

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014058.D
 Acq On : 11 Mar 2023 08:04
 Operator : CG/JU
 Sample : 01804-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014058.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	38	42	54	rVB	34160	53612	1.08%	0.117%
2	3.875	115	117	133	rBV	102955	201594	4.07%	0.440%
3	4.093	149	154	160	rVB	16796	27488	0.55%	0.060%
4	4.199	166	172	178	rBV	12623	21395	0.43%	0.047%
5	4.305	186	190	194	rVB4	8689	10318	0.21%	0.023%
6	4.634	242	246	253	rVB6	4441	7721	0.16%	0.017%
7	5.140	326	332	337	rVB	8064	13707	0.28%	0.030%
8	6.446	550	554	560	rBV4	8159	11332	0.23%	0.025%
9	7.222	681	686	698	rVB	114304	200647	4.05%	0.438%
10	7.393	709	715	732	rVB	488206	755802	15.26%	1.651%
11	7.599	741	750	761	rBV	467975	769508	15.53%	1.681%
12	8.069	823	830	847	rBV	609794	1006747	20.32%	2.200%
13	8.781	943	951	961	rBV	363118	616223	12.44%	1.346%
14	9.246	1021	1030	1041	rBV	599876	996839	20.12%	2.178%
15	9.375	1044	1052	1069	rVV	135779	282769	5.71%	0.618%
