

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
 Data File : BM014041.D
 Acq On : 31 Jan 2018 19:18
 Operator : SJ/JU
 Sample : J1317-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D00

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-BM013118.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	3.122	20	23	29	rVB3	29688	38667	1.07%	0.117%
2	6.751	633	640	655	rBV	423308	797408	22.02%	2.409%
3	6.910	661	667	677	rBV	345985	541135	14.94%	1.635%
4	7.098	693	699	712	rBV	510691	843482	23.29%	2.548%
5	7.563	770	778	789	rBV	309192	545538	15.06%	1.648%
6	8.275	889	899	914	rBV	543191	1015961	28.05%	3.069%
7	8.722	964	975	987	rBV	495063	900678	24.87%	2.721%
8	9.433	1087	1096	1106	rBV2	412647	779992	21.54%	2.356%
9	9.969	1180	1187	1198	rBV	537035	1059491	29.25%	3.200%
10	10.333	1241	1249	1260	rBV	424877	718660	19.84%	2.171%
11	10.492	1269	1276	1294	rBV	353196	810676	22.38%	2.449%
12	13.639	1804	1811	1815	rBV	1014395	1462743	40.39%	4.418%
13	13.686	1815	1819	1826	rVB	189074	316516	8.74%	0.956%
14	13.904	1847	1856	1869	rBV	1334444	2011353	55.53%	6.076%
15	14.121	1887	1893	1899	rBV3	42519	64448	1.78%	0.195%
16	14.216	1902	1909	1920	rVB2	643233	991008	27.36%	2.994%
17	14.457	1945	1950	1967	rBV	242332	635305	17.54%	1.919%
18	15.080	2052	2056	2061	rBV	63086	72251	1.99%	0.218%
19	15.215	2073	2079	2095	rBV	1638903	2474332	68.32%	7.474%
20	15.362	2099	2104	2117	rBV	340732	623730	17.22%	1.884%
21	15.462	2117	2121	2130	rVB8	23844	54211	1.50%	0.164%
22	15.945	2199	2203	2210	rBV3	47956	71681	1.98%	0.217%
23	16.974	2372	2378	2386	rBV2	867877	1242361	34.30%	3.753%
24	17.074	2386	2395	2405	rBV2	1812422	2777330	76.68%	8.389%
25	17.880	2527	2532	2546	rBV	344310	591128	16.32%	1.786%
26	19.021	2721	2726	2729	rBV5	58840	86567	2.39%	0.261%
27	19.174	2747	2752	2763	rBV3	236525	398367	11.00%	1.203%
