

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
 Data File : BM010701.D
 Acq On : 23 Jun 2017 21:50
 Operator : SJ/JU
 Sample : I3857-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H2TR7

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-BM062017.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	6.645	632	639	649	rVB	140804	215372	12.89%	1.340%
2	6.810	660	667	674	rBB	90615	138416	8.29%	0.861%
3	6.998	693	699	705	rBB	143831	210629	12.61%	1.311%
4	7.457	771	777	785	rBB	320854	485587	29.07%	3.022%
5	8.163	891	897	905	rBB	190366	276753	16.57%	1.722%
6	8.604	966	972	979	rVB	141665	218952	13.11%	1.363%
7	9.316	1087	1093	1100	rBB	134551	208311	12.47%	1.296%
8	9.845	1177	1183	1192	rBB2	212833	333749	19.98%	2.077%
9	10.222	1240	1247	1256	rBB	481780	764813	45.79%	4.760%
10	10.363	1265	1271	1278	rBB	106766	163367	9.78%	1.017%
11	13.374	1778	1783	1789	rVB3	22660	29151	1.75%	0.181%
12	13.533	1804	1810	1814	rBV	419597	573333	34.32%	3.568%
13	13.580	1814	1818	1826	rVB	224549	300360	17.98%	1.869%
14	13.798	1849	1855	1861	rBV	421898	600041	35.92%	3.734%
15	14.110	1902	1908	1916	rVB2	754923	1169059	69.99%	7.276%
16	14.321	1938	1944	1949	rBV	160245	224104	13.42%	1.395%
17	15.110	2072	2078	2086	rBV	571980	788307	47.19%	4.906%
18	15.233	2095	2099	2105	rVB	184873	236297	14.15%	1.471%
19	16.868	2370	2377	2385	rVV	1046854	1500562	89.84%	9.339%
20	16.962	2387	2393	2402	rVB2	658808	906936	54.30%	5.644%
21	17.786	2528	2533	2538	rBV2	124032	158898	9.51%	0.989%
22	18.962	2730	2733	2742	rVB6	18584	35001	2.10%	0.218%
23	19.086	2750	2754	2761	rBV2	115219	144272	8.64%	0.898%
24	19.156	2761	2766	2770	rVB5	19827	29747	1.78%	0.185%
25	19.274	2780	2786	2792	rVB	791104	1066563	63.85%	6.638%
26	19.986	2904	2907	2915	rBV8	21611	36816	2.20%	0.229%
27	20.180	2936	2940	2944	rBV4	55581	70020	4.19%	0.436%
