

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013283.D
 Acq On : 08 Dec 2017 23:58
 Operator : SJ/JU
 Sample : I6759-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A01

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-BM113017.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	6.869	636	643	656	rVB2	1065828	1969824	24.63%	2.428%
2	7.034	664	671	678	rBV	856960	1258047	15.73%	1.551%
3	7.228	696	704	713	rBV	1122515	1762177	22.04%	2.172%
4	7.693	774	783	790	rBV	875973	1372534	17.16%	1.692%
5	8.398	895	903	913	rBV	1443027	2260751	28.27%	2.786%
6	8.846	971	979	988	rBV	1140714	1851670	23.16%	2.282%
7	9.563	1093	1101	1117	rVB	991392	1663002	20.80%	2.050%
8	10.098	1184	1192	1201	rBV	1516742	2455145	30.70%	3.026%
9	10.469	1249	1255	1264	rBV	1196349	2029378	25.38%	2.501%
10	10.616	1272	1280	1291	rBV	1326515	2289528	28.63%	2.822%
11	13.751	1806	1813	1817	rBV	2932103	3983435	49.82%	4.909%
12	13.792	1817	1820	1830	rVB	549077	775308	9.70%	0.956%
13	14.028	1849	1860	1867	rBV	3130755	4583776	57.32%	5.649%
14	14.239	1891	1896	1901	rVB2	70992	98301	1.23%	0.121%
15	14.333	1902	1912	1919	rBV2	1895982	2912214	36.42%	3.589%
16	14.545	1941	1948	1961	rBV	1416290	2176055	27.21%	2.682%
17	15.198	2053	2059	2064	rVB	84831	114525	1.43%	0.141%
18	15.333	2073	2082	2088	rBV	3764546	5496963	68.74%	6.775%
19	15.457	2097	2103	2112	rBV	1304460	1895479	23.70%	2.336%
20	15.569	2118	2122	2128	rBV4	50717	95801	1.20%	0.118%
21	16.057	2201	2205	2215	rBV	102970	175845	2.20%	0.217%
22	16.733	2314	2320	2327	rBV	517656	769354	9.62%	0.948%
23	16.851	2336	2340	2345	rBV3	70236	89267	1.12%	0.110%
24	17.080	2373	2379	2385	rBV2	2595029	3723240	46.56%	4.589%
25	17.180	2390	2396	2408	rVB	4475896	6221280	77.80%	7.668%
26	17.986	2528	2533	2542	rBV	841312	1183972	14.81%	1.459%
27	19.015	2704	2708	2714	rBV2	53243	86186	1.08%	0.106%
28	19.139	2721	2729	2737	rVB	446841	690898	8.64%	0.852%
29	19.268	2747	2751	2758	rBV	385603	520717	6.51%	0.642%
