

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
 Data File : BM028694.D
 Acq On : 09 Feb 2021 20:55
 Operator : CG/JU
 Sample : M1310-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

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-BM011621MA.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	3.204	34	37	44	rVB	6717	8111	1.65%	0.138%
2	3.981	165	169	173	rVB	1504	1989	0.40%	0.034%
3	4.969	333	337	343	rVB2	1576	2353	0.48%	0.040%
4	7.063	687	693	704	rBB	109143	183068	37.13%	3.118%
5	7.228	715	721	730	rBB	83228	127627	25.88%	2.174%
6	7.422	748	754	762	rBV	116584	181101	36.73%	3.085%
7	7.892	828	834	841	rBB	99719	154824	31.40%	2.637%
8	8.616	951	957	967	rBB	129832	202636	41.10%	3.451%
9	9.069	1028	1034	1042	rBB	99952	156751	31.79%	2.670%
10	9.792	1151	1157	1164	rBB	81986	133132	27.00%	2.268%
11	10.328	1242	1248	1258	rBB	127257	204592	41.49%	3.485%
12	10.486	1272	1275	1278	rBB2	471	687	0.14%	0.012%
13	10.704	1305	1312	1321	rBB	131592	212068	43.01%	3.612%
14	10.845	1330	1336	1346	rBV	123623	198977	40.36%	3.389%
15	12.292	1578	1582	1586	rBB2	1457	1952	0.40%	0.033%
16	13.957	1859	1865	1870	rBV	206001	268974	54.55%	4.581%
17	14.004	1870	1873	1880	rVB	7360	9314	1.89%	0.159%
18	14.192	1900	1905	1907	rBV	2175	3022	0.61%	0.051%
19	14.239	1907	1913	1921	rVB	245119	352042	71.40%	5.996%
20	14.545	1959	1965	1972	rBB2	179483	259731	52.68%	4.424%
21	14.763	1996	2002	2013	rBV	82569	119163	24.17%	2.030%
22	14.963	2034	2036	2040	rBV	837	845	0.17%	0.014%
23	15.174	2069	2072	2074	rBV	553	739	0.15%	0.013%
24	15.333	2096	2099	2102	rBV2	1443	2054	0.42%	0.035%
25	15.363	2102	2104	2109	rVB	2056	2207	0.45%	0.038%
26	15.539	2128	2134	2140	rBV	296934	403359	81.81%	6.870%
27	15.668	2151	2156	2165	rVB	79999	107306	21.76%	1.828%
28	15.774	2170	2174	2180	rBB2	1906	2517	0.51%	0.043%
29	15.898	2192	2195	2198	rBV	556	755	0.15%	0.013%
30	16.068	2219	2224	2225	rBV	371	499	0.10%	0.008%
31	16.315	2265	2266	2269	rVB	762	541	0.11%	0.009%
32	16.410	2279	2282	2284	rBV	483	636	0.13%	0.011%
33	16.504	2293	2298	2303	rBV3	1793	2705	0.55%	0.046%
