

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008793.D
 Acq On : 22 Jan 2017 04:45
 Operator : UM/SJ
 Sample : I1316-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDP18

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	760	767	780	rVB3	645278	1209500	10.02%	1.937%
2	7.281	791	798	808	rBV	396956	627610	5.20%	1.005%
3	7.481	824	832	839	rVB	592277	982039	8.14%	1.573%
4	7.951	903	912	918	rBV	486569	791874	6.56%	1.268%
5	8.640	1023	1029	1037	rVB	706153	1156628	9.58%	1.853%
6	9.116	1102	1110	1118	rBV	631662	1074772	8.90%	1.722%
7	9.834	1223	1232	1242	rBV	602662	981536	8.13%	1.572%
8	10.363	1315	1322	1329	rBV	787447	1286949	10.66%	2.062%
9	10.751	1380	1388	1395	rBV	607512	1028401	8.52%	1.647%
10	10.886	1401	1411	1419	rBV	665088	1137590	9.43%	1.822%
11	13.986	1932	1938	1942	rBV	1390589	1915692	15.87%	3.069%
12	14.033	1942	1946	1952	rVB	326966	434997	3.60%	0.697%
13	14.274	1980	1987	1994	rBV	1324902	1946036	16.12%	3.117%
14	14.580	2033	2039	2046	rBV	940951	1353005	11.21%	2.167%
15	14.763	2063	2070	2084	rBV	897383	1323821	10.97%	2.121%
16	15.568	2201	2207	2214	rBV	1727587	2469331	20.46%	3.956%
17	15.680	2218	2226	2234	rBV	849233	1156575	9.58%	1.853%
18	16.268	2322	2326	2335	rBV2	91818	151169	1.25%	0.242%
19	17.063	2454	2461	2465	rBV	94356	121570	1.01%	0.195%
20	17.321	2498	2505	2511	rBV2	1237314	1788220	14.82%	2.864%
21	17.421	2515	2522	2529	rVB2	2116302	3001190	24.87%	4.807%
22	18.198	2647	2654	2663	rBV	510122	746235	6.18%	1.195%
23	19.468	2865	2870	2881	rBV	368625	519151	4.30%	0.832%
24	19.621	2888	2896	2901	rBV	11146932	12069541	100.00%	19.334%
25	19.703	2905	2910	2916	rBV	2675122	3731866	30.92%	5.978%
26	20.662	3068	3073	3077	rBV	10299471	10512674	87.10%	16.840%
