

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031998.D
 Acq On : 31 Aug 2021 23:22
 Operator : CG/JU
 Sample : M3517-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

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_M\METHODS\SFAM-EPA-BM082821.M
 Title : SVOA CALIBRATION

Signal : TIC: BM031998.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	4	7	15	rVB2	13856	22379	0.81%	0.101%
2	3.475	64	66	68	rBV3	2718	3052	0.11%	0.014%
3	3.528	72	75	88	rBV	66275	129447	4.67%	0.584%
4	3.675	98	100	103	rVB3	3509	2805	0.10%	0.013%
5	3.716	105	107	112	rVB5	4875	7713	0.28%	0.035%
6	3.811	120	123	127	rVB2	4112	4615	0.17%	0.021%
7	6.640	598	604	608	rVB5	2098	3888	0.14%	0.018%
8	6.705	609	615	622	rBV2	35743	64154	2.32%	0.289%
9	6.863	636	642	652	rBV	231438	378193	13.65%	1.705%
10	7.046	667	673	682	rBV	164452	271283	9.79%	1.223%
11	7.504	744	751	760	rBV	240541	381227	13.76%	1.719%
12	7.581	760	764	768	rVB4	3625	5096	0.18%	0.023%
13	8.216	866	872	882	rBV	108490	182731	6.60%	0.824%
14	8.657	939	947	956	rBV	329491	558366	20.16%	2.518%
15	9.046	1008	1013	1018	rBV2	7304	9942	0.36%	0.045%
16	9.363	1060	1067	1080	rBV	206887	340641	12.30%	1.536%
17	9.898	1151	1158	1173	rBV	266550	492002	17.76%	2.218%
18	10.098	1186	1192	1206	rBV4	8352	22516	0.81%	0.102%
19	10.257	1210	1219	1228	rBV	350883	582676	21.04%	2.627%
20	10.416	1240	1246	1267	rBV	200291	387039	13.97%	1.745%
21	11.098	1356	1362	1368	rBV8	3738	7066	0.26%	0.032%
22	11.522	1430	1434	1439	rBV3	4619	6825	0.25%	0.031%
23	11.863	1488	1492	1498	rVB3	4845	8579	0.31%	0.039%
24	13.045	1689	1693	1696	rBV3	3000	3083	0.11%	0.014%
25	13.569	1776	1782	1794	rBV	880557	1260805	45.52%	5.685%
26	13.833	1820	1827	1842	rBV	998361	1460993	52.75%	6.588%
27	14.145	1873	1880	1889	rBV	619311	885699	31.98%	3.994%
28	14.410	1920	1925	1940	rBV4	15228	46717	1.69%	0.211%
29	14.916	2008	2011	2015	rVB3	4583	5983	0.22%	0.027%
30	14.963	2015	2019	2023	rBV4	2630	3543	0.13%	0.016%