30	19.362	2763	2767	2774	rVB2	65122	117486	1.47%	0.145%
31	19.480	2781	2787	2800	rBV	5585725	7996318	100.00%	9.855%
32	20.986	3039	3043	3051	rBV	1091767	1336188	16.71%	1.647%
33	21.192	3074	3078	3082	rBV	383958	430494	5.38%	0.531%
34	21.268	3085	3091	3096	rBV	3654143	4670422	58.41%	5.756%

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35	22.827	3352	3356	3361	rBV4	144946	231649	2.90%	0.285%
36	23.356	3439	3446	3459	rVB2	3745899	7204237	90.09%	8.879%
37	23.497	3463	3470	3481	rVB	2199927	4011903	50.17%	4.945%
38	24.033	3557	3561	3567	rVB4	114281	218937	2.74%	0.270%
39	24.121	3571	3576	3584	rVB4	202765	415832	5.20%	0.512%

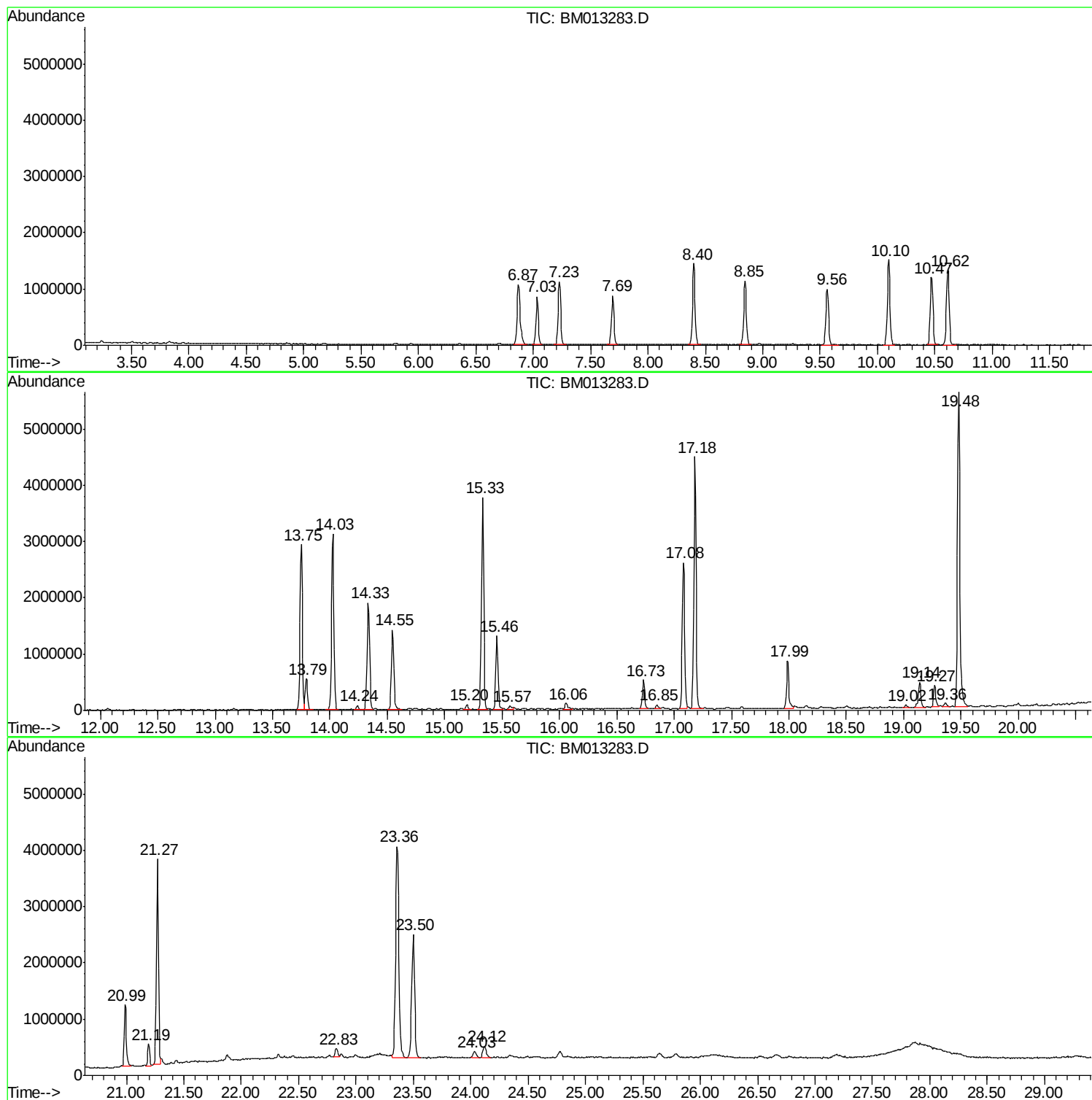
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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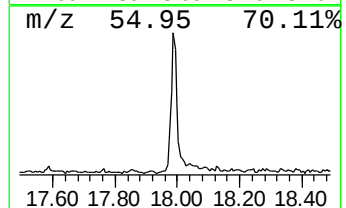
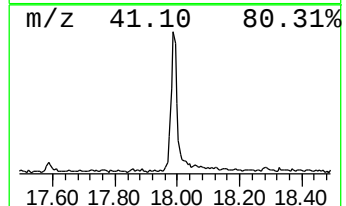
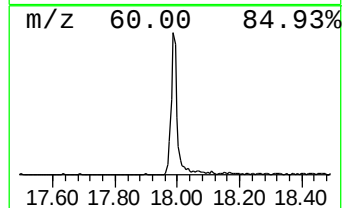
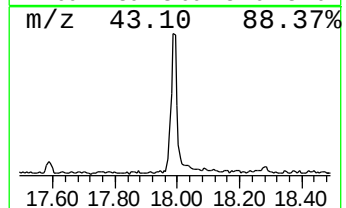