16	9.628	1091	1095	1102	rVB3	6232	11494	0.23%	0.025%
17	9.969	1146	1153	1168	rBV	500766	860071	17.36%	1.879%
18	10.510	1237	1245	1260	rBV	690592	1192313	24.07%	2.605%
19	10.893	1303	1310	1320	rBV	867694	1481424	29.90%	3.237%
20	11.034	1326	1334	1350	rBV	459780	863592	17.43%	1.887%
21	12.128	1515	1520	1525	rVB5	4695	7664	0.15%	0.017%
22	12.475	1574	1579	1586	rBV	11143	22587	0.46%	0.049%
23	12.610	1599	1602	1607	rVB7	3517	5081	0.10%	0.011%
24	12.687	1607	1615	1619	rBV10	2380	4984	0.10%	0.011%
25	14.110	1851	1857	1871	rBV	1509036	2180899	44.02%	4.765%
26	14.222	1871	1876	1883	rVB	4132	7722	0.16%	0.017%
27	14.404	1900	1907	1918	rBV	1582728	2364274	47.72%	5.166%
28	14.710	1952	1959	1968	rBV	1498888	2199554	44.40%	4.806%
29	14.910	1988	1993	2009	rBV	64708	174219	3.52%	0.381%
30	15.122	2024	2029	2040	rVB	10171	23596	0.48%	0.052%
31	15.539	2093	2100	2103	rVB9	2796	6008	0.12%	0.013%
32	15.704	2121	2128	2135	rBV	2327890	3279919	66.20%	7.167%
33	15.816	2141	2147	2164	rBV	877824	1222647	24.68%	2.672%
