

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010627.D
 Acq On : 21 Jun 2017 17:40
 Operator : SJ/JU
 Sample : I3653-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5E21

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	6.651	633	640	650	rBB	236290	374946	17.91%	1.857%
2	6.816	662	668	677	rBB	172175	258764	12.36%	1.282%
3	7.004	694	700	706	rBV	254808	385549	18.41%	1.910%
4	7.463	773	778	787	rBB	220656	329637	15.74%	1.633%
5	8.169	892	898	905	rBV2	341954	504949	24.11%	2.501%
6	8.610	966	973	980	rBV	243507	393005	18.77%	1.947%
7	9.322	1087	1094	1101	rBV	244884	375350	17.92%	1.859%
8	9.851	1178	1184	1191	rBV	371742	570948	27.27%	2.828%
9	10.228	1239	1248	1254	rBV	315094	498349	23.80%	2.469%
10	10.369	1266	1272	1279	rBB	129563	201382	9.62%	0.998%
11	13.539	1804	1811	1815	rBV	769926	1061906	50.71%	5.261%
12	13.580	1815	1818	1825	rVB	224851	307377	14.68%	1.523%
13	13.804	1849	1856	1862	rBV	750384	1089036	52.01%	5.395%
14	14.116	1903	1909	1916	rVB2	498544	748788	35.76%	3.709%
15	14.321	1938	1944	1955	rBV	372725	532550	25.43%	2.638%
16	14.521	1972	1978	1981	rVB2	14970	22044	1.05%	0.109%
17	15.115	2073	2079	2085	rBV	1038736	1428342	68.21%	7.076%
18	15.239	2094	2100	2105	rBV	368513	484259	23.13%	2.399%
19	15.868	2202	2207	2213	rBV2	21347	31541	1.51%	0.156%
20	16.868	2370	2377	2382	rBV2	738665	1019355	48.68%	5.050%
21	16.909	2382	2384	2388	rVV	24023	26111	1.25%	0.129%
22	16.968	2388	2394	2406	rVB2	1243820	1679216	80.19%	8.319%
23	17.792	2530	2534	2542	rBV	158741	207483	9.91%	1.028%
24	18.939	2726	2729	2733	rBV3	18704	21899	1.05%	0.108%
25	19.092	2749	2755	2762	rBV	84630	105744	5.05%	0.524%
26	19.280	2781	2787	2794	rBV	1584541	2073650	99.03%	10.273%
27	19.698	2855	2858	2861	rBV2	22249	23391	1.12%	0.116%
28	20.821	3045	3049	3055	rBV	205522	232602	11.11%	1.152%
29	21.086	3088	3094	3098	rBV	1113468	1346992	64.33%	6.673%
30	21.703	3196	3199	3203	rVB6	26761	38240	1.83%	0.189%
31	22.615	3351	3354	3359	rVB5	43728	56220	2.68%	0.279%