28	19.380	2780	2787	2794	rBV	2421585	3343323	92.31%	10.099%
29	19.439	2794	2797	2801	rVB4	37488	48744	1.35%	0.147%
30	20.321	2942	2947	2952	rBV9	19908	40861	1.13%	0.123%
31	20.897	3041	3045	3059	rBV2	344370	589250	16.27%	1.780%
32	21.180	3088	3093	3102	rBV	1156933	1654362	45.68%	4.997%
33	22.333	3285	3289	3293	rVB	288192	340924	9.41%	1.030%
34	23.227	3434	3441	3451	rVB2	2013594	3621823	100.00%	10.940%

LSC Area Percent Report

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35	23.362	3458	3464	3474	rVB	808617	1540835	42.54%	4.654%
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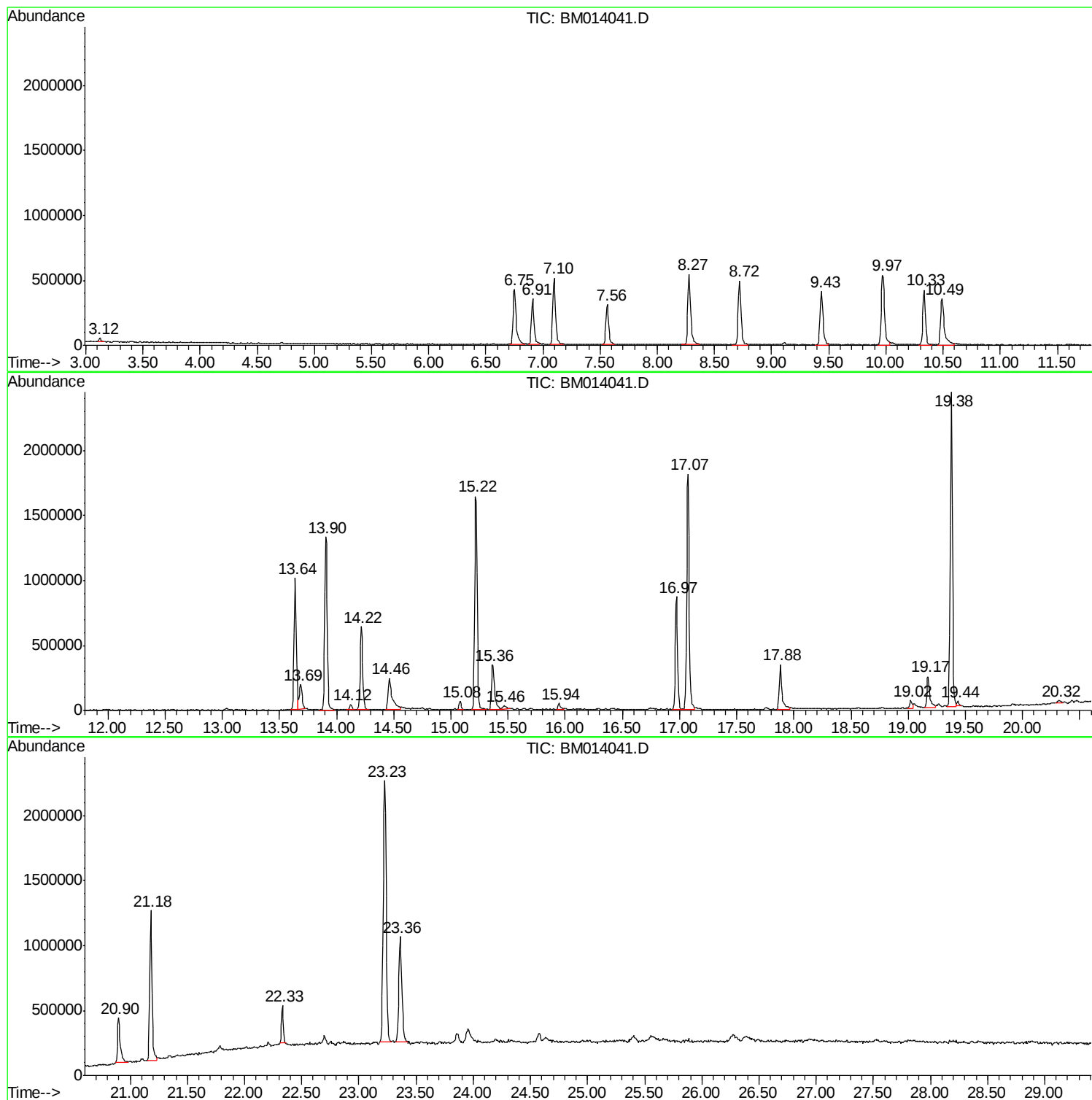
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TIC Library : C:\DATABASE\NIST11.L
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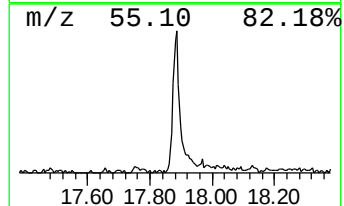
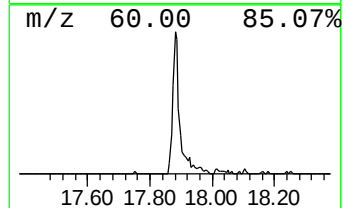
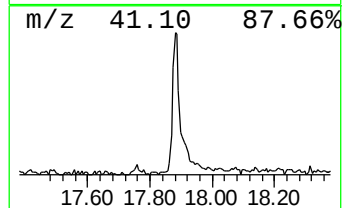
