

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059150.D
 Acq On : 21 Sep 2023 22:08
 Operator : MA/JU
 Sample : 04386-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC0

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-BG091923.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059150.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.040	107	111	121	rVV	54633	91387	1.66%	0.235%
2	4.251	143	147	151	rVB2	12128	15978	0.29%	0.041%
3	4.586	199	204	208	rVB2	15760	20992	0.38%	0.054%
4	5.003	271	275	280	rVB3	9333	13135	0.24%	0.034%
5	5.309	322	327	335	rBV2	8541	14633	0.27%	0.038%
6	7.412	677	685	687	rBV	88886	162522	2.94%	0.418%
7	7.442	687	690	696	rVB	80152	122036	2.21%	0.314%
8	7.612	711	719	727	rBV	92106	149366	2.71%	0.384%
9	7.806	744	752	764	rBV	98782	171317	3.10%	0.440%
10	8.294	829	835	844	rBV	99347	164930	2.99%	0.424%
11	8.975	945	951	960	rBV2	84312	139426	2.53%	0.358%
12	9.140	972	979	986	rBV	22236	41981	0.76%	0.108%
13	9.492	1028	1039	1046	rBV2	103878	223392	4.05%	0.574%
14	9.569	1046	1052	1063	rVB5	10295	23689	0.43%	0.061%
15	10.209	1154	1161	1170	rVB2	84595	152002	2.75%	0.391%
16	10.309	1170	1178	1184	rBV3	19438	42002	0.76%	0.108%
17	10.732	1243	1250	1258	rVB2	126328	218072	3.95%	0.560%
18	11.137	1312	1319	1327	rBV	154500	276370	5.01%	0.710%
19	11.278	1337	1343	1350	rBV3	11078	24118	0.44%	0.062%
20	12.806	1592	1603	1609	rBV	255777	413153	7.48%	1.061%
21	13.746	1758	1763	1771	rVV3	13980	23555	0.43%	0.061%
22	14.316	1854	1860	1868	rVB	241580	340385	6.17%	0.875%
23	14.628	1906	1913	1919	rVB	277278	435461	7.89%	1.119%
24	14.921	1957	1963	1971	rVB	240199	371007	6.72%	0.953%
25	15.092	1986	1992	2002	rVB2	67594	106501	1.93%	0.274%
26	15.268	2016	2022	2029	rBV7	9174	16619	0.30%	0.043%
27	15.908	2125	2131	2138	rBV	352717	550184	9.97%	1.414%
28	16.014	2143	2149	2156	rVB	98406	143491	2.60%	0.369%
29	16.995	2311	2316	2320	rBV4	6985	11250	0.20%	0.029%
30	17.489	2396	2400	2406	rVV2	37305	56403	1.02%	0.145%
31	17.554	2406	2411	2416	rVB6	9933	18583	0.34%	0.048%
32	17.671	2426	2431	2437	rVV	305240	458061	8.30%	1.177%
33	17.771	2442	2448	2462	rVB2	325837	491860	8.91%	1.264%
34	18.382	2546	2552	2557	rBV2	31642	56934	1.03%	0.146%
35	18.435	2557	2561	2566	rVV3	29296	45929	0.83%	0.118%
36	18.494	2566	2571	2585	rVV	304986	442864	8.02%	1.138%

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37	18.787	2619	2621	2626	rVB5	8656	13218	0.24%	0.034%
38	18.917	2640	2643	2648	rVB6	7374	11524	0.21%	0.030%
39	19.046	2661	2665	2668	rBV4	6505	12204	0.22%	0.031%
40	19.340	2711	2715	2720	rBV6	23233	42820	0.78%	0.110%

41	19.393	2720	2724	2729	rVB3	43894	58411	1.06%	0.150%
42	19.616	2756	2762	2764	rBV5	76565	104781	1.90%	0.269%
43	19.639	2764	2766	2768	rVV2	66192	74791	1.35%	0.192%
44	19.663	2768	2770	2775	rVB4	58128	71212	1.29%	0.183%
45	19.751	2782	2785	2789	rBV2	76738	96320	1.74%	0.247%

46	19.962	2818	2821	2826	rVV5	17381	26528	0.48%	0.068%
47	20.045	2829	2835	2845	rVB	454287	675417	12.23%	1.735%
48	20.262	2868	2872	2882	rBV	77319	117119	2.12%	0.301%
49	20.491	2905	2911	2918	rVV3	97251	196762	3.56%	0.506%
50	20.679	2941	2943	2946	rVV4	9912	10550	0.19%	0.027%

51	20.826	2963	2968	2977	rBV4	38393	66578	1.21%	0.171%
52	20.997	2991	2997	3000	rBV2	42384	59562	1.08%	0.153%
53	21.202	3029	3032	3037	rVB	40247	53009	0.96%	0.136%
54	21.355	3052	3058	3066	rBV	12271	25674	0.47%	0.066%
55	21.537	3079	3089	3103	rVV	606221	1013502	18.36%	2.604%

56	21.631	3103	3105	3114	rVB6	17593	34955	0.63%	0.090%
57	21.766	3124	3128	3133	rBV5	27150	37188	0.67%	0.096%
58	21.931	3150	3156	3161	rBV2	117406	205129	3.72%	0.527%
59	21.989	3161	3166	3173	rVB2	261671	462230	8.37%	1.188%
60	22.113	3180	3187	3190	rBV3	37142	80431	1.46%	0.207%