32	23.097	3428	3436	3442	rBV	1222095	2094023	100.00%	10.374%
33	23.156	3442	3446	3451	rVV2	64137	92588	4.42%	0.459%
34	23.227	3451	3458	3466	rVB	693940	1217405	58.14%	6.031%

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35	23.762	3545	3549	3555	rvB3	65307	114183	5.45%	0.566%
36	23.838	3558	3562	3567	rvB6	52961	93120	4.45%	0.461%
37	24.462	3664	3668	3678	rvB3	70044	145225	6.94%	0.719%

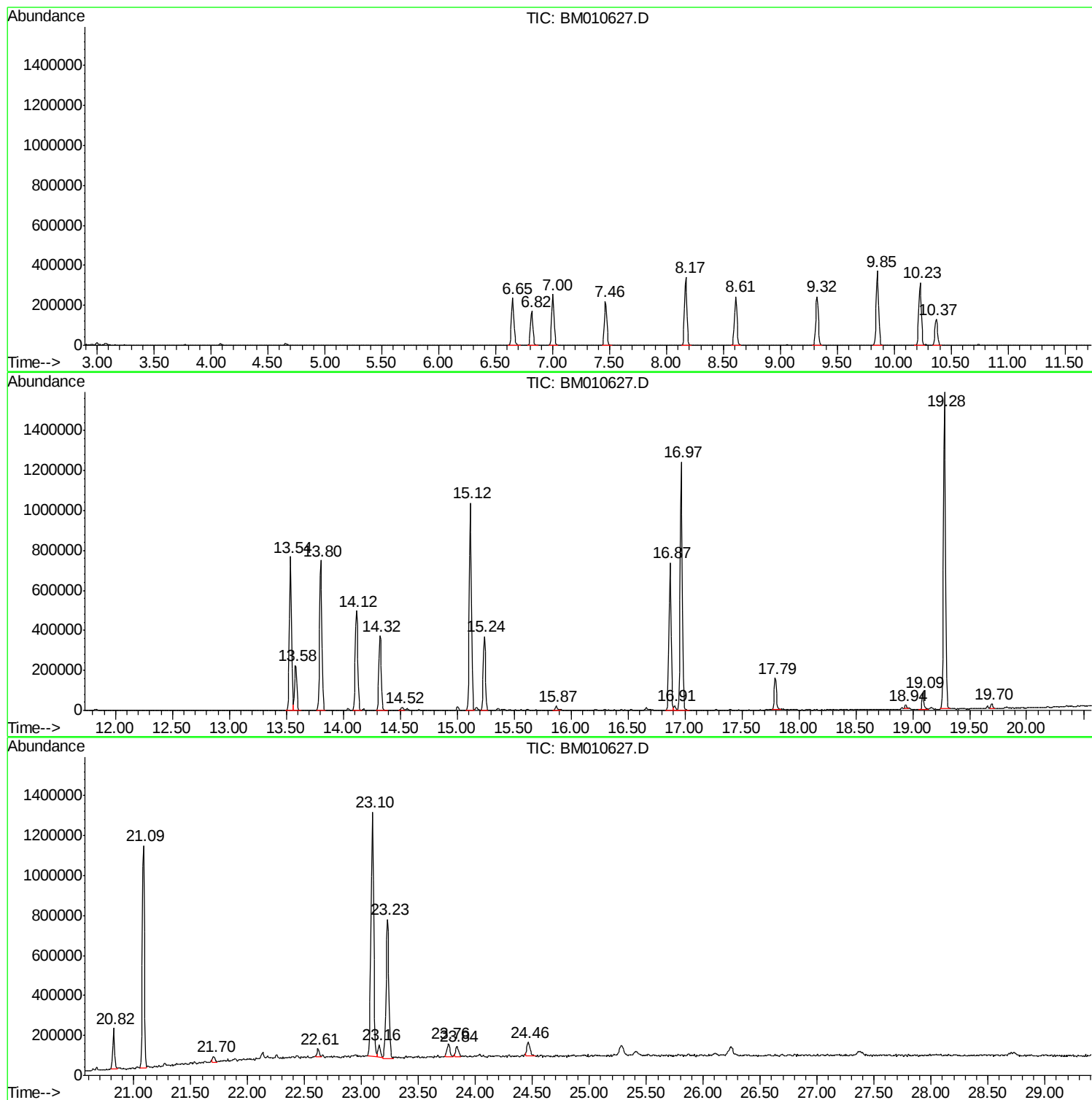
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TIC Library : C:\DATABASE\NIST11.L
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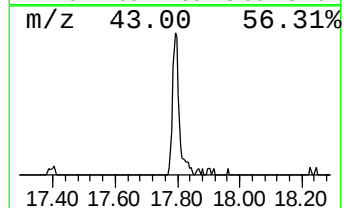
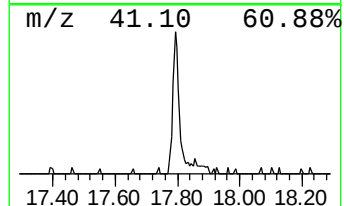
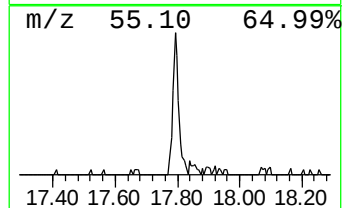
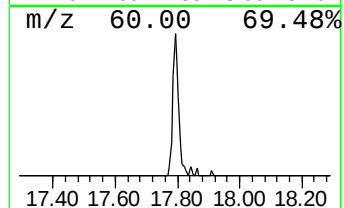
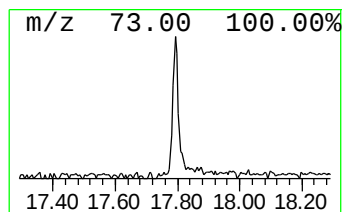
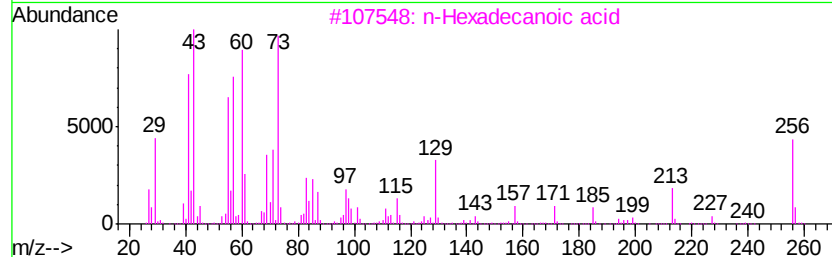
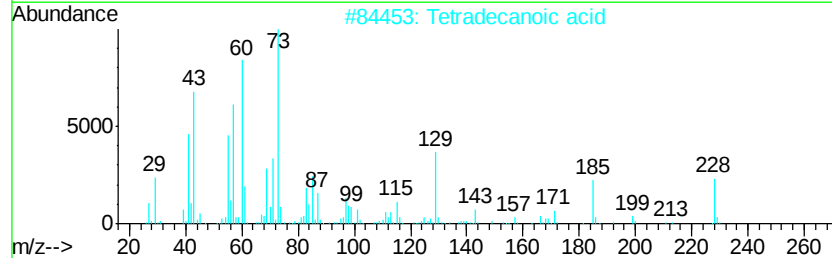
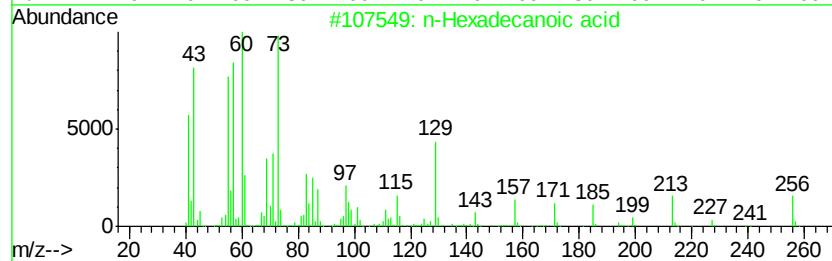
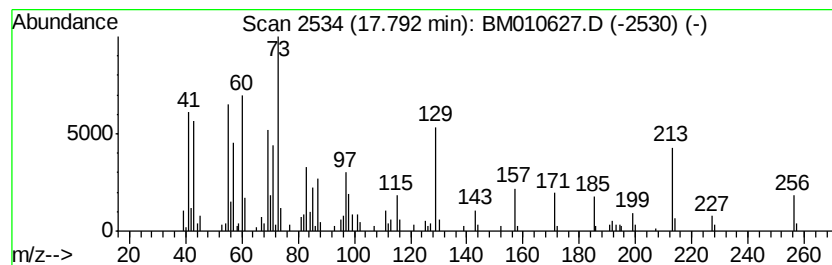
