

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
 Data File : BN012319.D
 Acq On : 18 Oct 2020 08:10
 Operator : CG/JU
 Sample : L4235-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AM9

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_N\METHODS\SOM-EPA-BN101720.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	3.140	23	26	32	rBV	60851	75961	1.18%	0.109%
2	3.428	73	75	80	rBV	12470	20132	0.31%	0.029%
3	3.858	143	148	153	rBV2	15198	24108	0.37%	0.035%
4	5.216	373	379	382	rBV6	4148	7827	0.12%	0.011%
5	6.610	613	616	619	rBV4	5208	8180	0.13%	0.012%
6	6.775	636	644	657	rBV	1069363	1731364	26.81%	2.490%
7	6.940	666	672	684	rVB	763466	1202287	18.61%	1.729%
8	7.134	698	705	714	rBV	1163068	1727979	26.75%	2.485%
9	7.222	716	720	727	rBV	64380	114422	1.77%	0.165%
10	7.599	777	784	793	rBV	1026378	1566978	24.26%	2.254%
11	7.663	793	795	801	rVB5	6121	9815	0.15%	0.014%
12	8.304	897	904	914	rBV	1361609	2128822	32.96%	3.062%
13	8.746	971	979	991	rBV	1029426	1653221	25.60%	2.378%
14	8.857	996	998	1003	rVB4	5289	6784	0.11%	0.010%