28	20.286	2954	2958	2963	rVV3	12178	21476	1.29%	0.134%
29	20.327	2963	2965	2972	rVB7	12223	18012	1.08%	0.112%
30	20.650	3016	3020	3024	rBV7	26539	44146	2.64%	0.275%
31	20.774	3037	3041	3045	rBV	84652	118706	7.11%	0.739%
32	20.821	3045	3049	3053	rVB	120944	146564	8.77%	0.912%
33	21.027	3081	3084	3088	rBV6	13819	18517	1.11%	0.115%
34	21.080	3088	3093	3098	rVV	1381356	1670329	100.00%	10.395%

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35	21.121	3098	3100	3105	rVB5	35618	43481	2.60%	0.271%
36	21.256	3121	3123	3128	rBV6	12577	19951	1.19%	0.124%
37	21.697	3194	3198	3202	rVB6	56460	79195	4.74%	0.493%
38	22.127	3268	3271	3274	rVB5	30689	41925	2.51%	0.261%
39	22.244	3288	3291	3295	rBV	59298	67408	4.04%	0.420%
40	22.609	3349	3353	3357	rBV3	72631	98654	5.91%	0.614%
41	23.086	3428	3434	3440	rBV	466735	773022	46.28%	4.811%
42	23.144	3440	3444	3449	rVB2	78184	113076	6.77%	0.704%
43	23.221	3450	3457	3465	rVB	702227	1229419	73.60%	7.651%