27	21.174	3157	3160	3165	rBV2	296053	368906	3.06%	0.591%
28	21.486	3208	3213	3220	rVB	1988674	2479311	20.54%	3.972%
29	23.697	3582	3589	3598	rVB2	2066234	3871125	32.07%	6.201%
30	23.850	3607	3615	3622	rBV	1071215	2190053	18.15%	3.508%

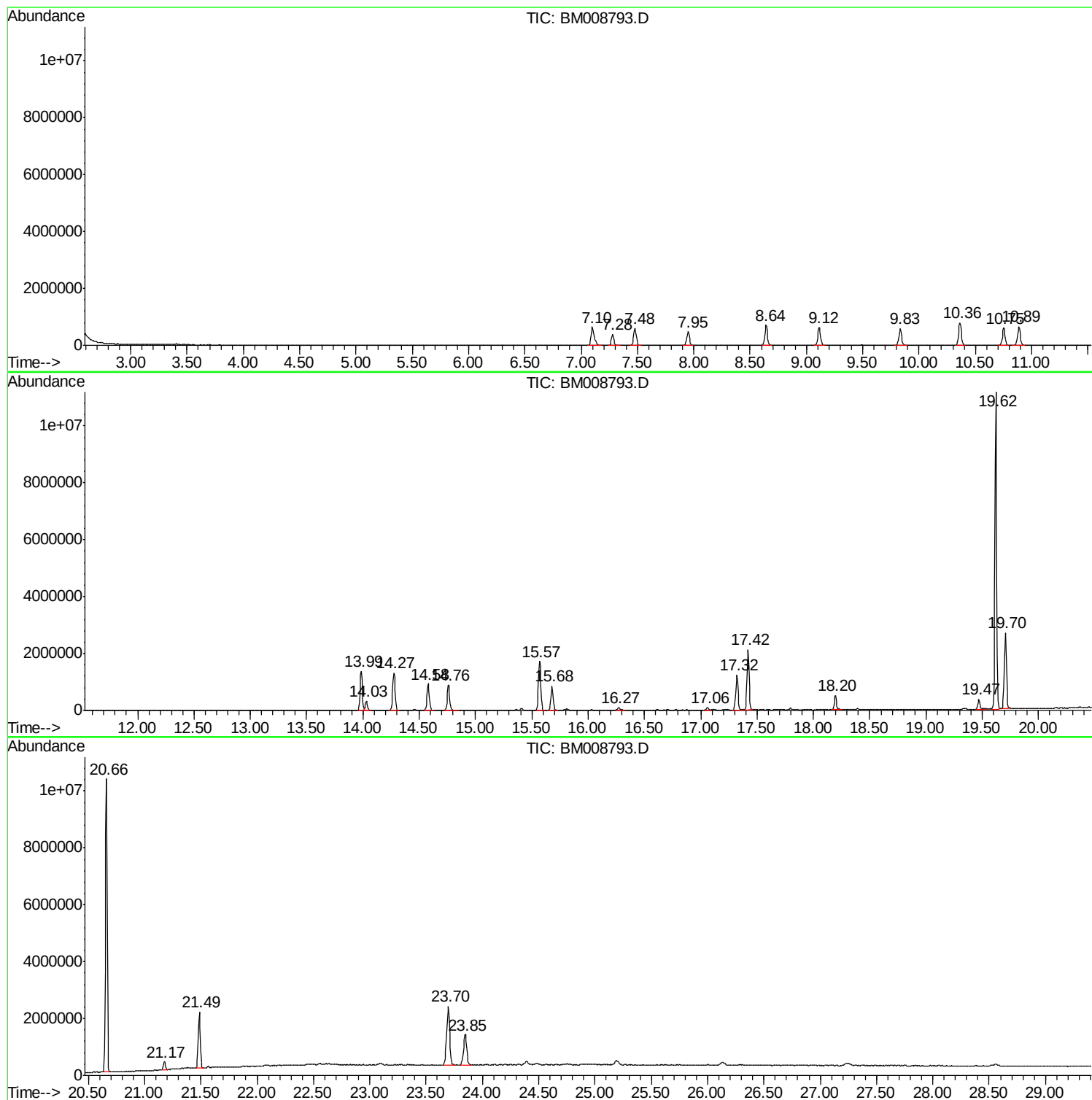
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



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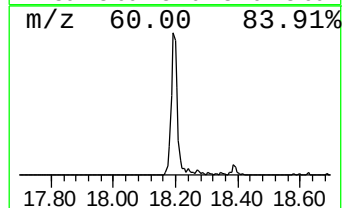
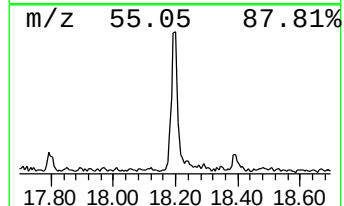
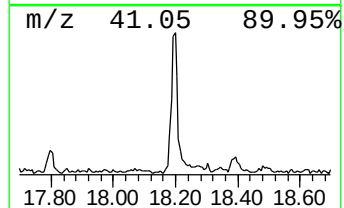
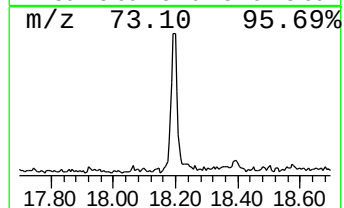
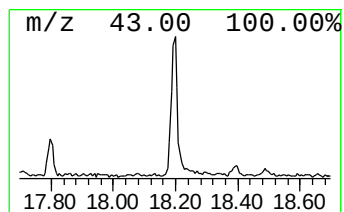
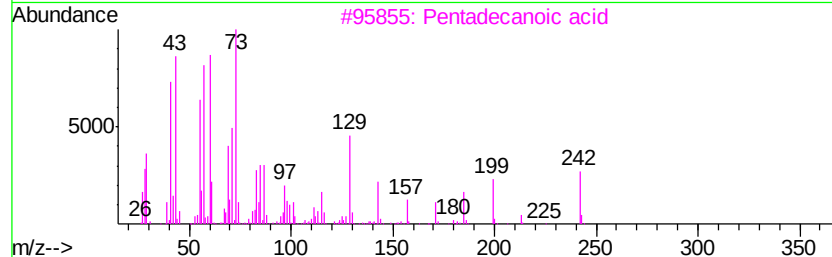
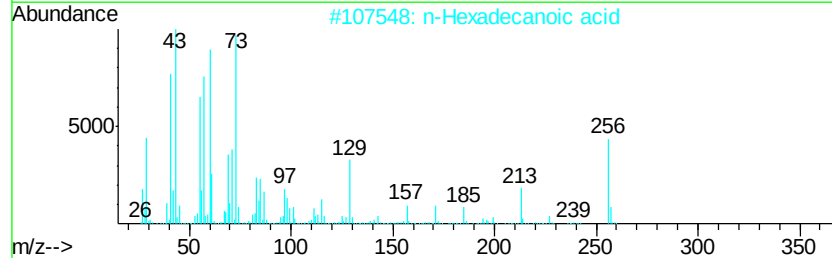
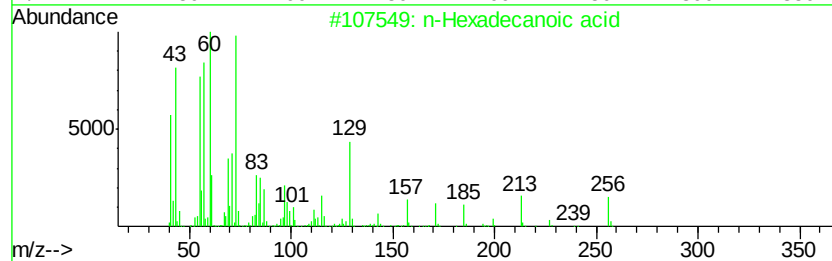
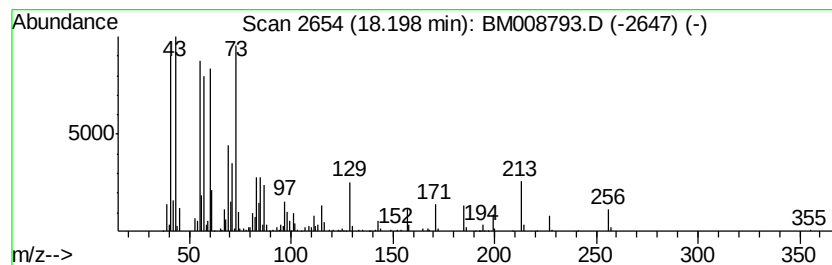
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Quant Title : SVOA CALIBRATION

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.
