

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027383.D
 Acq On : 10 Sep 2020 20:51
 Operator : JU/CG
 Sample : L3855-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW279

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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	3.134	21	25	31	rBV2	27880	41516	1.00%	0.089%
2	4.728	294	296	301	rBV4	4506	6149	0.15%	0.013%
3	6.751	633	640	650	rBV	575812	906940	21.93%	1.935%
4	6.910	660	667	676	rBV	461602	709165	17.15%	1.513%
5	7.104	693	700	714	rBV	624748	961691	23.26%	2.052%
6	7.210	714	718	723	rBV4	9705	15219	0.37%	0.032%
7	7.569	771	779	789	rBV	644565	1022821	24.74%	2.183%
8	8.275	891	899	912	rBV	741161	1159079	28.03%	2.474%
9	8.710	966	973	983	rBV	597415	957781	23.16%	2.044%
10	9.428	1088	1095	1109	rBV	510454	843388	20.40%	1.800%
11	9.963	1178	1186	1197	rBV	801762	1319001	31.90%	2.815%
12	10.333	1241	1249	1258	rVB	911385	1465127	35.43%	3.127%
13	10.469	1265	1272	1283	rBV	674544	1183012	28.61%	2.525%
14	11.869	1504	1510	1515	rBV5	3089	6937	0.17%	0.015%
