

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008796.D
 Acq On : 22 Jan 2017 06:36
 Operator : UM/SJ
 Sample : I1316-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDP34

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	3.393	135	137	149	rVB4	22881	43437	1.51%	0.118%
2	7.099	761	767	778	rBV3	556861	1007743	34.98%	2.733%
3	7.281	790	798	807	rVB	324344	518588	18.00%	1.407%
4	7.475	822	831	839	rBV2	520985	837234	29.07%	2.271%
5	7.946	904	911	918	rBV	418074	683980	23.75%	1.855%
6	8.640	1022	1029	1038	rBV	588338	971554	33.73%	2.635%
7	9.110	1103	1109	1118	rVV	535968	895403	31.08%	2.429%
8	9.834	1223	1232	1241	rBV	492121	806213	27.99%	2.187%
9	10.363	1315	1322	1329	rBV	639878	1051038	36.49%	2.851%
10	10.751	1380	1388	1396	rBV	511678	866160	30.07%	2.349%
11	10.887	1403	1411	1418	rBV2	593954	972345	33.76%	2.637%
12	13.986	1932	1938	1942	rBV	1119718	1480877	51.41%	4.017%
13	14.033	1942	1946	1951	rVB	393855	542529	18.83%	1.472%
14	14.275	1980	1987	1994	rBV	1077458	1545734	53.66%	4.193%
15	14.580	2032	2039	2046	rVB	763670	1125006	39.06%	3.051%
16	14.757	2061	2069	2077	rBV	701659	1033418	35.88%	2.803%
17	15.363	2168	2172	2176	rBV3	32667	44767	1.55%	0.121%
18	15.410	2176	2180	2185	rVB	48303	59109	2.05%	0.160%
19	15.569	2201	2207	2216	rBV	1373035	1955098	67.87%	5.303%
20	15.680	2219	2226	2235	rVB	662811	906477	31.47%	2.459%
21	15.810	2242	2248	2253	rBV4	30368	48689	1.69%	0.132%
22	16.269	2322	2326	2334	rBV3	59766	106560	3.70%	0.289%
23	17.057	2457	2460	2464	rBV	61106	76359	2.65%	0.207%
24	17.110	2464	2469	2474	rVB9	21518	36801	1.28%	0.100%
25	17.321	2499	2505	2511	rBV2	1046772	1517441	52.68%	4.116%
26	17.421	2514	2522	2529	rVV	1643941	2322304	80.62%	6.299%
27	17.798	2582	2586	2590	rBV2	77278	96221	3.34%	0.261%
28	18.192	2648	2653	2659	rBV2	266795	344742	11.97%	0.935%
29	18.486	2699	2703	2709	rBV2	40087	54280	1.88%	0.147%
30	19.339	2843	2848	2853	rVB6	32097	55444	1.92%	0.150%