44	23.756	3543	3548	3554	rVB4	93540	173329	10.38%	1.079%
45	24.450	3662	3666	3673	rVB5	72170	134024	8.02%	0.834%
46	26.085	3938	3944	3953	rVB10	134947	371501	22.24%	2.312%

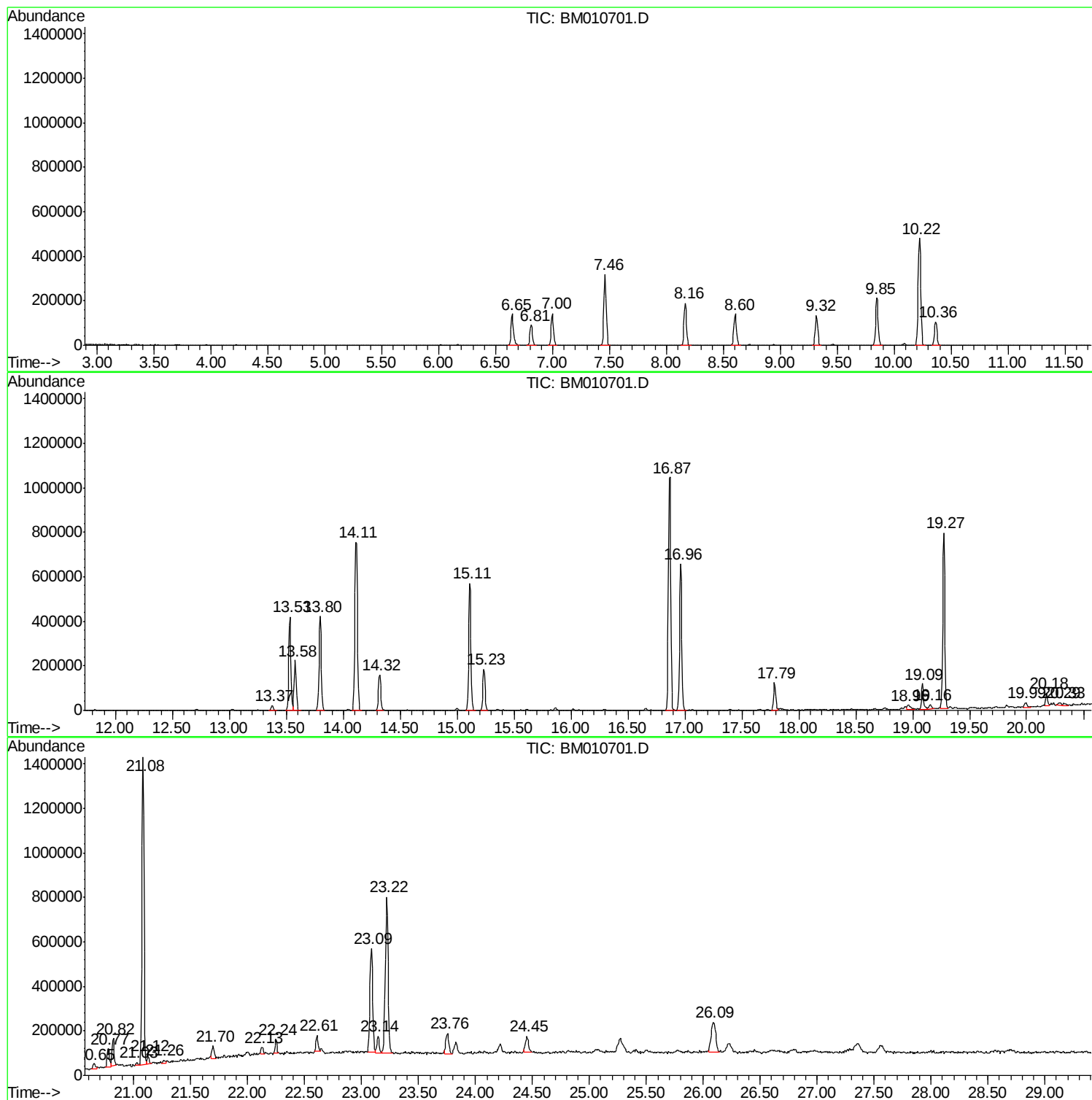
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



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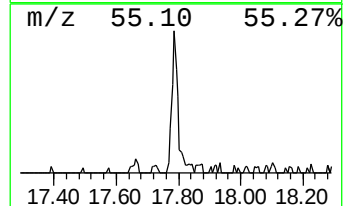
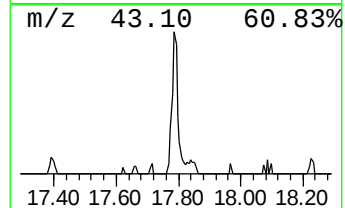
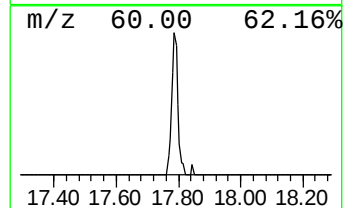
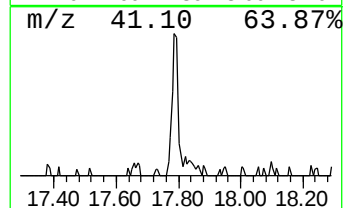
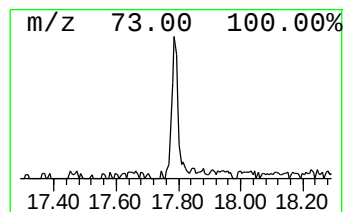
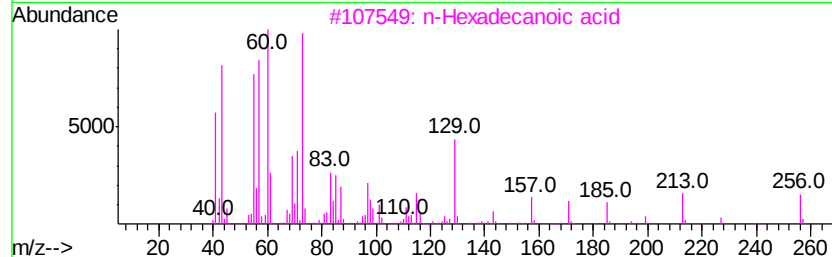
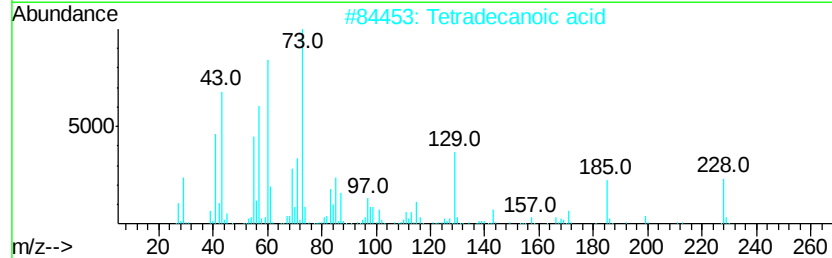
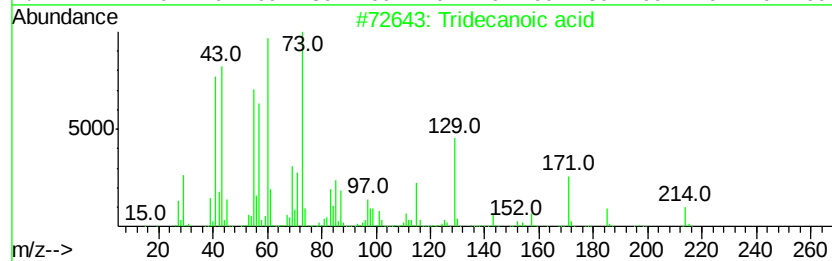
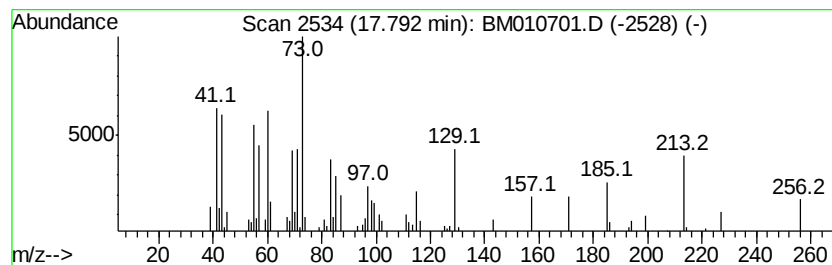
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.12 ng/ul	158898	Phenanthrene-d10	16.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	83
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	78