15	11.939	1517	1522	1530	rVB3	10312	17589	0.43%	0.038%
16	12.557	1625	1627	1634	rBV7	2728	5103	0.12%	0.011%
17	12.822	1668	1672	1680	rVB5	3696	8346	0.20%	0.018%
18	13.057	1706	1712	1716	rBV3	2971	4973	0.12%	0.011%
19	13.122	1718	1723	1730	rBV3	9202	14886	0.36%	0.032%
20	13.627	1802	1809	1813	rBV	1517153	2097418	50.73%	4.476%
21	13.669	1813	1816	1823	rVB	360747	489681	11.84%	1.045%
22	13.898	1848	1855	1865	rBV	1693241	2432967	58.84%	5.192%
23	14.145	1893	1897	1901	rBV5	3896	4225	0.10%	0.009%
24	14.210	1901	1908	1918	rBV2	1498069	2239138	54.15%	4.778%
25	14.416	1937	1943	1962	rBV	529630	871853	21.09%	1.861%
26	14.657	1979	1984	1987	rVB5	4211	5686	0.14%	0.012%
27	15.045	2044	2050	2054	rBV4	6834	11226	0.27%	0.024%
28	15.092	2054	2058	2065	rVB6	3686	6482	0.16%	0.014%
29	15.204	2070	2077	2087	rBV	2197006	3053821	73.86%	6.517%
30	15.327	2092	2098	2114	rVV	595036	830924	20.10%	1.773%
31	15.445	2114	2118	2123	rVB	28217	37456	0.91%	0.080%
32	15.992	2206	2211	2215	rVB4	9844	14515	0.35%	0.031%