34	17.080	2391	2396	2399	rBV2	461	655	0.13%	0.011%

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Integration Parameters: LSCINT.P

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35	17.192	2411	2415	2418	rVB2	751	933	0.19%	0.016%
36	17.280	2424	2430	2436	rBV	208064	278521	56.49%	4.744%
37	17.380	2441	2447	2453	rVV	305601	414459	84.06%	7.059%
38	17.556	2474	2477	2481	rBV	1856	2383	0.48%	0.041%
39	18.045	2557	2560	2565	rVB2	871	1115	0.23%	0.019%
40	18.162	2575	2580	2586	rVV	50147	63724	12.92%	1.085%
41	18.233	2589	2592	2598	rVV	3501	5178	1.05%	0.088%
42	18.315	2602	2606	2608	rBV2	686	1033	0.21%	0.018%
43	18.439	2625	2627	2629	rBV2	601	557	0.11%	0.009%
44	18.592	2649	2653	2657	rVB4	852	1431	0.29%	0.024%
45	18.651	2658	2663	2669	rBV2	3138	5545	1.12%	0.094%
46	18.751	2675	2680	2683	rBV3	3332	4837	0.98%	0.082%
47	18.786	2683	2686	2689	rVB4	866	1049	0.21%	0.018%
48	18.833	2691	2694	2695	rBV3	831	692	0.14%	0.012%
49	18.909	2701	2707	2712	rBV	18950	25455	5.16%	0.434%
