

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
 Data File : BM014088.D
 Acq On : 01 Feb 2018 23:58
 Operator : SJ/JU
 Sample : J1317-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C78

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	3.728	122	126	131	rVB	51878	73057	2.64%	0.244%
2	3.928	156	160	164	rBV5	22554	28953	1.05%	0.097%
3	4.704	288	292	302	rBV2	48832	99021	3.58%	0.331%
4	6.745	632	639	655	rBV	358646	737354	26.64%	2.464%
5	6.904	658	666	675	rBV	286175	459480	16.60%	1.536%
6	7.093	692	698	710	rBV	413116	708793	25.61%	2.369%
7	7.557	771	777	791	rBV	425583	733824	26.51%	2.452%
8	8.275	892	899	909	rBV	428877	784031	28.33%	2.620%
9	8.716	967	974	992	rBV	396324	725846	26.23%	2.426%
10	9.104	1035	1040	1045	rBV5	18978	31435	1.14%	0.105%
11	9.434	1089	1096	1107	rBV	339995	641521	23.18%	2.144%
12	9.969	1180	1187	1199	rBV2	422911	867459	31.34%	2.899%
13	10.328	1241	1248	1256	rVB	599870	986585	35.65%	3.297%
14	10.486	1269	1275	1295	rBV2	303489	712949	25.76%	2.383%