31	15.145	2043	2050	2058	rBV	1352306	1933755	69.81%	8.720%
32	15.216	2059	2062	2069	rVV4	5090	9901	0.36%	0.045%
33	15.292	2069	2075	2088	rVV	256627	368833	13.32%	1.663%
34	15.392	2088	2092	2097	rVB6	8223	12089	0.44%	0.055%
35	15.892	2172	2177	2182	rVB4	4141	7178	0.26%	0.032%
36	15.939	2182	2185	2190	rBV4	1660	2982	0.11%	0.013%

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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 >
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37	16.463	2270	2274	2277	rBV3	1926	2775	0.10%	0.013%
38	16.686	2308	2312	2315	rBV4	4761	7259	0.26%	0.033%
39	16.898	2342	2348	2356	rBV	771649	1092329	39.44%	4.925%
40	16.998	2359	2365	2379	rVV	1560740	2192247	79.15%	9.885%
41	17.145	2388	2390	2394	rVB3	4566	5338	0.19%	0.024%
42	17.210	2397	2401	2404	rVB3	3954	5722	0.21%	0.026%
43	17.274	2409	2412	2416	rBV3	6045	9436	0.34%	0.043%
44	17.586	2461	2465	2471	rVB7	3550	7273	0.26%	0.033%
45	17.816	2499	2504	2509	rBV2	87520	117794	4.25%	0.531%