15	9.175	1048	1052	1057	rBV5	6660	12237	0.19%	0.018%
16	9.463	1092	1101	1115	rBV	916787	1491179	23.09%	2.145%
17	9.699	1134	1141	1149	rBV7	15201	38390	0.59%	0.055%
18	9.993	1184	1191	1199	rBV	1371337	2225844	34.46%	3.201%
19	10.369	1248	1255	1262	rBV	1365295	2249479	34.83%	3.235%
20	10.510	1271	1279	1290	rBV	1219707	2046049	31.68%	2.943%
21	11.963	1522	1526	1531	rBV2	17960	28311	0.44%	0.041%
22	12.510	1615	1619	1625	rBV4	19423	29587	0.46%	0.043%
23	12.845	1672	1676	1682	rVB6	5265	8598	0.13%	0.012%
24	13.140	1721	1726	1732	rVB3	32812	50041	0.77%	0.072%
25	13.657	1807	1814	1818	rBV	2532567	3358592	52.00%	4.830%
26	13.704	1818	1822	1833	rVB	644614	889306	13.77%	1.279%
27	13.928	1853	1860	1870	rBV	2780468	3999542	61.92%	5.752%
28	14.145	1894	1897	1902	rVB5	5619	9637	0.15%	0.014%
29	14.239	1906	1913	1922	rBV2	2050589	2932646	45.40%	4.218%
30	14.445	1942	1948	1965	rBV	1149130	1754036	27.16%	2.523%
31	14.675	1982	1987	1994	rBV	270398	371309	5.75%	0.534%
32	15.104	2057	2060	2063	rVB4	5383	7372	0.11%	0.011%