61	22.389	3229	3234	3242	rVB3	103682	163214	2.96%	0.419%
62	22.577	3262	3266	3270	rBV6	14903	25539	0.46%	0.066%
63	22.765	3290	3298	3301	rBV	237266	426663	7.73%	1.096%
64	22.806	3301	3305	3320	rVV2	545209	1119742	20.28%	2.877%
65	22.924	3321	3325	3330	rVB4	22496	45178	0.82%	0.116%

66	23.094	3348	3354	3362	rBV3	61276	127727	2.31%	0.328%
67	23.317	3386	3392	3401	rBV4	58771	138294	2.50%	0.355%
68	23.517	3416	3426	3432	rVB4	98280	247481	4.48%	0.636%
69	23.593	3432	3439	3447	rBV5	38864	104017	1.88%	0.267%
70	23.717	3456	3460	3464	rVB6	14156	26572	0.48%	0.068%

71	23.922	3486	3495	3505	rBV2	403450	844197	15.29%	2.169%
72	24.252	3547	3551	3557	rVB9	10243	23510	0.43%	0.060%
73	24.404	3565	3577	3585	rBV	1290148	3130507	56.70%	8.043%
74	24.498	3585	3593	3612	rVV2	640327	1765050	31.97%	4.535%
75	24.645	3614	3618	3630	rVB4	57917	142145	2.57%	0.365%

76	24.886	3653	3659	3669	rVV4	82194	214446	3.88%	0.551%
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77	25.286	3718	3727	3737	rBV2	182797	528521	9.57%	1.358%
78	25.438	3743	3753	3760	rBV2	101598	290308	5.26%	0.746%
79	25.538	3761	3770	3791	rVB	149031	557311	10.09%	1.432%
80	25.750	3800	3806	3813	rBV6	20031	52136	0.94%	0.134%
81	26.061	3845	3859	3870	rBV3	488071	1521251	27.55%	3.908%
82	26.719	3955	3971	3986	rBV	1632604	5520951	100.00%	14.185%
83	26.878	3987	3998	4016	rBV3	366360	1488075	26.95%	3.823%
84	27.095	4027	4035	4050	rVB2	135517	497119	9.00%	1.277%
85	27.301	4068	4070	4077	rVB8	8902	15025	0.27%	0.039%
86	27.448	4086	4095	4110	rBV5	73934	268336	4.86%	0.689%
87	27.900	4162	4172	4180	rBV5	42163	157668	2.86%	0.405%
88	28.217	4214	4226	4238	rVB5	60909	240072	4.35%	0.617%
89	28.447	4256	4265	4266	rBV8	27641	57300	1.04%	0.147%
90	28.688	4302	4306	4309	rBV6	16391	30136	0.55%	0.077%
91	29.146	4369	4384	4404	rBV2	317353	1359425	24.62%	3.493%
92	29.669	4459	4473	4492	rVB2	91383	497767	9.02%	1.279%
93	30.062	4520	4540	4565	rBV2	381834	2220332	40.22%	5.705%
94	30.356	4575	4590	4614	rBV5	157692	973855	17.64%	2.502%
95	30.662	4628	4642	4666	rVB2	222531	1162614	21.06%	2.987%
96	31.185	4723	4731	4733	rBV7	18293	44502	0.81%	0.114%
97	31.378	4745	4764	4785	rBV6	465564	2820430	51.09%	7.246%
98	31.872	4840	4848	4849	rBV8	13919	32539	0.59%	0.084%
99	32.348	4914	4929	4945	rBV8	67907	383177	6.94%	0.984%
100	32.554	4954	4964	4965	rBV9	25575	59094	1.07%	0.152%