46	17.880	2510	2515	2521	rVB2	107969	151102	5.46%	0.681%
47	18.304	2582	2587	2588	rBV4	5098	6209	0.22%	0.028%
48	18.504	2617	2621	2625	rBV2	10854	15831	0.57%	0.071%
49	18.868	2679	2683	2688	rVB6	14302	19952	0.72%	0.090%
50	18.939	2692	2695	2700	rVV	16140	19967	0.72%	0.090%
51	19.110	2719	2724	2730	rBV2	58003	81471	2.94%	0.367%
52	19.204	2736	2740	2744	rVB6	9895	14694	0.53%	0.066%
53	19.304	2751	2757	2769	rBV	2015270	2702782	97.58%	12.187%
54	19.398	2770	2773	2780	rVB3	17666	24899	0.90%	0.112%
55	19.551	2797	2799	2800	rBV2	3634	3267	0.12%	0.015%
56	19.580	2801	2804	2810	rVV	28928	41920	1.51%	0.189%
57	19.745	2830	2832	2836	rBV5	6878	6886	0.25%	0.031%
58	20.839	3014	3018	3027	rBV	95881	172736	6.24%	0.779%
59	21.109	3058	3064	3074	rBV	996229	1318583	47.60%	5.946%
60	22.209	3249	3251	3255	rVB3	63174	63538	2.29%	0.287%
61	22.615	3317	3320	3324	rVB2	59782	71850	2.59%	0.324%
62	23.109	3398	3404	3420	rVB2	1511429	2769887	100.00%	12.490%