18.20	8.35 ng/ul	746235	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Octadecanoic acid	284	C18H36O2	000057-11-4	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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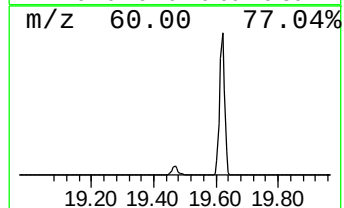
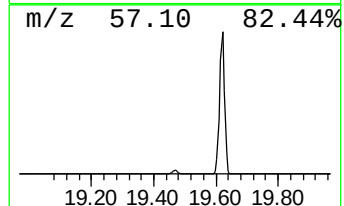
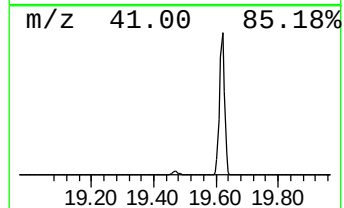
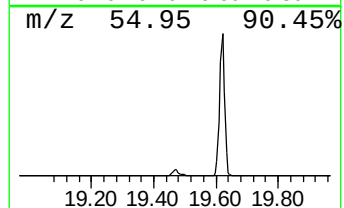
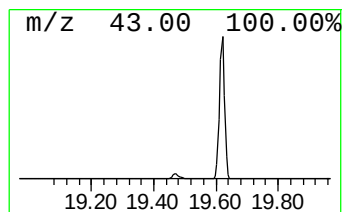
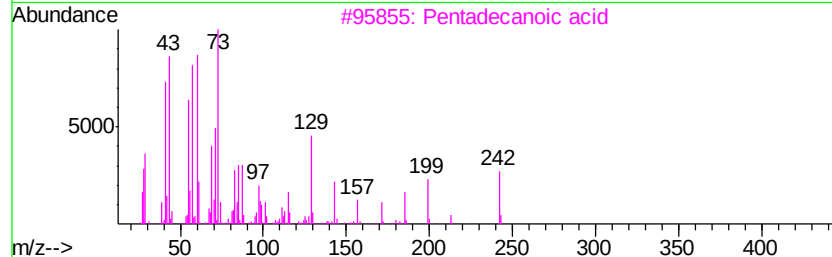
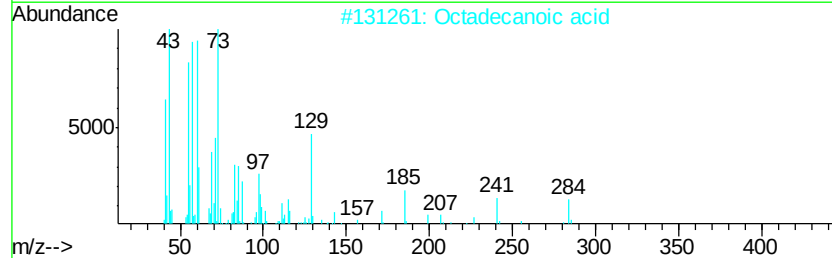
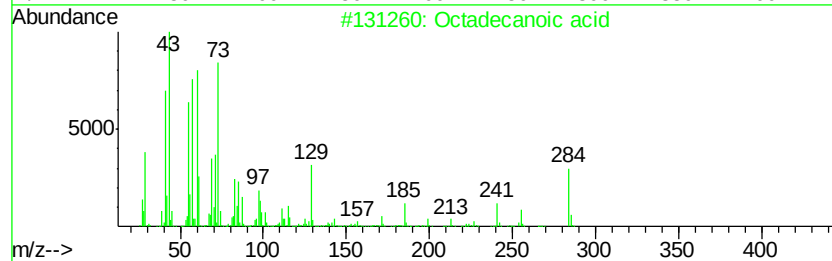
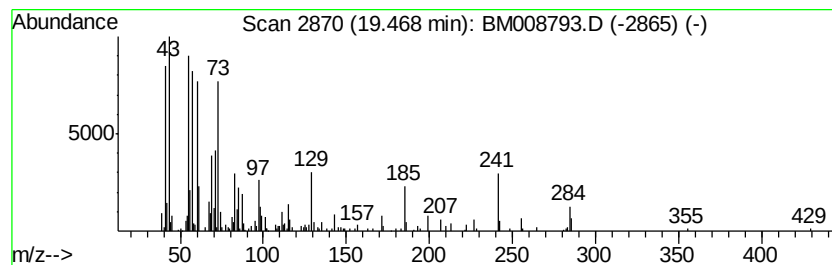
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	4.19 ng/ul	519151	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Octadecanoic acid	284	C18H36O2	000057-11-4	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Octadecanoic acid	284	C18H36O2	000057-11-4	83