15	13.633	1802	1810	1814	rBV	933588	1353019	48.89%	4.522%
16	13.680	1814	1818	1826	rVB	274836	428192	15.47%	1.431%
17	13.898	1849	1855	1866	rBV	1022007	1594021	57.60%	5.327%
18	14.116	1886	1892	1899	rBV2	37398	53971	1.95%	0.180%
19	14.210	1901	1908	1918	rBV2	873683	1336561	48.29%	4.467%
20	14.457	1945	1950	1965	rBV3	156835	459251	16.59%	1.535%
21	14.657	1978	1984	1991	rBV9	28845	62337	2.25%	0.208%
22	15.021	2041	2046	2049	rBV2	22292	30142	1.09%	0.101%
23	15.074	2049	2055	2061	rVB3	46556	70020	2.53%	0.234%
24	15.216	2073	2079	2088	rBV	1249686	1902526	68.74%	6.358%
25	15.363	2098	2104	2116	rBV2	304450	556315	20.10%	1.859%
26	15.457	2116	2120	2128	rVB8	24428	61300	2.21%	0.205%
27	15.916	2194	2198	2200	rBV3	25787	34842	1.26%	0.116%
28	15.939	2200	2202	2209	rVB4	41937	59359	2.14%	0.198%
29	16.733	2331	2337	2340	rBV4	26967	39924	1.44%	0.133%
30	16.968	2371	2377	2386	rBV	1141010	1611857	58.24%	5.387%
31	17.068	2386	2394	2408	rVV	1306127	2013323	72.75%	6.729%
32	17.757	2506	2511	2518	rBV9	17544	37367	1.35%	0.125%