33	15.239	2076	2083	2093	rBV	3455652	4809642	74.46%	6.917%
34	15.363	2098	2104	2114	rBV	1250443	1663257	25.75%	2.392%

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35	15.475	2119	2123	2128	rVB2	41312	54575	0.84%	0.078%
36	15.810	2173	2180	2183	rBV7	7636	14439	0.22%	0.021%
37	16.022	2213	2216	2221	rBV6	12435	19275	0.30%	0.028%
38	16.128	2232	2234	2241	rVB6	4484	7963	0.12%	0.011%
39	16.404	2277	2281	2290	rBV2	60552	87615	1.36%	0.126%
40	16.628	2316	2319	2323	rBV5	4151	7346	0.11%	0.011%
41	16.663	2323	2325	2328	rVV4	7501	7277	0.11%	0.010%
42	16.757	2338	2341	2342	rBV2	8048	7090	0.11%	0.010%
43	16.775	2342	2344	2348	rVB4	10707	13153	0.20%	0.019%
44	16.986	2373	2380	2387	rBV	2490716	3374747	52.25%	4.854%
45	17.086	2391	2397	2409	rVB	3855605	5156850	79.84%	7.417%
46	17.369	2441	2445	2449	rBV2	21699	31755	0.49%	0.046%
47	17.616	2484	2487	2490	rBV4	5059	6896	0.11%	0.010%
48	17.898	2529	2535	2545	rBV	405294	627128	9.71%	0.902%
49	18.510	2636	2639	2640	rBV3	6815	7038	0.11%	0.010%
50	18.833	2692	2694	2700	rVB7	11983	12958	0.20%	0.019%