50	18.956	2712	2715	2718	rVV2	1520	1563	0.32%	0.027%
51	18.998	2718	2722	2729	rVV2	4708	6884	1.40%	0.117%
52	19.068	2732	2734	2740	rVB6	1757	2520	0.51%	0.043%
53	19.298	2769	2773	2774	rBV2	3623	5034	1.02%	0.086%
54	19.321	2774	2777	2781	rVB3	6168	7531	1.53%	0.128%
55	19.433	2792	2796	2805	rBV	31697	43201	8.76%	0.736%
56	19.545	2811	2815	2820	rVB2	6560	7869	1.60%	0.134%
57	19.656	2829	2834	2841	rVB	343001	458808	93.05%	7.815%
58	20.074	2901	2905	2908	rBV3	3608	5077	1.03%	0.086%
59	20.280	2938	2940	2946	rBV7	2071	3296	0.67%	0.056%
60	20.550	2982	2986	2991	rBV2	7955	13461	2.73%	0.229%
61	20.756	3017	3021	3025	rBV	32043	37349	7.57%	0.636%
62	21.133	3081	3085	3090	rBV	44186	57528	11.67%	0.980%
63	21.427	3130	3135	3141	rBV	257153	306947	62.25%	5.228%
64	23.521	3485	3491	3499	rVB	271882	493064	100.00%	8.398%
65	23.668	3510	3516	3523	rVB2	167637	307172	62.30%	5.232%

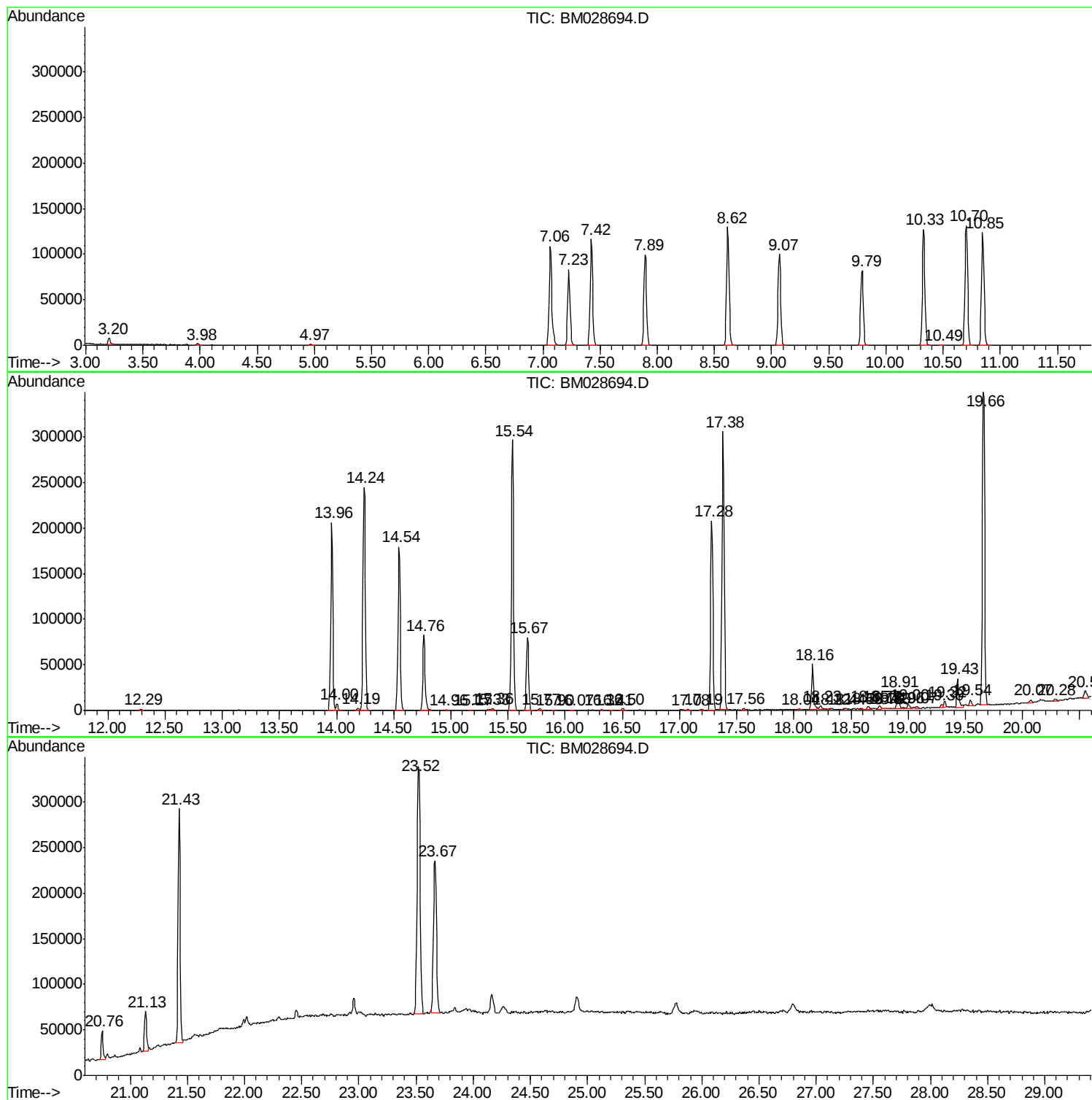
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Quant Title : SVOA CALIBRATION

