

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
 Data File : BM009837.D
 Acq On : 01 May 2017 19:19
 Operator : SJ/MA
 Sample : I2848-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHT10

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\SOM-EPA-BM042517.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	6.987	655	663	676	rVB	321949	585166	20.85%	1.863%
2	7.145	684	690	702	rVB	239339	389173	13.86%	1.239%
3	7.345	716	724	731	rBV	312221	518208	18.46%	1.649%
4	7.810	793	803	811	rBV	347937	573532	20.43%	1.825%
5	8.522	917	924	936	rBV	421758	705065	25.12%	2.244%
6	8.981	994	1002	1012	rBV	323295	567237	20.21%	1.805%
7	9.698	1117	1124	1132	rBV2	283691	482493	17.19%	1.536%
8	10.233	1209	1215	1224	rBV	399373	678649	24.18%	2.160%
9	10.610	1272	1279	1289	rVB	508335	859259	30.61%	2.735%
10	10.757	1297	1304	1317	rBV	361620	662227	23.59%	2.108%
11	13.868	1827	1833	1838	rBV	848032	1166419	41.55%	3.713%
12	13.916	1838	1841	1846	rVB	91160	121941	4.34%	0.388%
13	14.151	1875	1881	1890	rBV	836938	1260762	44.91%	4.013%
14	14.327	1906	1911	1916	rBV2	20855	28506	1.02%	0.091%
15	14.463	1926	1934	1942	rBV2	834388	1286035	45.81%	4.093%
16	14.686	1965	1972	1983	rBV	359965	661270	23.56%	2.105%
17	15.286	2069	2074	2079	rBV3	39060	52767	1.88%	0.168%
18	15.457	2096	2103	2110	rBV	1226596	1702332	60.64%	5.418%
19	15.592	2120	2126	2134	rBV2	375677	567489	20.22%	1.806%
20	15.692	2138	2143	2147	rVB5	24489	36239	1.29%	0.115%
21	16.145	2216	2220	2225	rBV	48532	75474	2.69%	0.240%
22	16.939	2351	2355	2360	rBV5	28564	38991	1.39%	0.124%
23	17.215	2395	2402	2410	rBV	1208033	1794718	63.94%	5.712%
24	17.309	2412	2418	2426	rVB	1350391	1995464	71.09%	6.351%
25	18.086	2545	2550	2555	rBV2	173676	233010	8.30%	0.742%
26	19.245	2745	2747	2751	rVB6	26922	29871	1.06%	0.095%
27	19.368	2764	2768	2771	rBV4	51169	75759	2.70%	0.241%