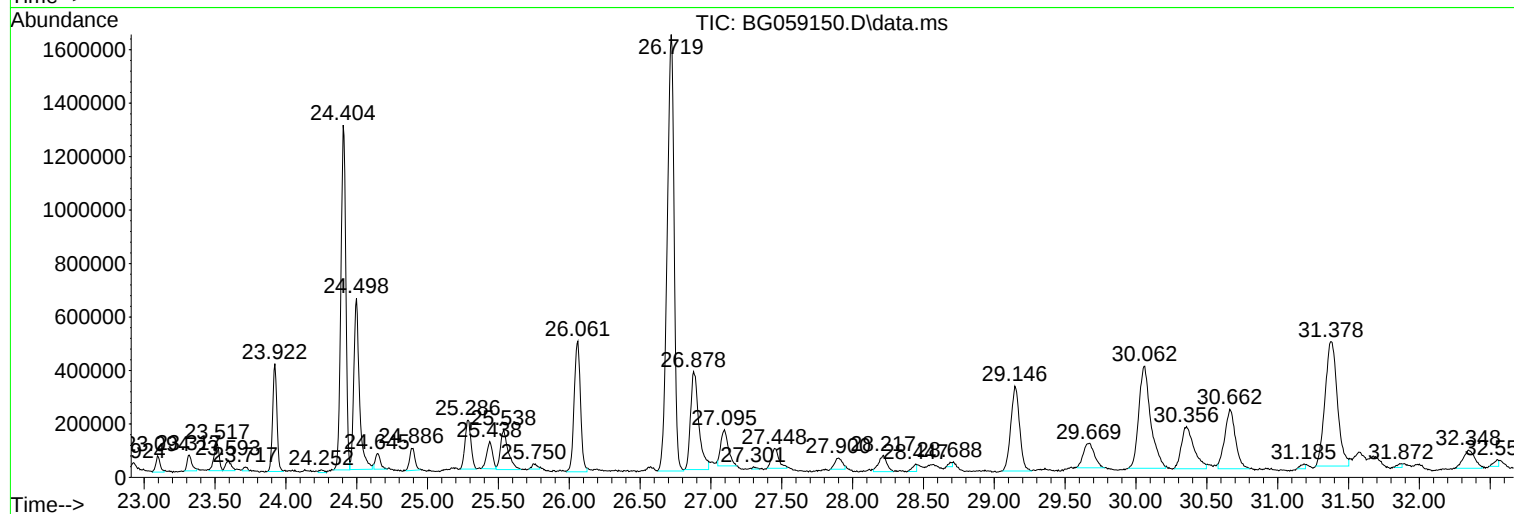
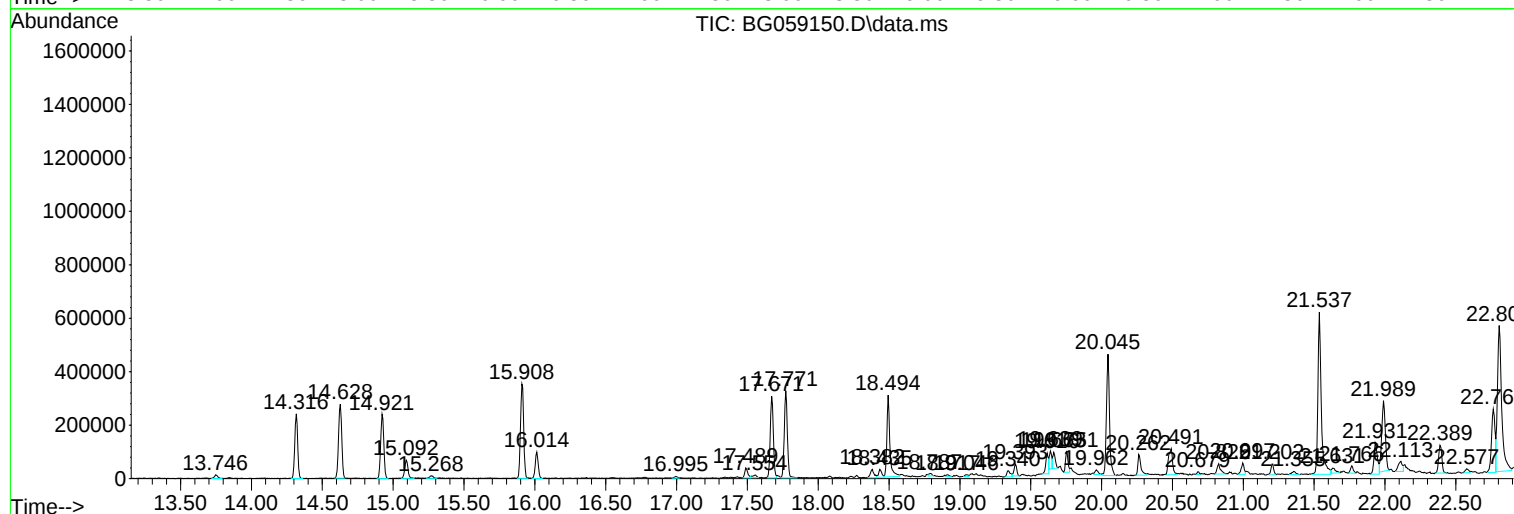
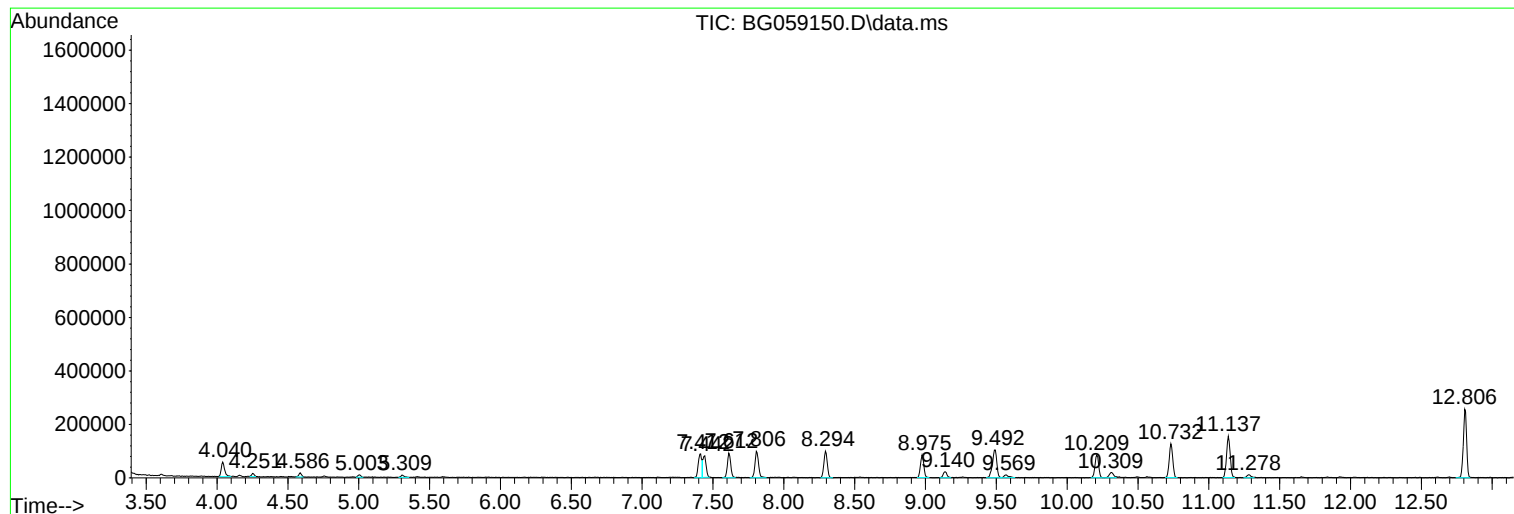
Sum of corrected areas: 38921729