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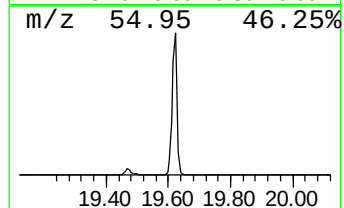
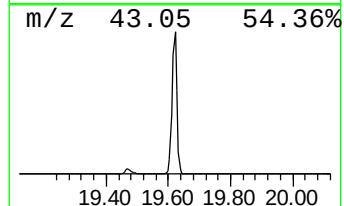
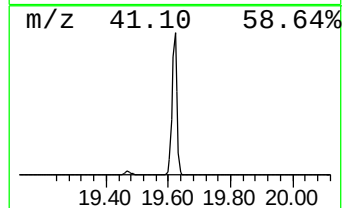
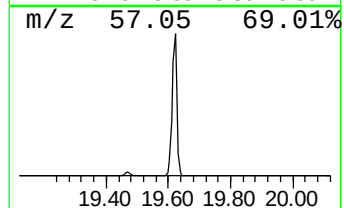
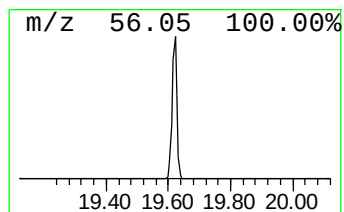
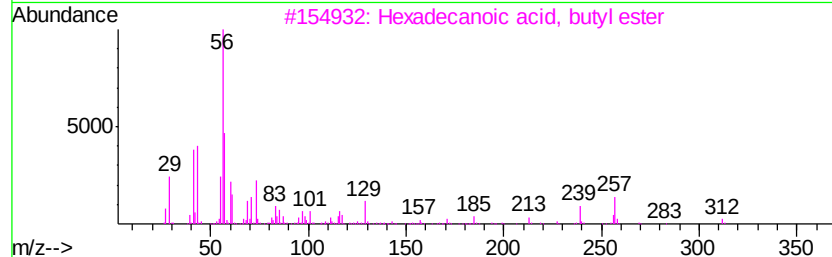
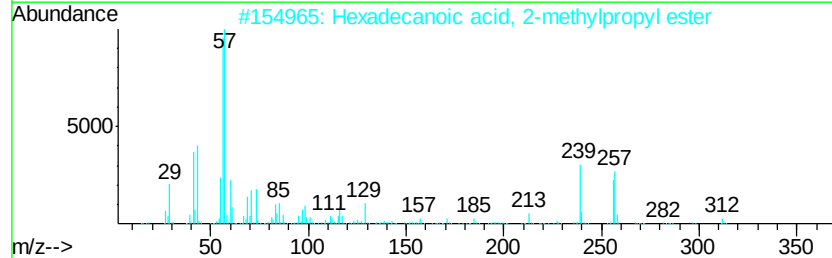
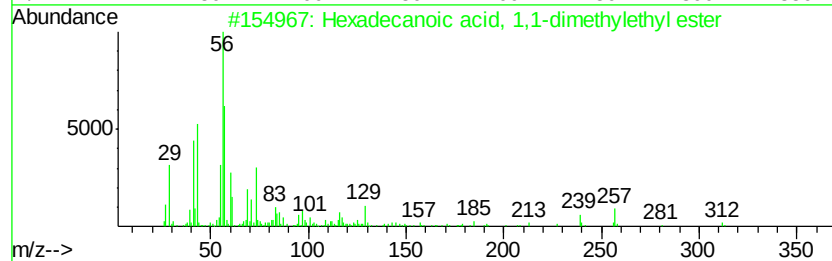
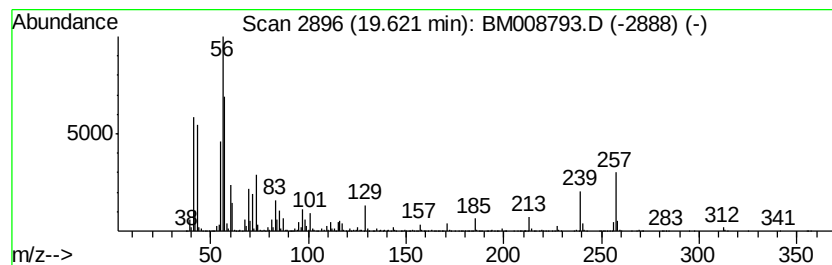
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	97.36 ng/ul	12069500	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	70
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	70
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	46
5		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38



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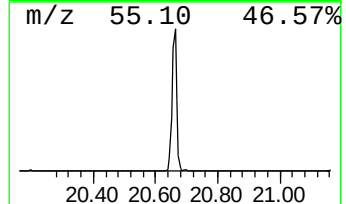