28	19.609	2803	2809	2815	rBV	1892473	2604143	92.77%	8.289%
29	20.521	2962	2964	2968	rVB3	85530	81565	2.91%	0.260%
30	21.080	3056	3059	3063	rBV3	243866	266161	9.48%	0.847%
31	21.397	3108	3113	3118	rVB	2174491	2638376	93.99%	8.398%
32	23.003	3382	3386	3392	rVB	784178	1143610	40.74%	3.640%
33	23.562	3476	3481	3488	rVB2	1489776	2807048	100.00%	8.934%
34	23.709	3501	3506	3513	rVB	1376385	2675529	95.31%	8.516%

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Stop Thrs : 0 Peak Location: TOP

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35	26.838	4031	4038	4049	rVB6	710690	2053666	73.16%	6.537%
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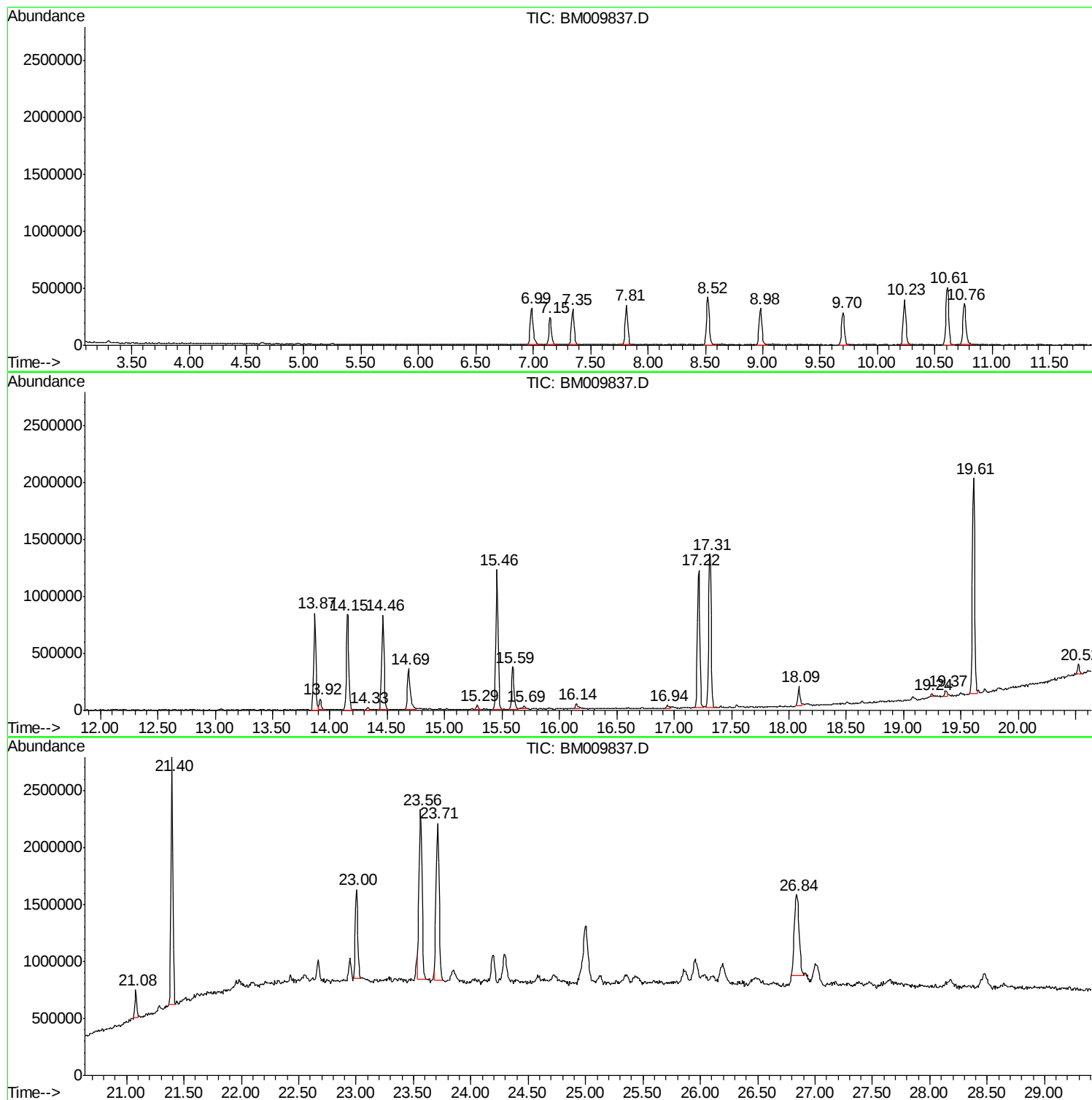
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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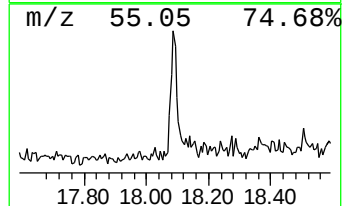
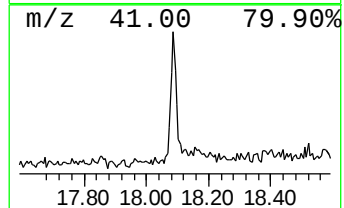
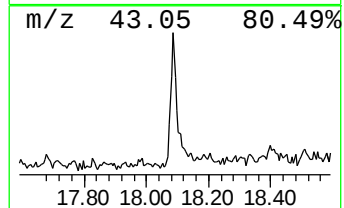