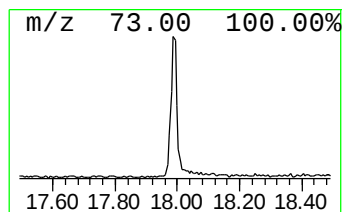
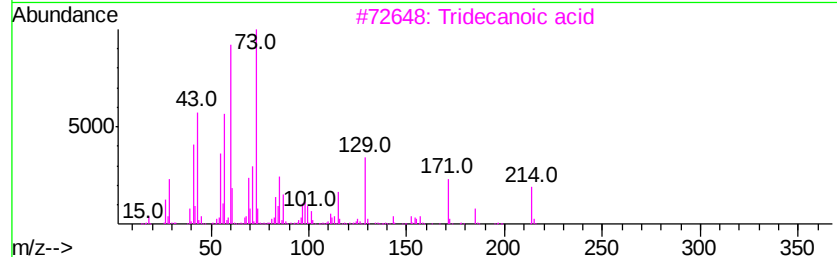
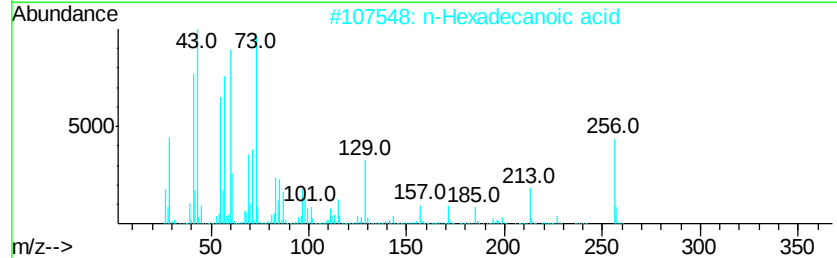
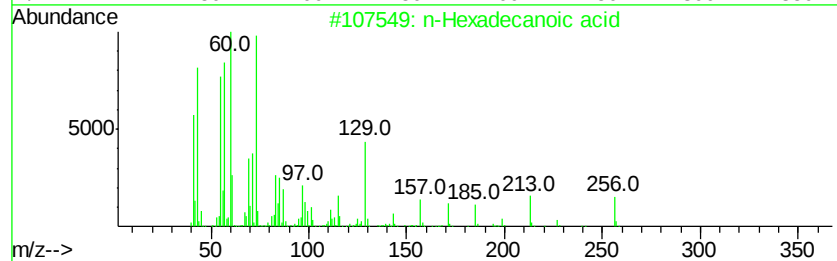
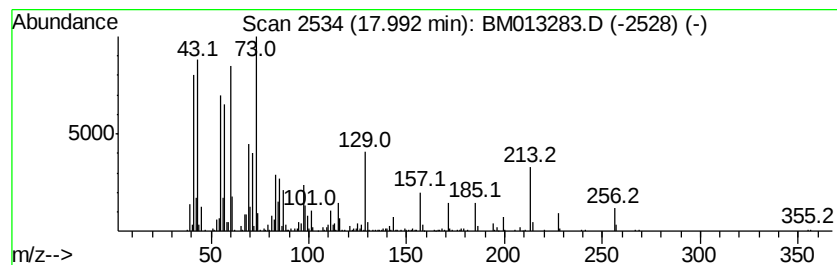
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.99	6.36 ng/ul	1183970	Phenanthrene-d10		17.08	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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Instrument :
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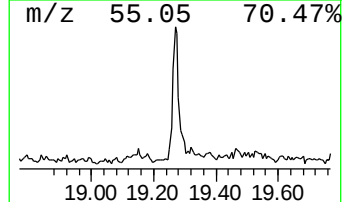
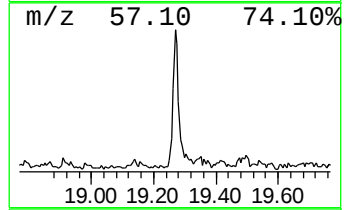
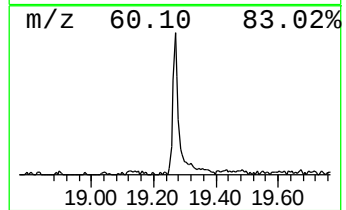
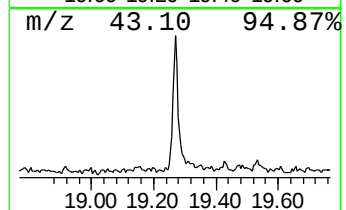
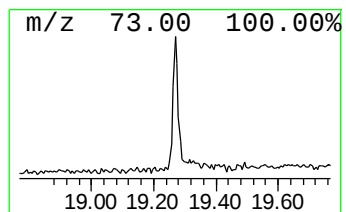
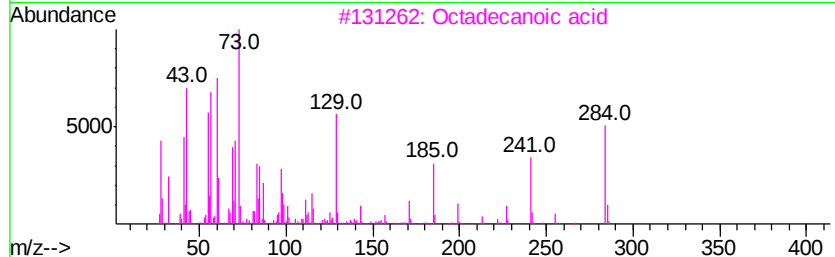
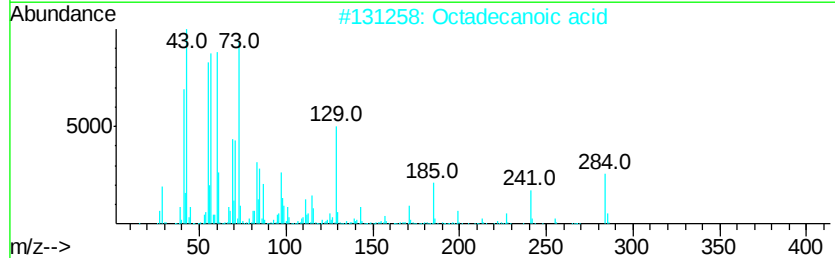
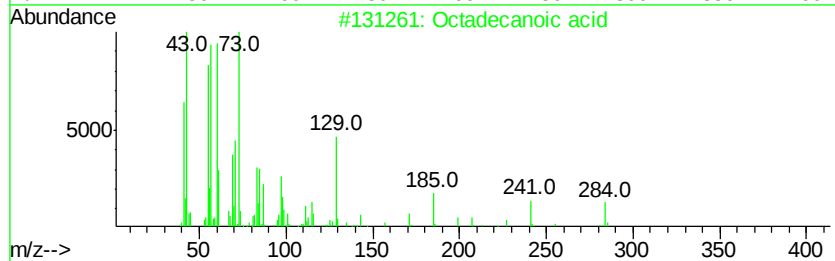
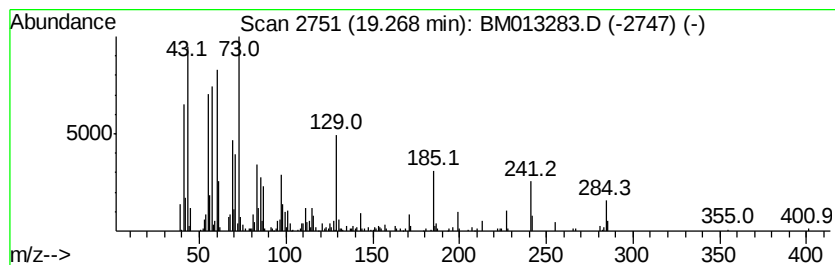
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.23 ng/ul	520717	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