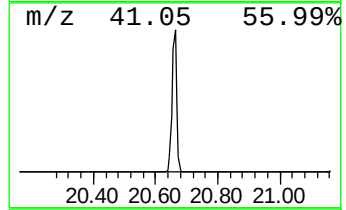
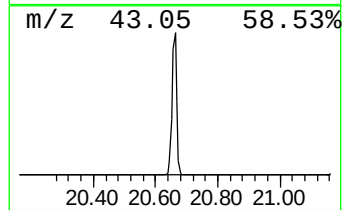
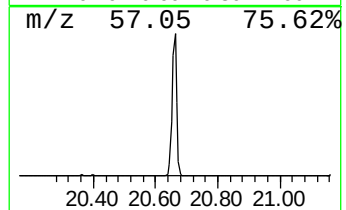
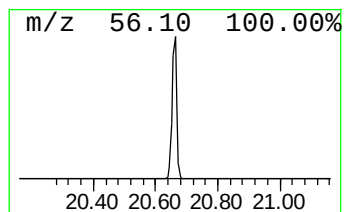
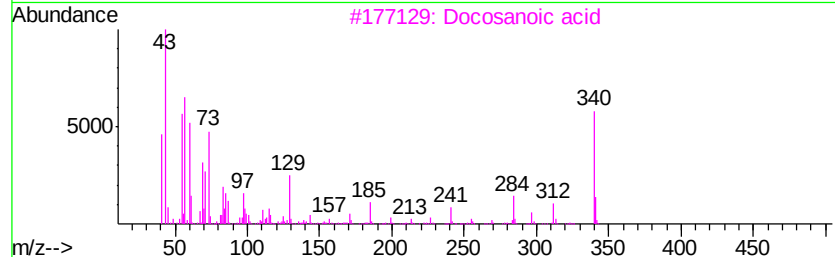
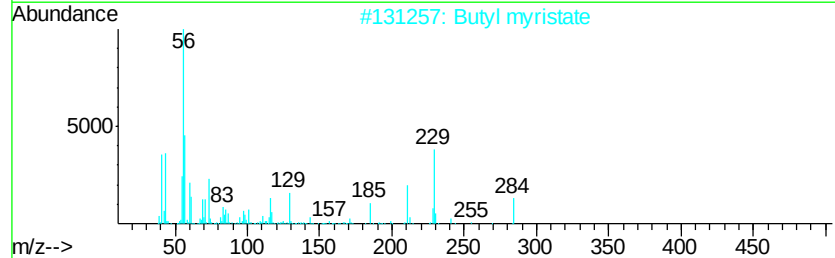
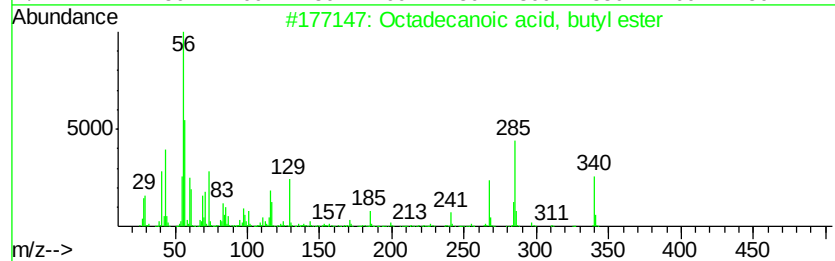
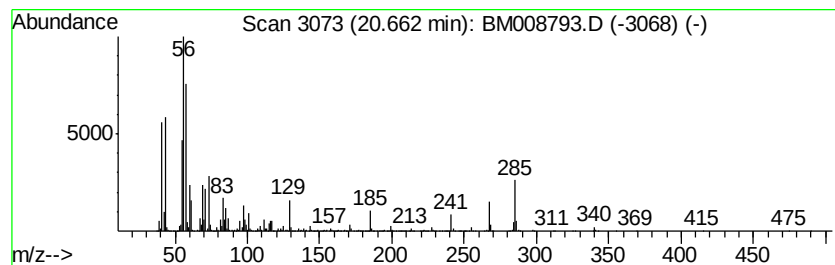
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.66	84.80 ng/ul	10512700	Chrysene-d12	21.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	80
2		Butyl myristate	284	C18H36O2	000110-36-1	59
3		Docosanoic acid	340	C22H44O2	000112-85-6	47
4		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
5		Cyclopropane, propyl-	84	C6H12	002415-72-7	30



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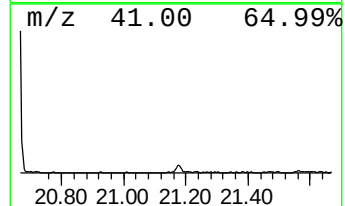
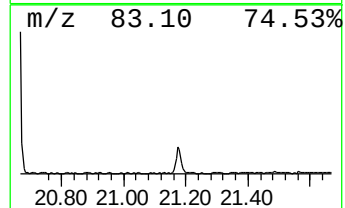
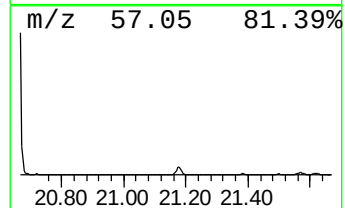