63	23.245	3421	3427	3435	rVB2	682960	1213755	43.82%	5.473%
64	23.745	3509	3512	3519	rVB	98298	163969	5.92%	0.739%

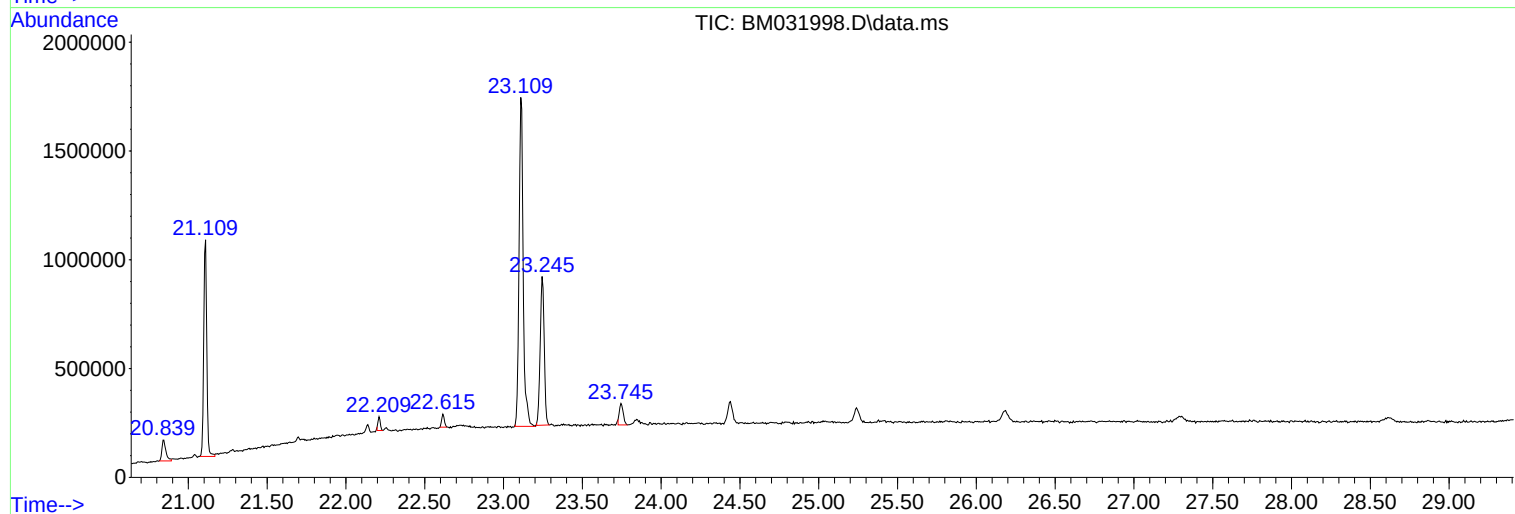
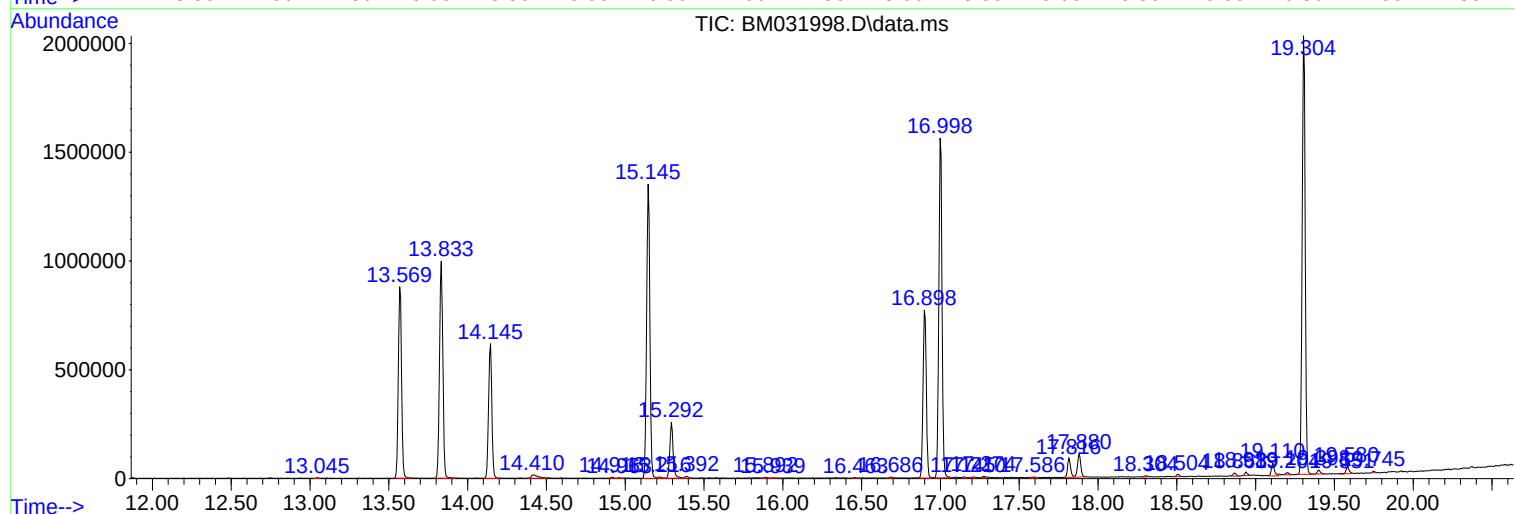
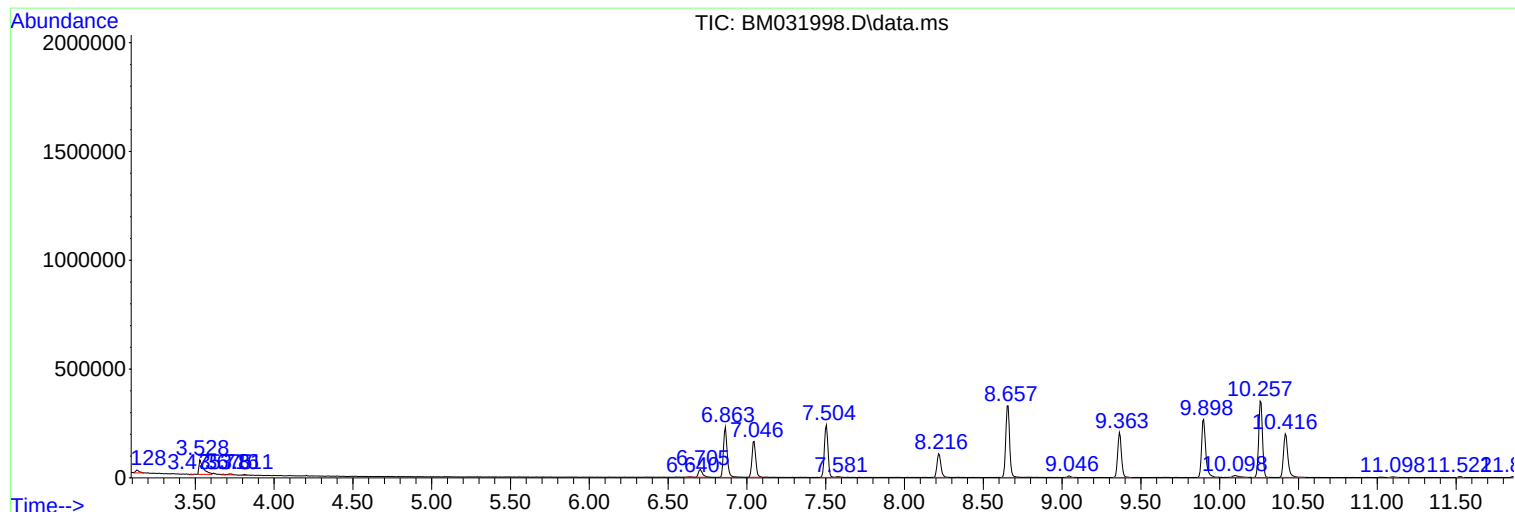
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Quant Title : SVOA CALIBRATION

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



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Instrument :
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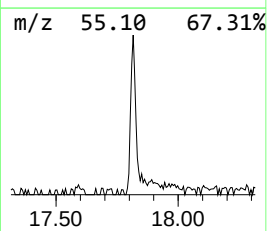
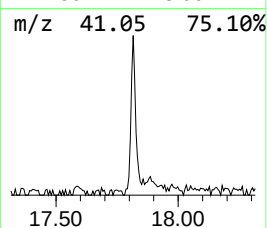
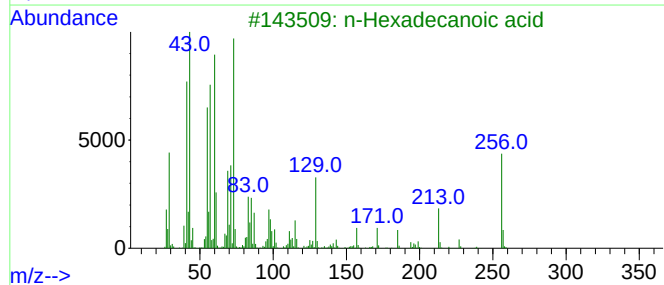
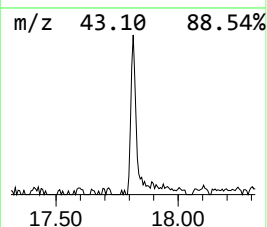
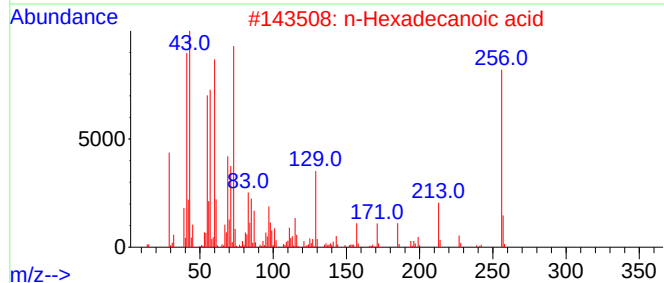
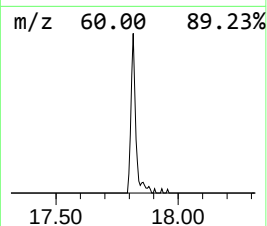
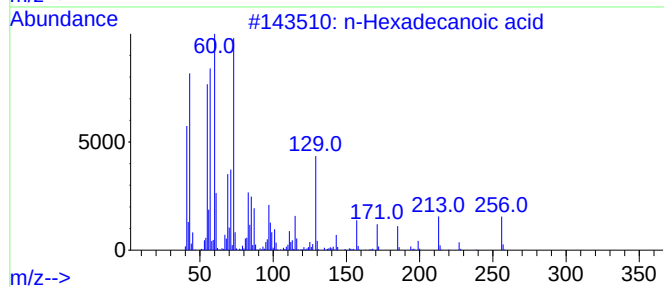
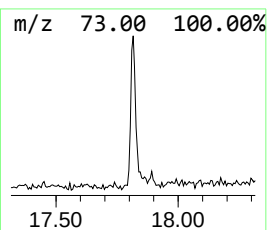
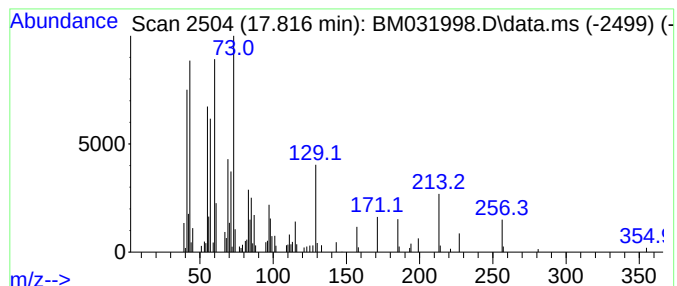
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.816	2.16 ng/ul	117794	Phenanthrene-d10	16.898