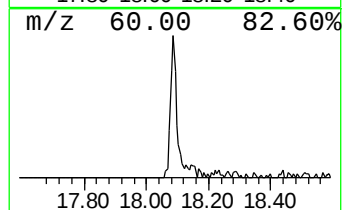
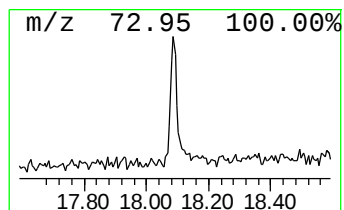
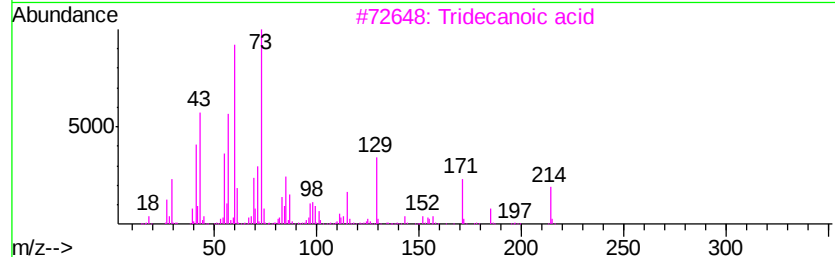
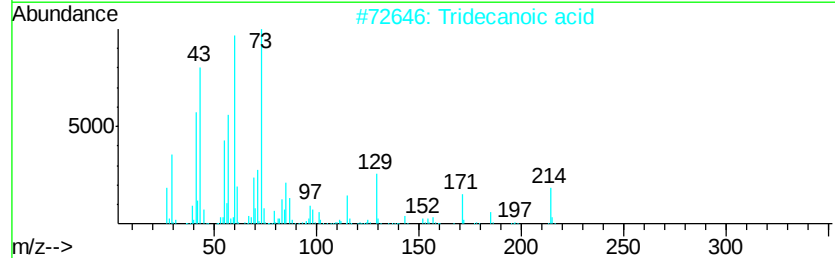
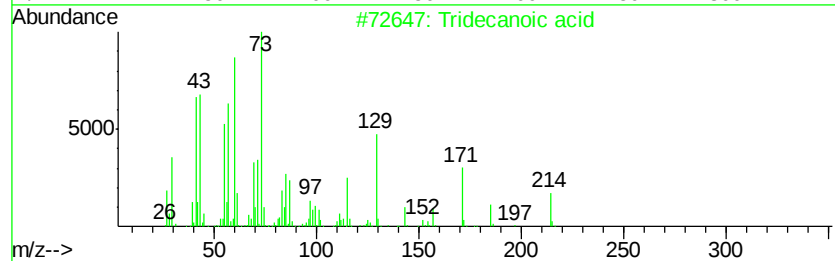
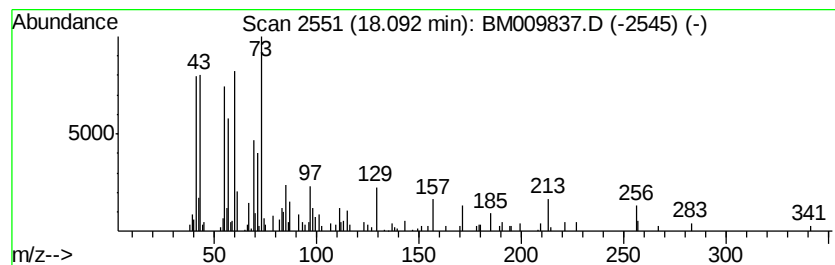
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.60 ng/ul	233010	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



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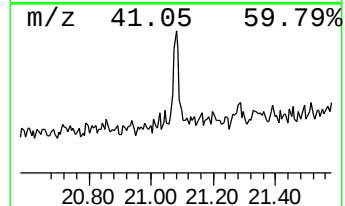
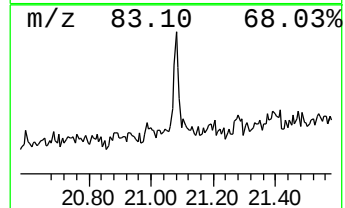
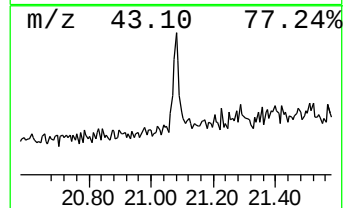
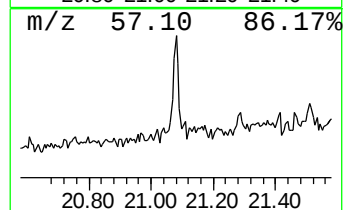
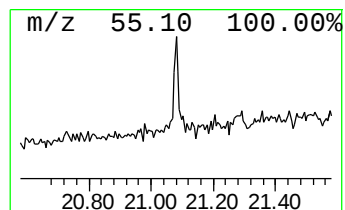
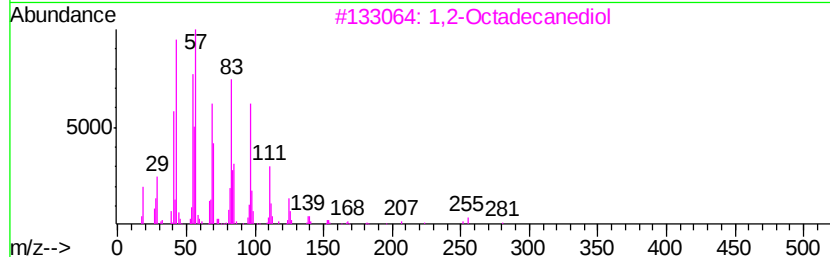
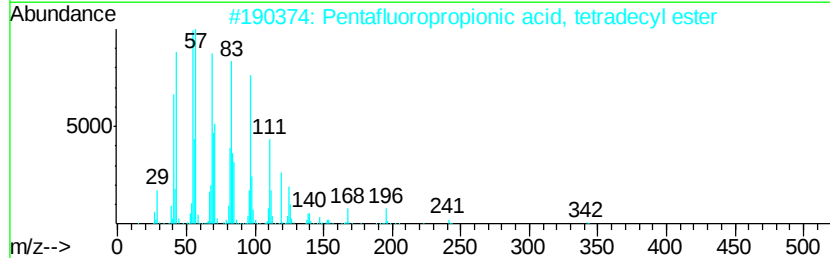
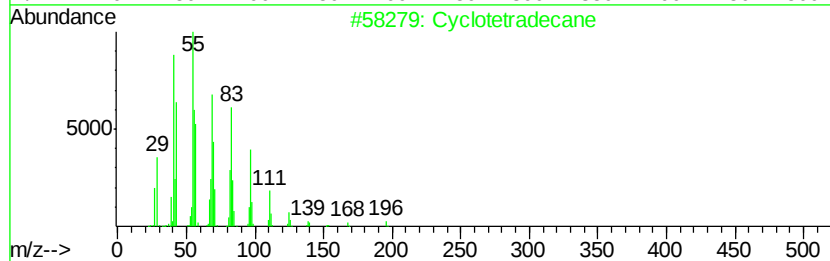
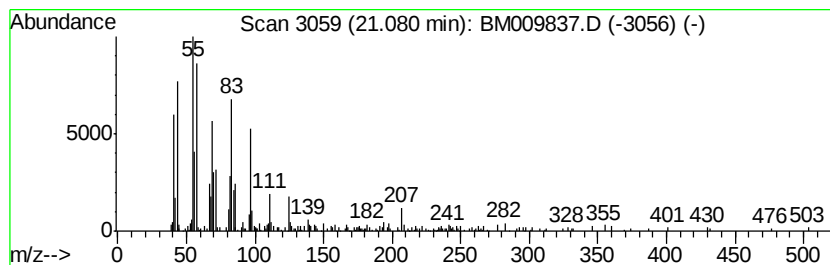
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.02 ng/ul	266161	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	92