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4			n-Decanoic acid	172	C10H20O2	000334-48-5	53
5			Tridecanoic acid	214	C13H26O2	000638-53-9	53



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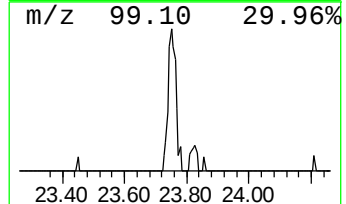
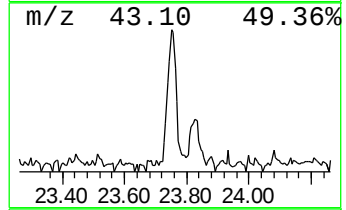
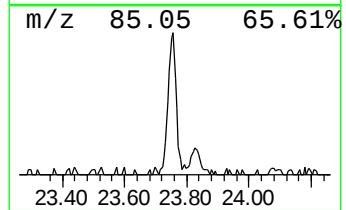
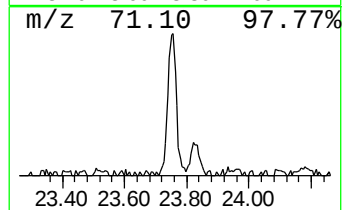
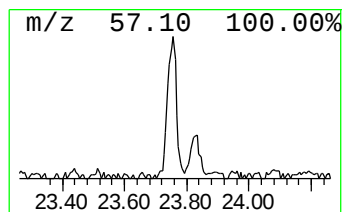
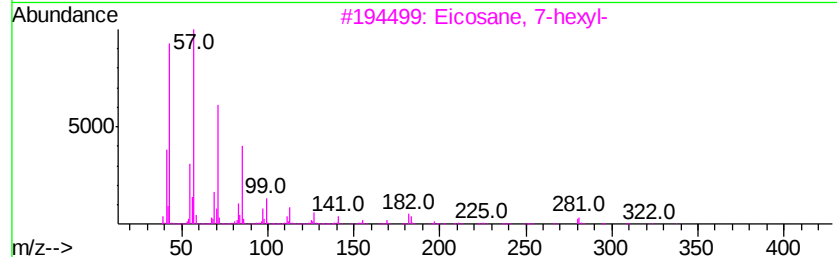
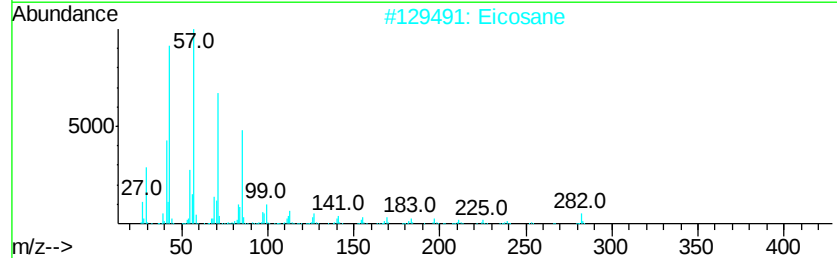
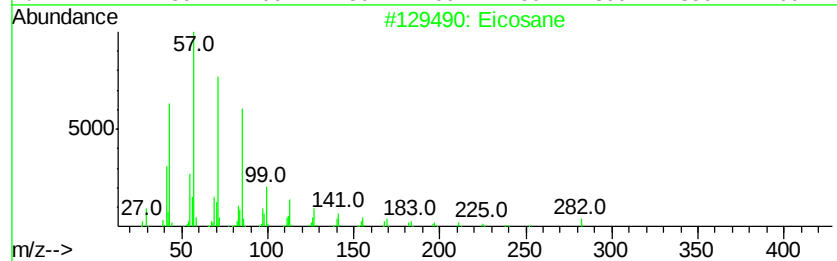
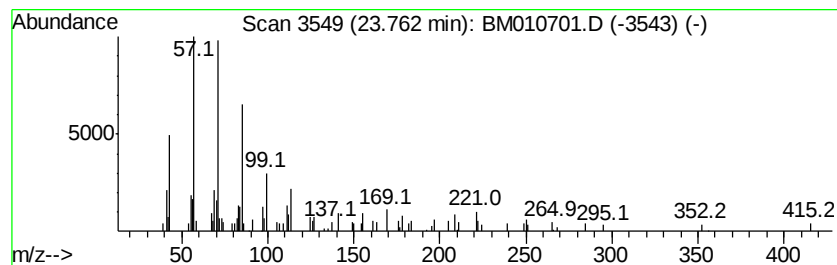
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.82 ng/ul	173329	Perylene-d12	23.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	95
2	Eicosane			282	C20H42	000112-95-8	93
3	Eicosane, 7-hexyl-			366	C26H54	055333-99-8	90
4	Heptadecane, 9-hexyl-			324	C23H48	055124-79-3	90
5	2-methyloctacosane			408	C29H60	1000376-72-8	87