33	16.745	2334	2339	2343	rBV4	10319	14921	0.36%	0.032%
34	16.951	2368	2374	2381	rBV	2025810	2806072	67.87%	5.988%

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35	17.051	2385	2391	2405	rVV	2441416	3343020	80.85%	7.134%
36	17.157	2407	2409	2412	rVV4	4769	5929	0.14%	0.013%
37	17.210	2415	2418	2422	rBV6	3226	5410	0.13%	0.012%
38	17.486	2462	2465	2468	rVB4	4885	6091	0.15%	0.013%
39	17.615	2483	2487	2489	rBV4	4200	4849	0.12%	0.010%
40	17.880	2526	2532	2549	rBV	418994	676845	16.37%	1.444%
41	18.174	2580	2582	2587	rBV5	5664	7000	0.17%	0.015%
42	18.556	2640	2647	2649	rBV6	7936	14007	0.34%	0.030%
43	18.686	2666	2669	2674	rBV6	6017	8579	0.21%	0.018%
44	18.751	2676	2680	2683	rBV5	8083	15702	0.38%	0.034%
45	18.815	2689	2691	2694	rVB4	5017	5376	0.13%	0.011%
46	18.986	2716	2720	2723	rBV	27285	37412	0.90%	0.080%
47	19.015	2723	2725	2727	rVV3	6663	8187	0.20%	0.017%
48	19.168	2746	2751	2757	rBV	162887	252383	6.10%	0.539%
49	19.239	2760	2763	2768	rVB2	33868	52129	1.26%	0.111%
50	19.351	2776	2782	2789	rBV	3158425	4134772	100.00%	8.824%
