

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009727.D
 Acq On : 26 Apr 2017 19:24
 Operator : SJ/MA
 Sample : I2836-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EME-TS004-01

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	3.310	34	38	45	rBV2	34514	51452	1.09%	0.093%
2	6.987	657	663	674	rBV	749266	1233727	26.17%	2.234%
3	7.157	686	692	703	rBV	545480	859335	18.23%	1.556%
4	7.357	718	726	737	rVB	688331	1128278	23.93%	2.043%
5	7.822	799	805	812	rBV	744538	1223513	25.95%	2.215%
6	8.522	917	924	934	rBV	896156	1454465	30.85%	2.634%
7	8.992	996	1004	1013	rBV	736981	1215179	25.77%	2.200%
8	9.710	1119	1126	1136	rBV	603332	1014876	21.53%	1.838%
9	10.239	1208	1216	1228	rBV2	870712	1491572	31.64%	2.701%
10	10.622	1274	1281	1288	rVB	1072095	1807862	38.34%	3.273%
11	10.763	1299	1305	1317	rBV	787783	1366331	28.98%	2.474%
12	13.880	1828	1835	1839	rBV	1635887	2245502	47.63%	4.066%
13	13.927	1839	1843	1848	rVB	343042	476314	10.10%	0.862%
14	14.163	1876	1883	1891	rBV	1753496	2589350	54.92%	4.689%
15	14.345	1909	1914	1919	rBV	45510	58913	1.25%	0.107%
16	14.474	1929	1936	1942	rVB2	1620801	2492354	52.86%	4.513%
17	14.674	1964	1970	1979	rBV	850657	1298883	27.55%	2.352%
18	15.298	2071	2076	2081	rVB	100505	123383	2.62%	0.223%
