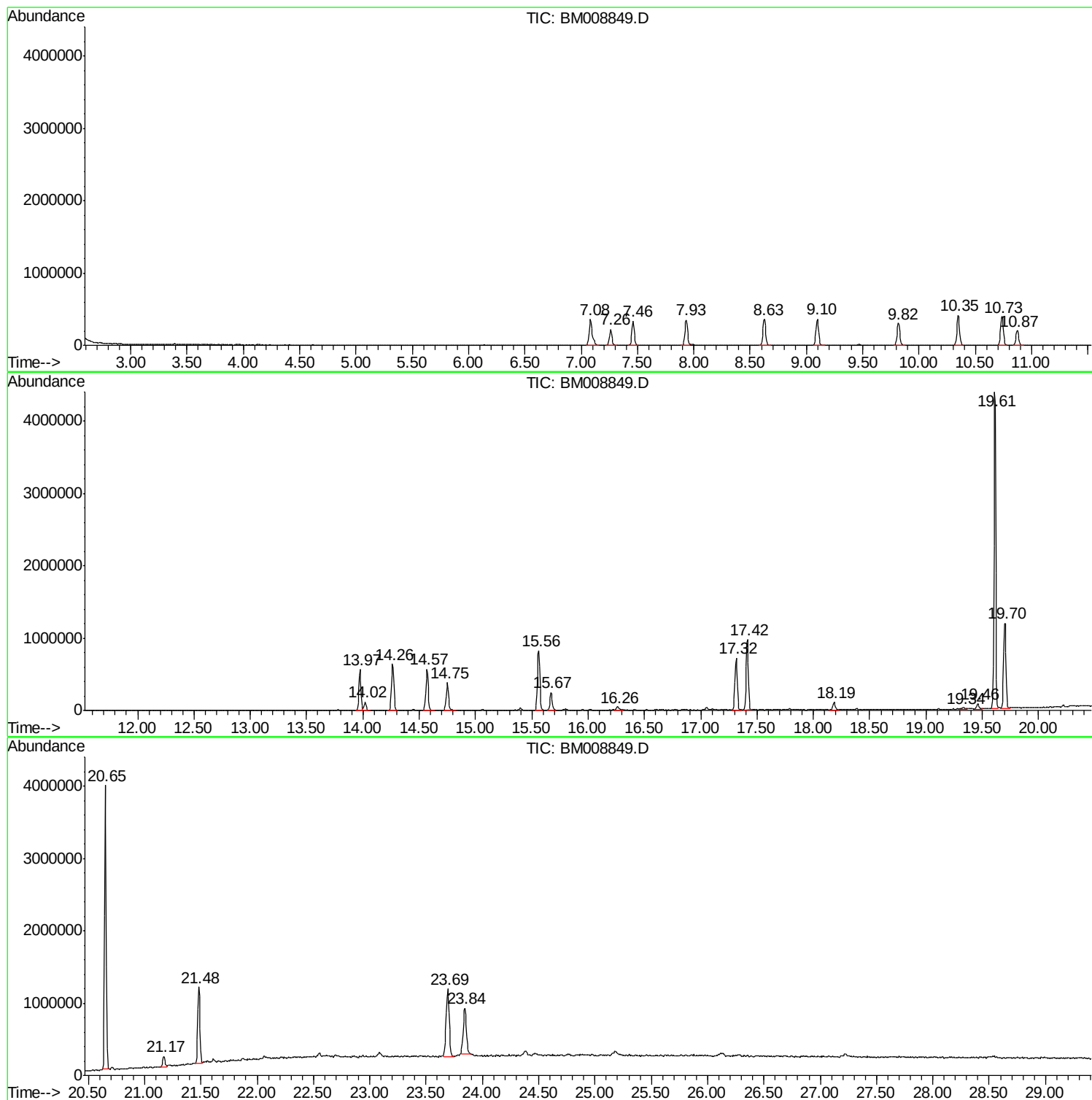
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Quant Title : SVOA CALIBRATION

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



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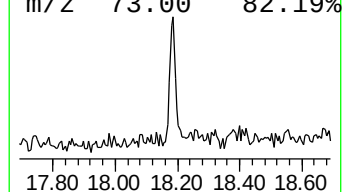
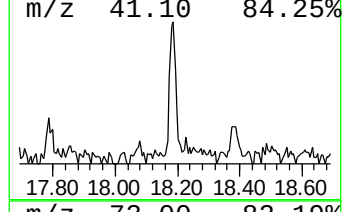
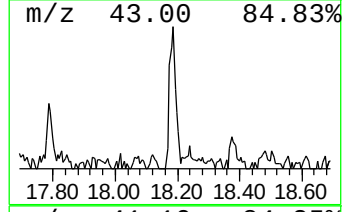
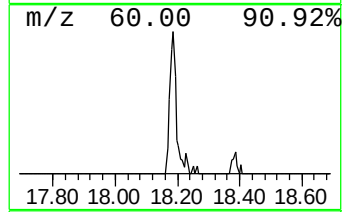
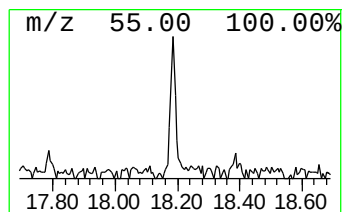
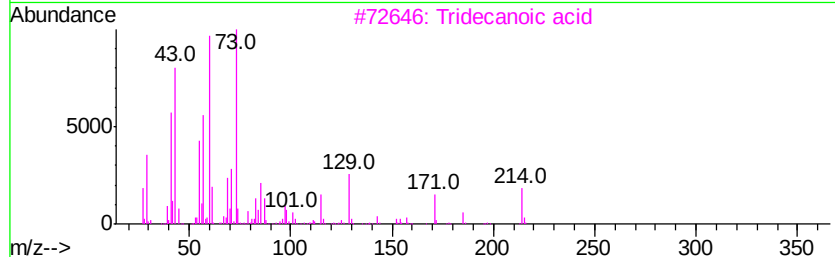
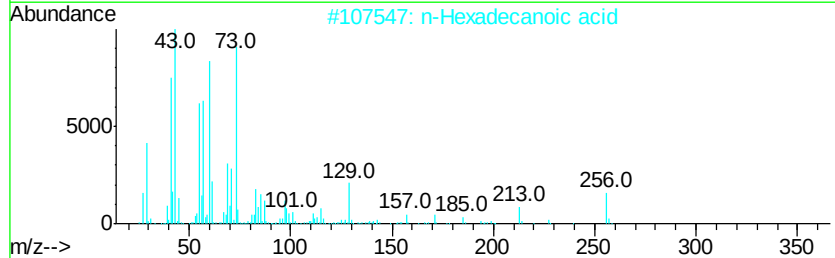
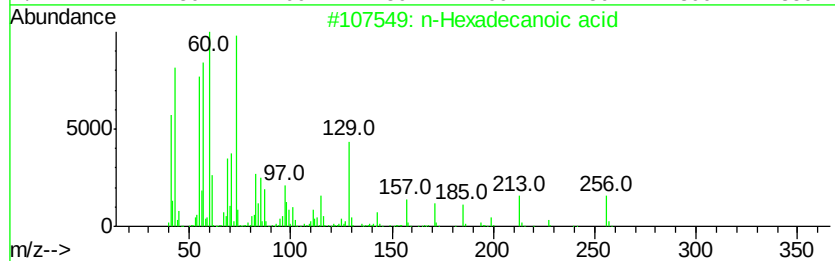
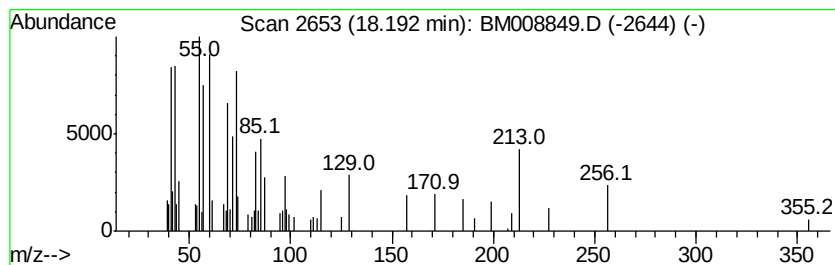
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Quant Title : SVOA CALIBRATION