33	17.874	2527	2531	2536	rBV2	178577	270479	9.77%	0.904%
34	18.939	2704	2712	2714	rBV7	15726	36515	1.32%	0.122%

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35	19.015	2722	2725	2728	rBV5	33351	52523	1.90%	0.176%
36	19.121	2740	2743	2747	rBV	31308	36941	1.33%	0.123%
37	19.168	2747	2751	2763	rVV7	109453	211372	7.64%	0.706%
38	19.374	2780	2786	2792	rBV	1693018	2437923	88.09%	8.148%
39	19.427	2793	2795	2801	rVB6	41128	48766	1.76%	0.163%
40	20.315	2942	2946	2949	rBV6	24213	42562	1.54%	0.142%
41	20.486	2971	2975	2980	rVB	97815	137353	4.96%	0.459%
42	20.892	3040	3044	3055	rVB4	250019	405755	14.66%	1.356%
43	21.092	3075	3078	3083	rBV2	80195	103133	3.73%	0.345%
44	21.174	3087	3092	3100	rBV	1465621	2016379	72.86%	6.739%
45	21.380	3124	3127	3134	rBV6	81545	123449	4.46%	0.413%
46	23.215	3433	3439	3451	rVB2	1484193	2767591	100.00%	9.249%
47	23.350	3457	3462	3471	rVB	1013488	1936678	69.98%	6.472%

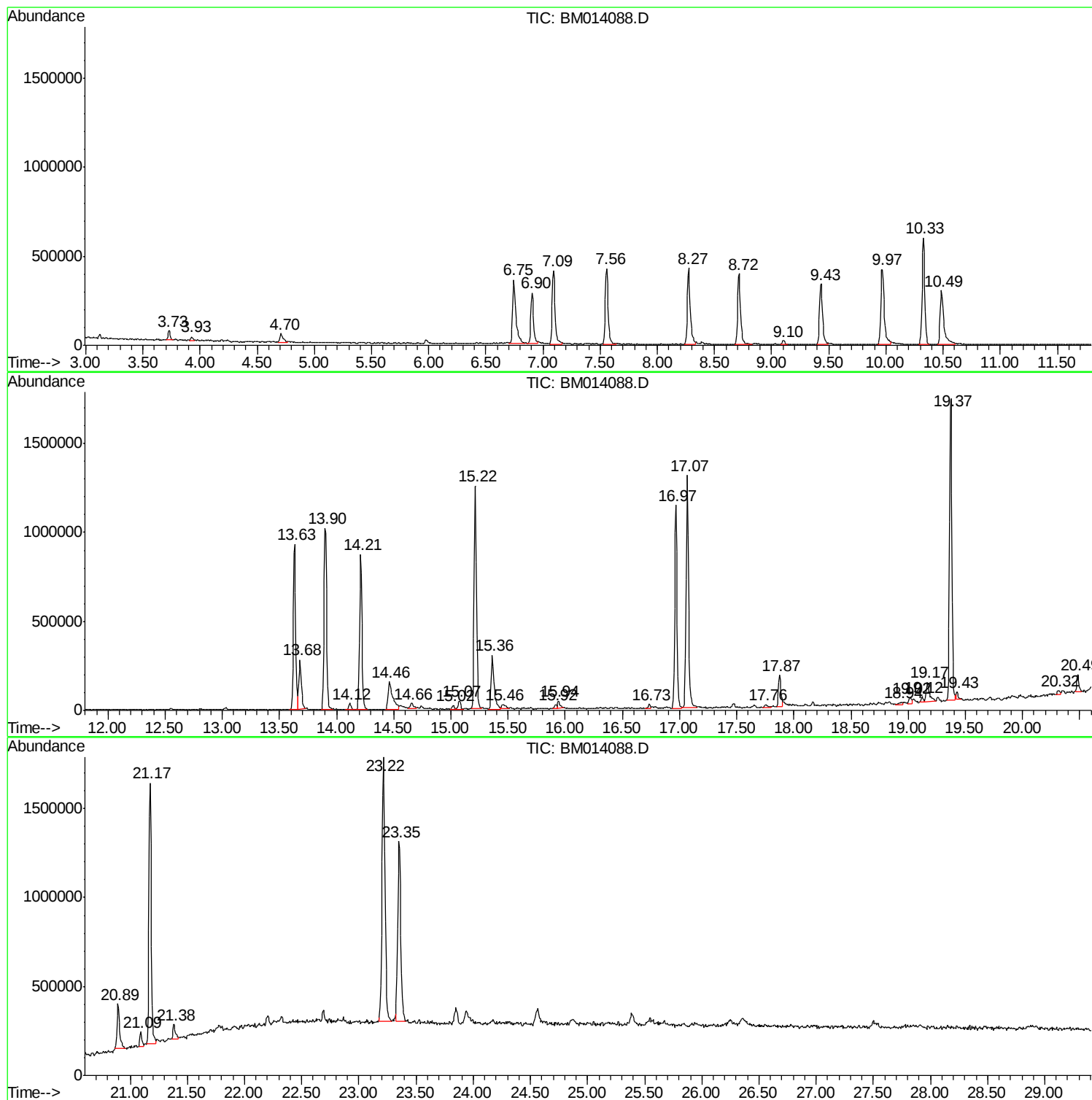
