

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
 Data File : BG058067.D
 Acq On : 7 Jul 2023 9:19
 Operator : CG/JU
 Sample : PB153639BL
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK639

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_G\Methods\SFAM-EPA-BG070123.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG058067.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.355	41	45	51	rVB	16350	22408	1.17%	0.127%
2	3.761	109	114	126	rBV	210840	336573	17.51%	1.909%
3	4.102	169	172	177	rVB6	3183	4560	0.24%	0.026%
4	7.080	672	679	691	rBV	203675	339284	17.65%	1.924%
5	7.245	700	707	716	rBV	165834	273145	14.21%	1.549%
6	7.451	735	742	753	rBV	194748	328575	17.09%	1.864%
7	7.921	814	822	830	rBV	144503	245969	12.79%	1.395%
8	8.620	935	941	960	rBV	238217	427558	22.24%	2.425%
9	9.078	1011	1019	1029	rBV	199276	350937	18.25%	1.990%
10	9.801	1134	1142	1150	rBV	157328	273900	14.25%	1.554%
11	10.341	1227	1234	1246	rBV	227816	411027	21.38%	2.331%
12	10.723	1291	1299	1307	rBV	224319	391487	20.36%	2.220%
13	10.858	1313	1322	1335	rBV	261961	466719	24.27%	2.647%
14	12.310	1564	1569	1575	rVB2	3358	5160	0.27%	0.029%
15	13.444	1758	1762	1771	rBV3	3763	6638	0.35%	0.038%
16	13.961	1843	1850	1861	rBV	556252	783502	40.75%	4.444%
17	14.254	1892	1900	1911	rBV	550531	888438	46.21%	5.039%
18	14.554	1945	1951	1961	rBV	370758	594946	30.94%	3.374%
19	14.754	1979	1985	2009	rBV	209071	404281	21.03%	2.293%
20	15.547	2113	2120	2134	rBV	762678	1170036	60.86%	6.636%
21	15.665	2134	2140	2150	rVB	261668	385024	20.03%	2.184%
22	15.788	2157	2161	2163	rBV2	2189	2438	0.13%	0.014%
23	17.298	2412	2418	2429	rBV	559668	853184	44.38%	4.839%
24	17.398	2429	2435	2452	rVB	912475	1405483	73.10%	7.972%
25	18.185	2566	2569	2574	rBV4	2351	3754	0.20%	0.021%
26	18.479	2615	2619	2622	rBV4	2882	4217	0.22%	0.024%
27	19.108	2724	2726	2731	rVB3	2082	2444	0.13%	0.014%
28	19.254	2745	2751	2755	rBV4	13432	18896	0.98%	0.107%
29	19.325	2758	2763	2768	rBV	10948	16026	0.83%	0.091%
30	19.607	2806	2811	2816	rBV	202998	242003	12.59%	1.373%