31	19.468	2866	2870	2874	rBV2	142935	185125	6.43%	0.502%
32	19.615	2889	2895	2902	rBV	2174838	2453746	85.18%	6.655%
33	19.704	2904	2910	2916	rBV2	2135535	2879667	99.97%	7.811%
34	20.657	3068	3072	3077	rBV	2011422	2130518	73.96%	5.779%

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35	21.174	3157	3160	3164	rBV	199693	233627	8.11%	0.634%
36	21.486	3208	3213	3220	rBV	1662531	2139177	74.26%	5.802%
37	22.556	3393	3395	3400	rVB6	111196	145436	5.05%	0.394%
38	23.698	3581	3589	3596	rVB2	1490555	2880505	100.00%	7.813%
39	23.845	3608	3614	3622	rVB2	922401	1815064	63.01%	4.923%

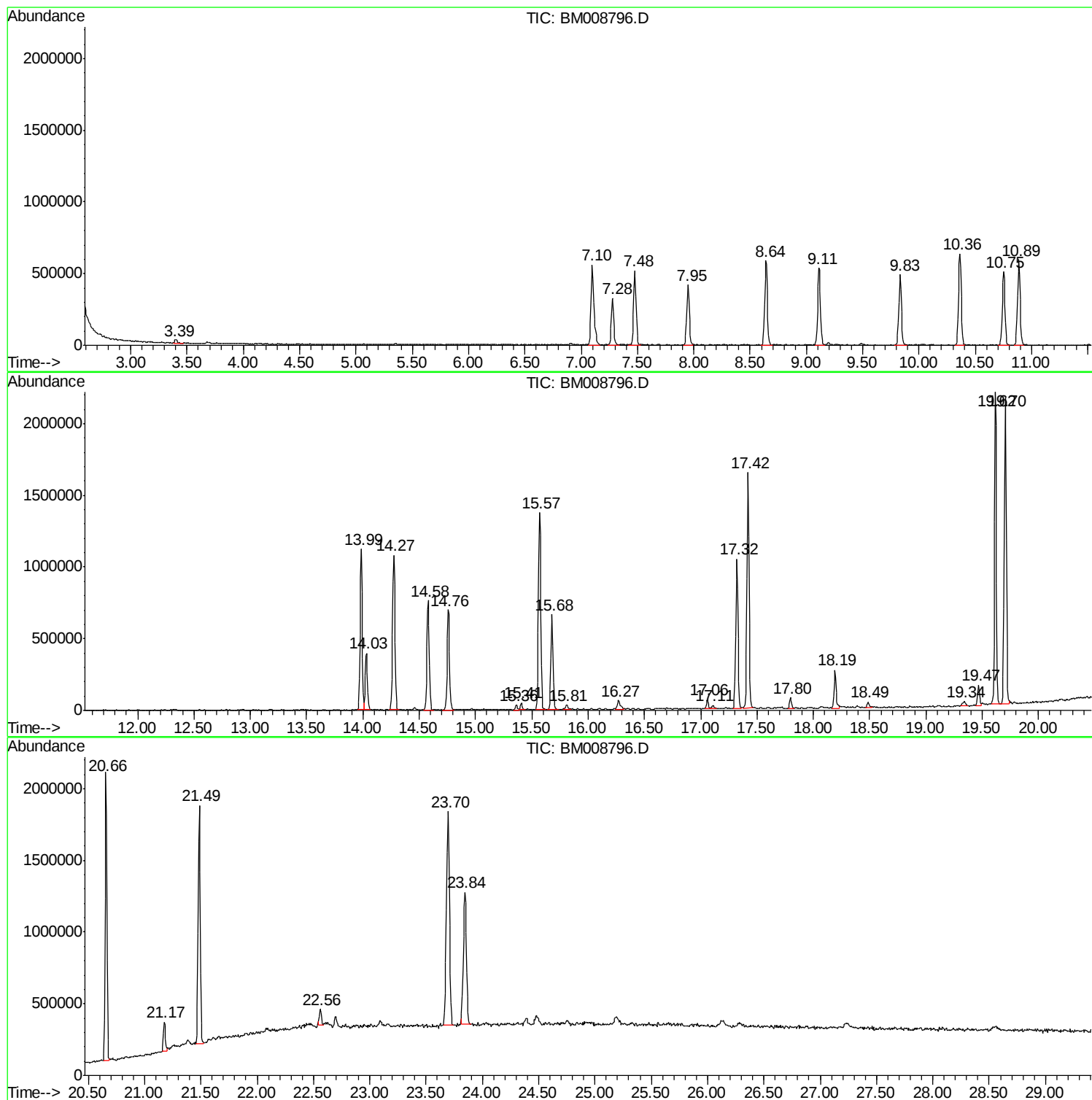
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



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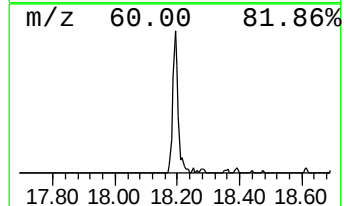
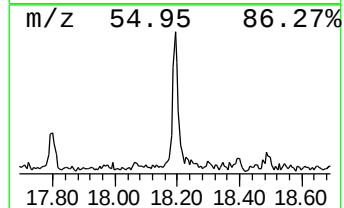
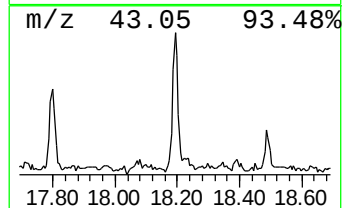
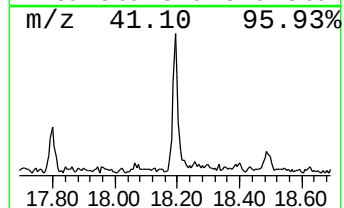
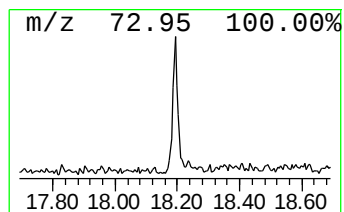
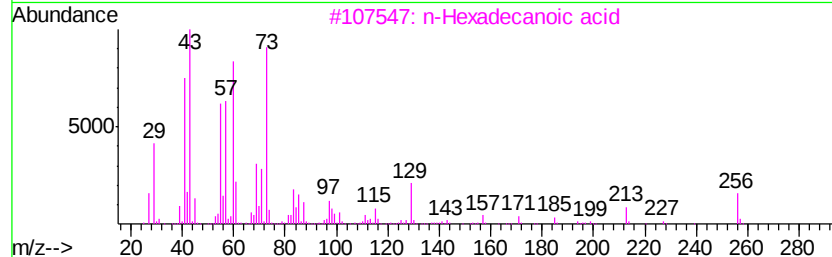