34	15.945	2164	2169	2173	rVB2	10612	16748	0.34%	0.037%
35	16.063	2184	2189	2198	rBV	98436	145297	2.93%	0.317%
36	16.581	2272	2277	2280	rBV7	3683	5069	0.10%	0.011%

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37	16.628	2283	2285	2289	rVB3	5613	7813	0.16%	0.017%
38	16.845	2319	2322	2330	rBV6	14221	27176	0.55%	0.059%
39	17.145	2368	2373	2379	rVB10	3813	7979	0.16%	0.017%
40	17.251	2387	2391	2396	rBV4	4705	8832	0.18%	0.019%
41	17.351	2406	2408	2416	rVB8	4401	9373	0.19%	0.020%
42	17.463	2421	2427	2438	rBV	1963045	2809137	56.70%	6.138%
43	17.563	2438	2444	2453	rBV	2746344	3957478	79.88%	8.647%
44	18.210	2550	2554	2562	rBV9	15946	30893	0.62%	0.068%
45	18.322	2569	2573	2583	rBV	234200	349190	7.05%	0.763%
46	18.727	2638	2642	2648	rBV	81885	88832	1.79%	0.194%
47	19.145	2709	2713	2720	rBV2	38233	64483	1.30%	0.141%
48	19.363	2746	2750	2755	rBV3	45763	63041	1.27%	0.138%
49	19.433	2757	2762	2770	rBV2	78443	135963	2.74%	0.297%
50	19.551	2778	2782	2790	rBV	93254	153966	3.11%	0.336%
51	19.686	2803	2805	2810	rVB5	20248	20138	0.41%	0.044%