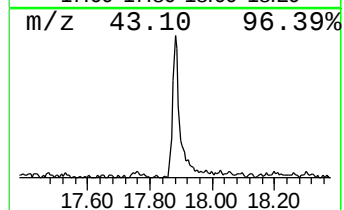
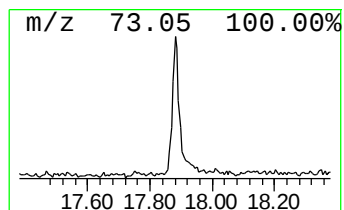
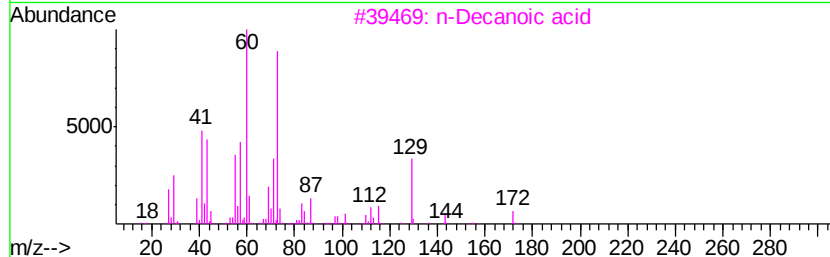
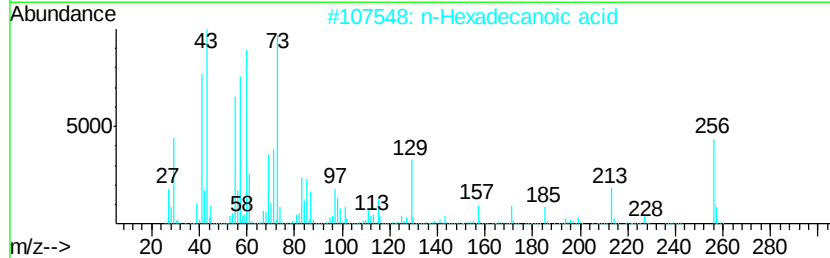
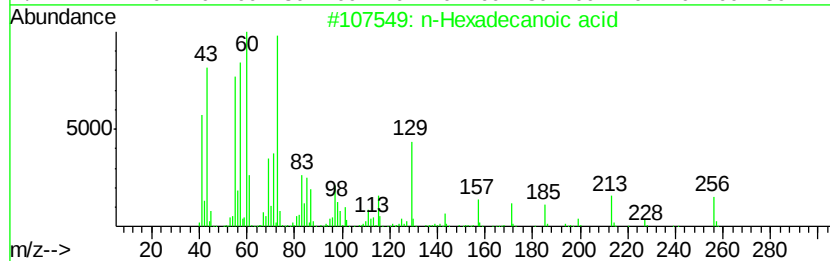
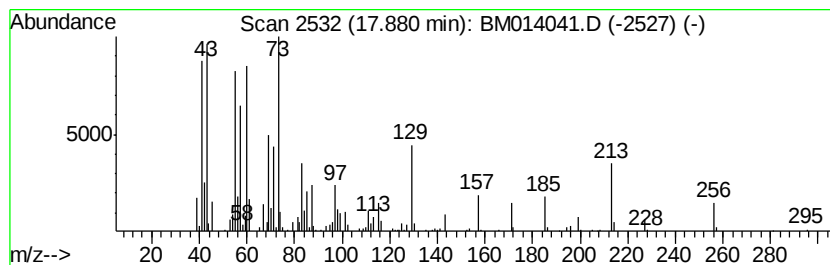
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.88	9.52 ng/ul	591128	Phenanthrene-d10		16.97		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3			n-Decanoic acid	172	C10H20O2	000334-48-5	86
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	70



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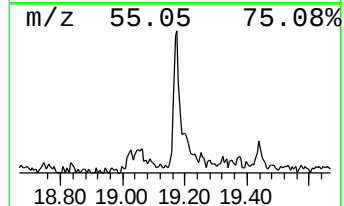
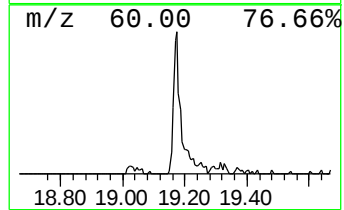
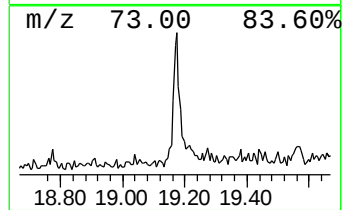
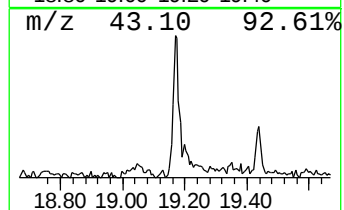
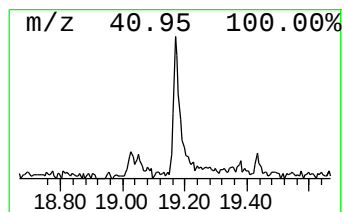
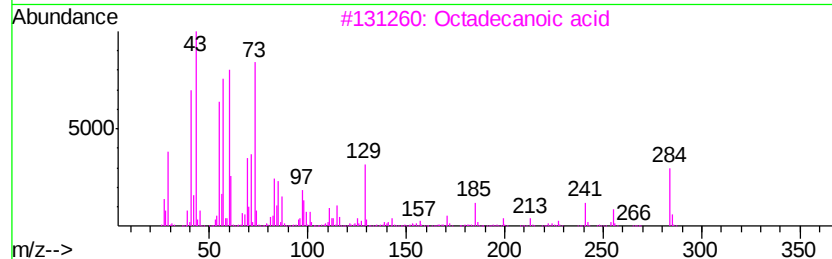
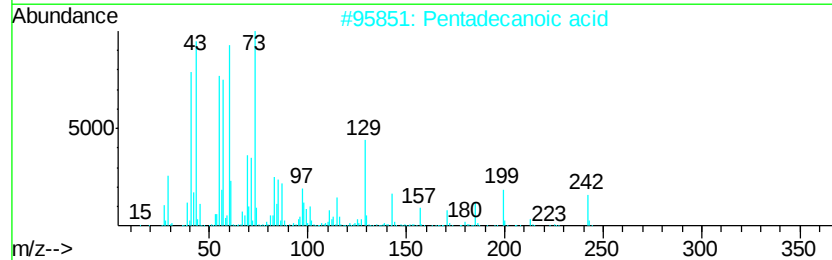
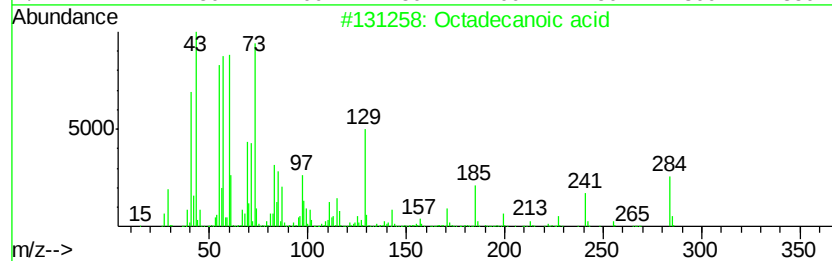