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	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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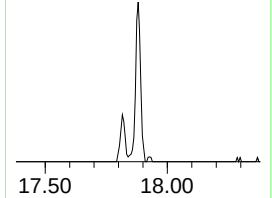
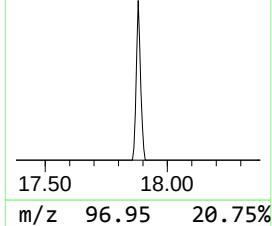
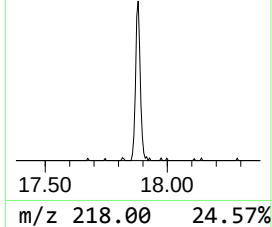
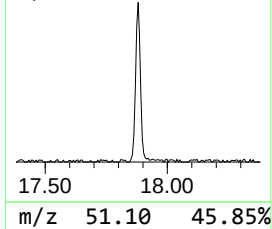
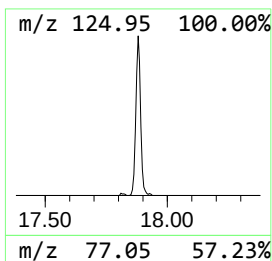
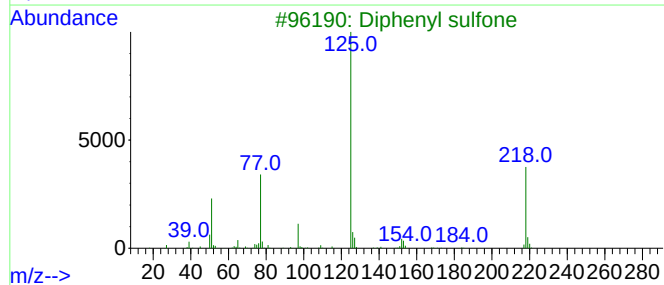
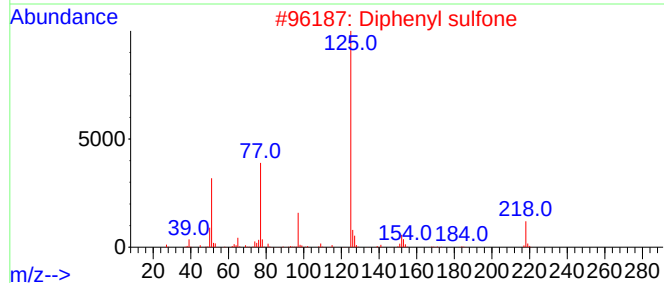
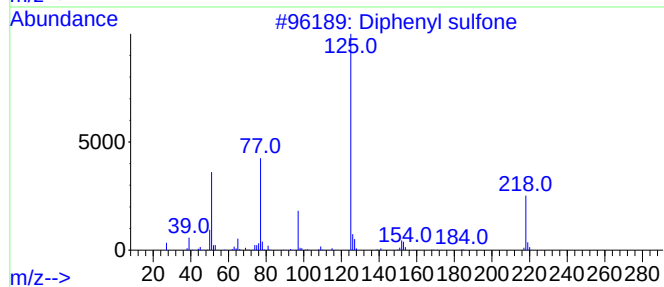
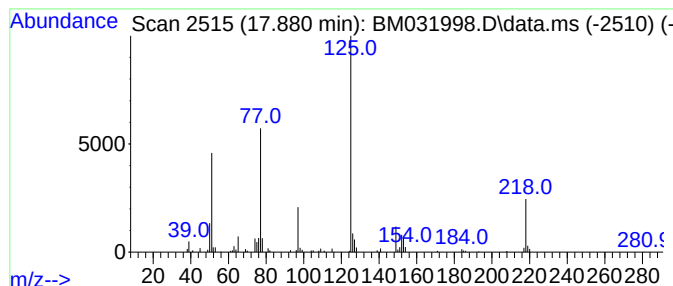
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Diphenyl sulfone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	2.77 ng/ul	151102	Phenanthrene-d10	16.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenyl sulfone	218	C12H10O2S	000127-63-9	97
2			Diphenyl sulfone	218	C12H10O2S	000127-63-9	96
3			Diphenyl sulfone	218	C12H10O2S	000127-63-9	93
4			Diphenyl sulfone	218	C12H10O2S	000127-63-9	91
5			2-Propenenitrile, 3-(phenylsulfo...	193	C9H7N02S	001424-51-7	59