19	15.462	2098	2104	2111	rBV	2349729	3368954	71.46%	6.100%
20	15.592	2120	2126	2136	rBV	876323	1191834	25.28%	2.158%
21	15.704	2139	2145	2149	rVB4	55954	97619	2.07%	0.177%
22	16.162	2218	2223	2232	rBV	127752	224868	4.77%	0.407%
23	16.951	2352	2357	2362	rBV2	79622	102740	2.18%	0.186%
24	17.004	2362	2366	2370	rVB5	34767	54847	1.16%	0.099%
25	17.221	2397	2403	2409	rVB	2198494	3087322	65.48%	5.590%
26	17.321	2412	2420	2427	rBV	2812803	3850348	81.67%	6.972%
27	17.509	2446	2452	2456	rBV3	37967	55830	1.18%	0.101%
28	17.580	2460	2464	2472	rVB5	39187	62247	1.32%	0.113%
29	18.092	2547	2551	2561	rBV	296070	458922	9.73%	0.831%
30	19.250	2741	2748	2751	rBV5	69256	145719	3.09%	0.264%
31	19.321	2757	2760	2765	rBV7	32300	58194	1.23%	0.105%
32	19.374	2765	2769	2774	rVV2	159708	221310	4.69%	0.401%
33	19.497	2788	2790	2796	rVB2	39544	58859	1.25%	0.107%
34	19.615	2804	2810	2815	rBV2	3487935	4714748	100.00%	8.537%

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Max Peaks: 100
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35	19.721	2825	2828	2837	rVB5	49171	71118	1.51%	0.129%
36	20.115	2887	2895	2900	rBV10	114485	327087	6.94%	0.592%
37	20.274	2919	2922	2930	rVB4	77481	94928	2.01%	0.172%