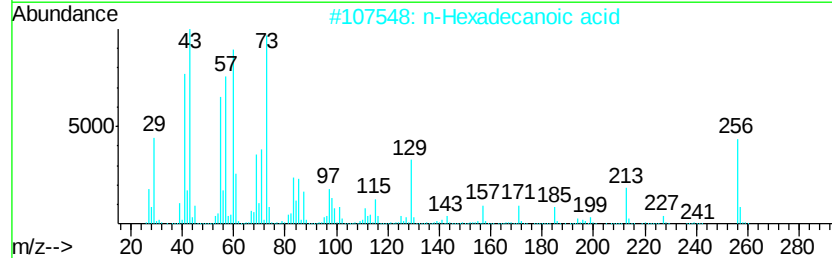
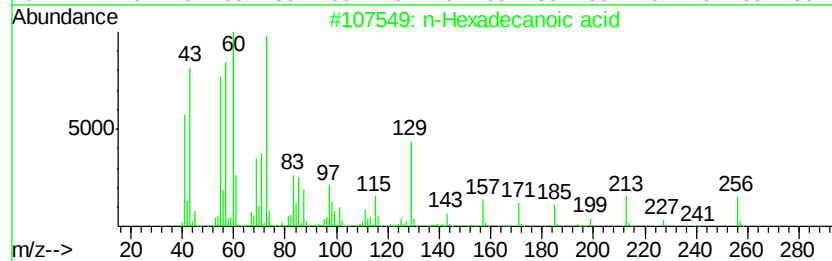
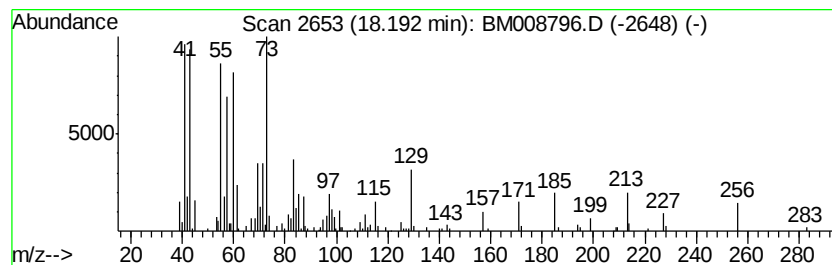
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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	4.54 ng/ul	344742	Phenanthrene-d10	17.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83	



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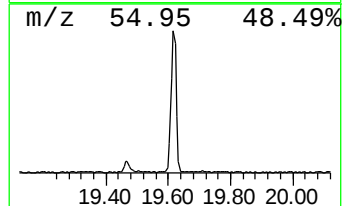
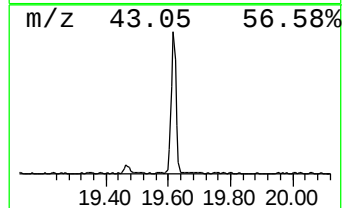
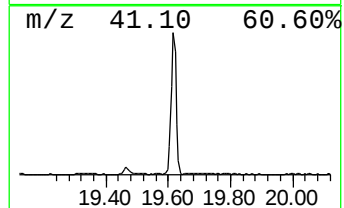
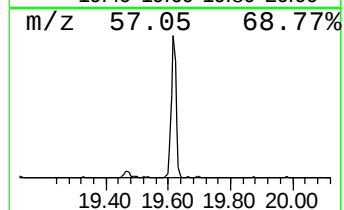
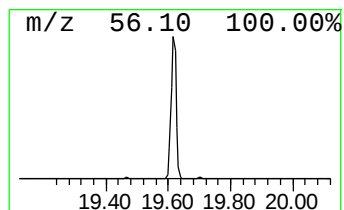
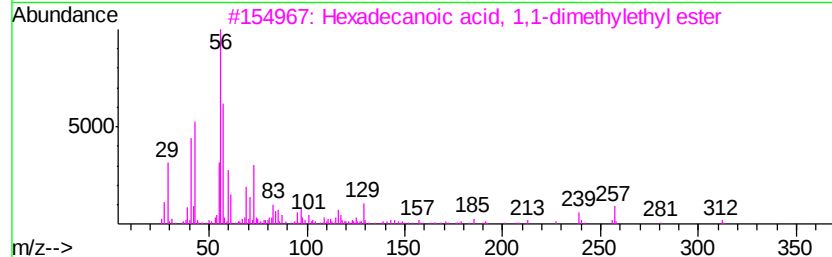
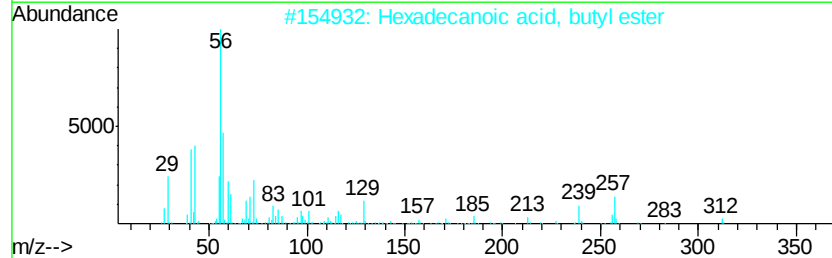
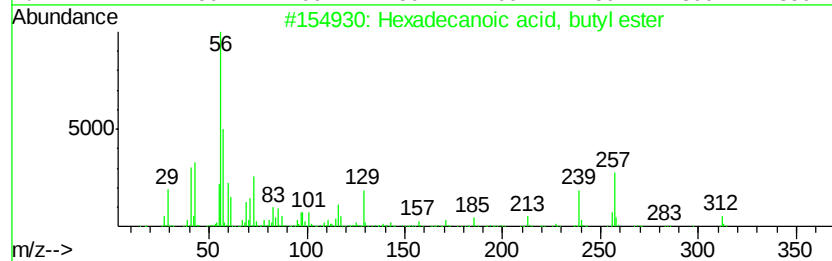
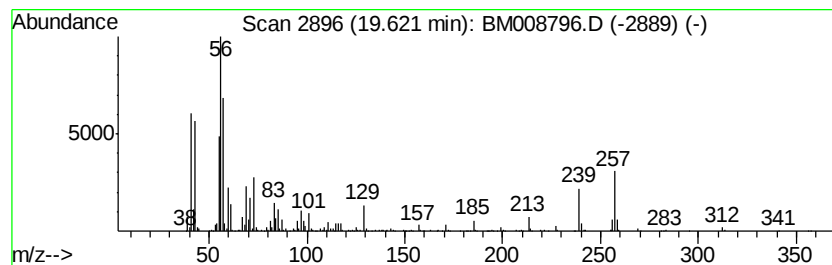
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Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	22.94 ng/ul	2453750	Chrysene-d12	21.49

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	83