52	19.786	2816	2822	2831	rBV	3796717	4954379	100.00%	10.826%
53	21.216	3061	3065	3074	rBV2	242435	378821	7.65%	0.828%
54	21.545	3115	3121	3130	rBV	2533408	3425309	69.14%	7.484%
55	22.821	3334	3338	3344	rVB	297895	414466	8.37%	0.906%
56	23.915	3516	3524	3535	rBV	2297286	4711514	95.10%	10.295%
57	24.080	3545	3552	3565	rVB2	1474680	3095873	62.49%	6.765%

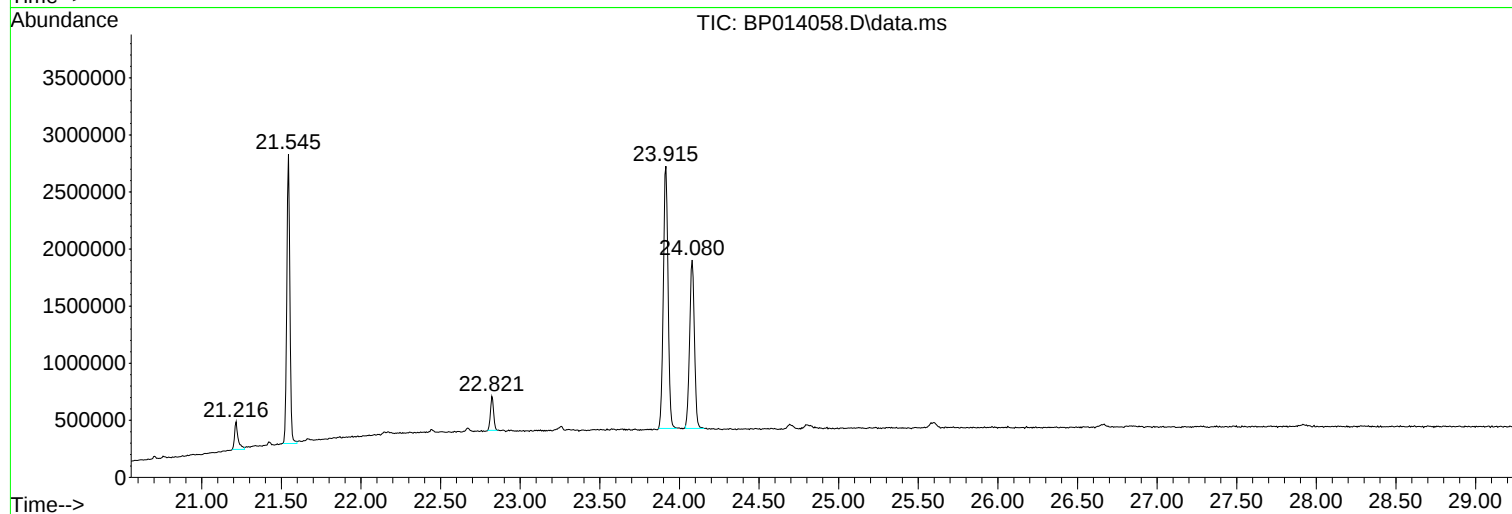
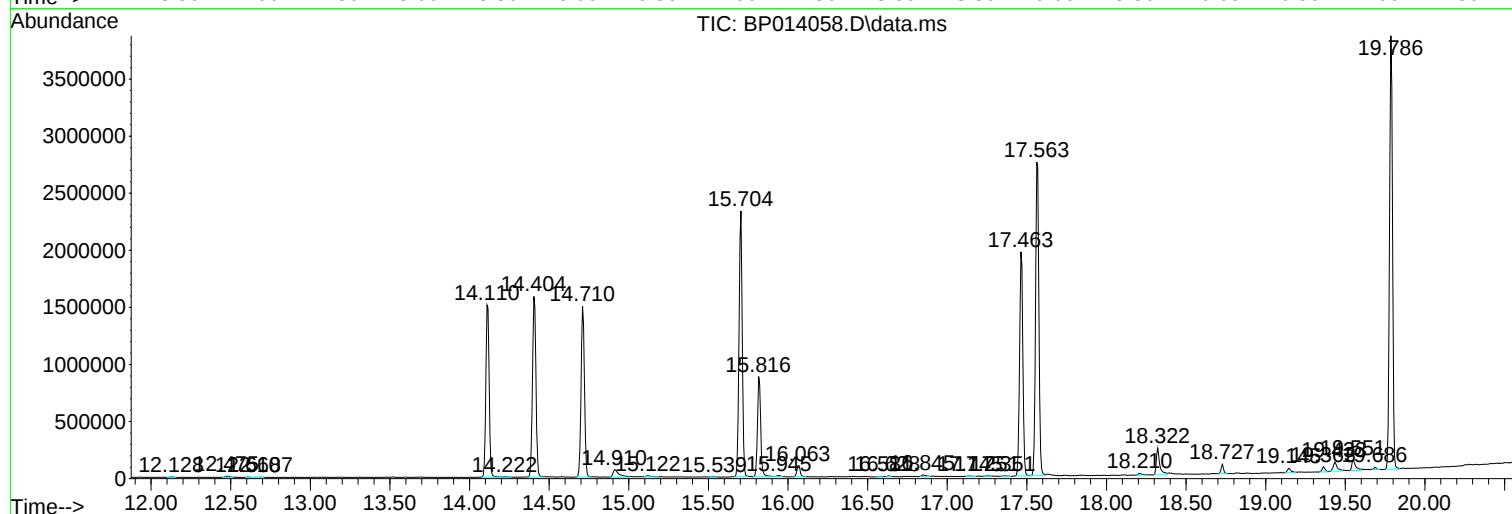
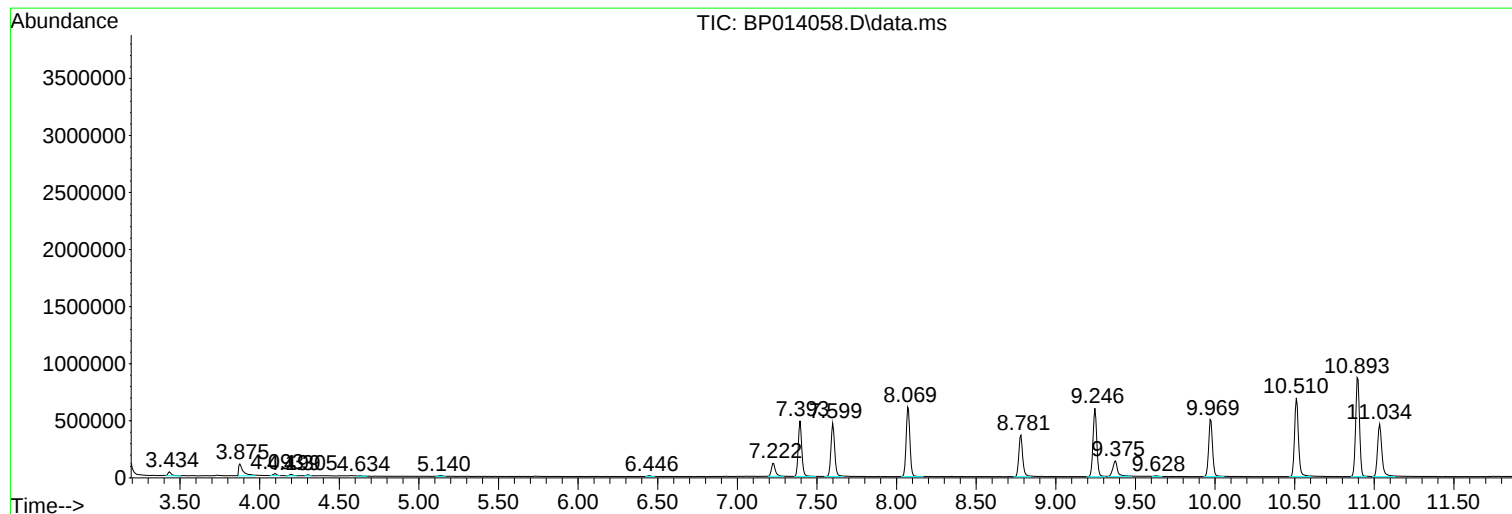
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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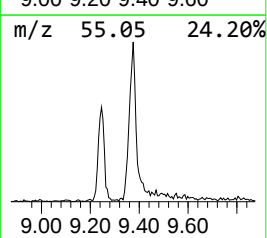
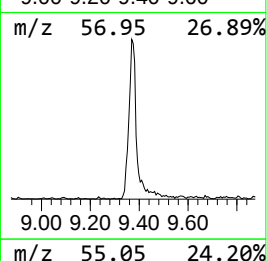
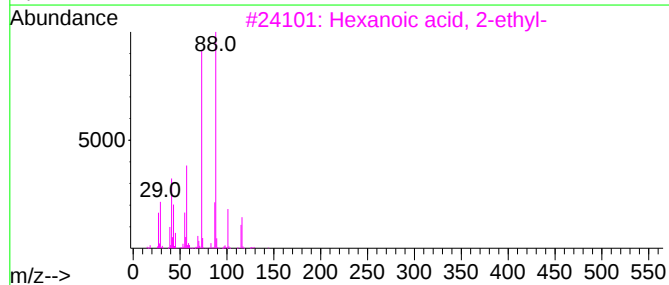
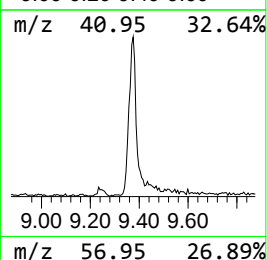
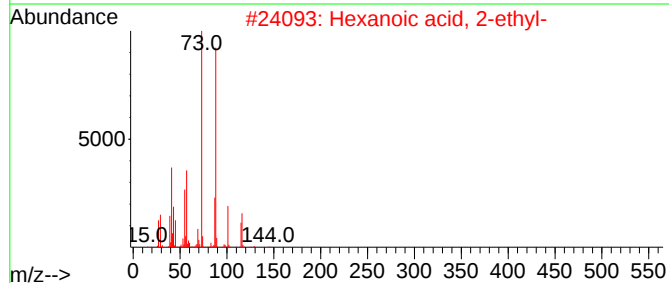
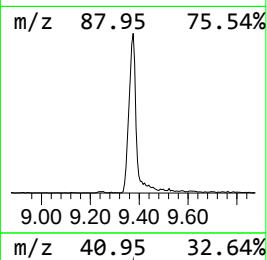
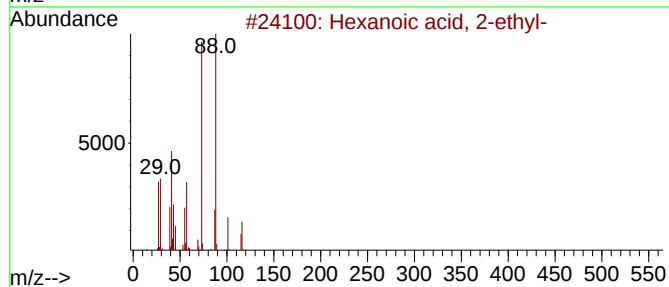
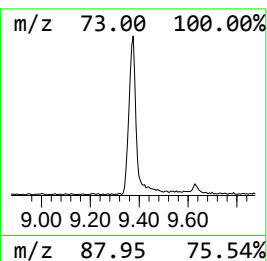
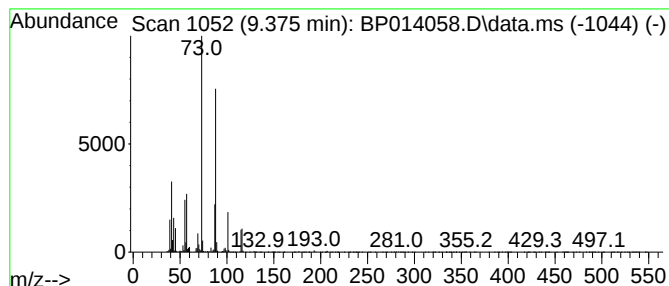