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



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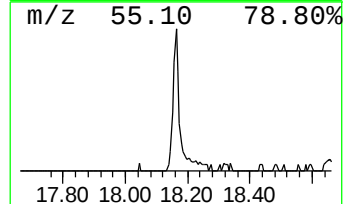
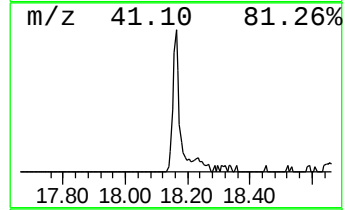
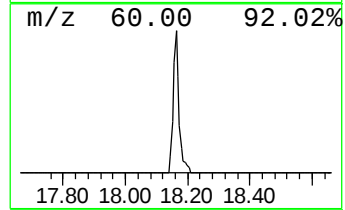
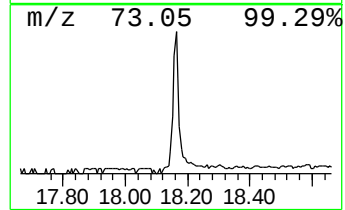
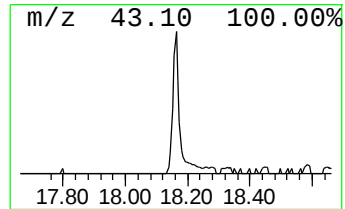
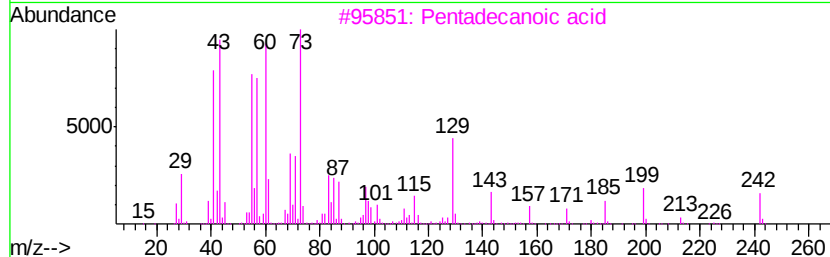
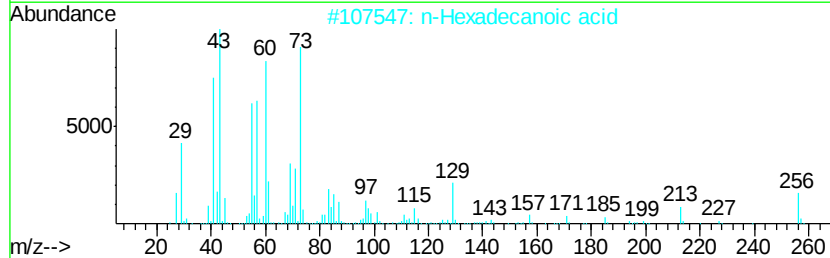
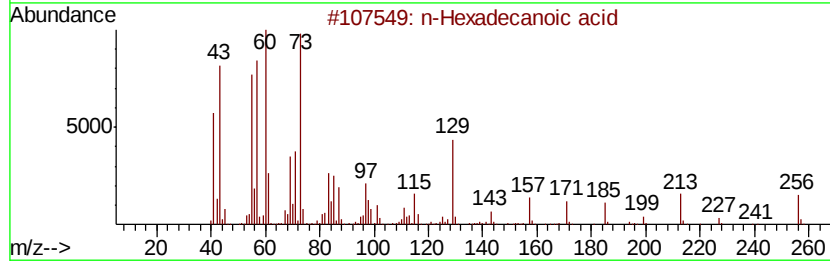
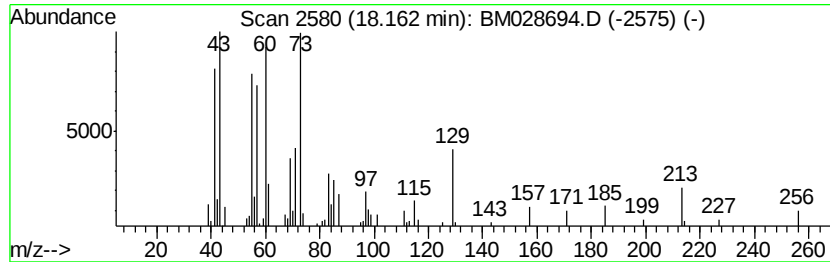
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	4.58 ng/ul	63724	Phenanthrene-d10	17.28

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	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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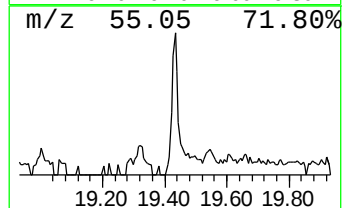
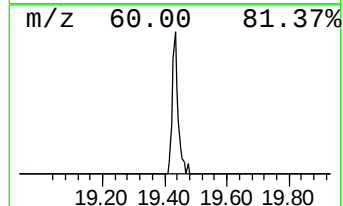
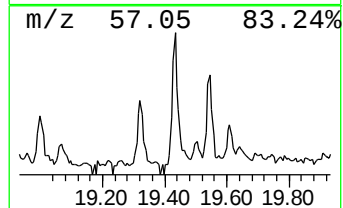
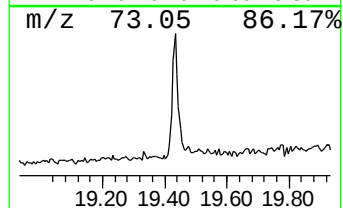
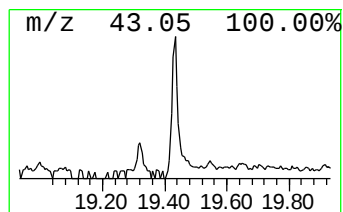
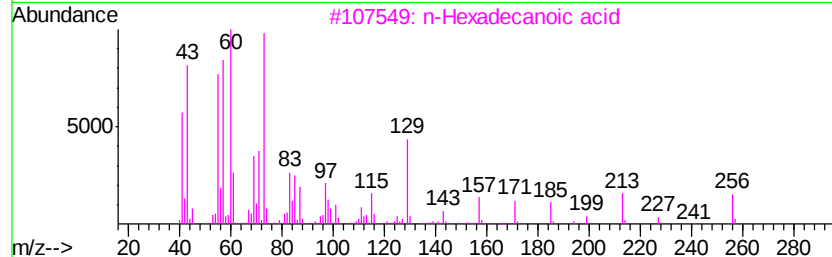
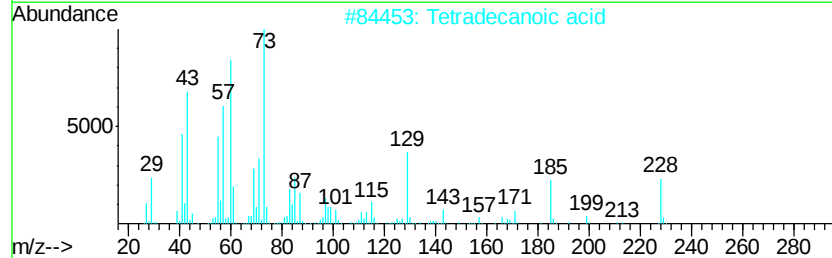