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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



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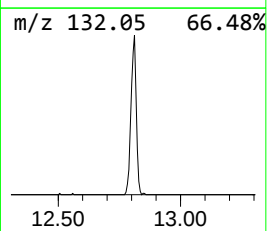
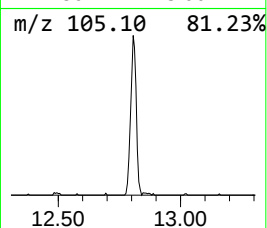
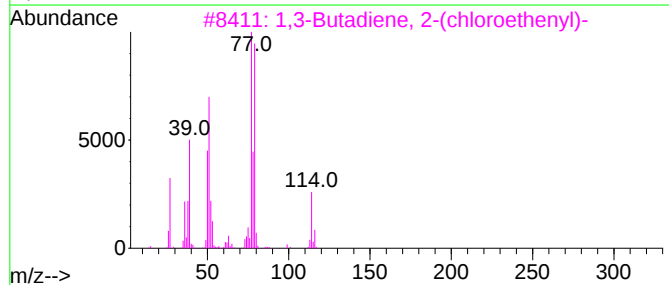
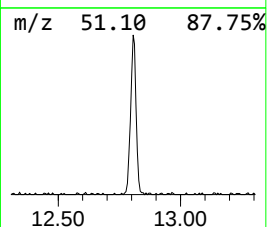
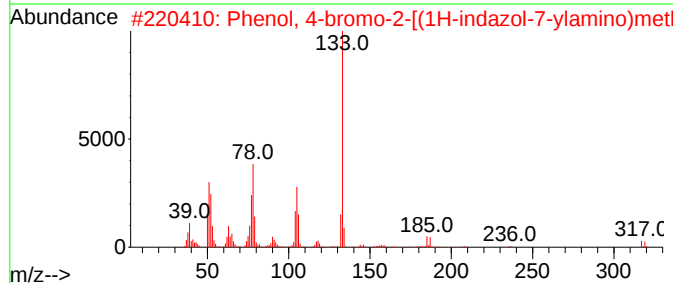
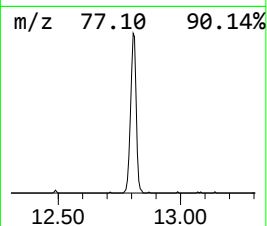
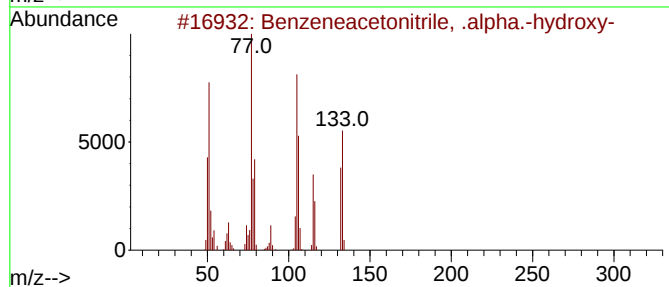
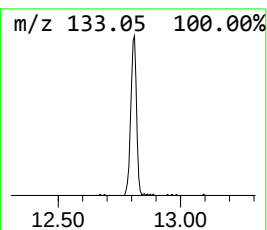
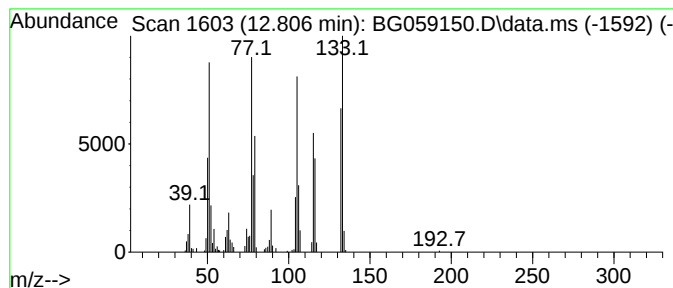
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzeneacetonitrile, .alpha... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	29.90 ng/ul	413153	Naphthalene-d8	11.137

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	81
2			Phenol, 4-bromo-2-[(1H-indazol-7...	317	C14H12BrN3O	1000350-54-6	59
3			1,3-Butadiene, 2-(chloroethenyl)-	114	C6H7Cl	080297-56-9	47
4			1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	40
5			2-Propen-1-one, 1-phenyl-	132	C9H8O	000768-03-6	40