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	5.62 ng/ul	282769	1,4-Dichlorobenzene-d4	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
3			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
4			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
5			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64



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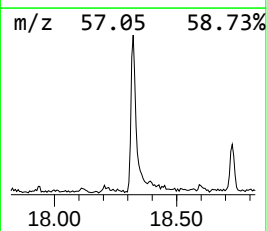
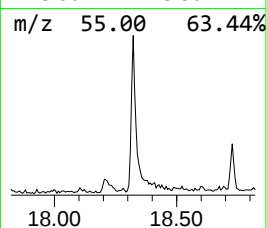
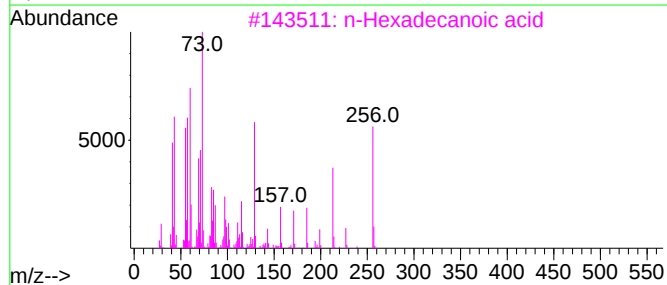
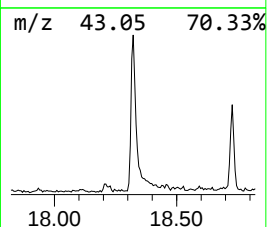
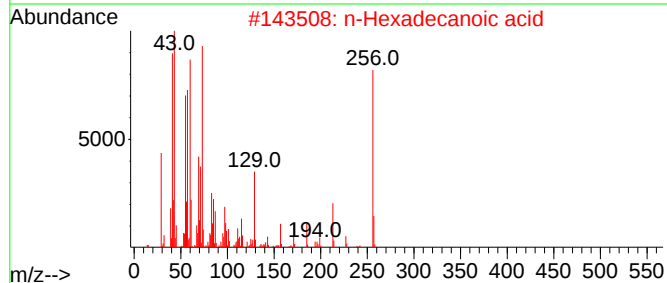
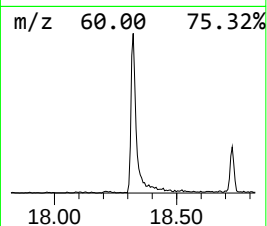
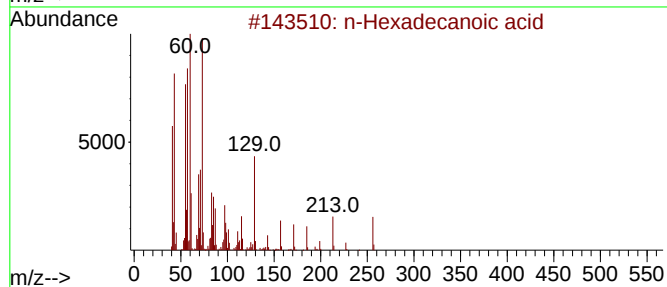
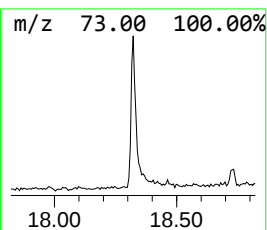
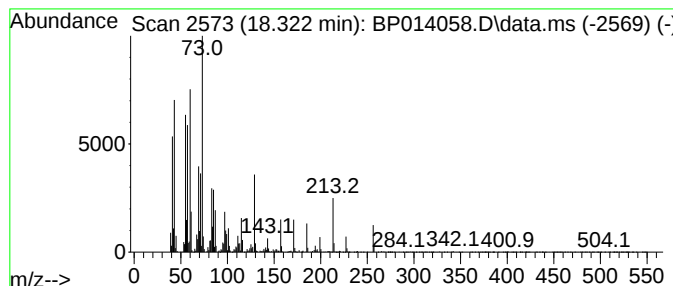
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	2.49 ng/ul	349190	Phenanthrene-d10	17.463

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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			Tridecanoic acid	214	C13H26O2	000638-53-9	94
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	94