38	20.786	3006	3009	3017	rBV8	40263	67307	1.43%	0.122%
39	21.086	3056	3060	3067	rBV	434097	537585	11.40%	0.973%
40	21.262	3087	3090	3093	rBV3	71894	77562	1.65%	0.140%
41	21.403	3108	3114	3123	rVB	3041769	4132300	87.65%	7.482%
42	21.991	3211	3214	3221	rVB5	148058	184799	3.92%	0.335%
43	22.956	3375	3378	3382	rVB	216249	298794	6.34%	0.541%
44	23.568	3474	3482	3496	rVB2	1983568	3871078	82.11%	7.009%
45	23.715	3500	3507	3515	rVB	1579405	3028057	64.23%	5.483%
46	24.209	3587	3591	3598	rVB4	132546	231398	4.91%	0.419%
47	26.850	4035	4040	4048	rVB8	211350	520847	11.05%	0.943%
48	28.462	4306	4314	4329	rVB8	440932	1898779	40.27%	3.438%

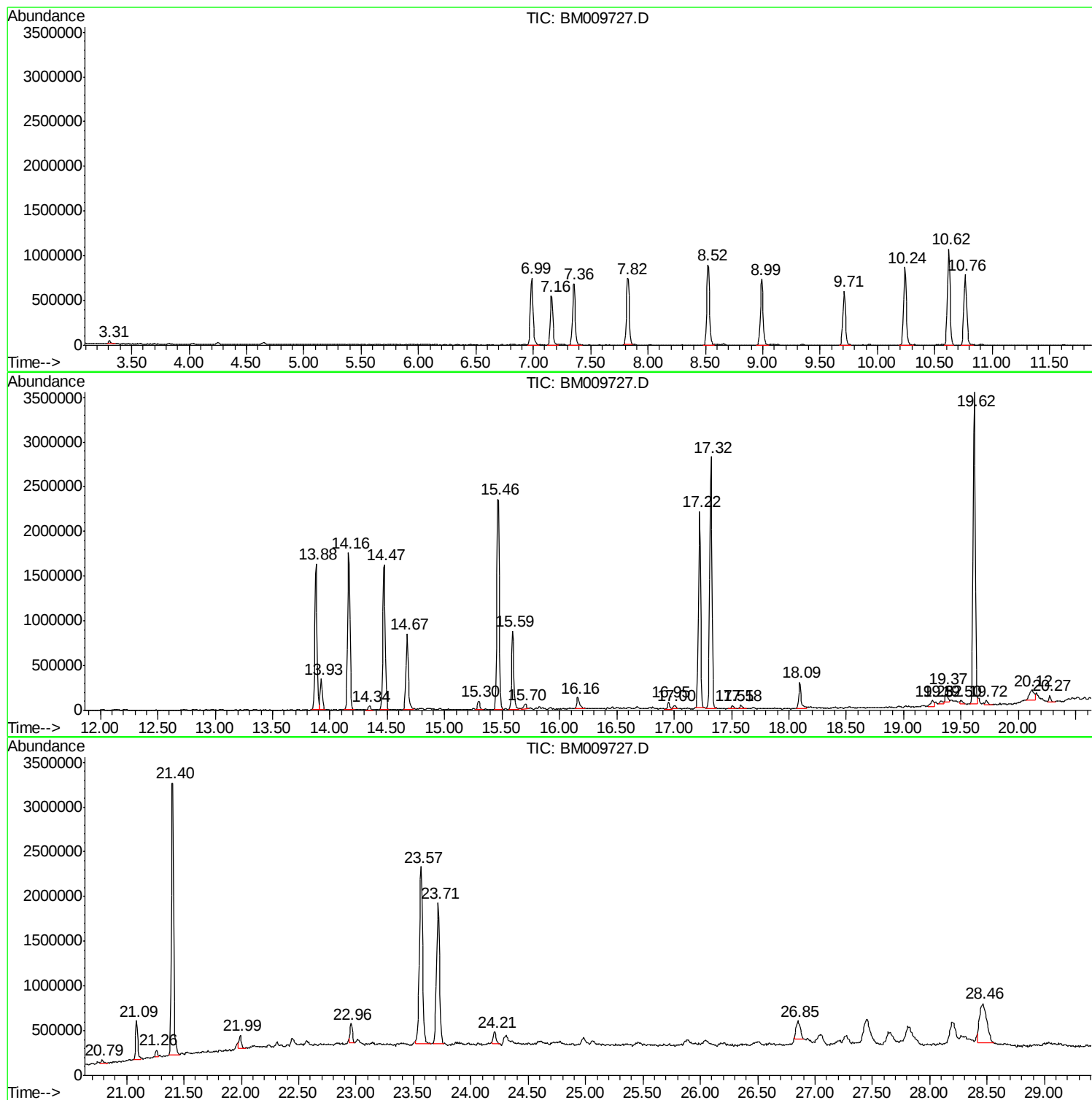
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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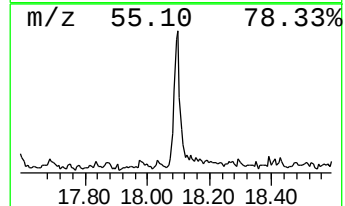
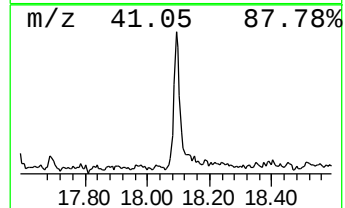
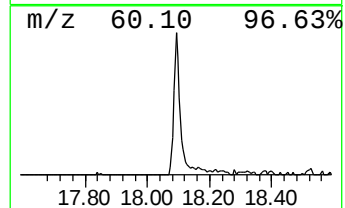
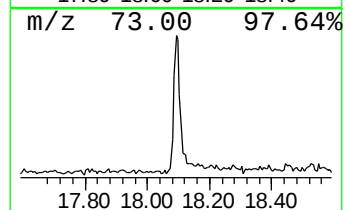
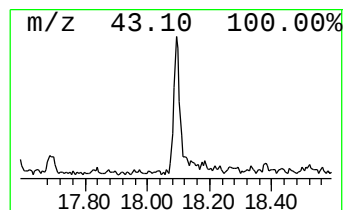
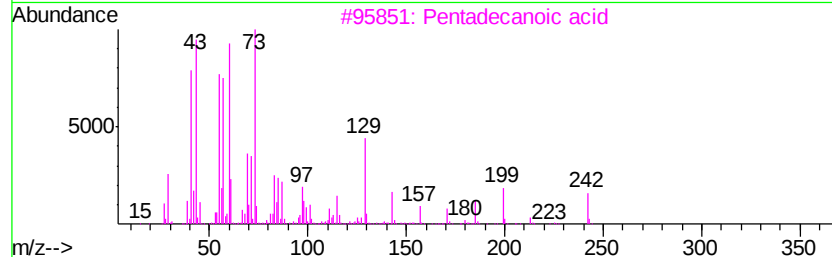
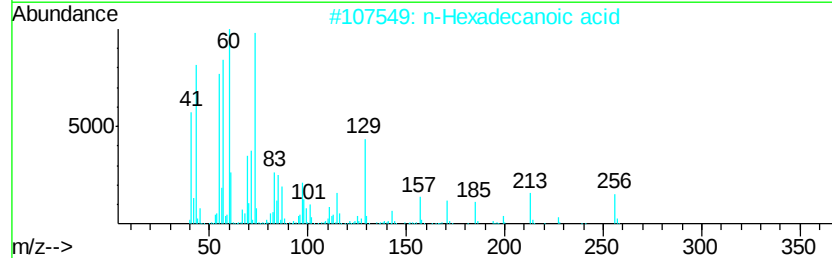
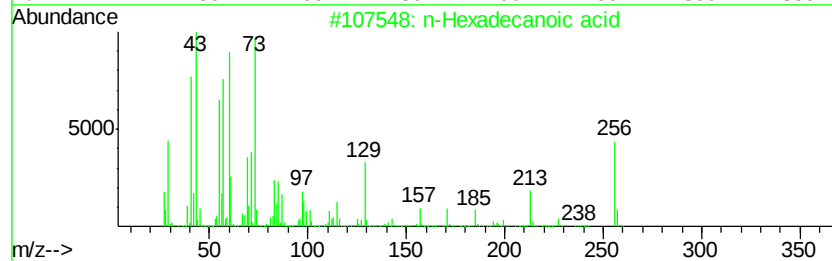
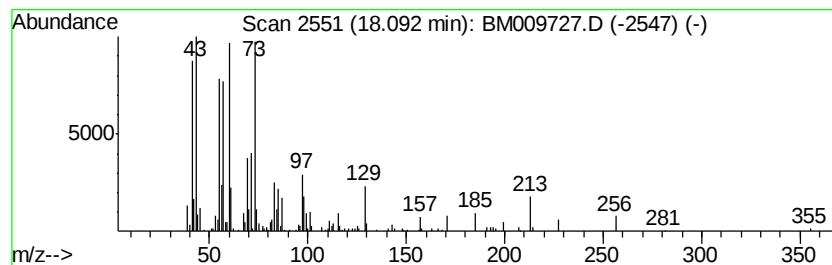
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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.