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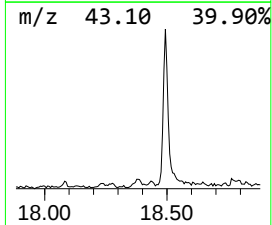
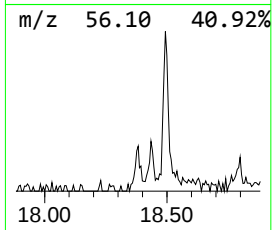
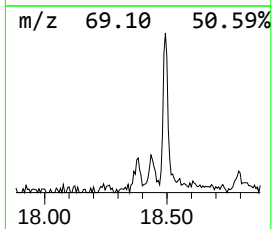
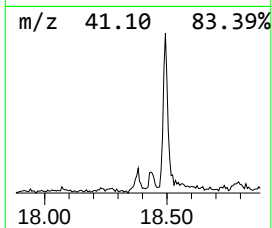
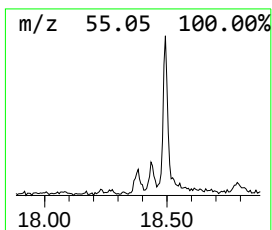
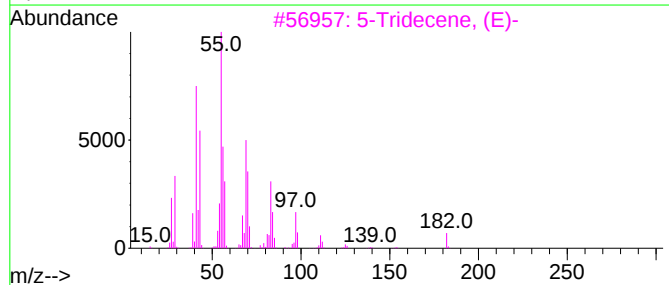
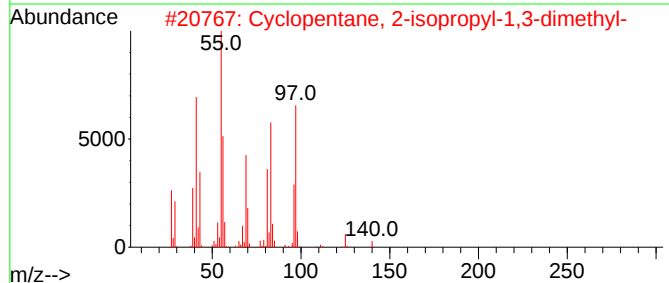
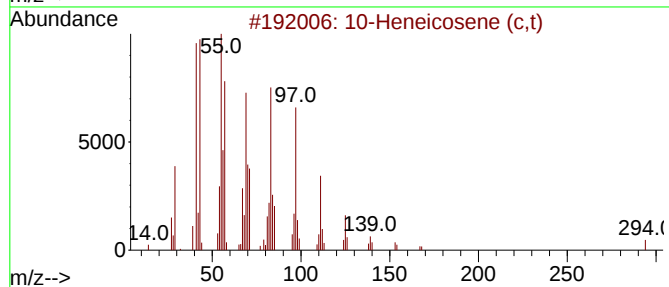
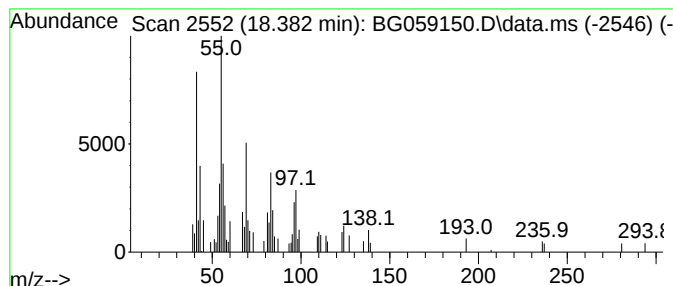
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TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.382	2.49 ng/ul	56934	Phenanthrene-d10	17.671

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)			294	C21H42	095008-11-0	43
2	Cyclopentane, 2-isopropyl-1,3-di...			140	C10H20	032281-85-9	38
3	5-Tridecene, (E)-			182	C13H26	023051-84-5	38
4	3-Undecene, 8-methyl-			168	C12H24	1000061-84-4	38
5	Cyclohexane, 1-methyl-3-propyl-			140	C10H20	004291-80-9	35