31	19.689	2819	2825	2837	rVV	1247949	1786722	92.93%	10.134%
32	20.018	2877	2881	2884	rBV3	4053	4755	0.25%	0.027%
33	20.212	2911	2914	2918	rVV4	6667	8466	0.44%	0.048%
34	20.447	2950	2954	2955	rBV4	2279	2822	0.15%	0.016%
35	20.647	2983	2988	2993	rBV	166234	186217	9.69%	1.056%
36	20.706	2995	2998	3001	rVV	21702	23899	1.24%	0.136%

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37	20.741	3001	3004	3010	rVB4	10575	13855	0.72%	0.079%
38	21.052	3054	3057	3060	rBV3	4850	6548	0.34%	0.037%
39	21.205	3079	3083	3088	rBV2	21123	26526	1.38%	0.150%
40	21.281	3092	3096	3101	rBV2	8084	11369	0.59%	0.064%
41	21.440	3120	3123	3127	rVB6	4616	8273	0.43%	0.047%
42	21.552	3136	3142	3154	rVB	561644	962739	50.07%	5.461%
43	21.734	3169	3173	3181	rVB	33739	49779	2.59%	0.282%
44	22.333	3270	3275	3281	rVB	39926	59842	3.11%	0.339%
45	23.009	3383	3390	3397	rVB	47079	90066	4.68%	0.511%
46	23.344	3445	3447	3450	rBV4	2716	3312	0.17%	0.019%
47	23.790	3516	3523	3531	rVB2	51850	111194	5.78%	0.631%
48	24.125	3578	3580	3585	rBV6	2884	4079	0.21%	0.023%