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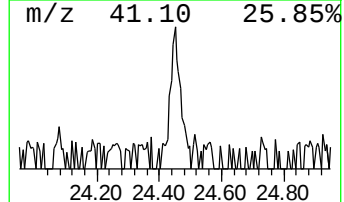
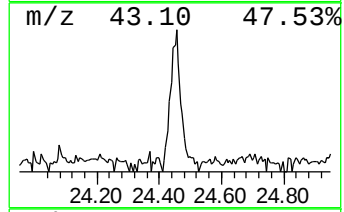
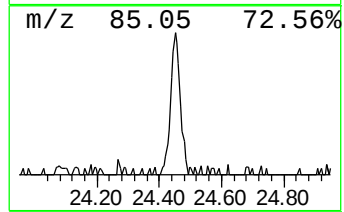
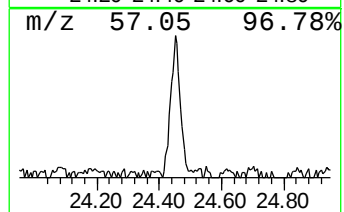
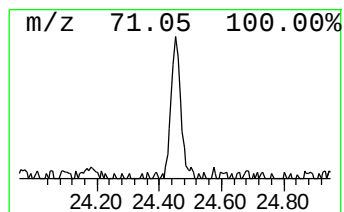
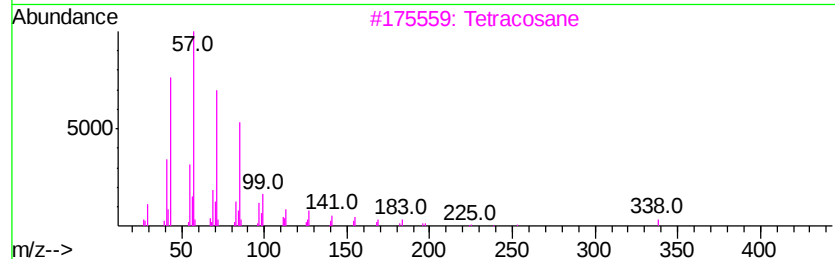
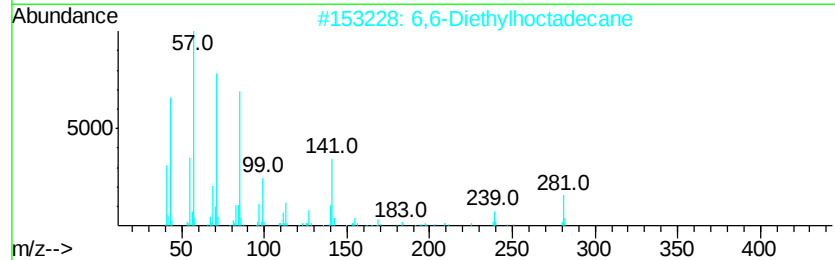
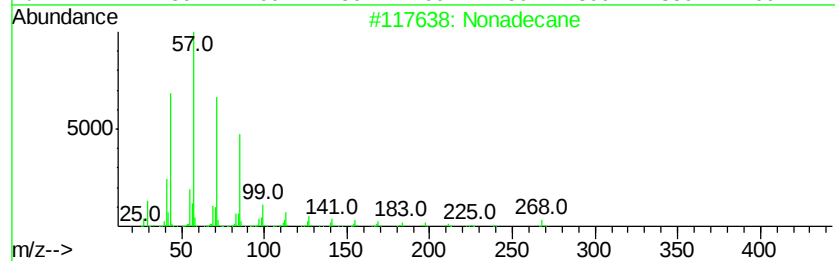
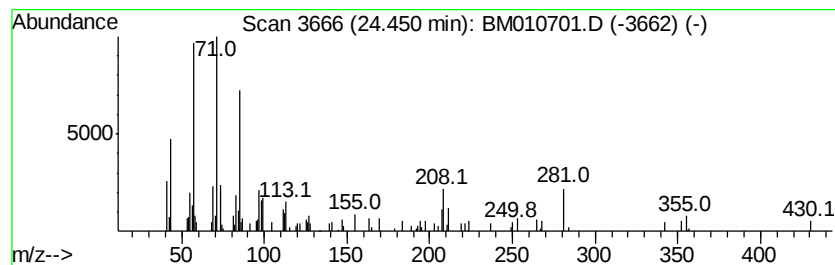
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.45	2.18 ng/ul	134024	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	55
2		6,6-Diethyloctadecane	310	C22H46	1000360-41-8	50
3		Tetracosane	338	C24H50	000646-31-1	49
4		Octadecane	254	C18H38	000593-45-3	46
5		5,5-Diethyltridecane	240	C17H36	1000360-41-3	43



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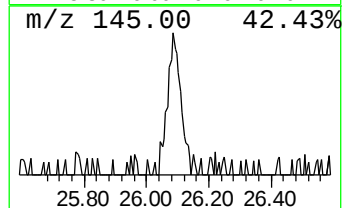
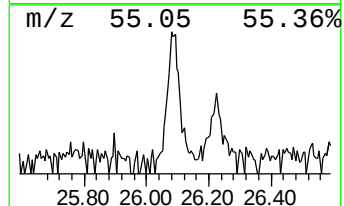
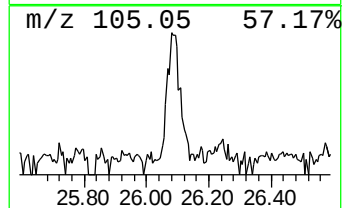
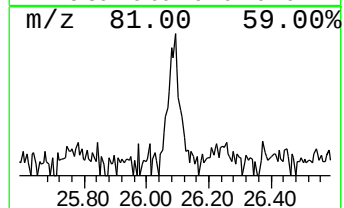