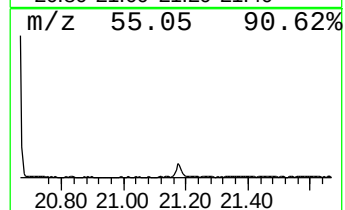
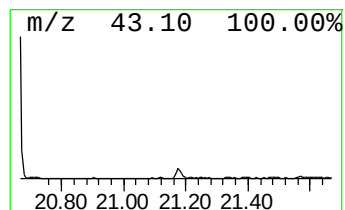
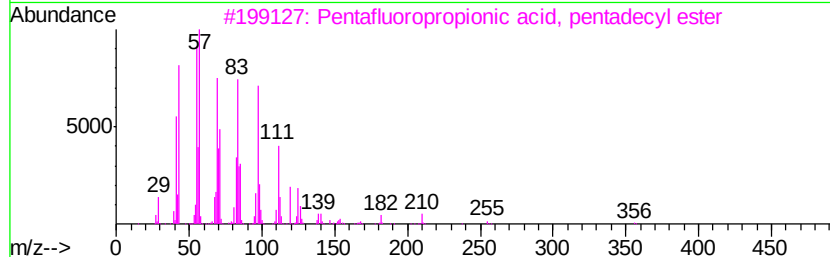
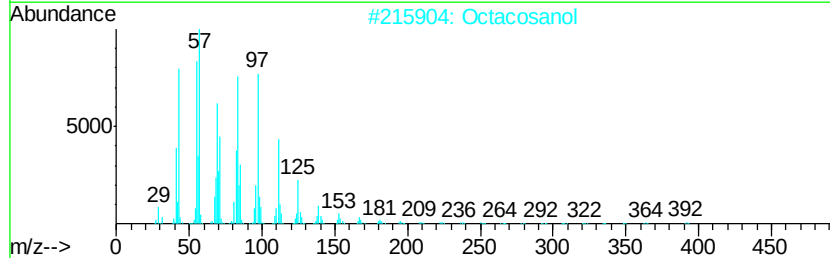
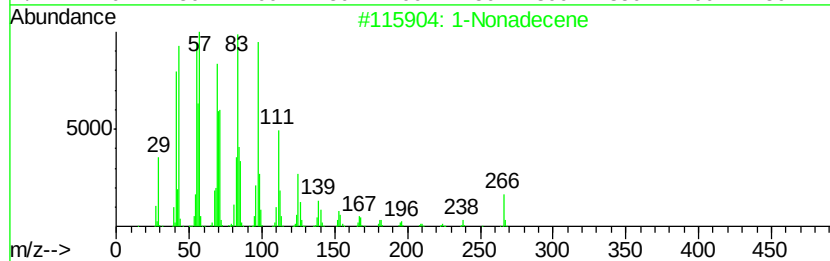
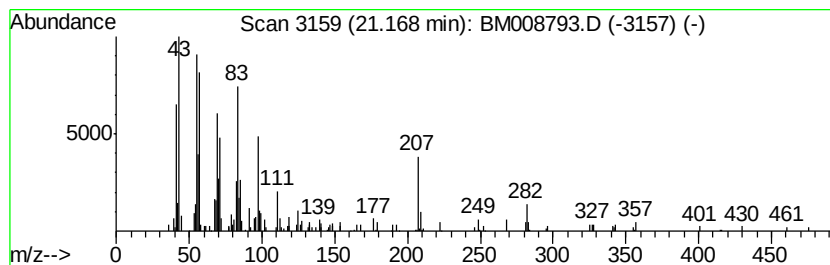
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Peak Number 5 (DEL) Alkane: Cyclic21.17 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.17	2.98 ng/ul	368906	Chrysene-d12	21.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Octacosanol	410	C28H58O	000557-61-9	90
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.20	8.3	ng/ul	746235	4	17.32	1788220	20.0
Octadecanoic acid	19.47	4.2	ng/ul	519151	5	21.49	2479310	20.0
Hexadecanoic acid...	19.62	97.4	ng/ul	12069500	5	21.49	2479310	20.0
Octadecanoic acid...	20.66	84.8	ng/ul	10512700	5	21.49	2479310	20.0
(DEL) Alkane: Cyc...	21.17	3.0	ng/ul	368906	5	21.49	2479310	20.0