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ALS Vial : 13 Sample Multiplier: 1

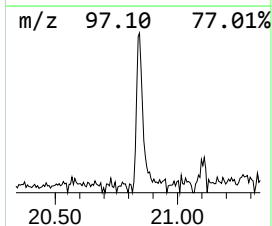
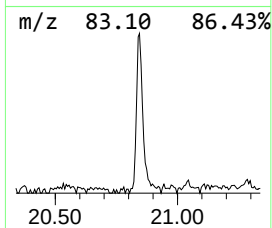
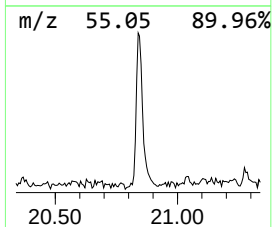
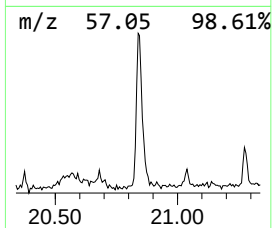
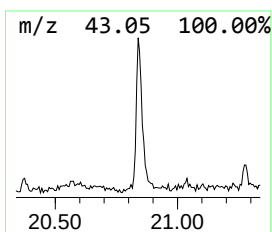
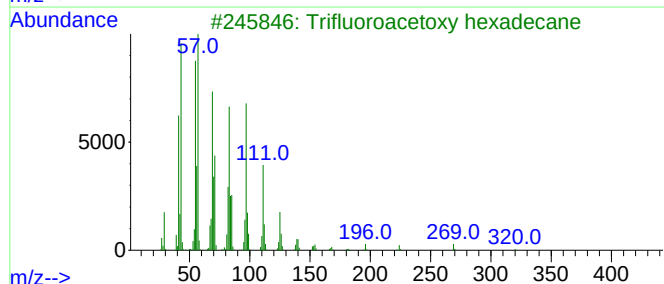
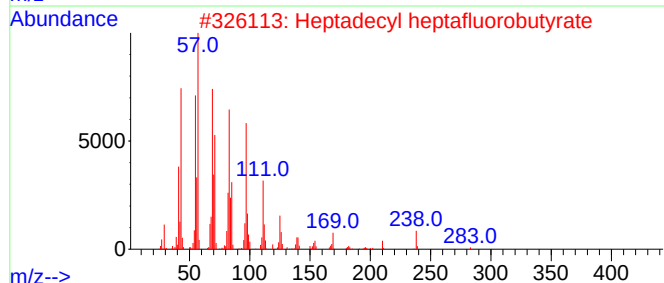
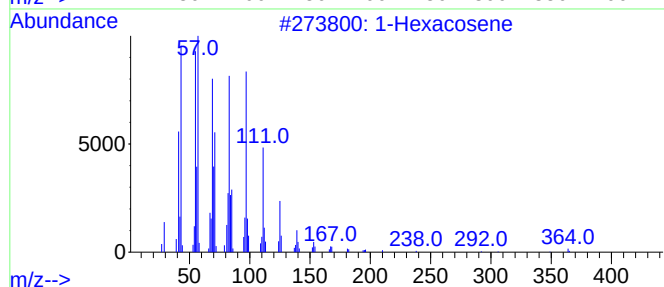
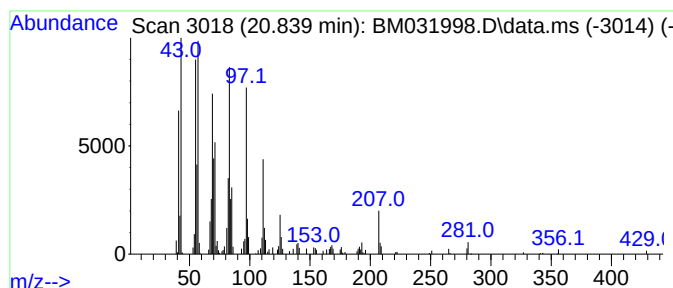
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.839	2.62 ng/ul	172736	Chrysene-d12		21.110	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexacosene		364	C26H52	018835-33-1	94
2	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94
3	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94
4	Heptafluorobutyric acid, pentade...		424	C19H31F7O2	959261-23-5	94
5	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94



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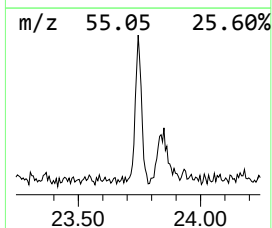