49	24.495	3630	3643	3661	rBV3	689918	1922641	100.00%	10.905%
50	24.713	3668	3680	3695	rBV	427391	1225679	63.75%	6.952%
51	25.823	3860	3869	3879	rVB3	51911	148318	7.71%	0.841%
52	26.887	4048	4050	4053	rBV3	3104	2411	0.13%	0.014%
53	27.139	4082	4093	4105	rVB3	46562	154951	8.06%	0.879%
54	28.726	4357	4363	4378	rVB4	28750	112710	5.86%	0.639%
55	29.401	4476	4478	4479	rBV	4012	2203	0.11%	0.012%
56	30.659	4682	4692	4693	rBV3	17324	42914	2.23%	0.243%

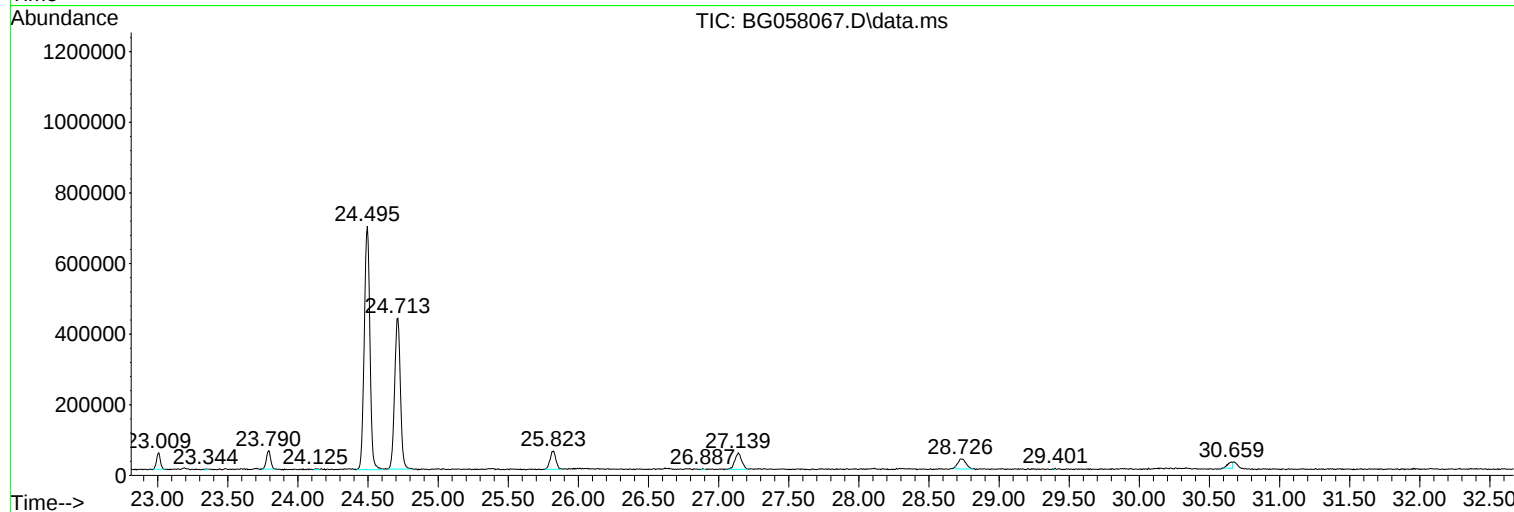
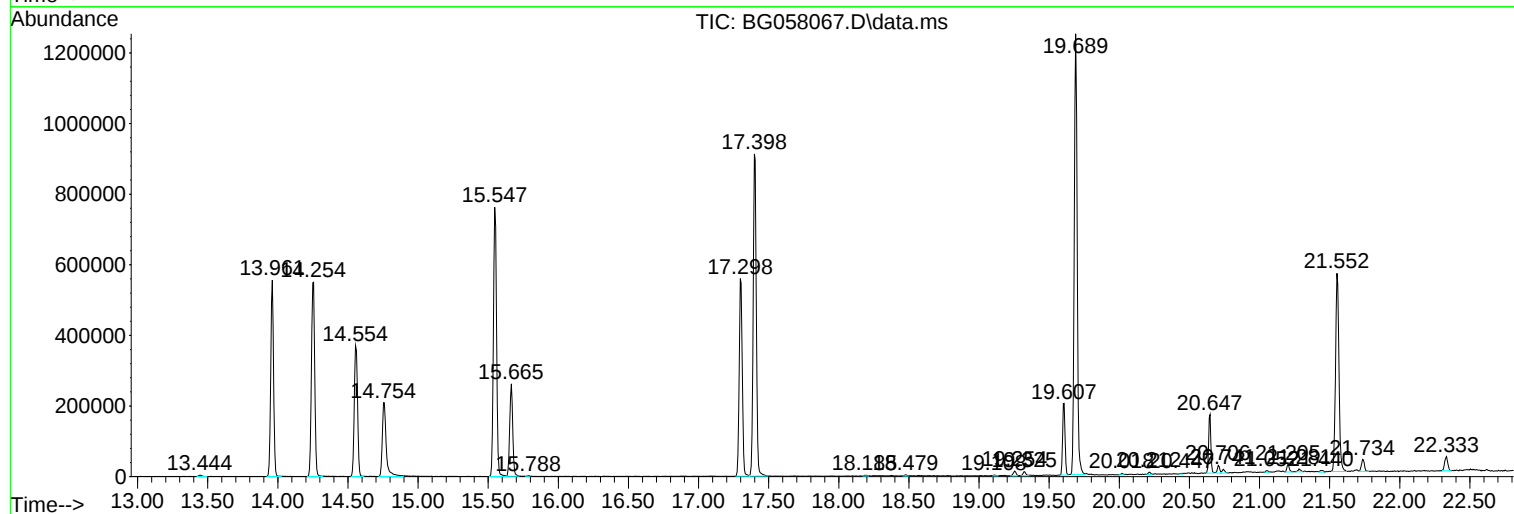
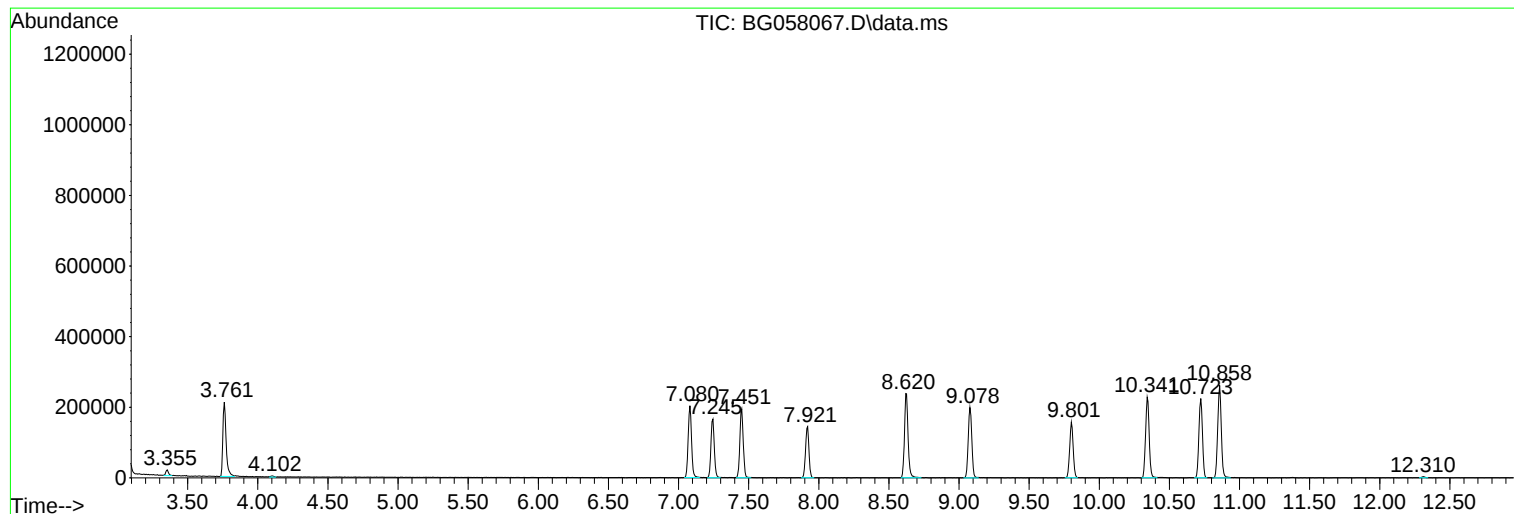
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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



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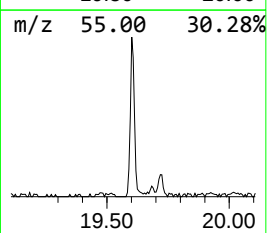
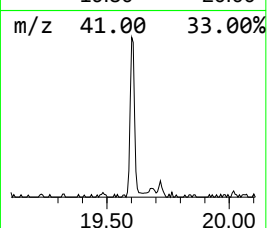
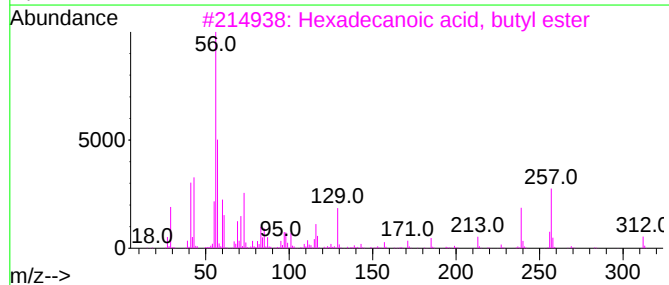
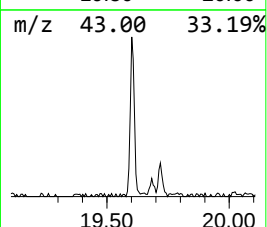
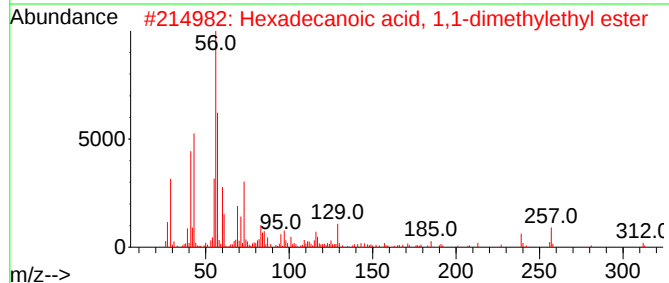
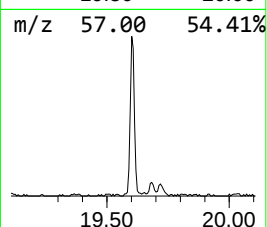
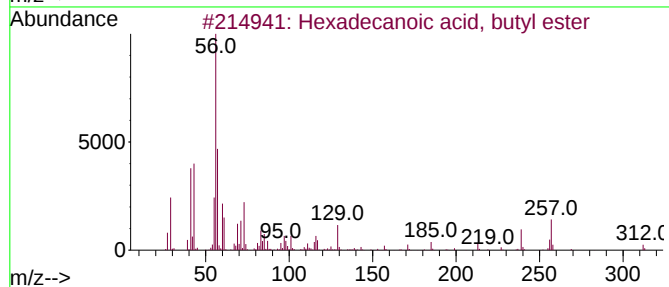