18.09	2.97 ng/ul	458922	Phenanthrene-d10	17.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



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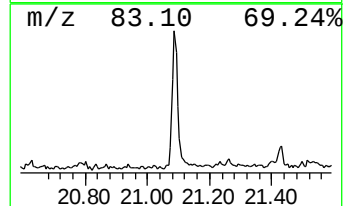
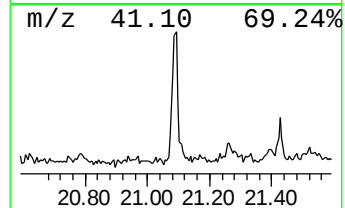
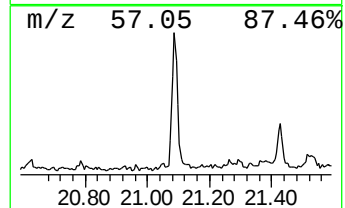
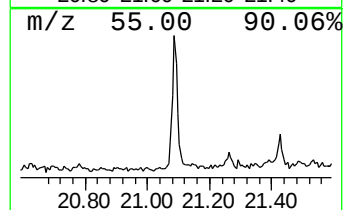
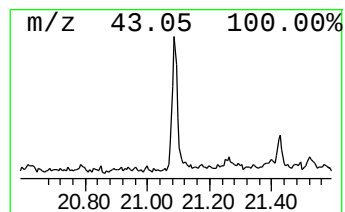
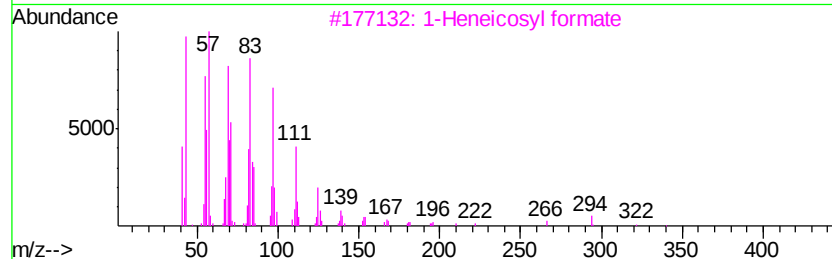
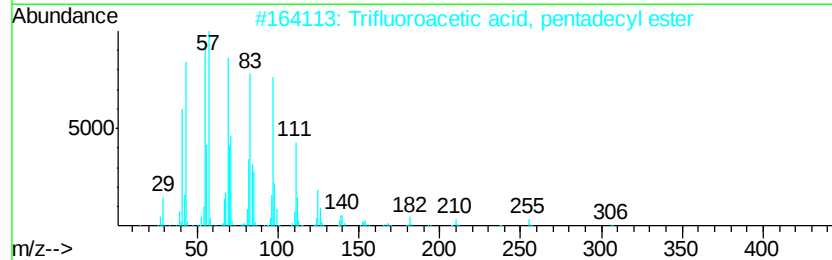
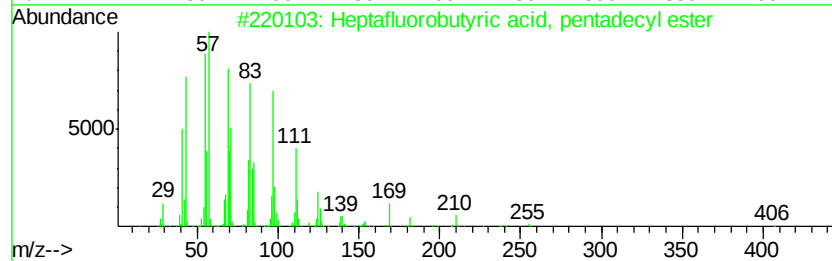
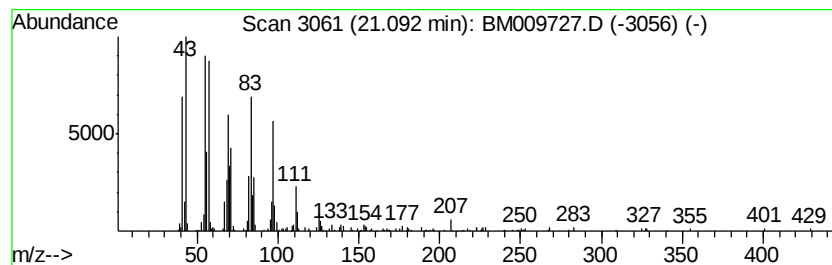
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Peak Number 2 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.09	2.60 ng/ul	537585	Chrysene-d12	21.