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	2.84 ng/ul	150113	Phenanthrene-d10	17.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60	



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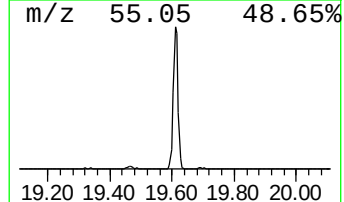
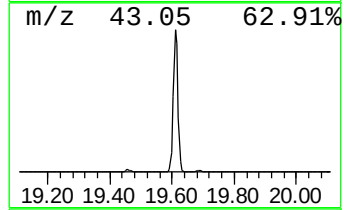
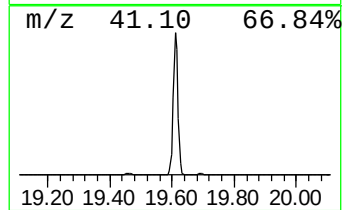
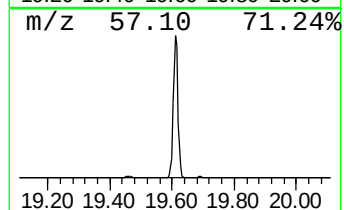
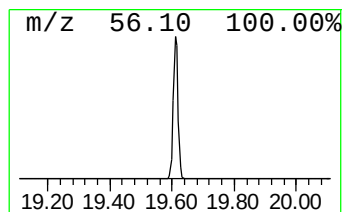
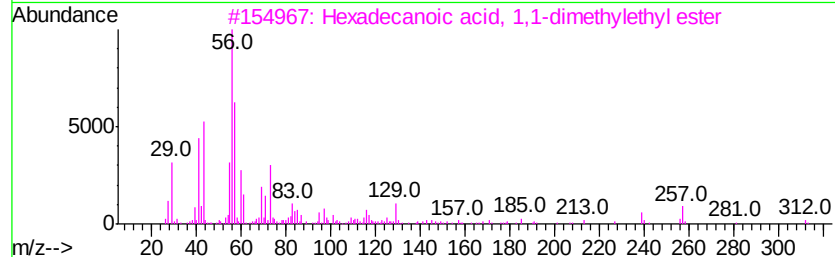
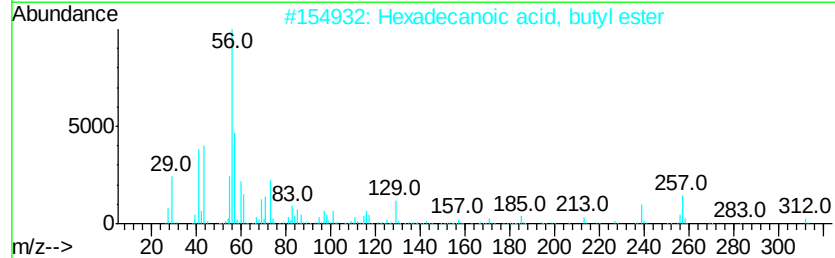
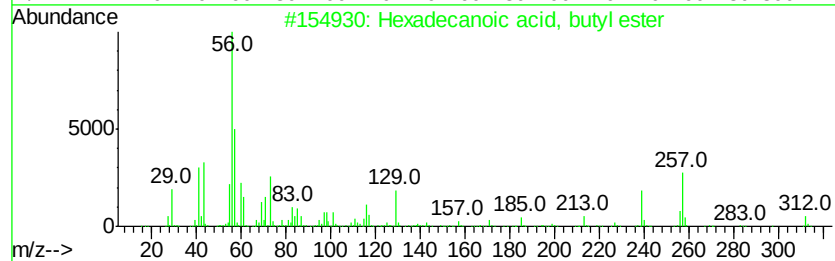
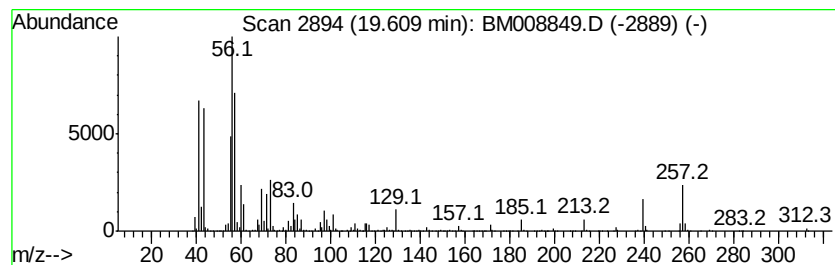
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Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	72.56 ng/ul	4883920	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	38