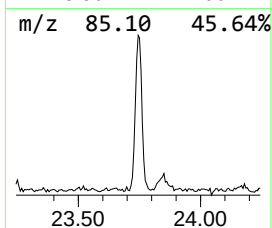
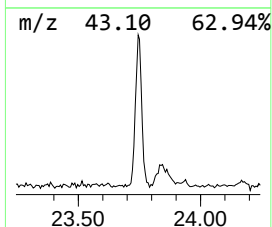
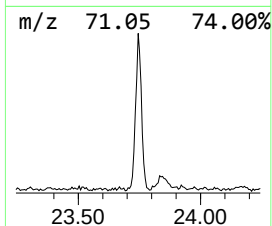
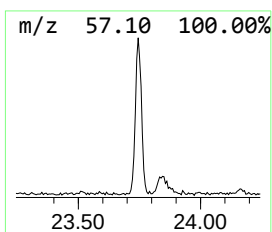
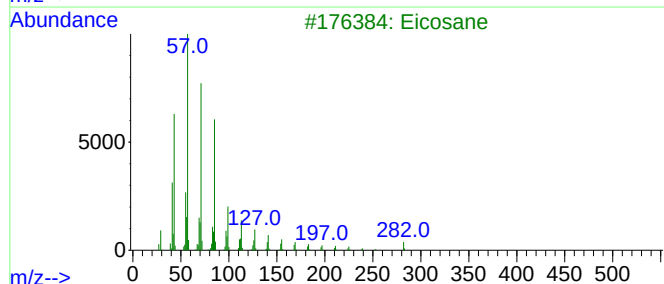
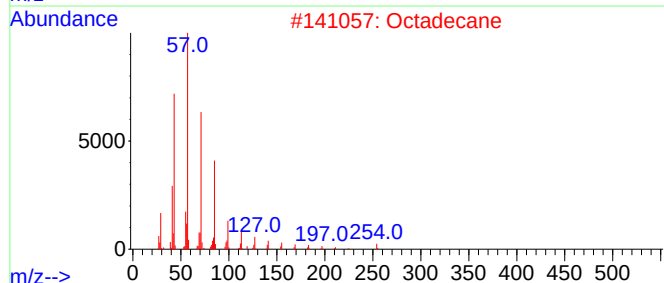
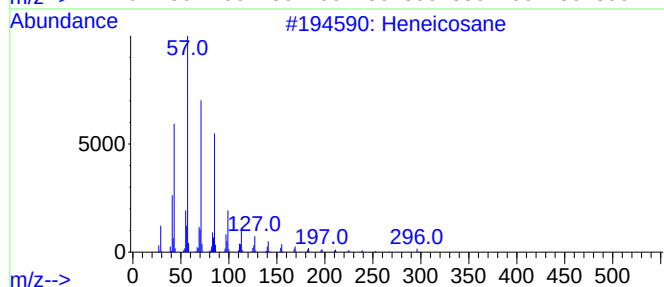
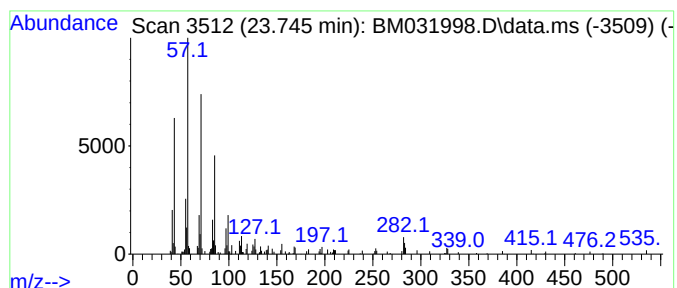
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.745	2.70 ng/ul	163969	Perylene-d12		23.245	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	98
2	Octadecane		254	C18H38	000593-45-3	95
3	Eicosane		282	C20H42	000112-95-8	95
4	Octadecane		254	C18H38	000593-45-3	91
5	Tetratetracontane		619	C44H90	007098-22-8	90



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.816	2.2	ng/ul	117794	4	16.898	1092330	20.0
Diphenyl sulfone	17.880	2.8	ng/ul	151102	4	16.898	1092330	20.0
(DEL) Alkane: S...	20.839	2.6	ng/ul	172736	5	21.110	1318580	20.0
(DEL) Alkane: S...	23.745	2.7	ng/ul	163969	6	23.245	1213760	20.0