51	19.022	2722	2726	2730	rBV	41000	62457	0.97%	0.090%
52	19.186	2750	2754	2761	rBV3	118250	172873	2.68%	0.249%
53	19.274	2765	2769	2777	rVB	43462	67595	1.05%	0.097%
54	19.386	2782	2788	2794	rBV	4571732	5966659	92.38%	8.581%
55	19.445	2794	2798	2807	rVB	190262	303331	4.70%	0.436%
56	19.927	2876	2880	2883	rBV6	30738	47540	0.74%	0.068%
57	20.327	2945	2948	2953	rVB2	85790	95343	1.48%	0.137%
58	20.910	3043	3047	3053	rBV	926442	1164307	18.03%	1.675%
59	21.186	3089	3094	3101	rBV	3014361	3759781	58.21%	5.407%
60	23.227	3434	3441	3454	rBV	3471998	6458953	100.00%	9.289%
61	23.363	3458	3464	3474	rVB2	2002700	3743101	57.95%	5.383%

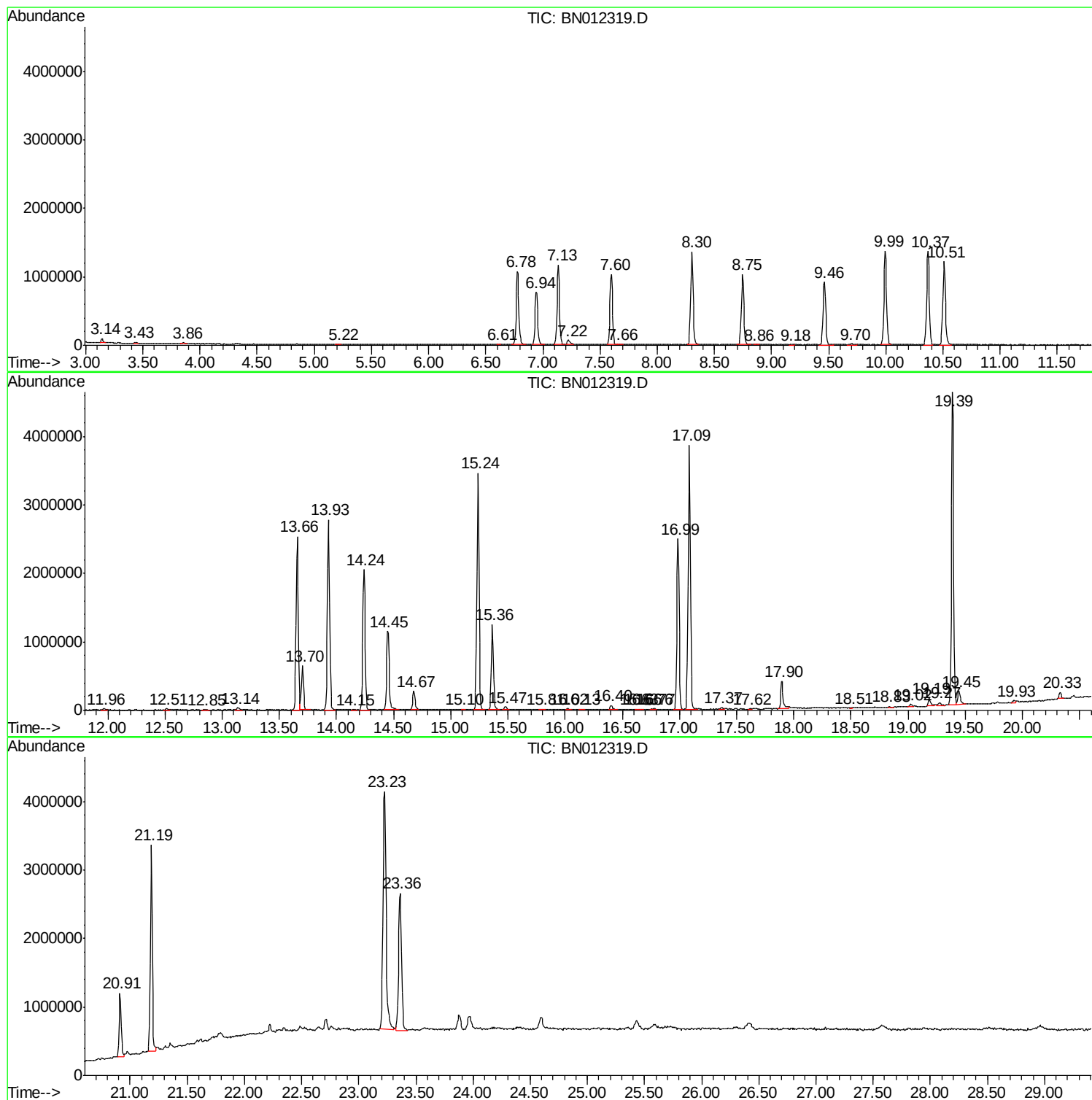
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TIC Library : C:\DATABASE\NIST11.L
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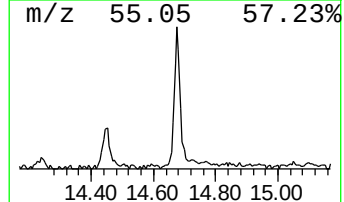
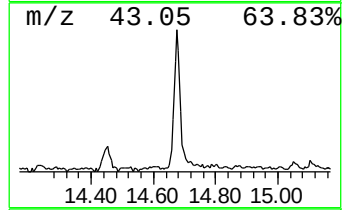
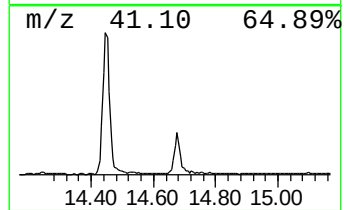
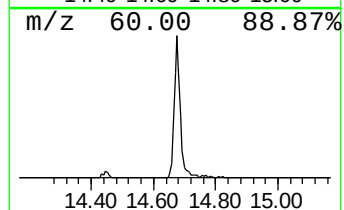
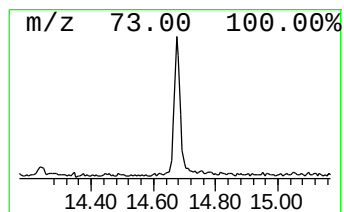
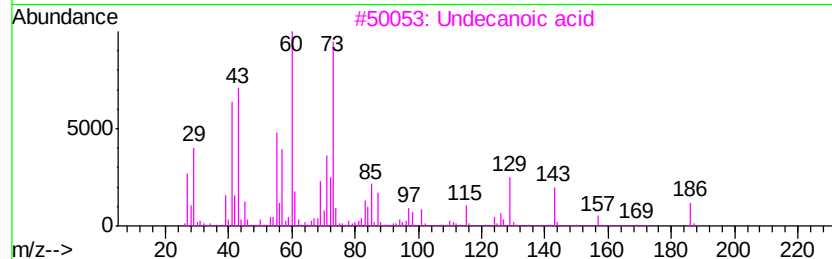