51	19.433	2794	2796	2802	rVB7	12437	14110	0.34%	0.030%
52	19.898	2873	2875	2879	rBV4	21010	22324	0.54%	0.048%
53	20.892	3039	3044	3051	rBV	896291	1172878	28.37%	2.503%
54	21.150	3083	3088	3098	rBV	2748651	3420675	82.73%	7.300%
55	21.333	3117	3119	3126	rVB4	58169	65005	1.57%	0.139%
56	21.768	3189	3193	3198	rBV5	95677	157108	3.80%	0.335%
57	22.697	3348	3351	3355	rVB	140273	167953	4.06%	0.358%
58	23.180	3427	3433	3440	rBV	2199271	3724692	90.08%	7.949%
59	23.244	3441	3444	3449	rVV	170010	265105	6.41%	0.566%
60	23.315	3450	3456	3465	rVB	1668356	3027704	73.23%	6.461%
61	23.868	3546	3550	3555	rVB2	169810	283404	6.85%	0.605%
62	23.938	3559	3562	3573	rVB4	189964	395146	9.56%	0.843%

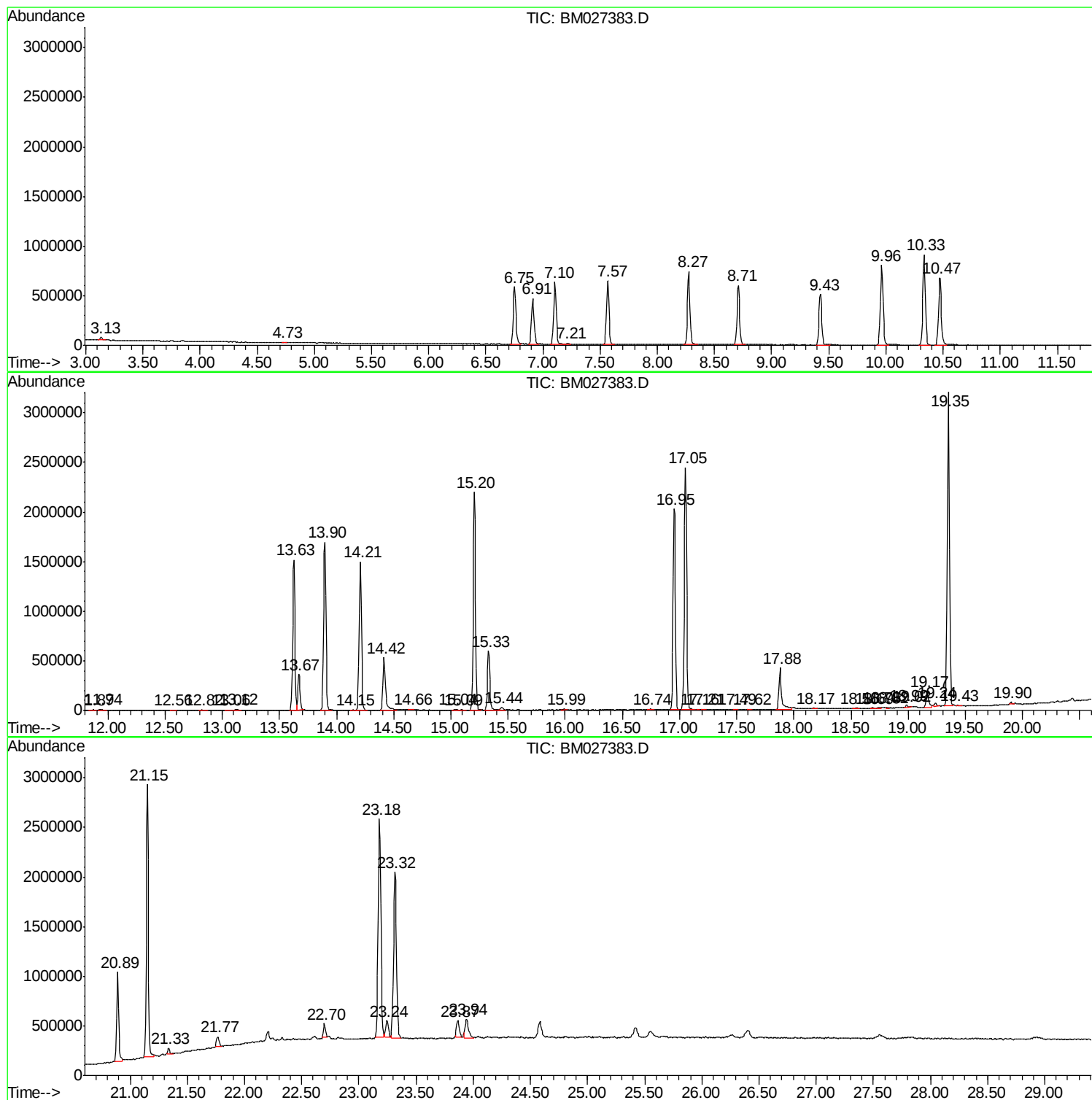
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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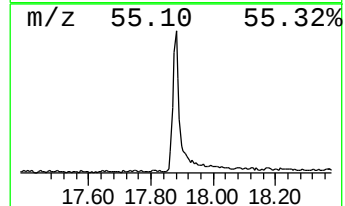
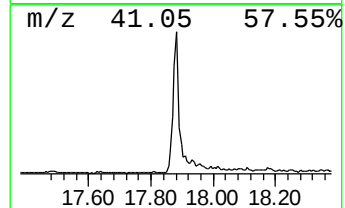
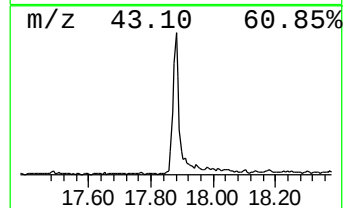
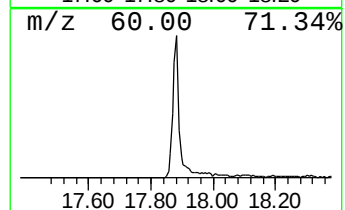