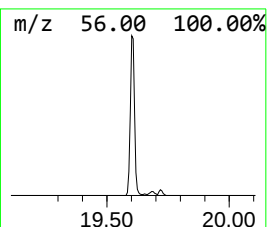
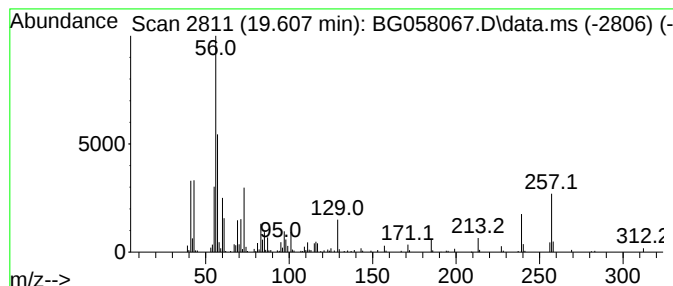
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.607	5.03 ng/ul	242003	Chrysene-d12	21.552

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
2			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
3			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	90
5			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	72



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ALS Vial : 55 Sample Multiplier: 1

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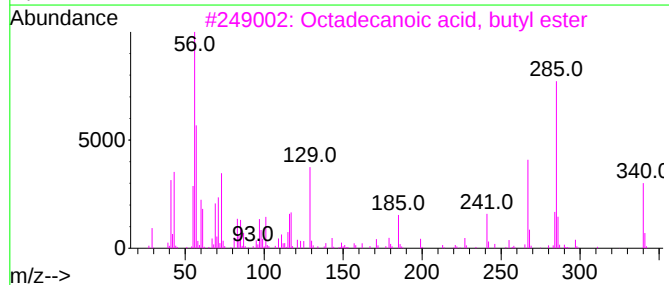
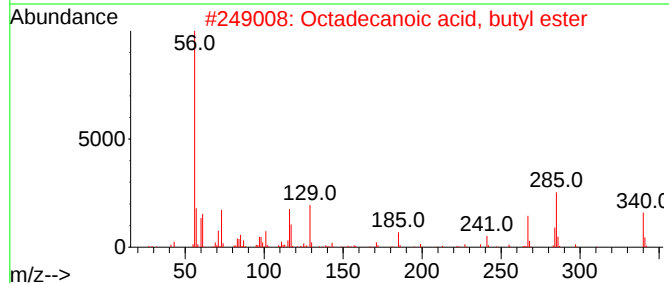
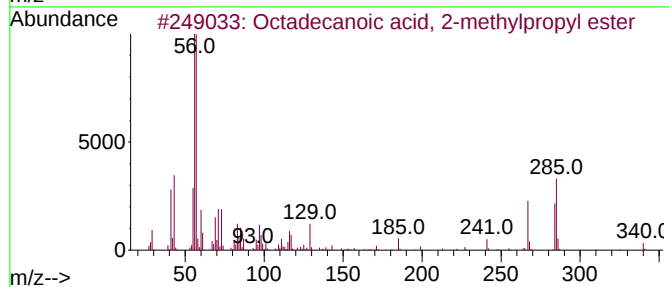
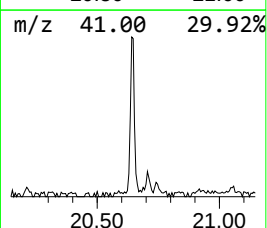
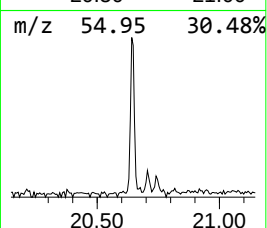
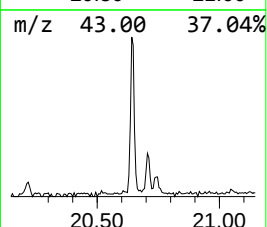
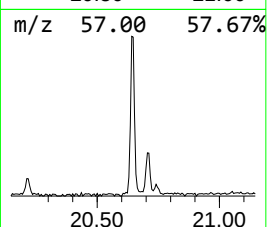
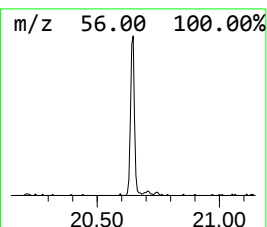
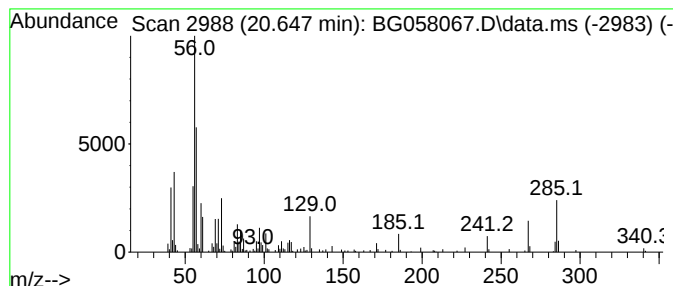
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid, 2-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.647	3.87 ng/ul	186217	Chrysene-d12	21.552