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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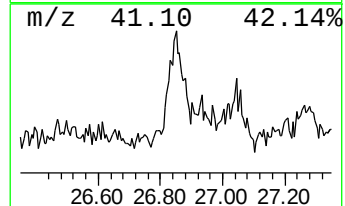
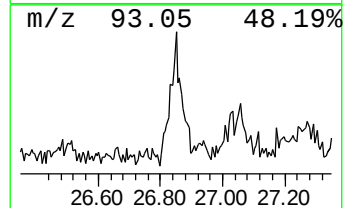
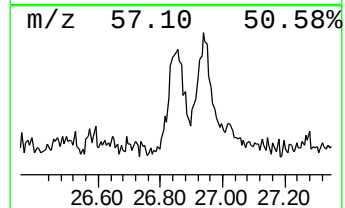
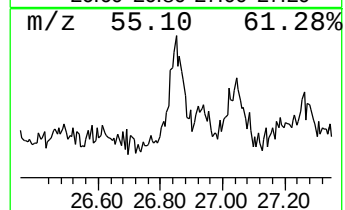
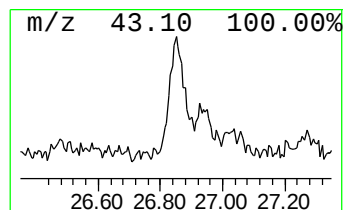
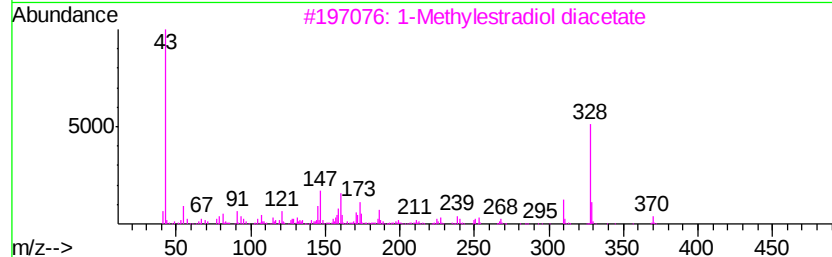
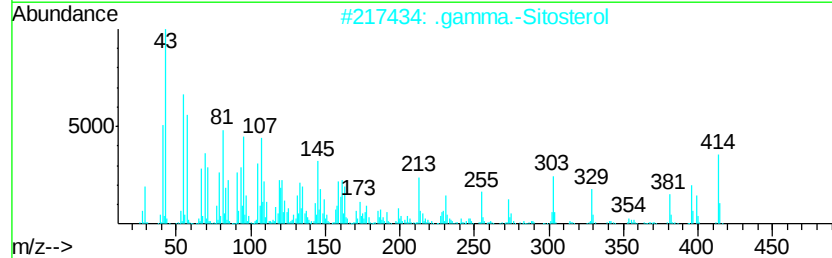
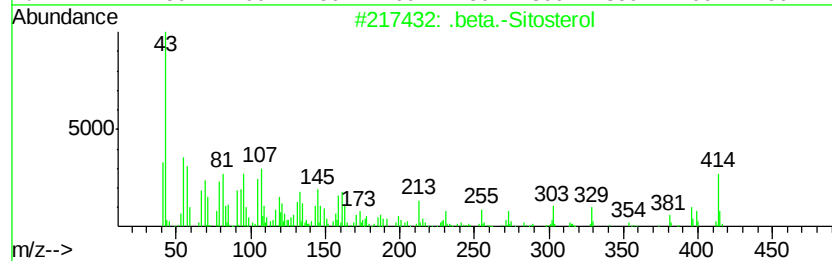
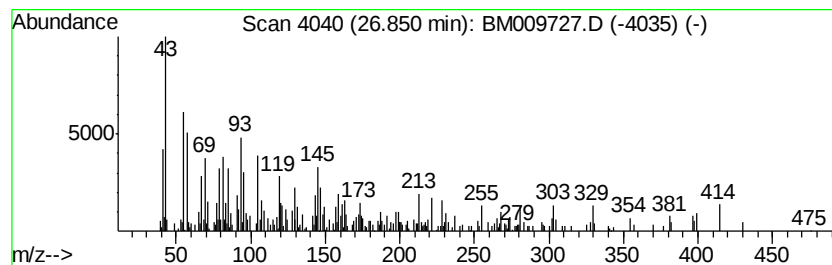
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 .beta.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.85	3.44 ng/ul	520847	Perylene-d12	23.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Sitosterol	414	C29H50O	000083-46-5	70
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	55