2		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
3		1,2-Octadecanediol	286	C18H38O2	020294-76-2	90
4		1-Hexadecanethiol	258	C16H34S	002917-26-2	89
5		1-Octadecene	252	C18H36	000112-88-9	87



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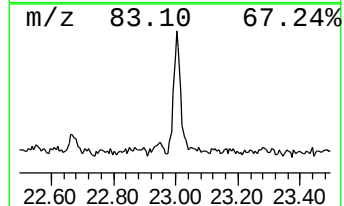
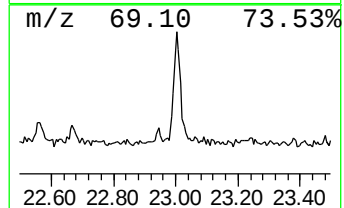
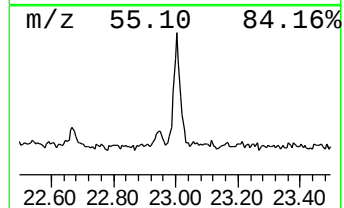
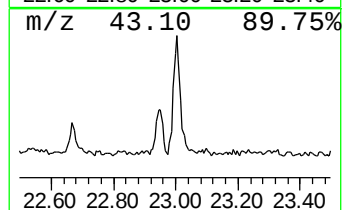
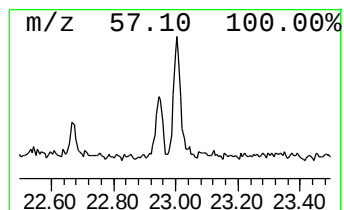
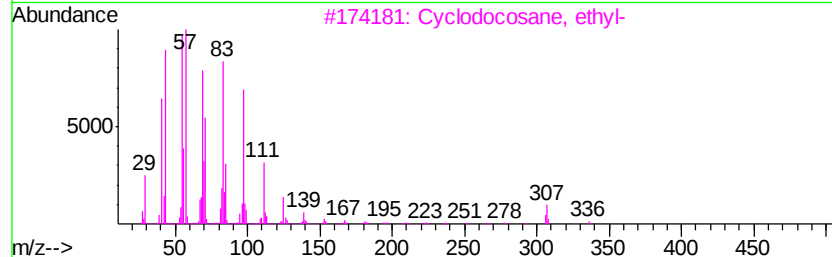
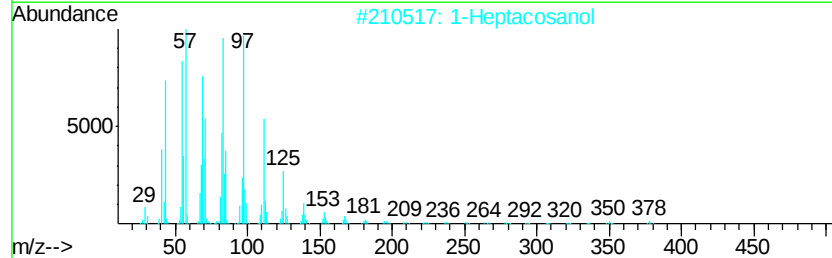
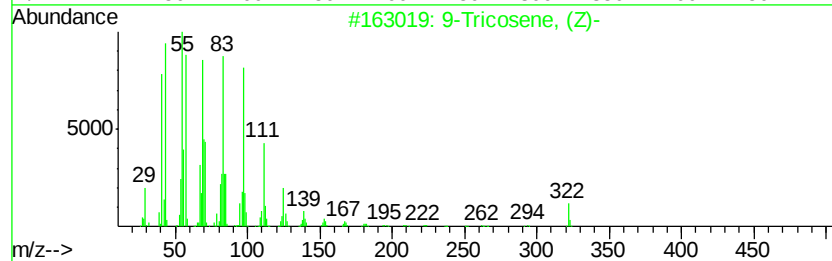
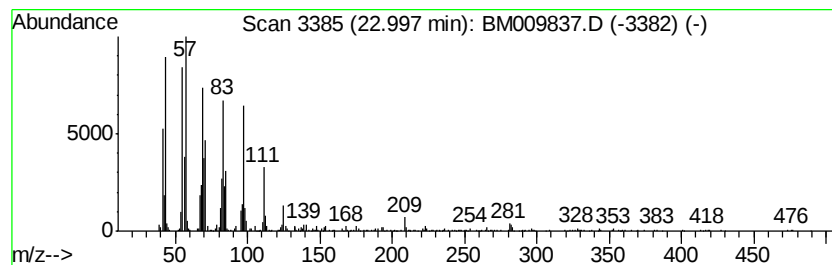
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic23.00 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	8.55 ng/ul	1143610	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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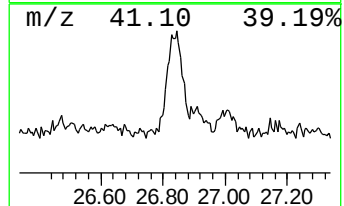