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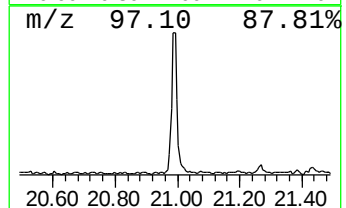
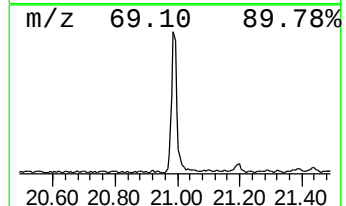
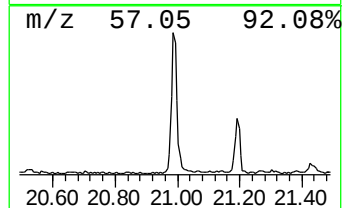
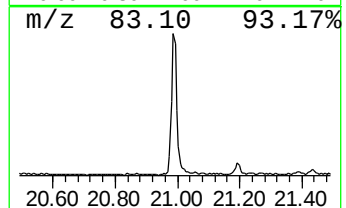
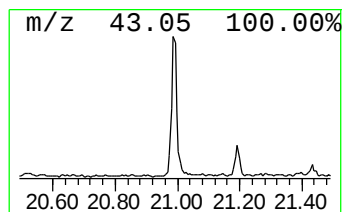
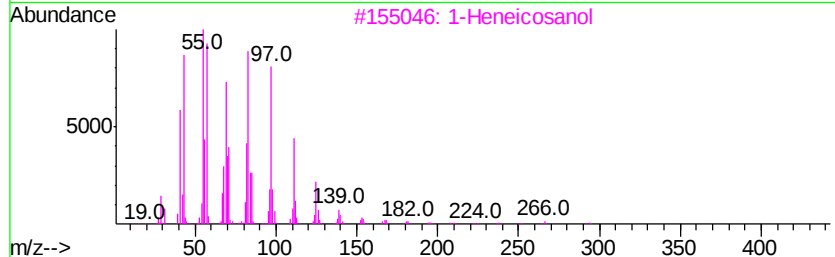
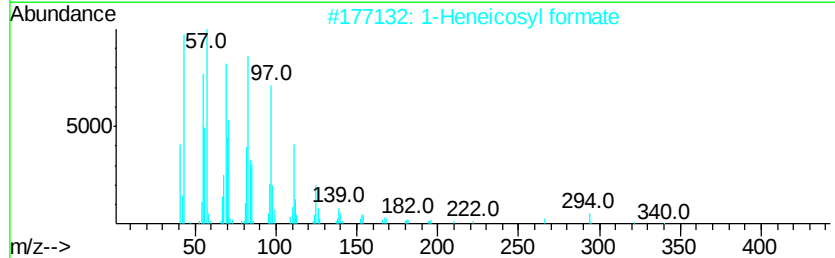
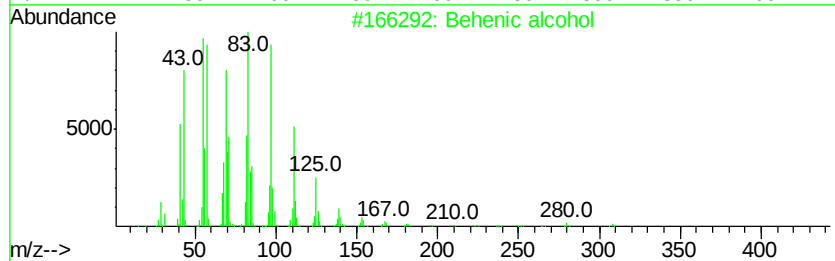
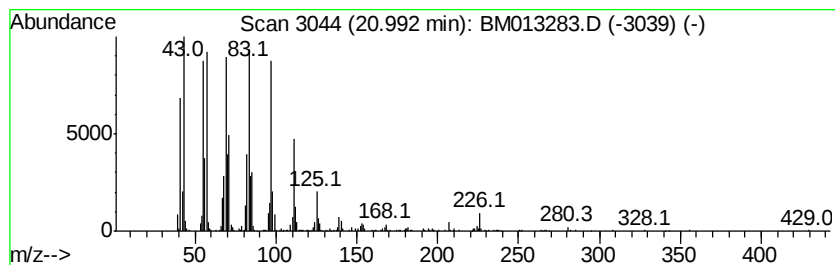
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Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.72 ng/ul	1336190	Chrysene-d12	21.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 95
2		1-Heneicosyl formate	340 C22H44O2	077899-03-7 94
3		1-Heneicosanol	312 C21H44O	015594-90-8 94
4		n-Nonadecanol-1	284 C19H40O	001454-84-8 94
5		n-Tetracosanol-1	354 C24H50O	000506-51-4 93



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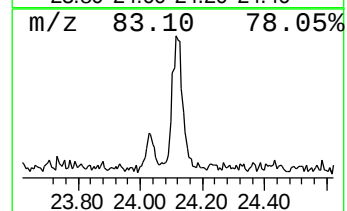
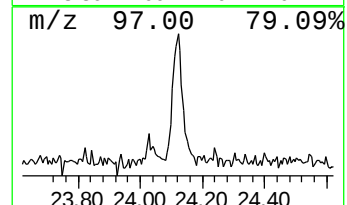