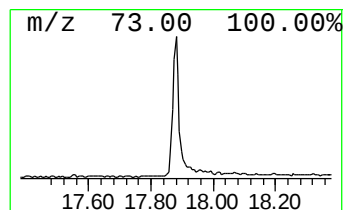
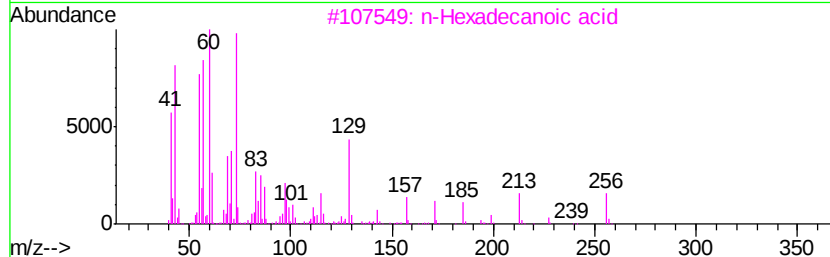
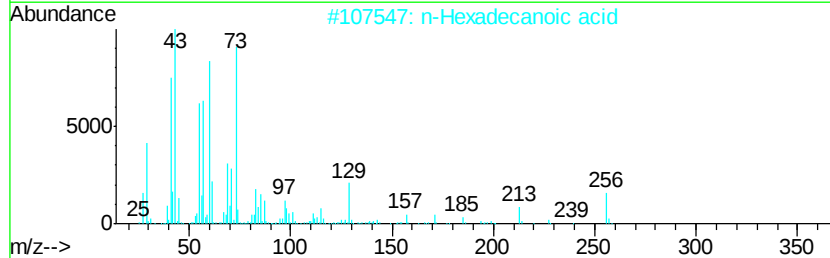
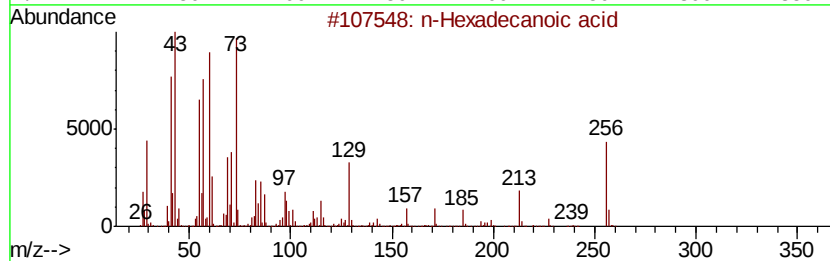
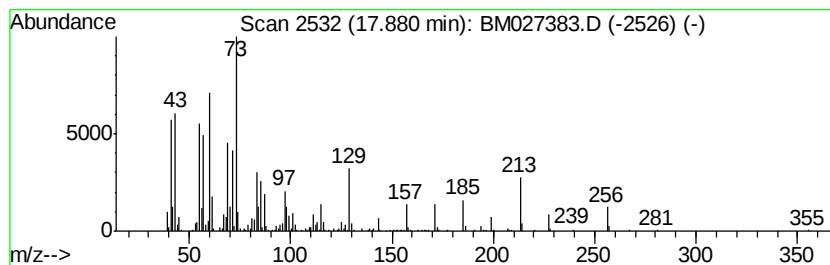
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.88	4.82 ng/ul	676845	Phenanthrene-d10		16.95		
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	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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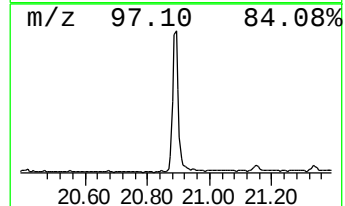
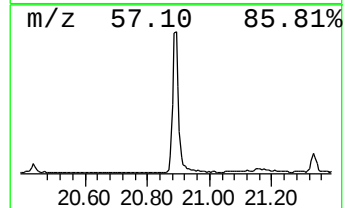
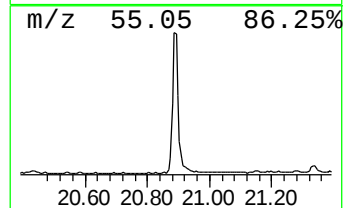
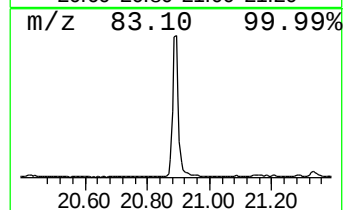
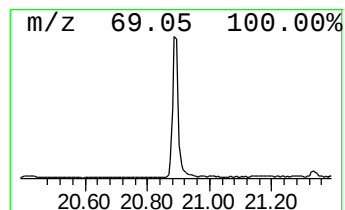
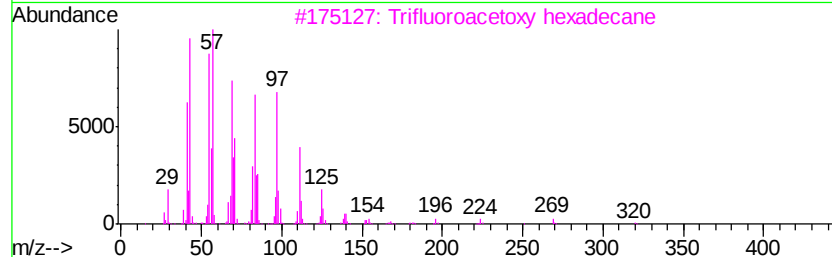
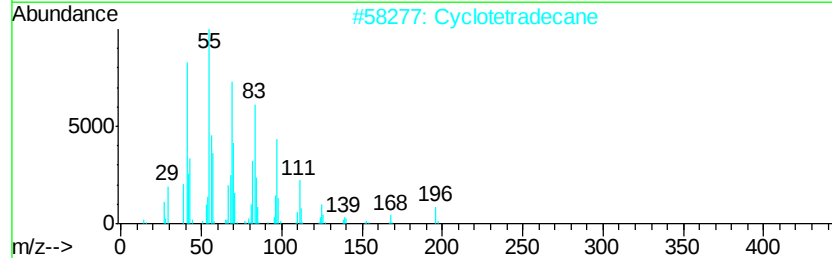
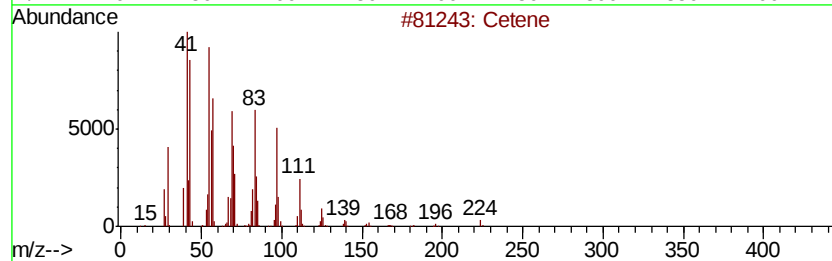
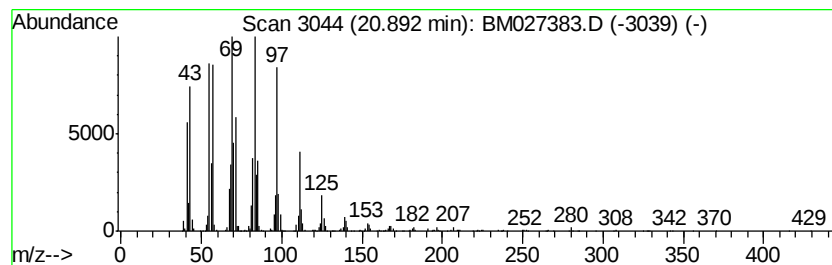
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.86 ng/ul	1172880	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cetene	224	C16H32	000629-73-2	96