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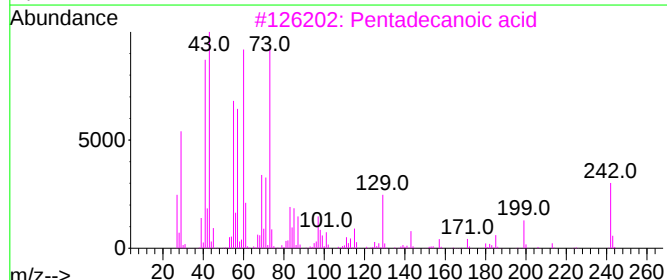
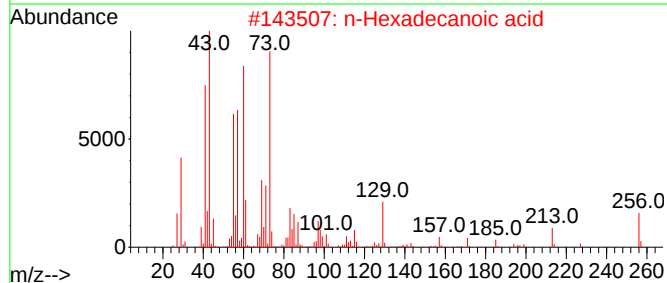
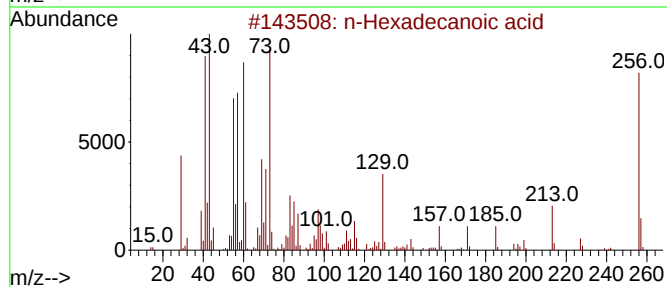
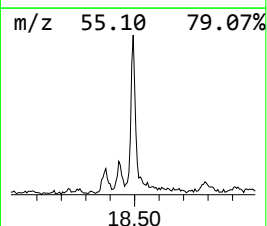
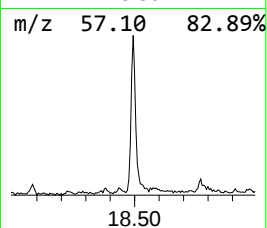
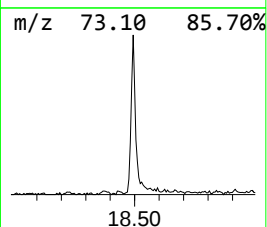
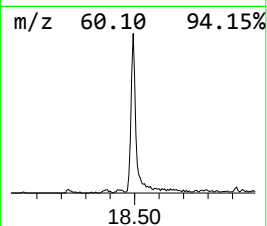
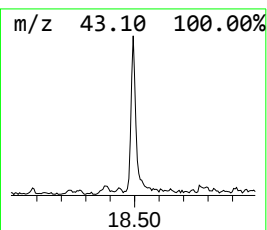
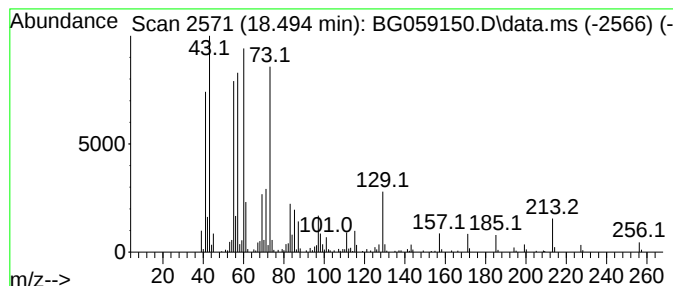
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.494	19.34 ng/ul	442864	Phenanthrene-d10	17.671	
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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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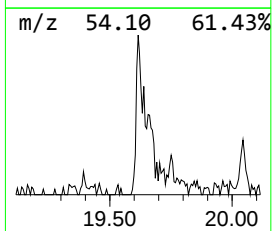
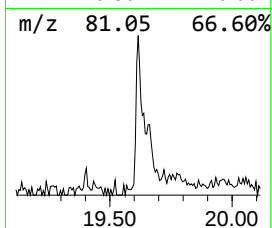
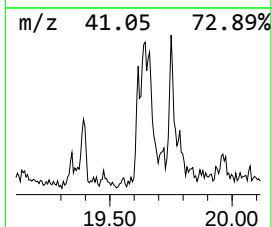
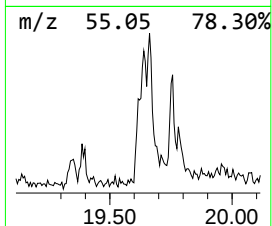
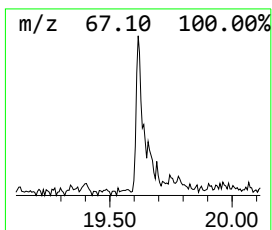
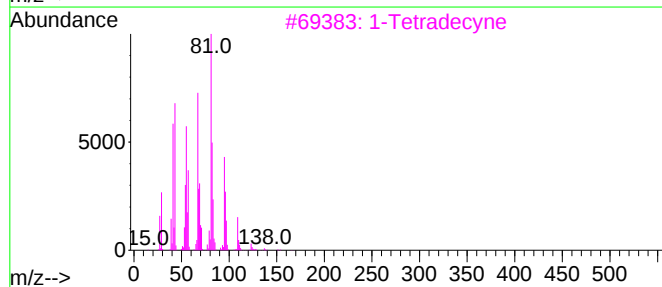
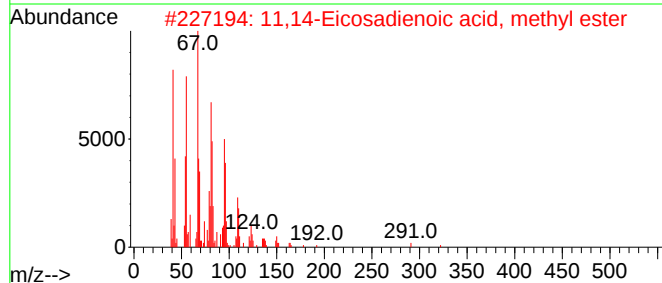
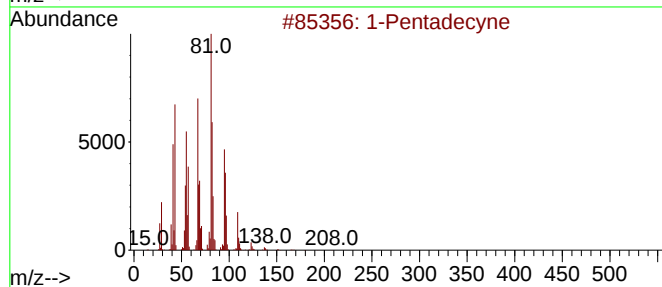
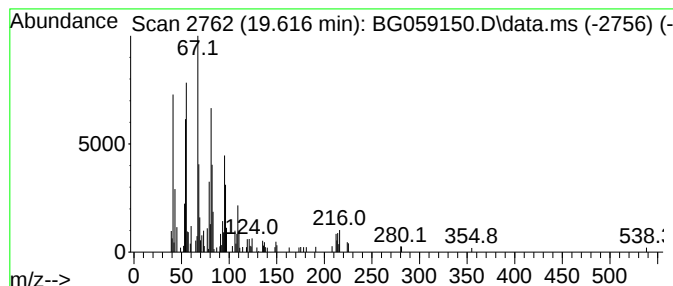
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1-Pentadecyne Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.616	4.57 ng/ul	104781	Phenanthrene-d10	17.671