3		1-Methylestradiol diacetate	370	C23H30O4	006223-93-4	35
4		Bisnor-7-desoxycholic acid	364	C22H36O4	1000252-00-7	14
5		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	11



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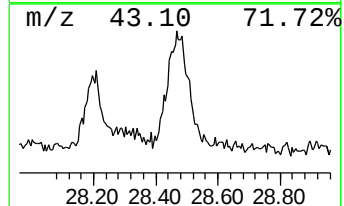
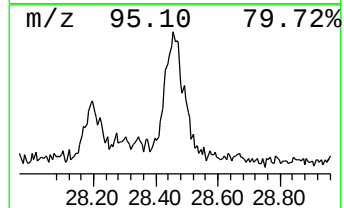
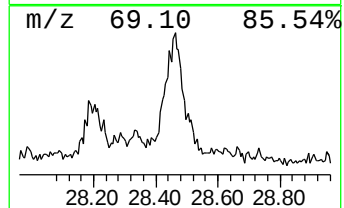
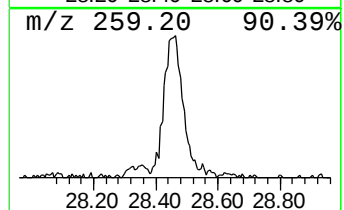
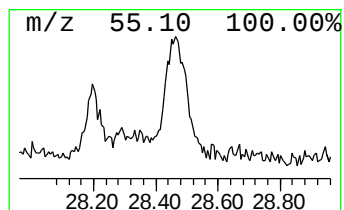
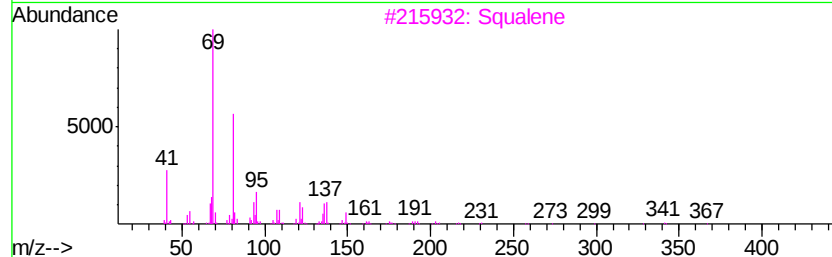
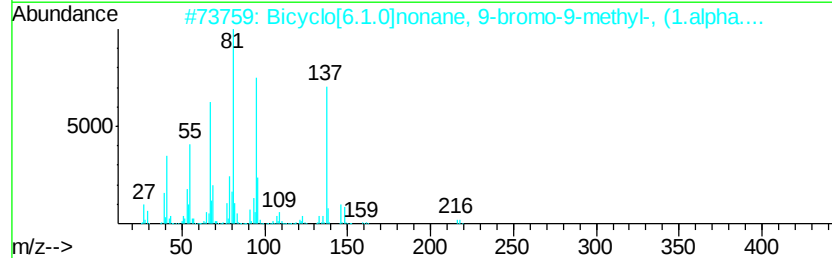
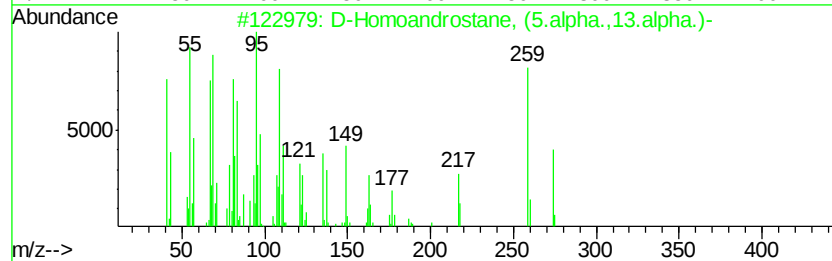
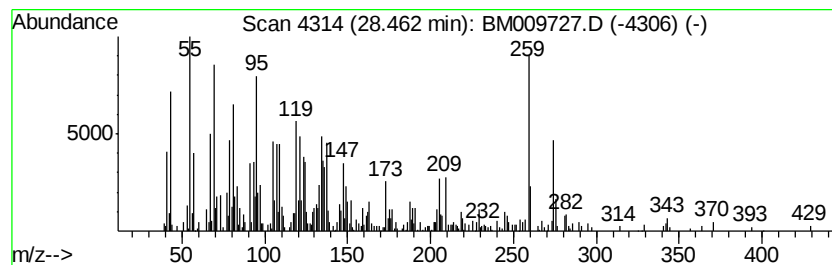
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Peak Number 4 D-Homoandrostande, (5.alpha.... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.46	12.54 ng/ul	1898780	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Homoandrostande, (5.alpha.,13.a...	274	C20H34	054482-31-4	50
2		Bicyclo[6.1.0]nonane, 9-bromo-9-...	216	C10H17Br	059474-03-2	25
3		Squalene	410	C30H50	000111-02-4	22
4		1,3-DIETHYL-2-HYDROXYBENZOTHAZO...	274	C14H14N2O2S	1000227-15-3	18
5		1-(4-Undecylphenyl)ethanone	274	C19H30O	1000185-92-4	18



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	3.0	ng/ul	458922	4	17.22	3087320	20.0
Heptafluorobutyri...	21.09	2.6	ng/ul	537585	5	21.40	4132300	20.0
.beta.-Sitosterol	26.85	3.4	ng/ul	520847	6	23.71	3028060	20.0
D-Homoandrostande,...	28.46	12.5	ng/ul	1898780	6	23.71	3028060	20.0