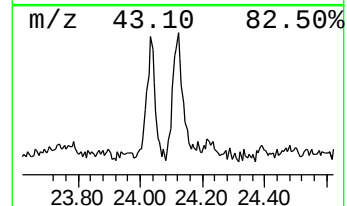
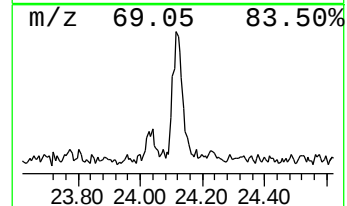
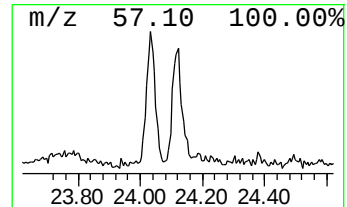
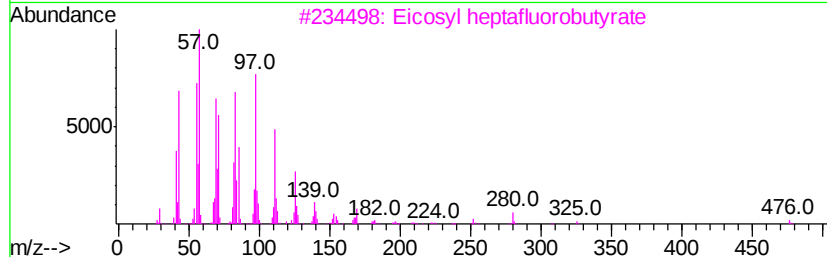
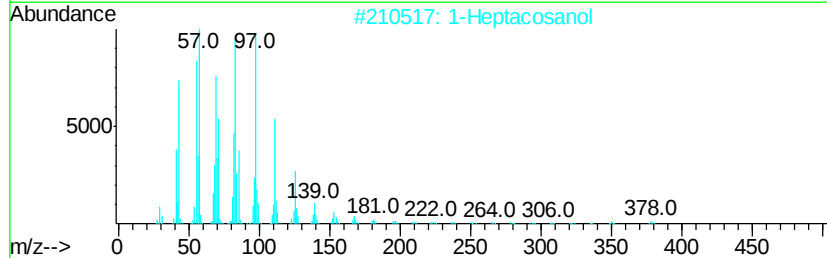
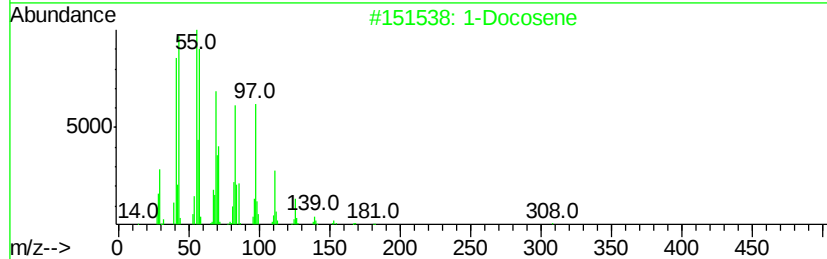
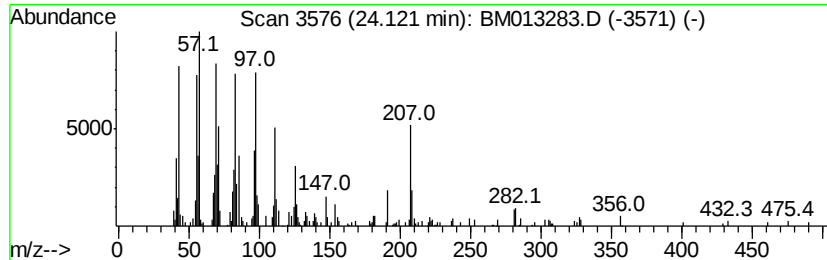
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Peak Number 4 (DEL) Alkane: Cyclic24.12 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	2.07 ng/ul	415832	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	86
2			1-Heptacosanol	396	C27H56O	002004-39-9	81
3			Eicosyl heptafluorobutvrate	494	C24H41F7O2	1000351-83-5	78
4			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	78
5			Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	6.4	ng/ul	1183970	4	17.08	3723240	20.0
Octadecanoic acid	19.27	2.2	ng/ul	520717	5	21.27	4670420	20.0
Behenic alcohol	20.99	5.7	ng/ul	1336190	5	21.27	4670420	20.0
(DEL) Alkane: Cyc...	24.12	2.1	ng/ul	415832	6	23.50	4011900	20.0