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentadecyne	208	C15H28	000765-13-9	91
2			11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	91
3			1-Tetradecyne	194	C14H26	000765-10-6	90
4			1-Hexadecyne	222	C16H30	000629-74-3	90
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
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Sample : 04386-07
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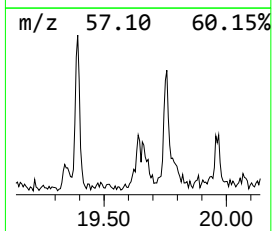
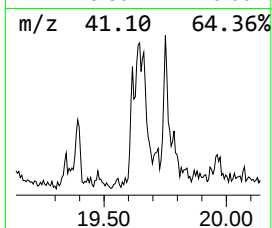
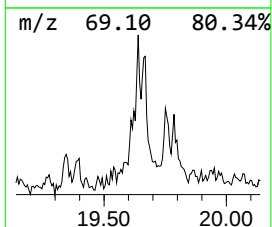
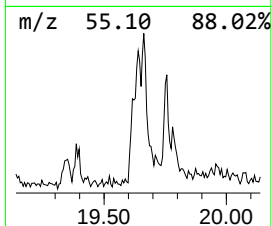
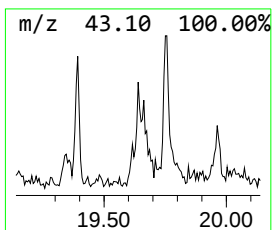
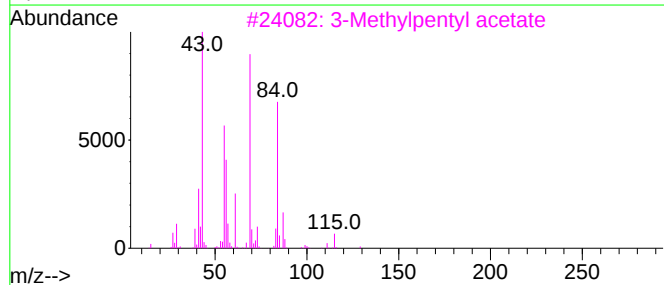
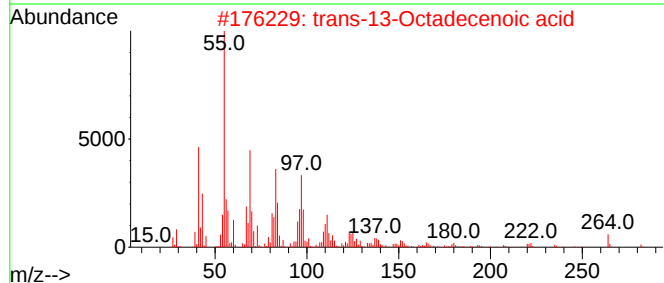
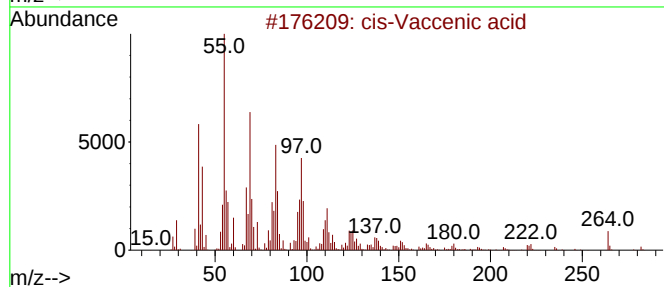
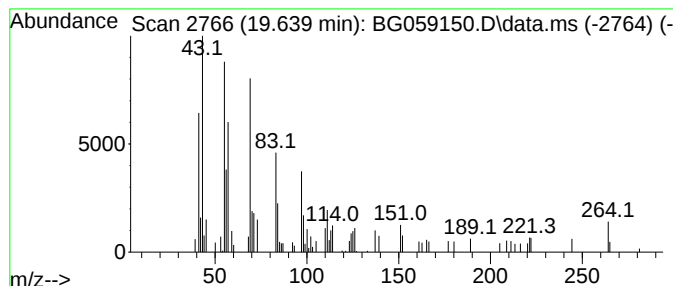
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.639	3.27 ng/ul	74791	Phenanthrene-d10	17.671	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	46
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	46
3	3-Methylpentyl acetate	144	C8H16O2	035897-13-3	43
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	43
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