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	90
2			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	80
3			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
4			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
5			Butyl myristate	284	C18H36O2	000110-36-1	64



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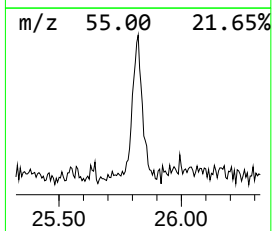
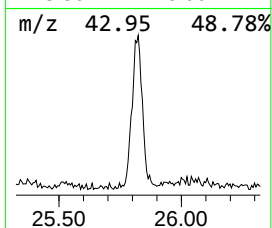
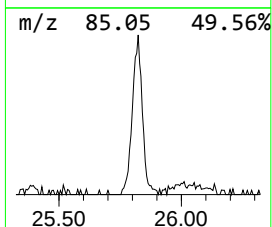
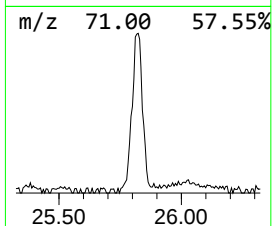
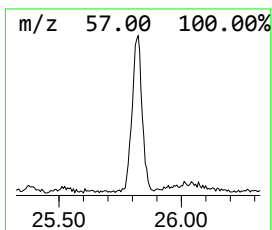
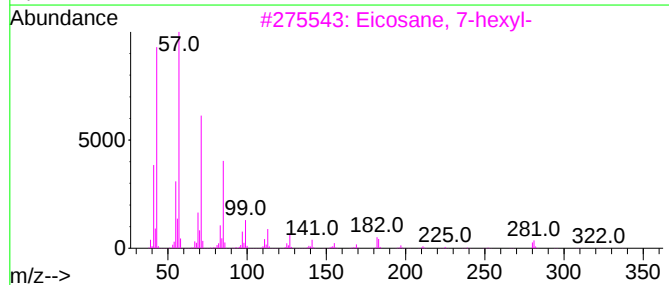
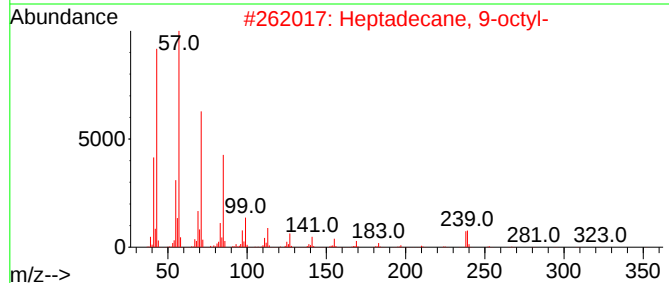
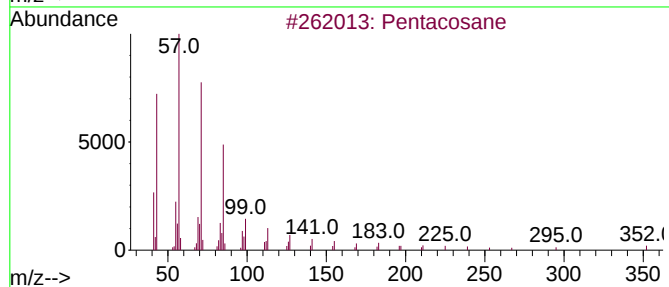
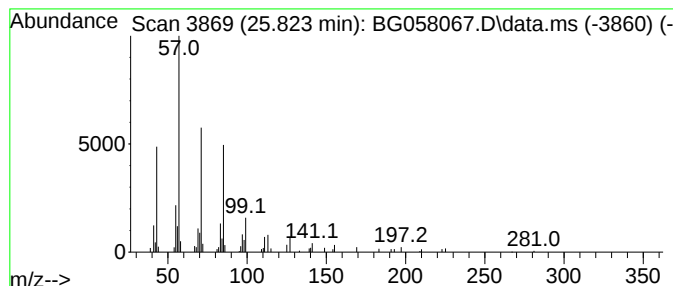
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.823	2.42 ng/ul	148318	Perylene-d12	24.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	91
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4			Pentadecane	212	C15H32	000629-62-9	87
5			Heneicosane	296	C21H44	000629-94-7	87