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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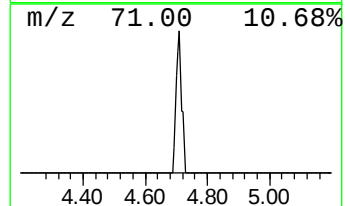
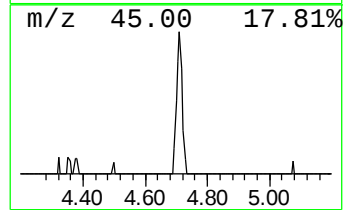
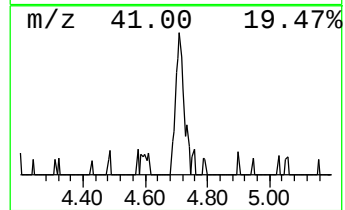
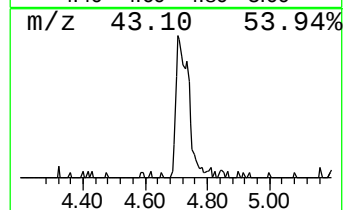
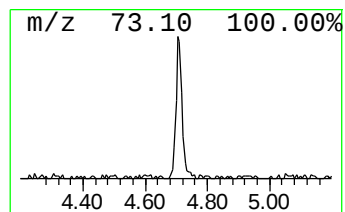
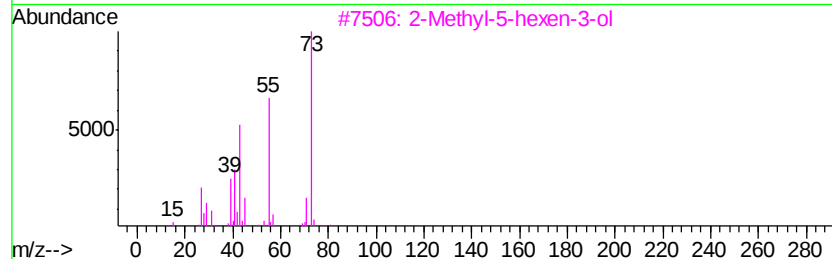
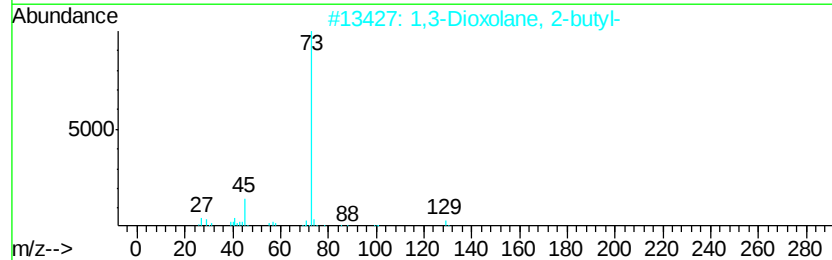
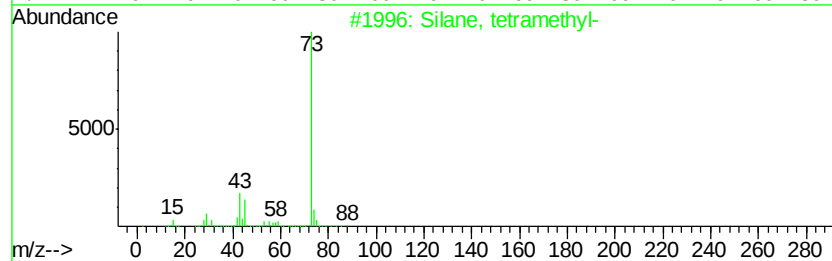
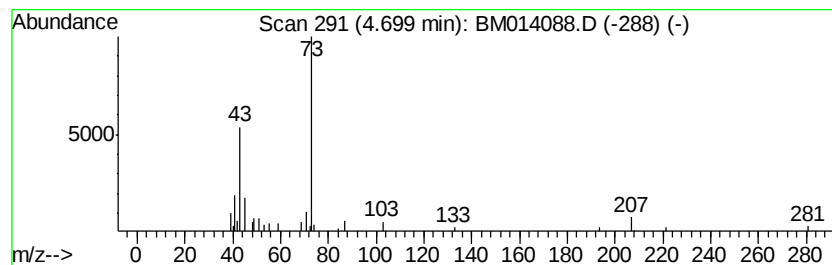
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	2.70 ng/ul	99021	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
2		1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	37
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4		Acetic acid, 3-[1,3]dioxolan-2-yl-	174	C8H14O4	1000186-02-3	25
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25



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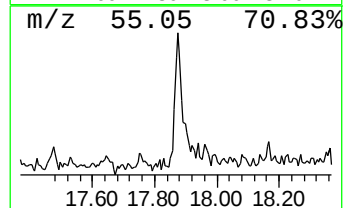
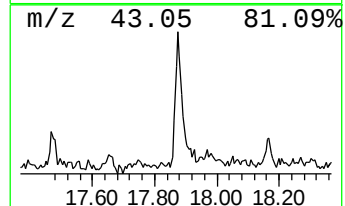
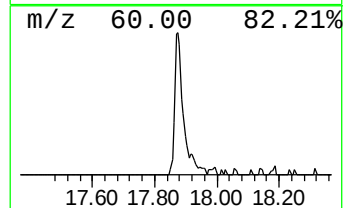
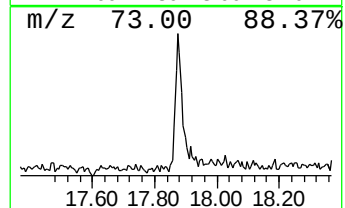