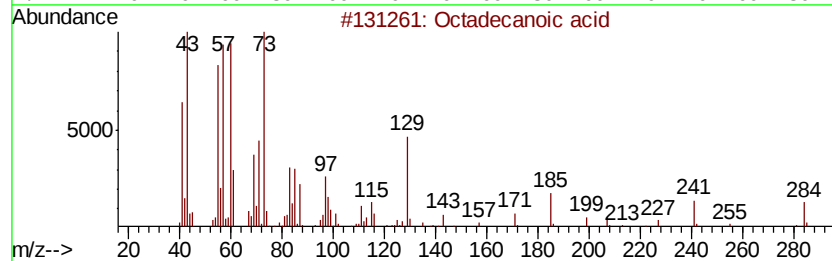
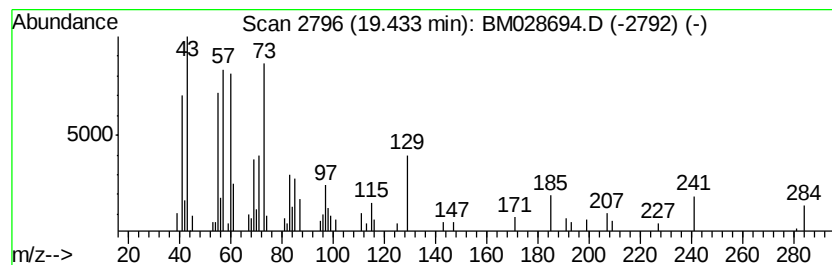
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.43	2.81 ng/ul	43201	Chrysene-d12		21.43	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53



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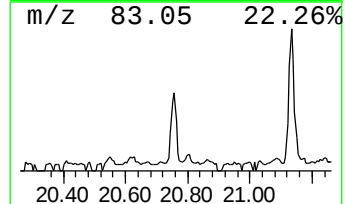
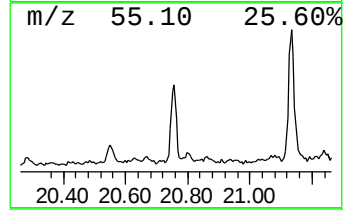
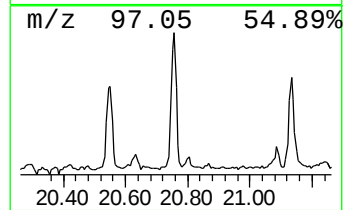
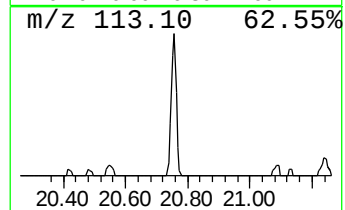
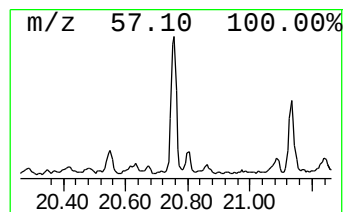
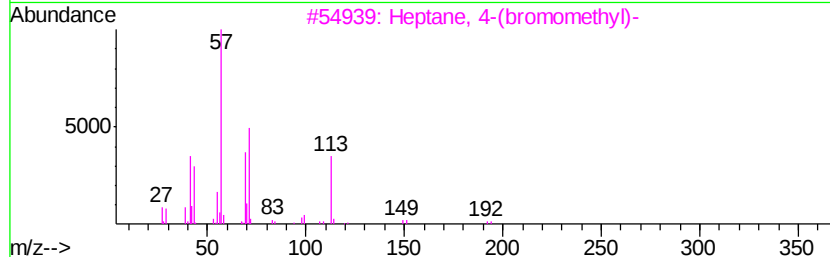
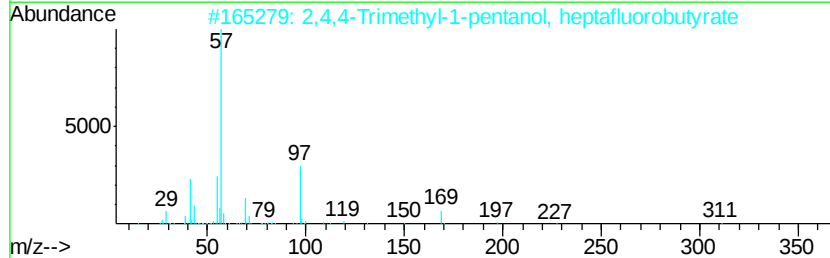
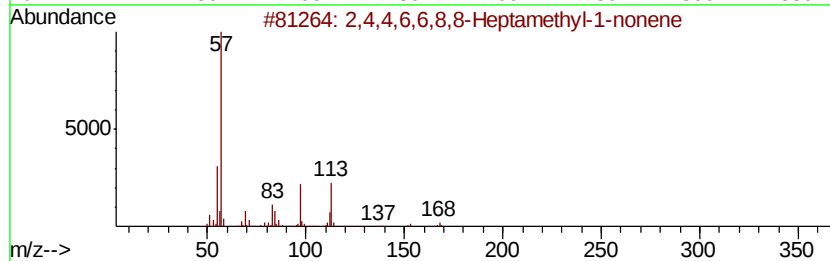
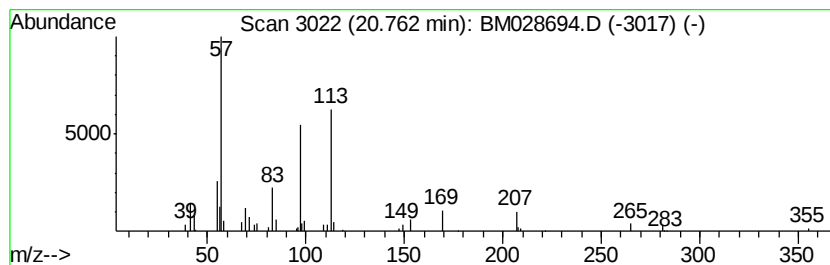
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.43 ng/ul	37349	Chrysene-d12	21.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	53
2		2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	35
3		Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	35
4		Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	25
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	25