2		Cyclotetradecane	196	C14H28	000295-17-0	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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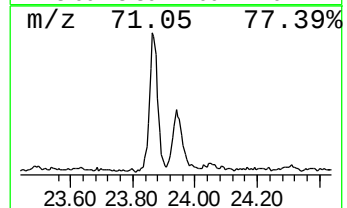
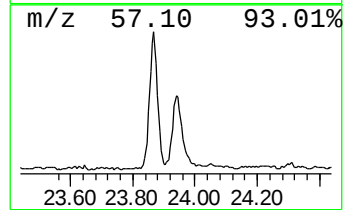
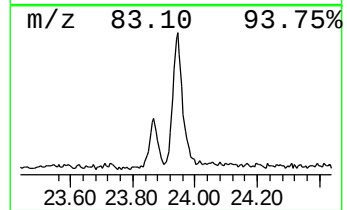
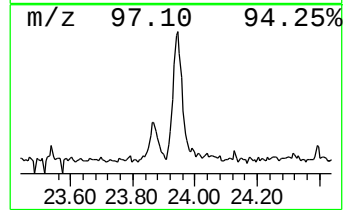
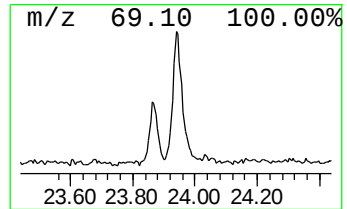
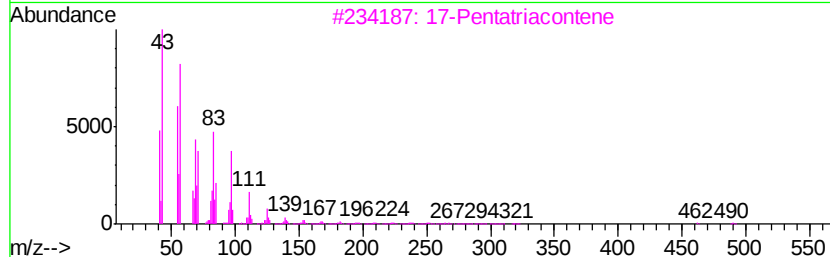
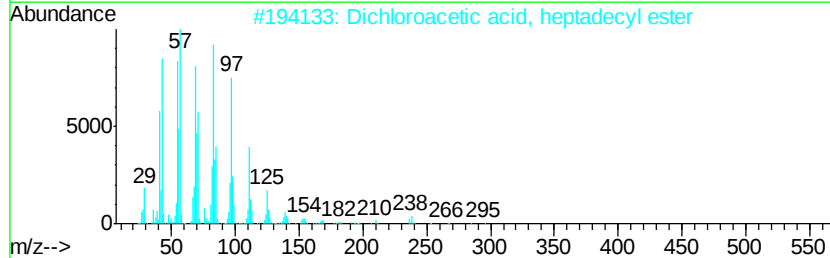
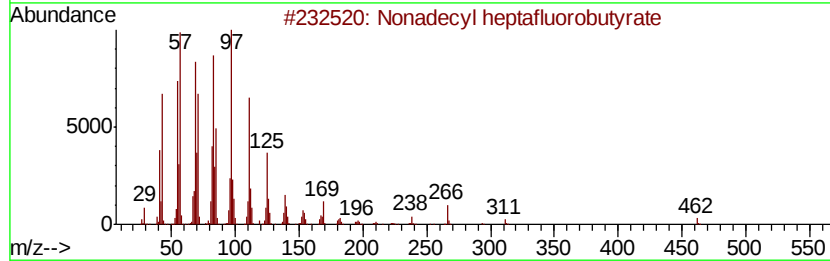
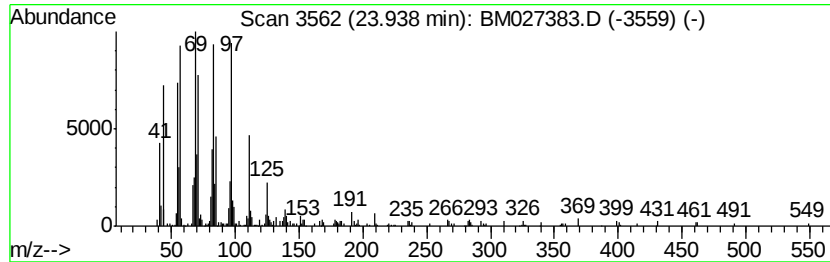
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Peak Number 3 Nonadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.61 ng/ul	395146	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3		17-Pentatriacontene	491	C35H70	006971-40-0	86
4		Octadecane, 1-(ethenvloxy)-	296	C20H40O	000930-02-9	70
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	4.8	ng/ul	676845	4	16.95	2806070	20.0
(DEL) Alkane: Str...	20.89	6.9	ng/ul	1172880	5	21.15	3420680	20.0
Nonadecyl heptafl...	23.94	2.6	ng/ul	395146	6	23.32	3027700	20.0