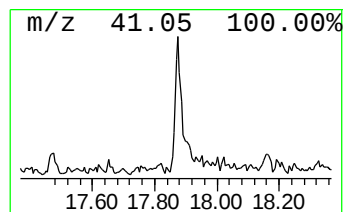
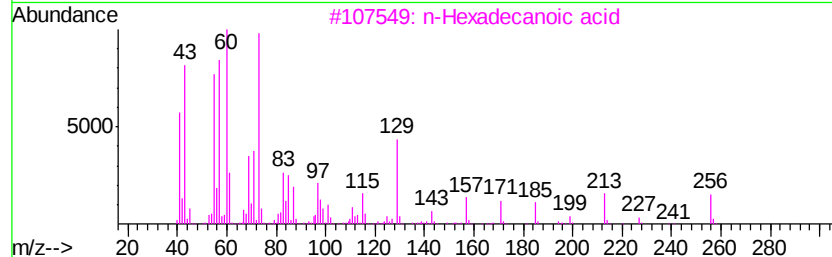
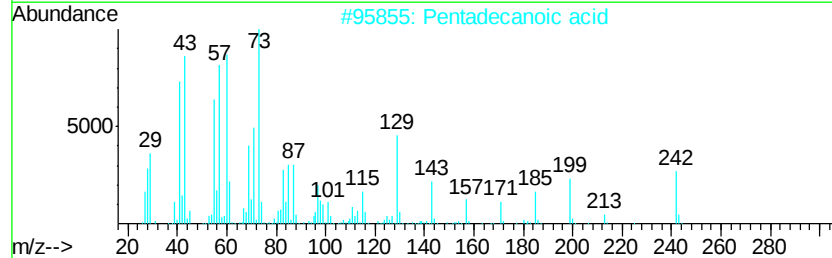
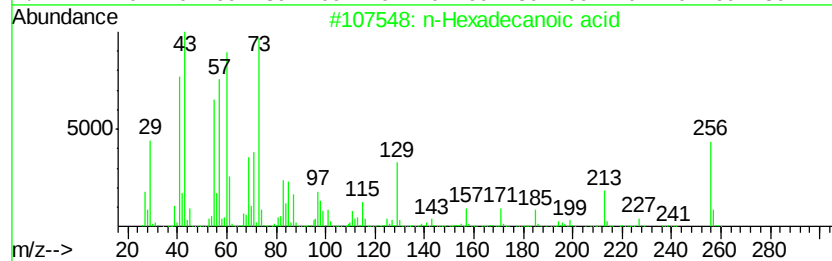
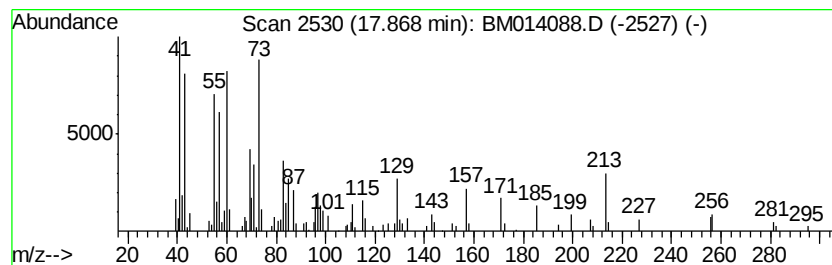
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.36 ng/ul	270479	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55	
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	52	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49	



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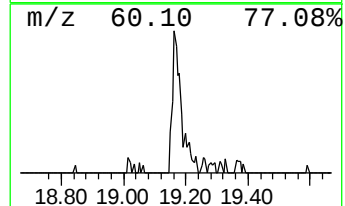
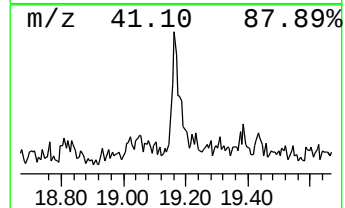
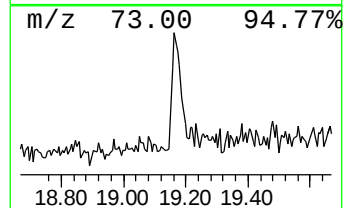
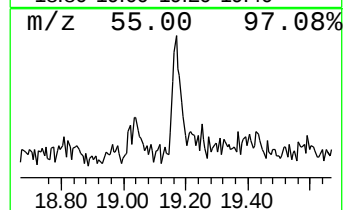
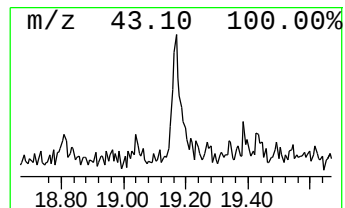
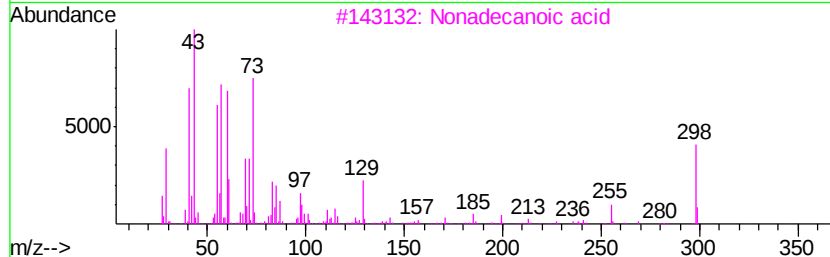
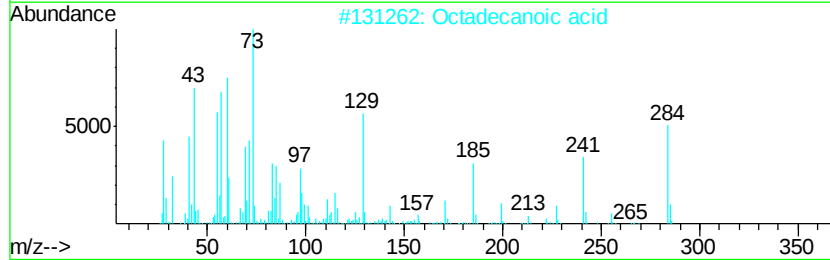
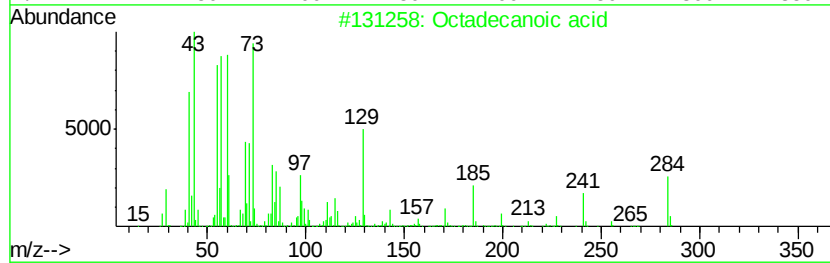
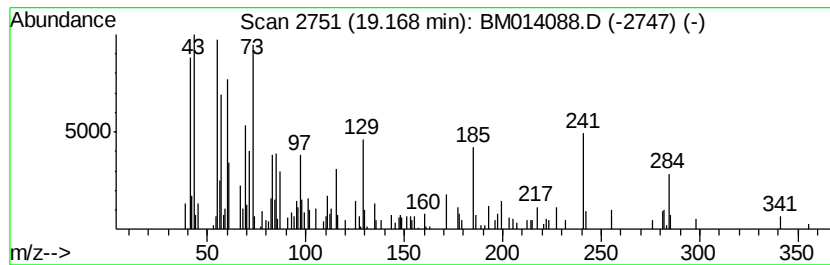
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.10 ng/ul	211372	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2		Octadecanoic acid	284	C18H36O2	000057-11-4	91