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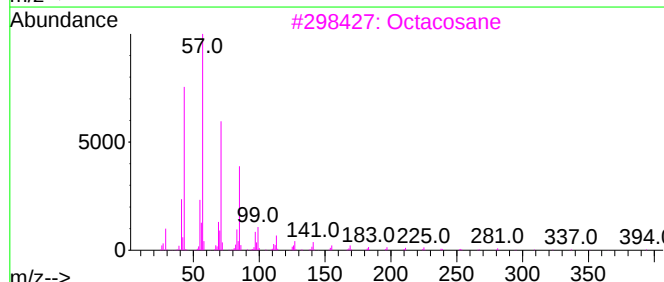
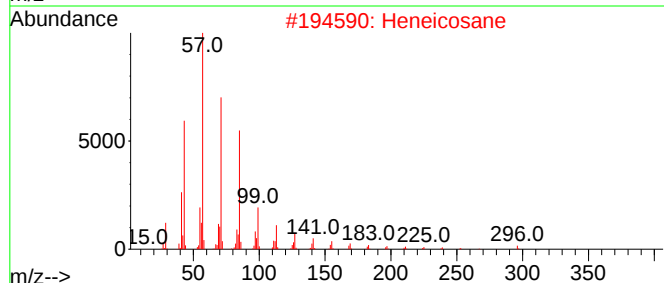
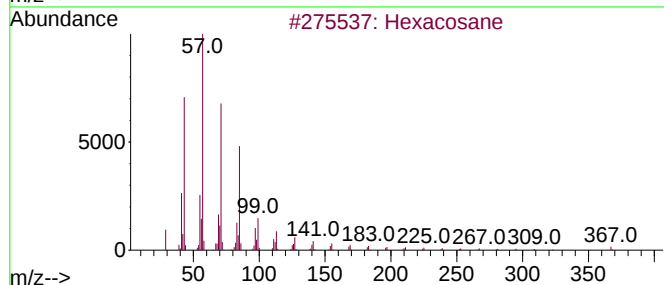
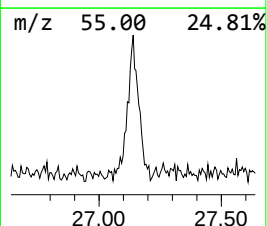
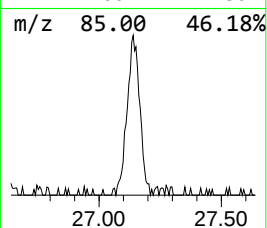
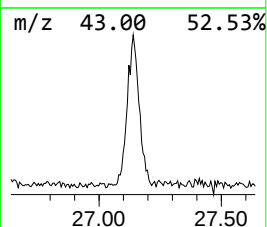
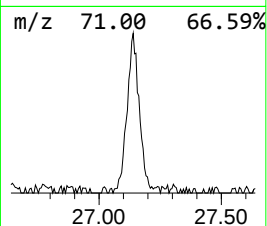
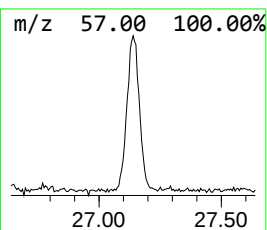
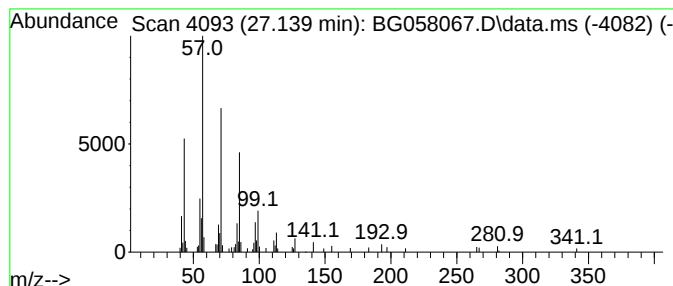
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.139	2.53 ng/ul	154951	Perylene-d12	24.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	87
2			Heneicosane	296	C21H44	000629-94-7	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5			Tetratetracontane	619	C44H90	007098-22-8	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic ac...	19.607	5.0	ng/ul	242003	5	21.552	962739	20.0
Octadecanoic ac...	20.647	3.9	ng/ul	186217	5	21.552	962739	20.0
(DEL) Alkane: S...	25.823	2.4	ng/ul	148318	6	24.707	1225680	20.0
(DEL) Alkane: S...	27.139	2.5	ng/ul	154951	6	24.707	1225680	20.0