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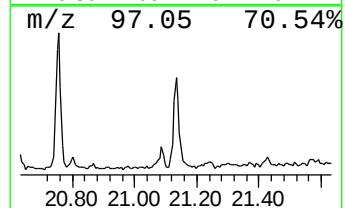
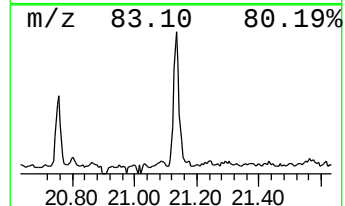
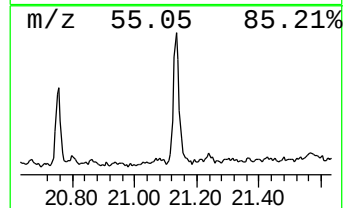
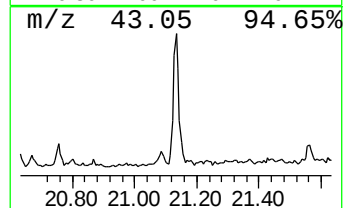
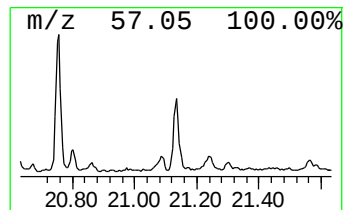
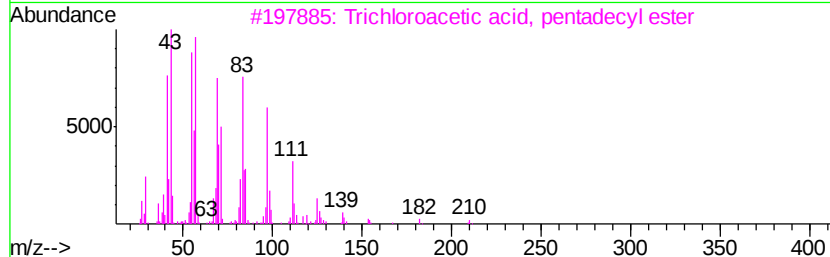
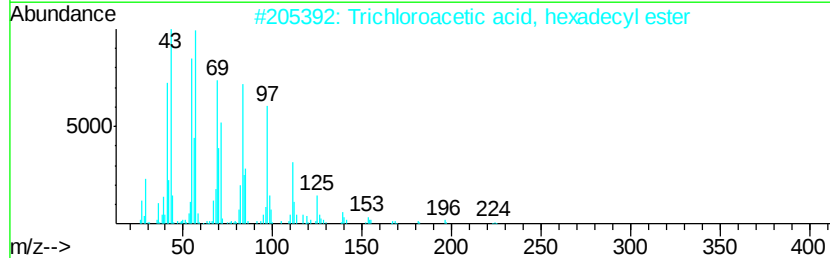
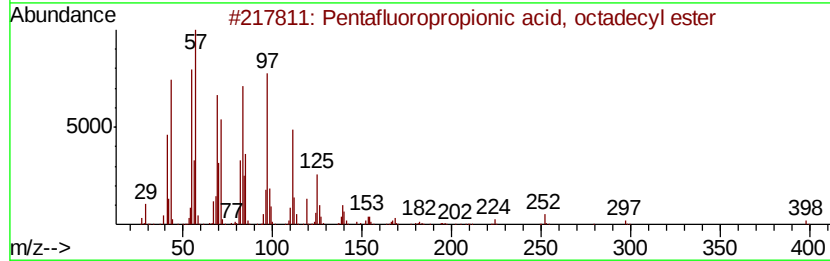
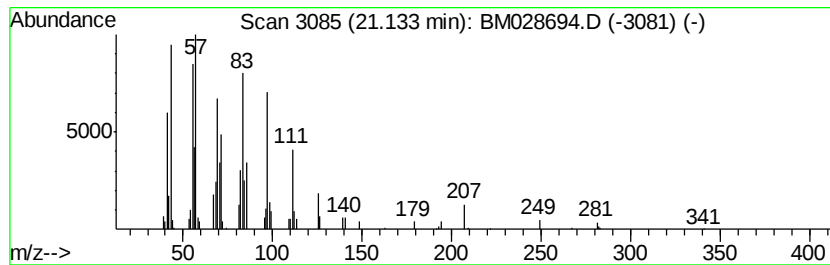
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Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	3.75 ng/ul	57528	Chrysene-d12	21.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, octadecyl...	416	C21H37F5O2	959261-25-7	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	81
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.16	4.6	ng/ul	63724	4	17.28	278521	20.0
Octadecanoic acid	19.43	2.8	ng/ul	43201	5	21.43	306947	20.0
(DEL) Alkane: Str...	20.76	2.4	ng/ul	37349	5	21.43	306947	20.0
Pentafluoropropio...	21.13	3.8	ng/ul	57528	5	21.43	306947	20.0