3		Nonadecanoic acid	298	C19H38O2	000646-30-0	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	89
5		Nonadecanoic acid	298	C19H38O2	000646-30-0	78



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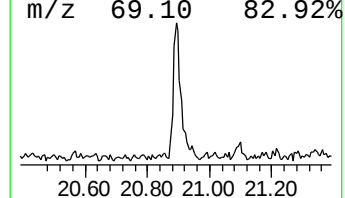
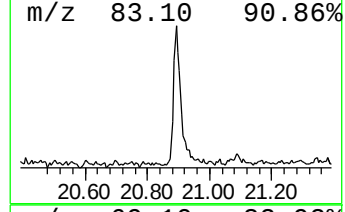
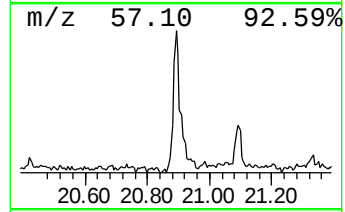
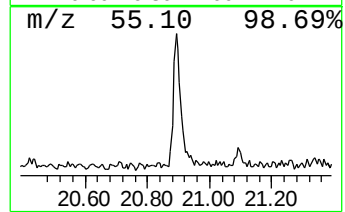
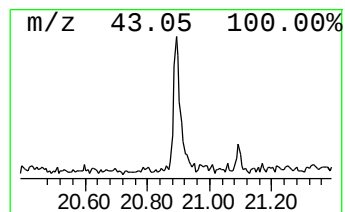
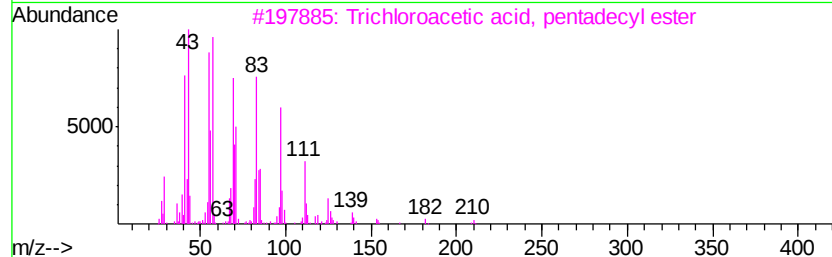
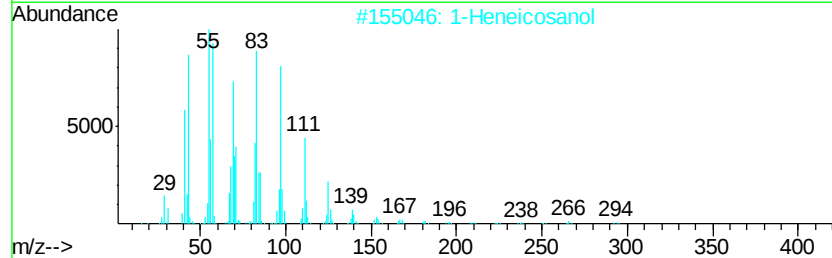
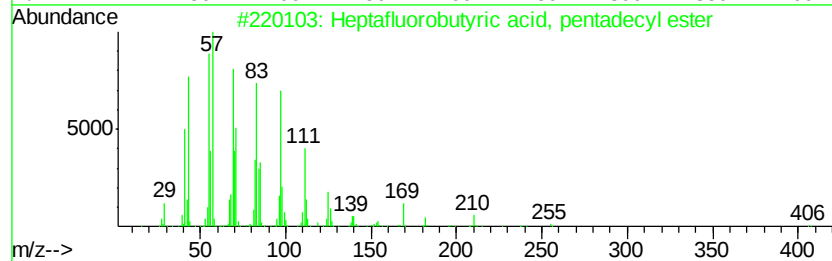
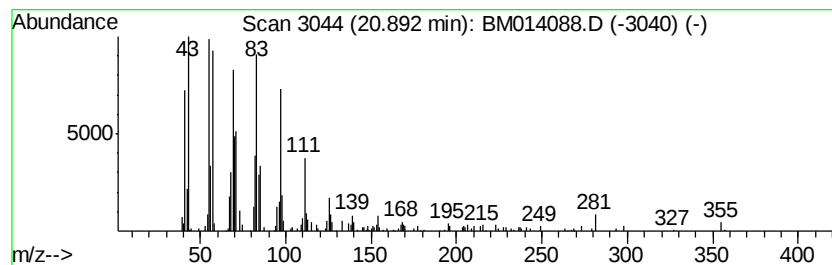
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Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.02 ng/ul	405755	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	4.70	2.7	ng/ul	99021	1	7.56	733824	20.0
n-Hexadecanoic acid	17.87	3.4	ng/ul	270479	4	16.97	1611860	20.0
Octadecanoic acid	19.17	2.1	ng/ul	211372	5	21.17	2016380	20.0
Heptafluorobutyri...	20.89	4.0	ng/ul	405755	5	21.17	2016380	20.0