4		Eicosanoic acid	312	C20H40O2	000506-30-9	38
5		2-Isopropyl-3-vinylloxirane	112	C7H12O	070777-23-0	38



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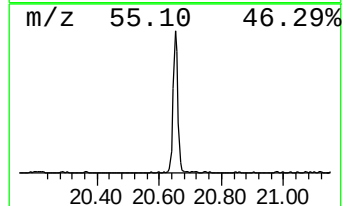
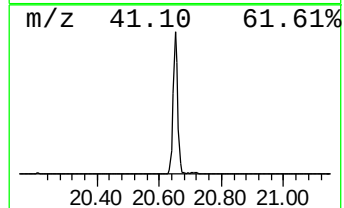
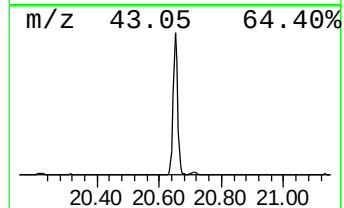
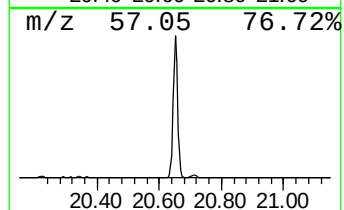
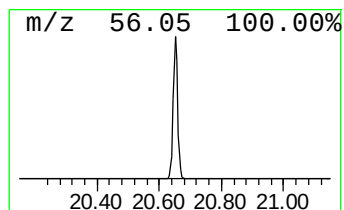
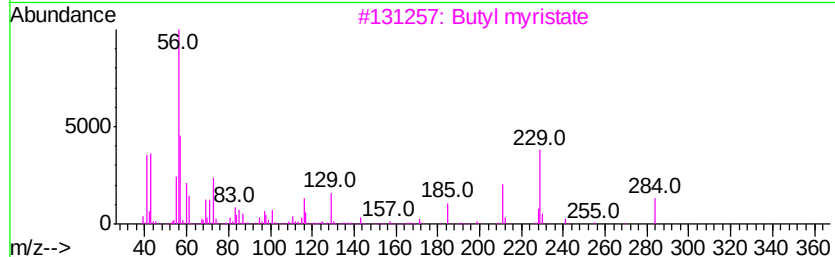
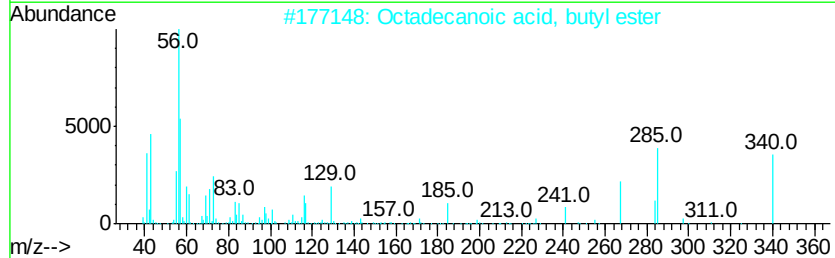
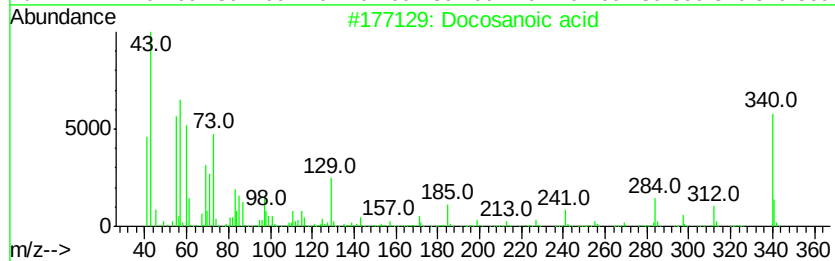
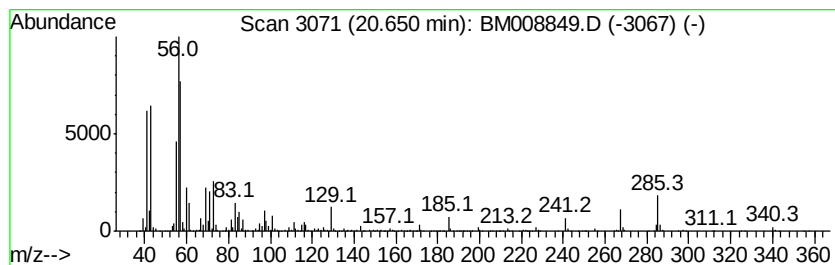