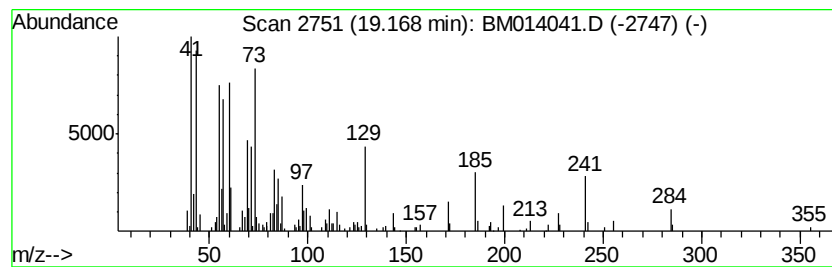
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.82 ng/ul	398367	Chrysene-d12	21.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	86



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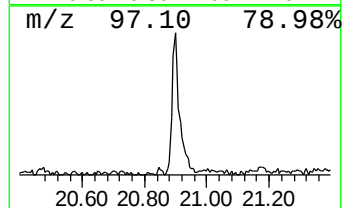
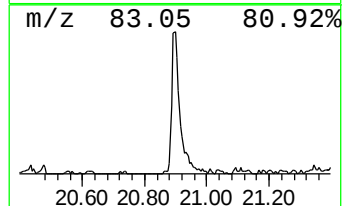
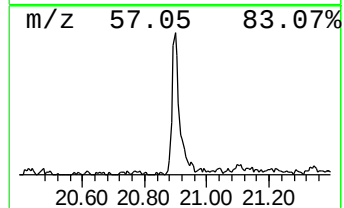
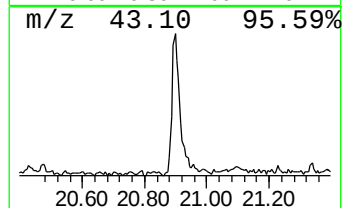
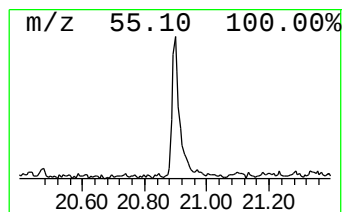
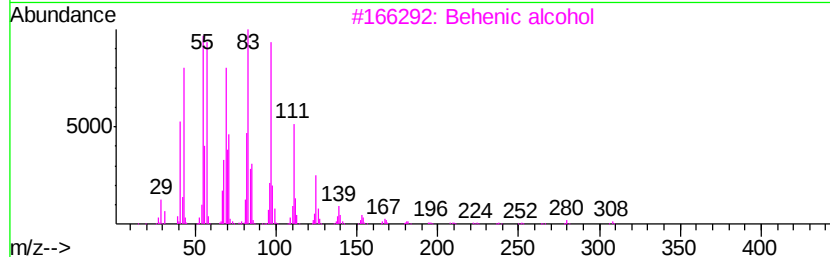
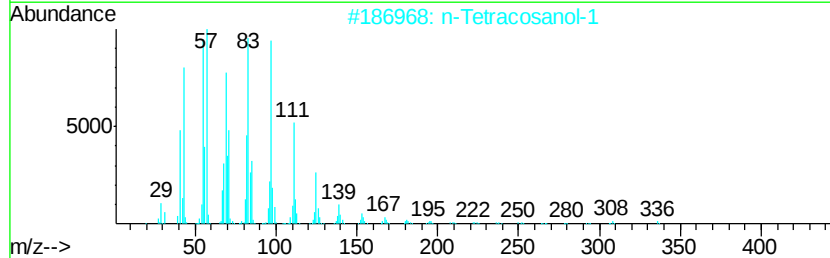
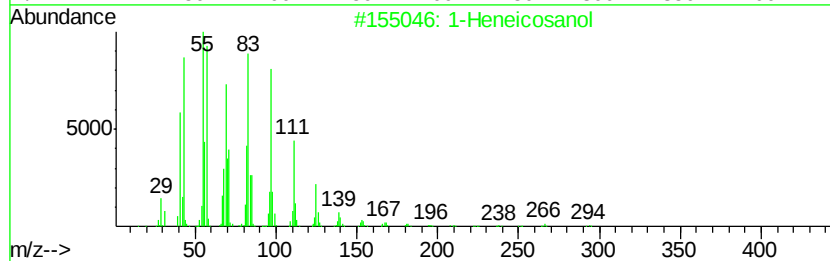
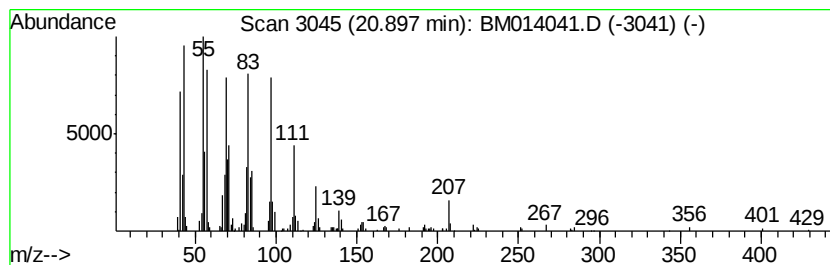
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.12 ng/ul	589250	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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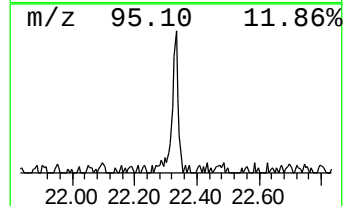
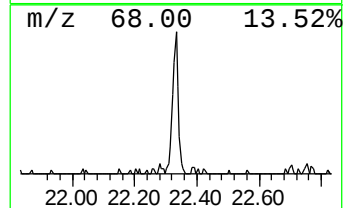
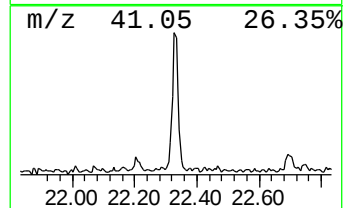