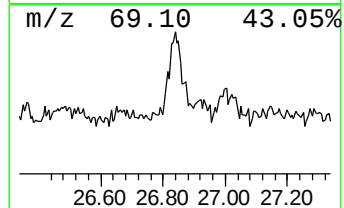
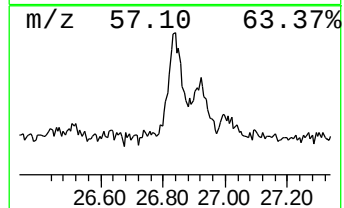
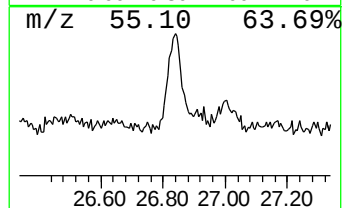
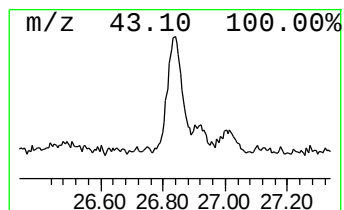
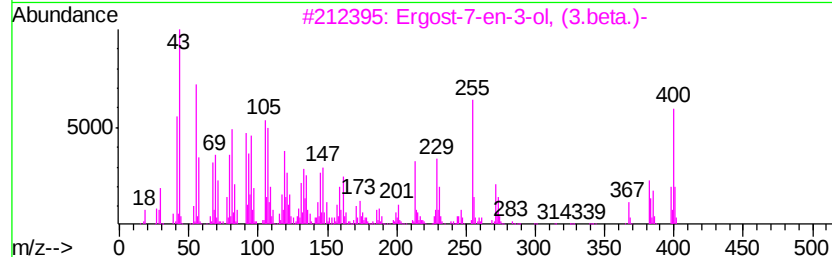
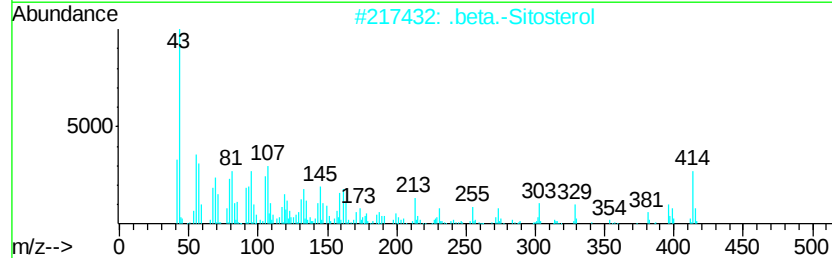
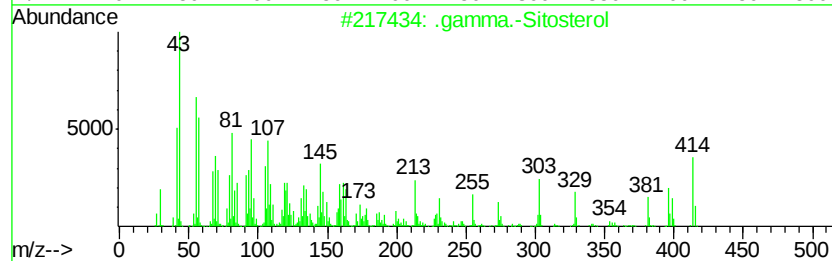
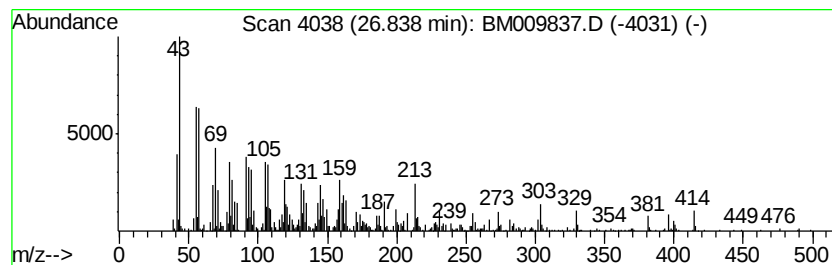
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.84	15.35 ng/ul	2053670	Perylene-d12	23.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	87
3		Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	43
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	43
5		Campesterol	400	C28H48O	000474-62-4	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.09	2.6	ng/ul	233010	4	17.22	1794720	20.0
(DEL) Alkane: Cyc...	21.08	2.0	ng/ul	266161	5	21.40	2638380	20.0
(DEL) Alkane: Cyc...	23.00	8.6	ng/ul	1143610	6	23.71	2675530	20.0
.gamma.-Sitosterol	26.84	15.4	ng/ul	2053670	6	23.71	2675530	20.0