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.07 ng/ul	207483	Phenanthrene-d10	16.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4			Dodecanoic acid	200	C12H24O2	000143-07-7	60
5			n-Decanoic acid	172	C10H20O2	000334-48-5	55



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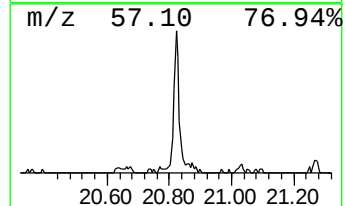
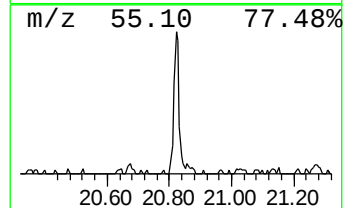
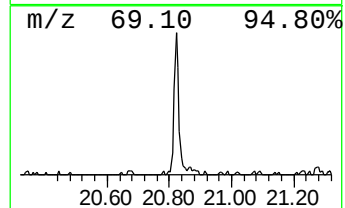
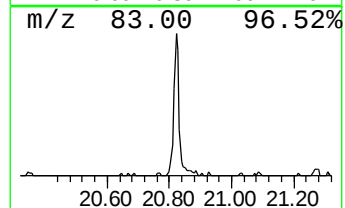
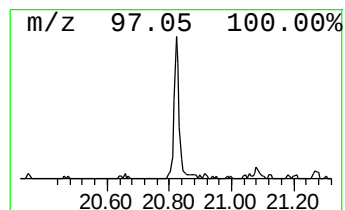
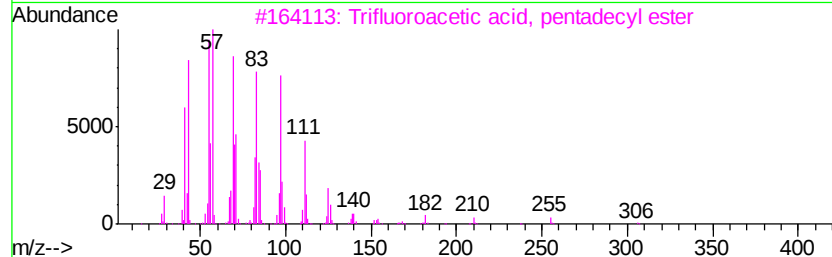
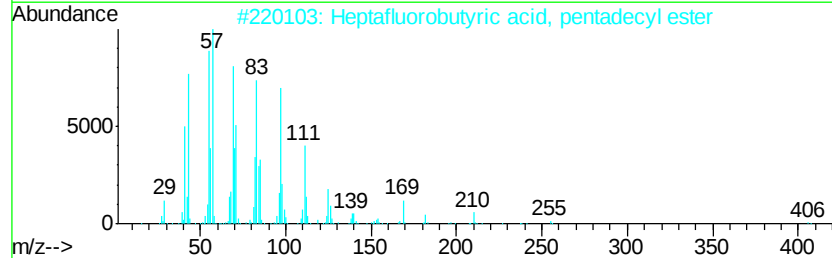
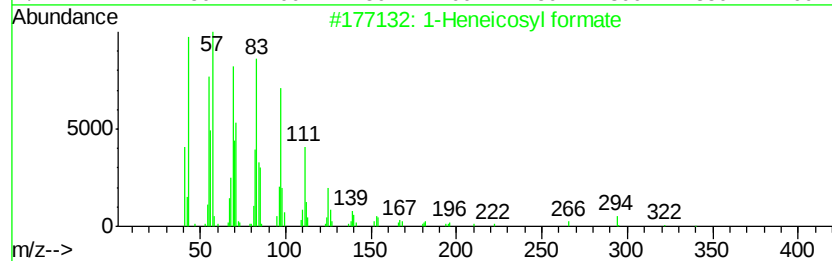
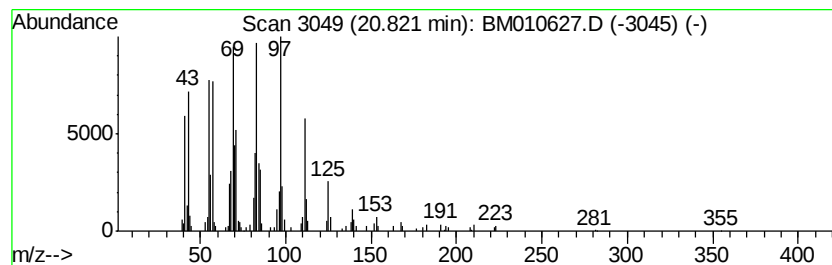
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Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.45 ng/ul	232602	Chrysene-d12	21.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4			Trifluoroacetoxyl hexadecane	338	C18H33F3O2	006222-03-3	91
5			1-Hexadecanol	242	C16H34O	036653-82-4	91