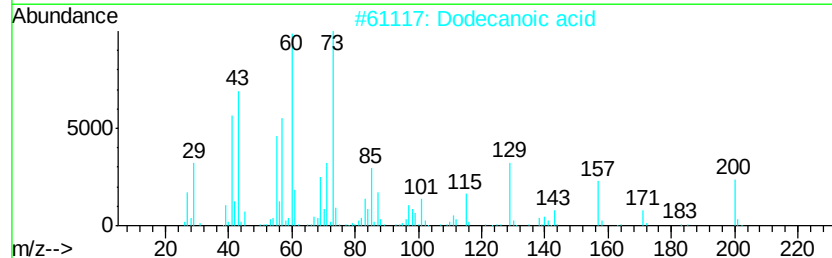
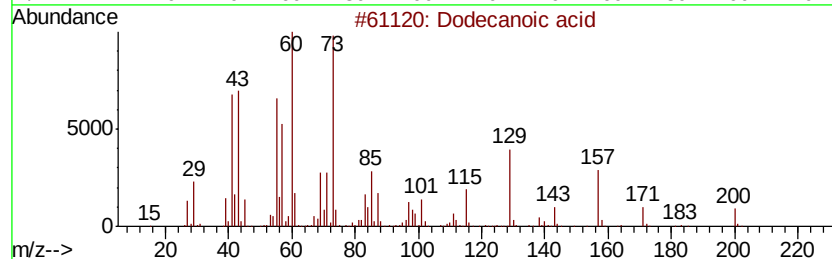
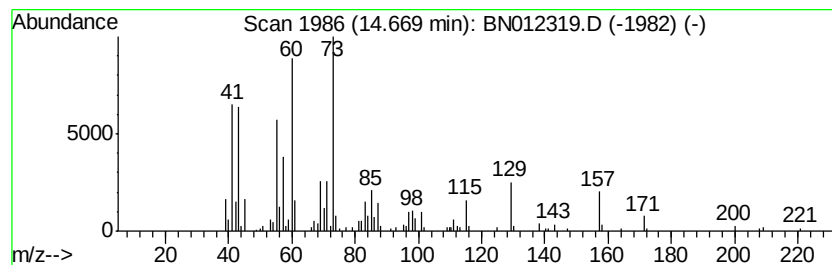
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.53 ng/ul	371309	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	90
2	Dodecanoic acid	200 C12H24O2	000143-07-7	74
3	Undecanoic acid	186 C11H22O2	000112-37-8	59
4	Dodecanoic acid	200 C12H24O2	000143-07-7	53
5	Dodecanoic acid	200 C12H24O2	000143-07-7	52



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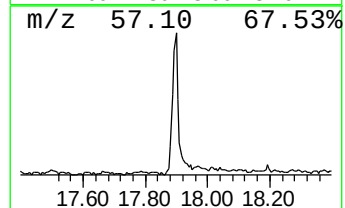
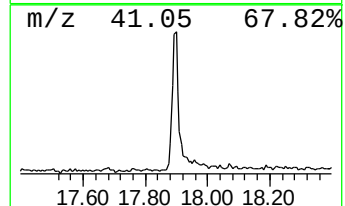
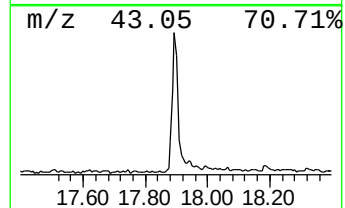
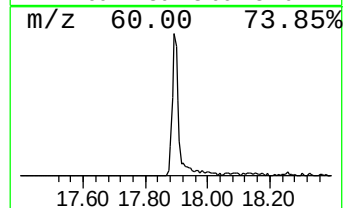
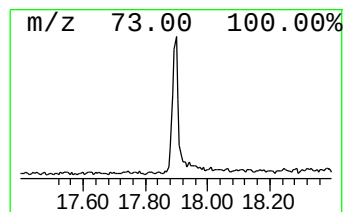
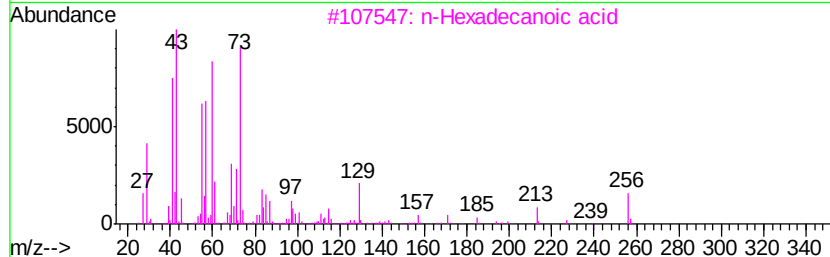
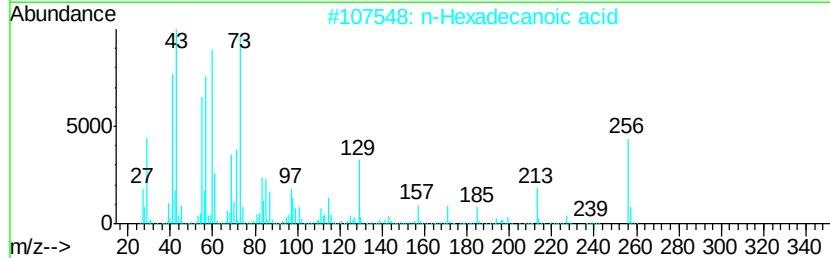
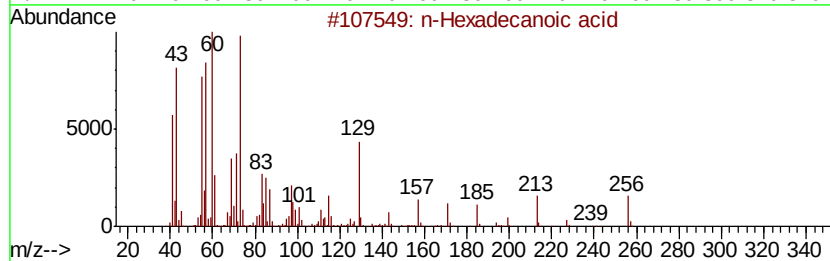
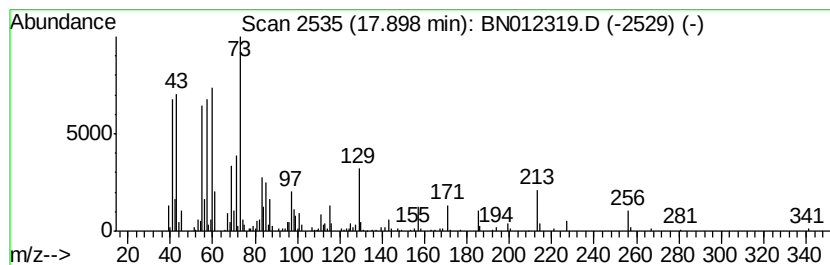
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.90	3.72 ng/ul	627128	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



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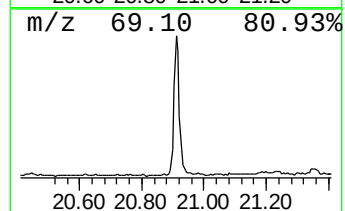