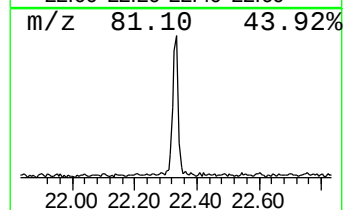
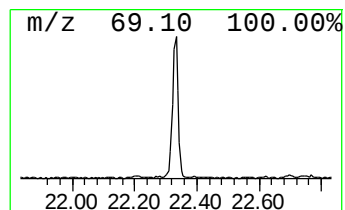
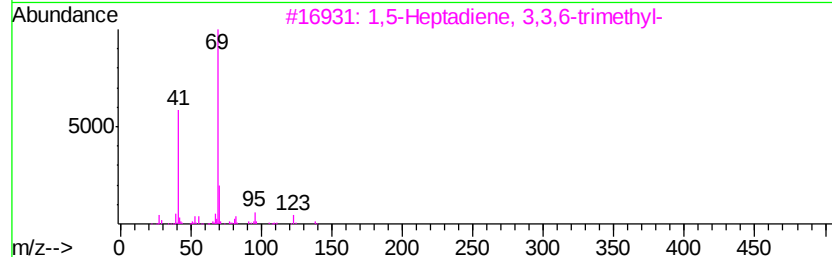
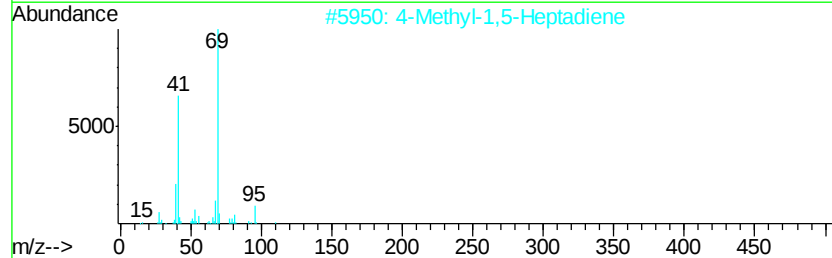
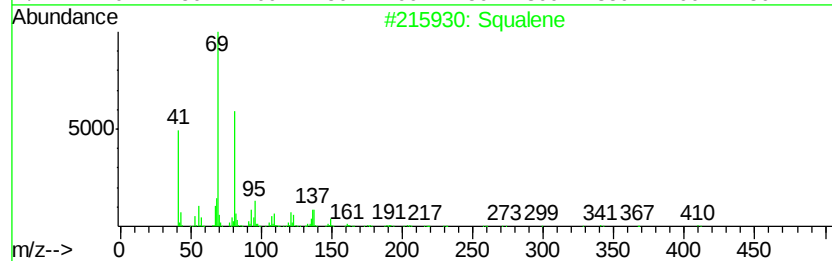
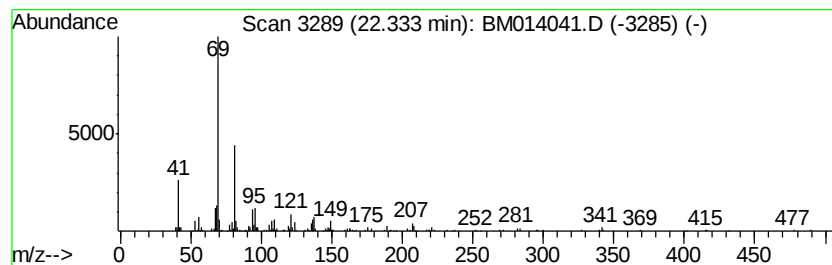
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Peak Number 4 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	4.43 ng/ul	340924	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	81
2		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	72
3		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	72
4		Supraene	410	C30H50	007683-64-9	72
5		Squalene	410	C30H50	000111-02-4	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	9.5	ng/ul	591128	4	16.97	1242360	20.0
Octadecanoic acid	19.17	4.8	ng/ul	398367	5	21.18	1654360	20.0
1-Heneicosanol	20.90	7.1	ng/ul	589250	5	21.18	1654360	20.0
Squalene	22.33	4.4	ng/ul	340924	6	23.36	1540840	20.0