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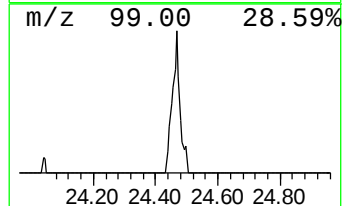
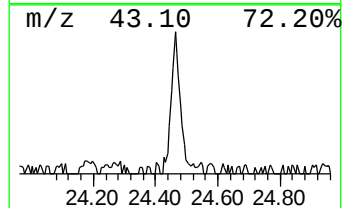
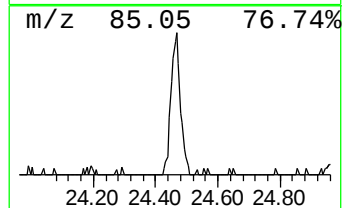
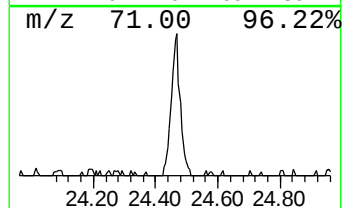
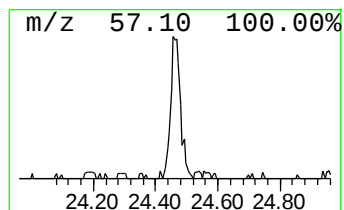
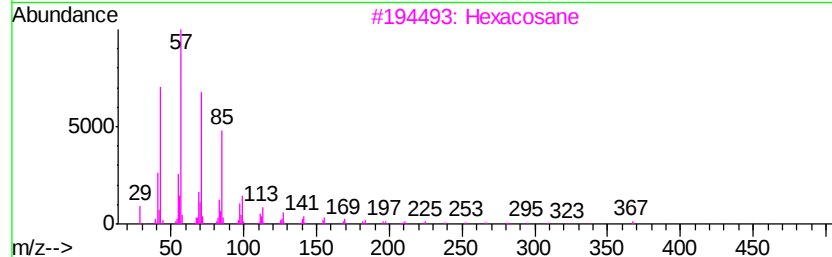
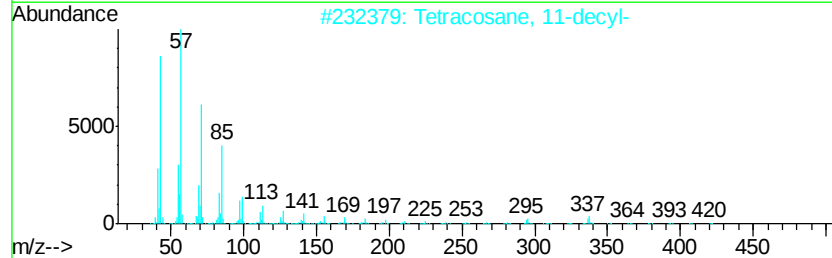
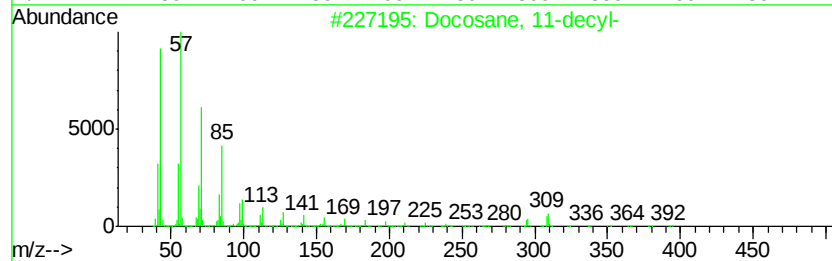
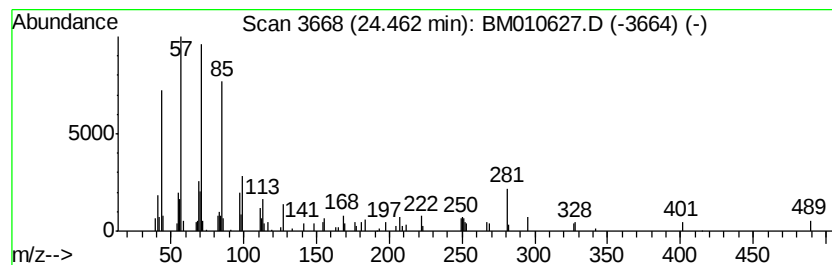
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.39 ng/ul	145225	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-decyl-	451	C32H66	055401-55-3	72
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72
3		Hexacosane	366	C26H54	000630-01-3	72
4		Tetracosane	338	C24H50	000646-31-1	72
5		2-methyloctacosane	408	C29H60	1000376-72-8	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	4.1	ng/ul	207483	4	16.87	1019360	20.0
1-Heneicosyl formate	20.82	3.5	ng/ul	232602	5	21.09	1346990	20.0
(DEL) Alkane: Str...	24.46	2.4	ng/ul	145225	6	23.23	1217410	20.0