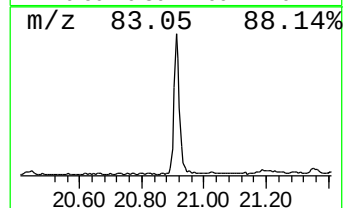
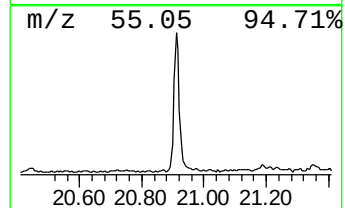
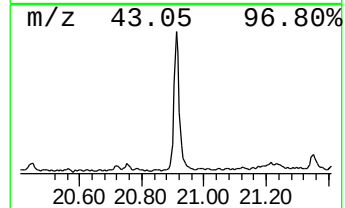
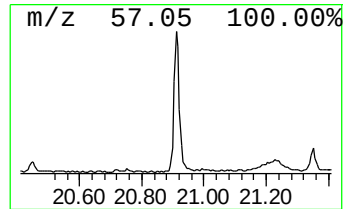
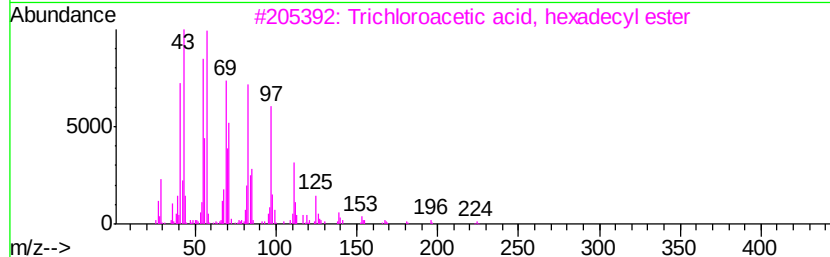
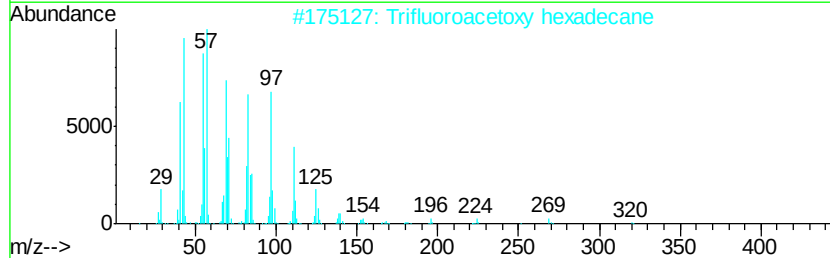
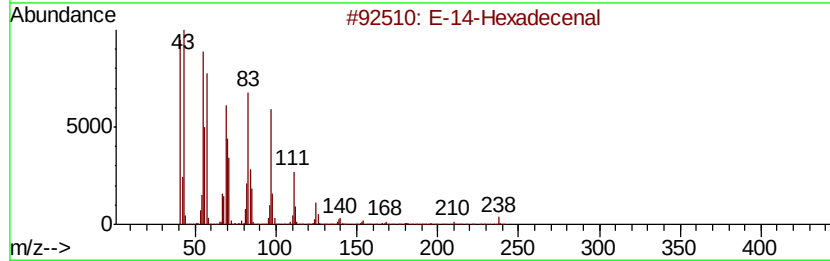
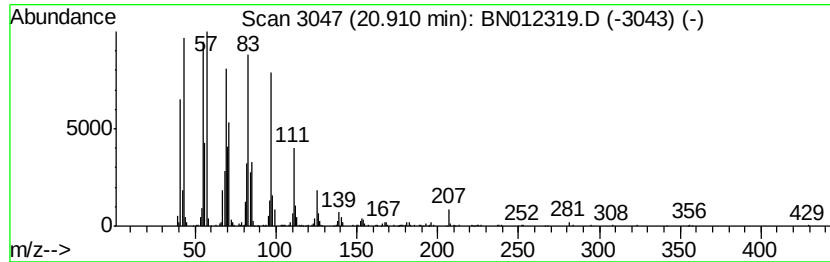
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Peak Number 3 E-14-Hexadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	6.19 ng/ul	1164310	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-14-Hexadecenal	238 C16H30O	330207-53-9	95
2	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	94
3	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	94
4	1-Heneicosanol	312 C21H44O	015594-90-8	93
5	1-Heneicosyl formate	340 C22H44O2	077899-03-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.67	2.5	ng/ul	371309	3	14.24	2932650	20.0
n-Hexadecanoic acid	17.90	3.7	ng/ul	627128	4	16.99	3374750	20.0
E-14-Hexadecenal	20.91	6.2	ng/ul	1164310	5	21.19	3759780	20.0