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Misc :
ALS Vial : 40 Sample Multiplier: 1

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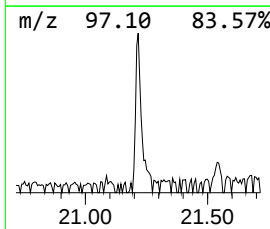
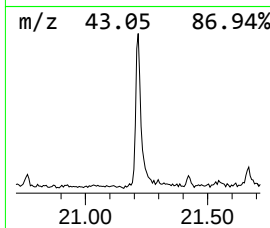
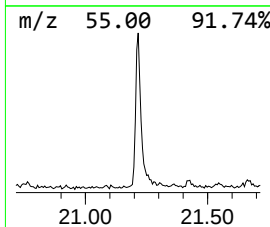
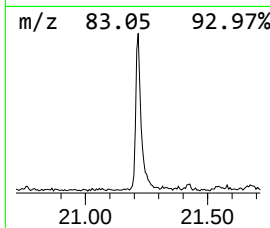
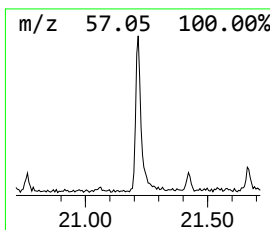
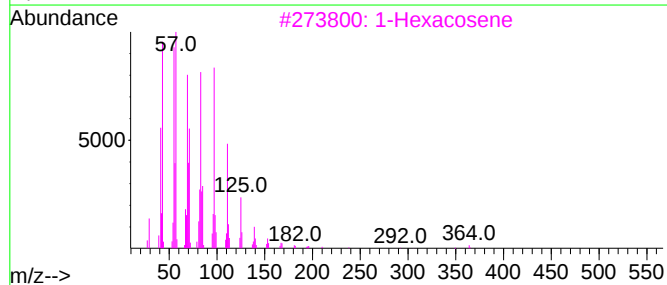
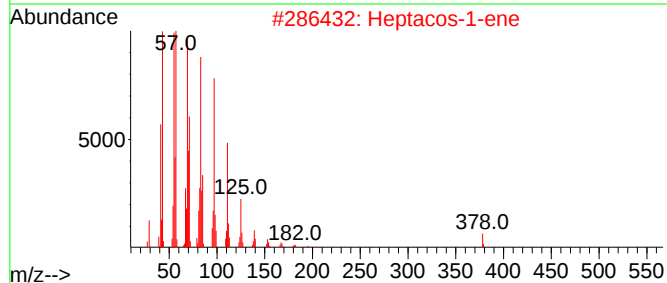
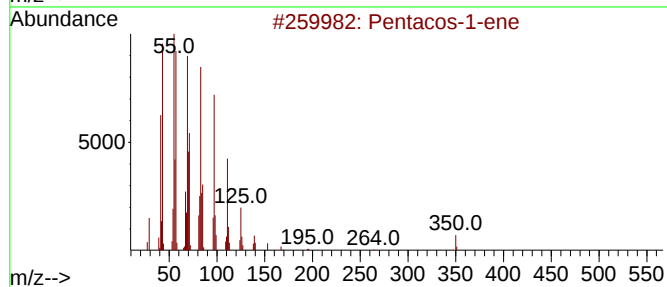
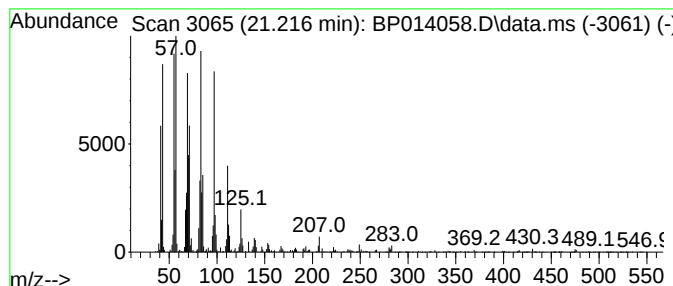
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TIC Library : C:\DATABASE\NIST20.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	2.21 ng/ul	378821	Chrysene-d12	21.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacos-1-ene	350	C25H50	016980-85-1	94
2			Heptacos-1-ene	378	C27H54	015306-27-1	94
3			1-Hexacosene	364	C26H52	018835-33-1	94
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5			9-Eicosene, (E)-	280	C20H40	074685-29-3	93