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
4		2-Isopropyl-3-vinylloxirane	112	C7H12O	070777-23-0	35
5		Eicosanoic acid	312	C20H40O2	000506-30-9	30



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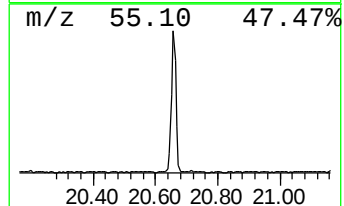
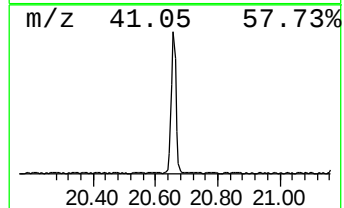
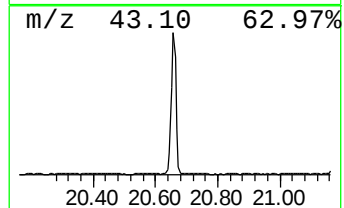
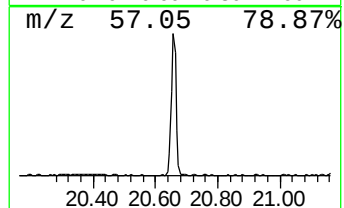
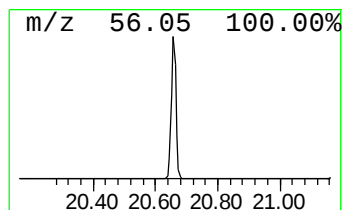
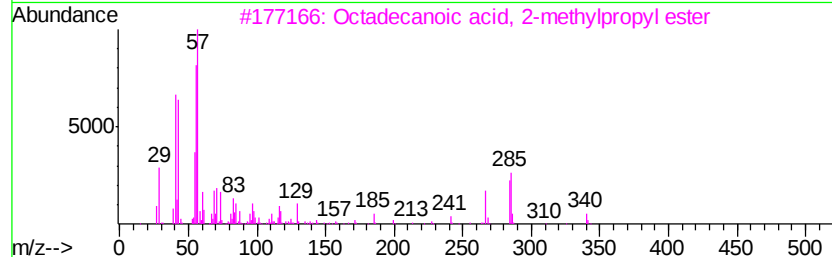
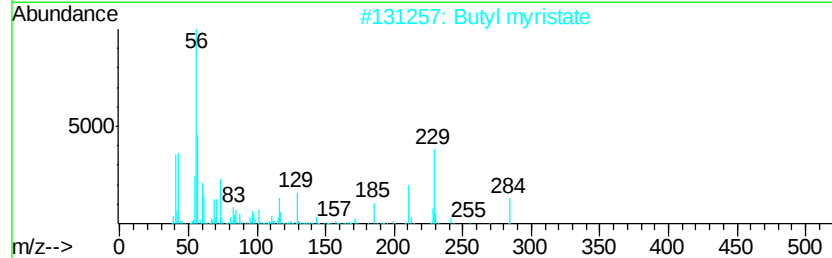
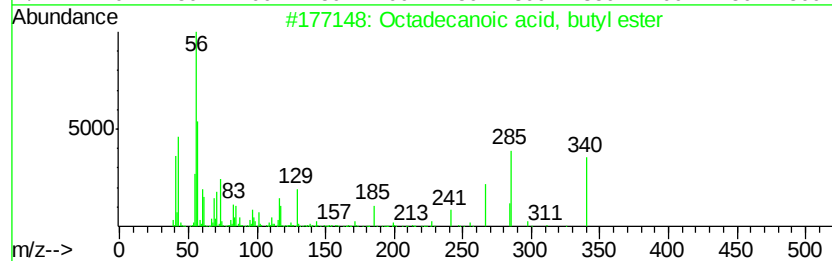
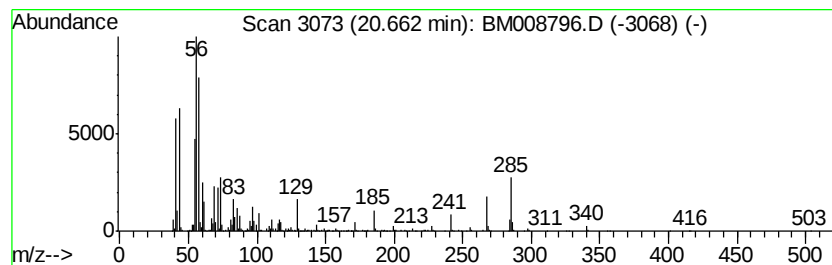
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	19.92 ng/ul	2130520	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2		Butyl myristate	284	C18H36O2	000110-36-1	59
3		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	49
4		2-Isopropyl-3-vinylloxirane	112	C7H12O	070777-23-0	38
5		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38