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Peak Number 3 Docosanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	62.09 ng/ul	4179390	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	74
3		Butyl myristate	284	C18H36O2	000110-36-1	59
4		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	43
5		Docosanoic acid	340	C22H44O2	000112-85-6	42



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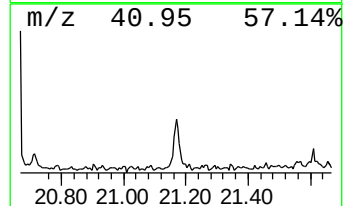
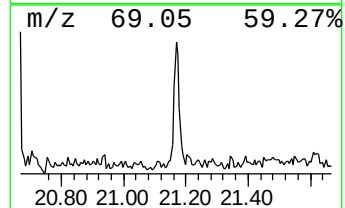
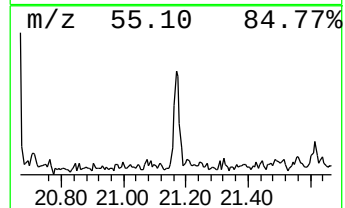
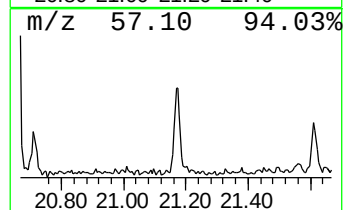
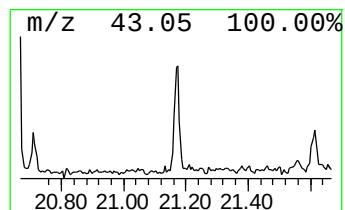
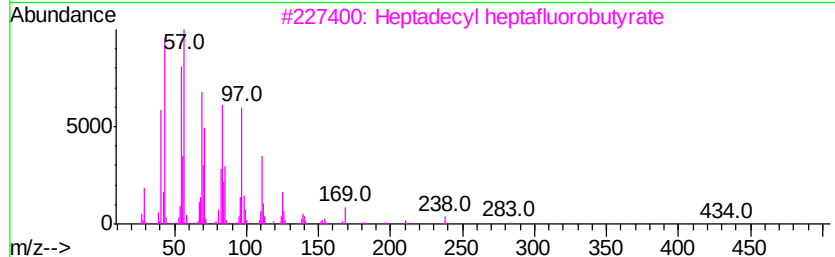
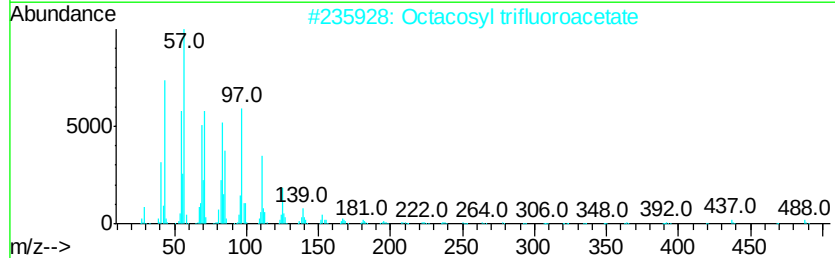
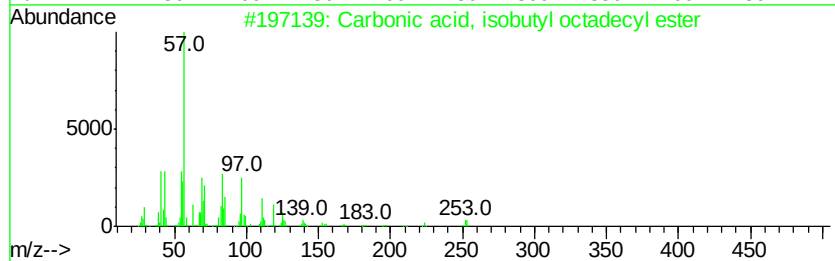
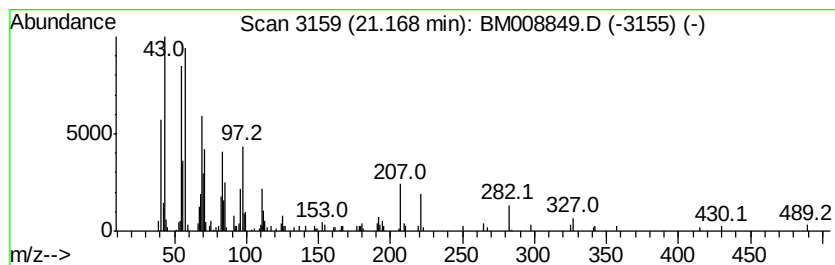
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Peak Number 4 Carbonic acid, isobutyl oct... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.78 ng/ul	187236	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	72
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	68
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
4		Octadecane, 1-(ethenyl)-	296	C20H40	000930-02-9	62
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.19	2.8	ng/ul	150113	4	17.32	1055980	20.0
Hexadecanoic acid...	19.61	72.6	ng/ul	4883920	5	21.48	1346200	20.0
Docosanoic acid	20.65	62.1	ng/ul	4179390	5	21.48	1346200	20.0
Carbonic acid, is...	21.17	2.8	ng/ul	187236	5	21.48	1346200	20.0