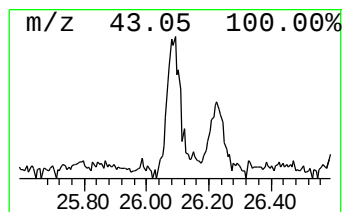
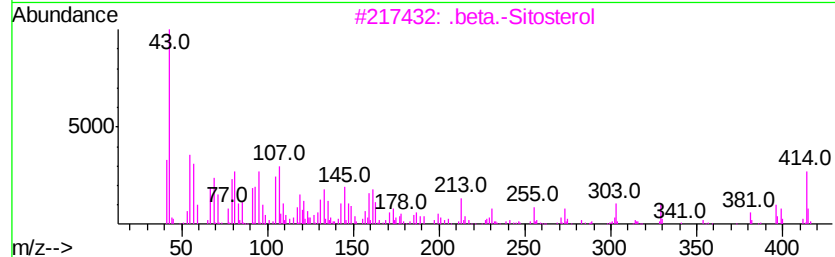
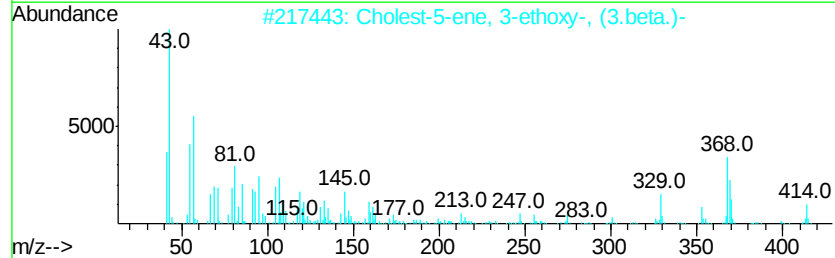
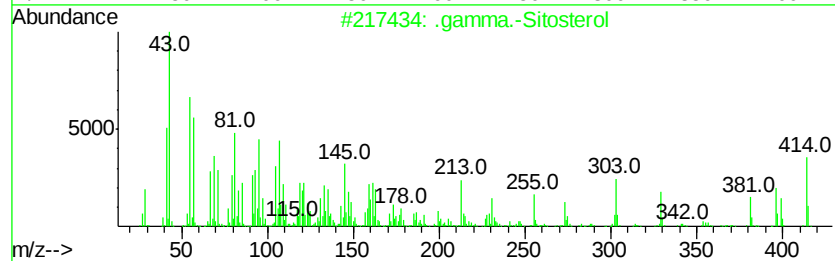
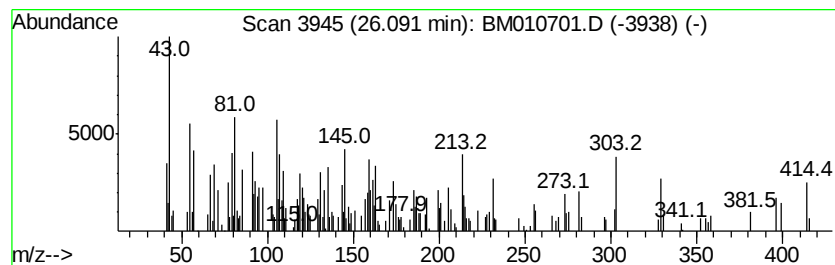
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Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	6.04 ng/ul	371501	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	38
2		Cholest-5-ene, 3-ethoxy-, (3.beta...	414	C29H50O	000986-19-6	25
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	20
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	18
5		Androst-5-ene,1-acetoxy-16,17-di...	386	C25H38O3	294866-91-4	16



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	17.79	2.1	ng/ul	158898	4	16.87	1500560	20.0
(DEL) Alkane: Str...	23.76	2.8	ng/ul	173329	6	23.22	1229420	20.0
(DEL) Alkane: Str...	24.45	2.2	ng/ul	134024	6	23.22	1229420	20.0
unknown-01	26.09	6.0	ng/ul	371501	6	23.22	1229420	20.0