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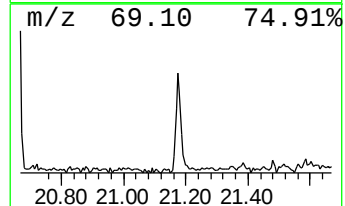
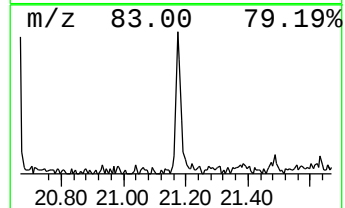
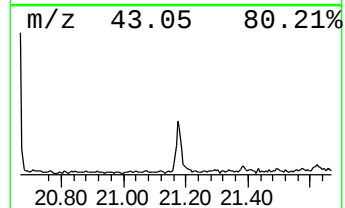
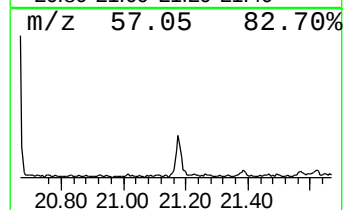
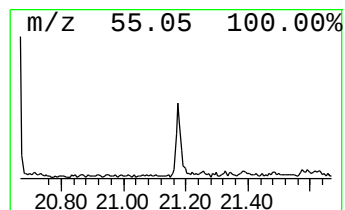
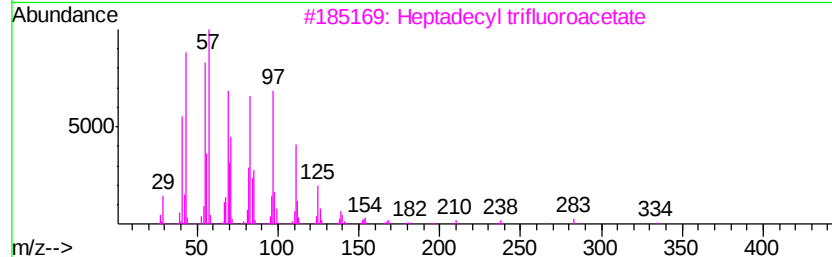
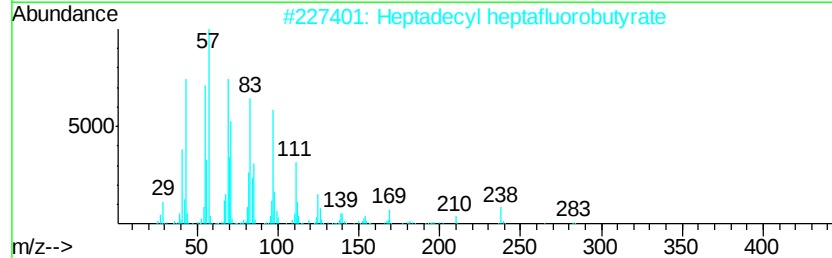
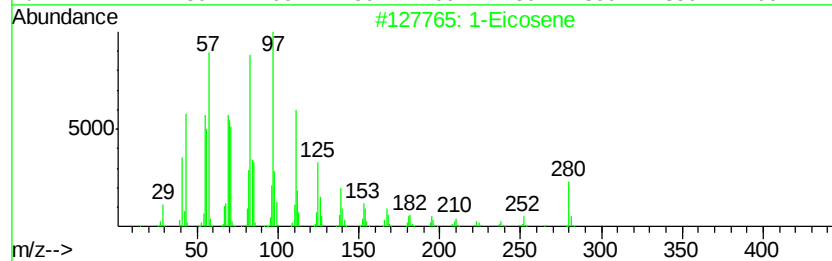
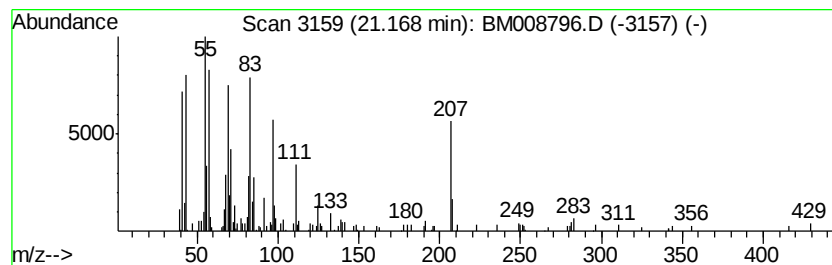
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Peak Number 4 (DEL) Alkane: Cyclic21.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.18 ng/ul	233627	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	90
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	81
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.19	4.5	ng/ul	344742	4	17.32	1517440	20.0
Hexadecanoic acid...	19.62	22.9	ng/ul	2453750	5	21.49	2139180	20.0
Octadecanoic acid...	20.66	19.9	ng/ul	2130520	5	21.49	2139180	20.0
(DEL) Alkane: Cyc...	21.17	2.2	ng/ul	233627	5	21.49	2139180	20.0