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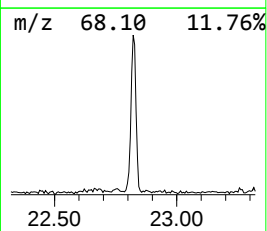
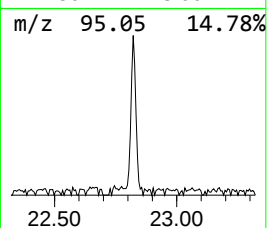
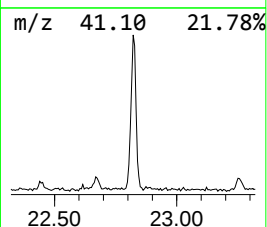
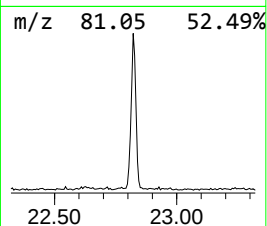
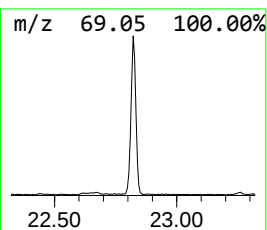
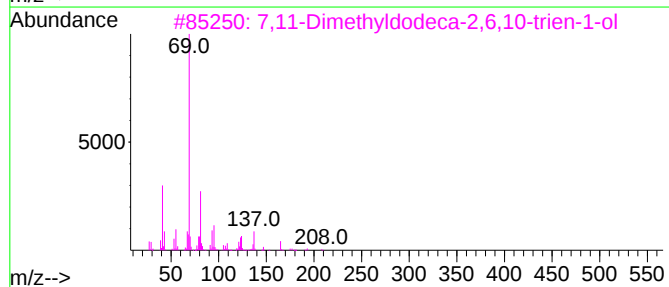
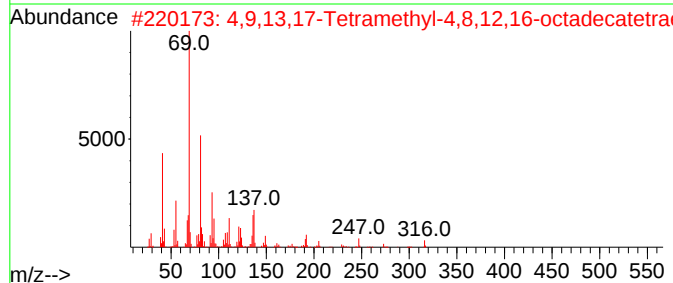
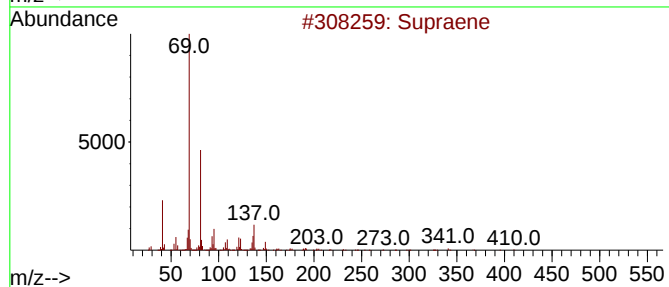
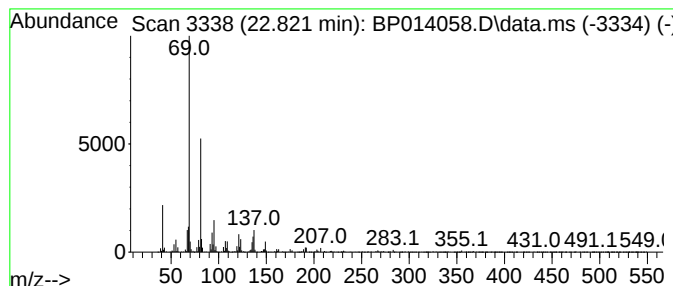
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.821	2.68 ng/ul	414466	Perylene-d12	24.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4			(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	72
5			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64



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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanoic acid, ...	9.375	5.6	ng/ul	282769	1	8.069	1006750	20.0
n-Hexadecanoic ...	18.322	2.5	ng/ul	349190	4	17.463	2809140	20.0
(DEL) Alkane: S...	21.216	2.2	ng/ul	378821	5	21.545	3425310	20.0
Supraene	22.821	2.7	ng/ul	414466	6	24.080	3095870	20.0