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Instrument :
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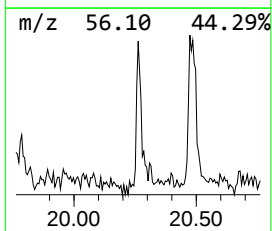
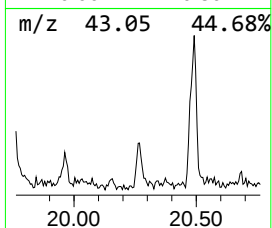
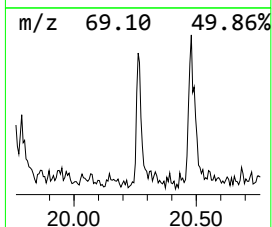
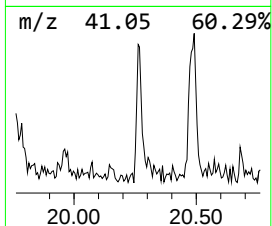
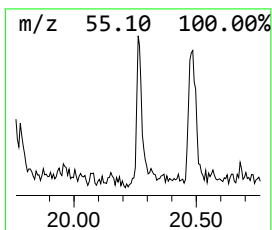
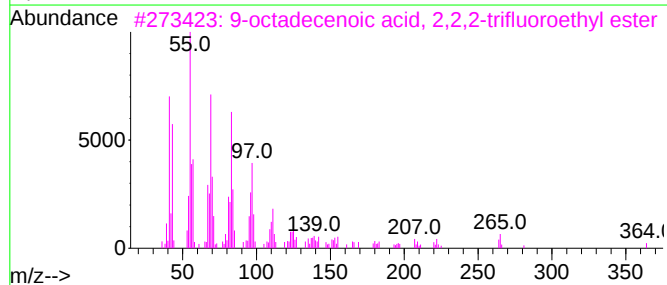
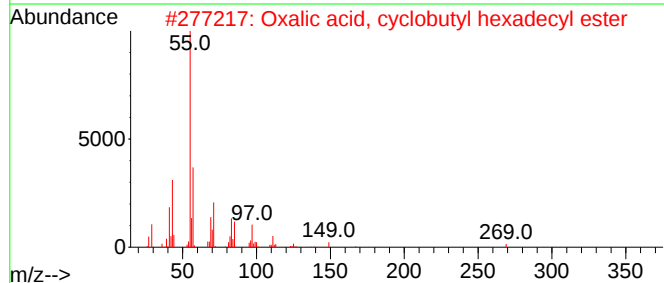
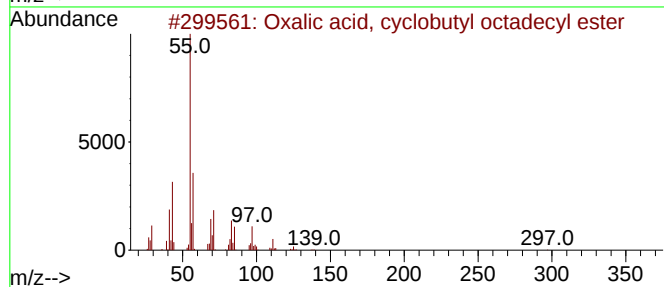
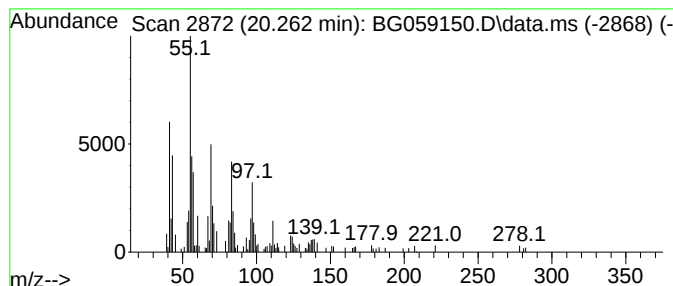
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Oxalic acid, cyclobutyl oct... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.262	5.07 ng/ul	117119	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	80
2			Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	80
3			9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	72
4			Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	68
5			cis-Vaccenic acid	282	C18H34O2	000506-17-2	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
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Misc :
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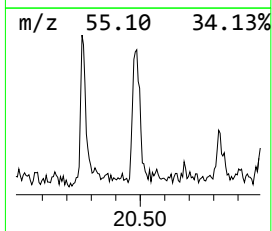
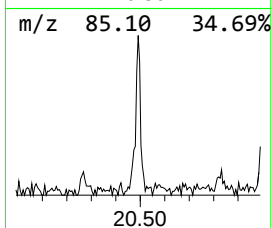
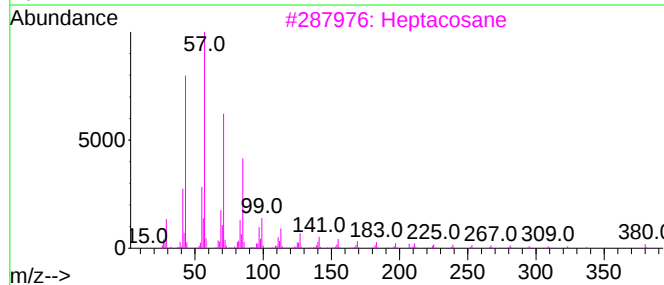
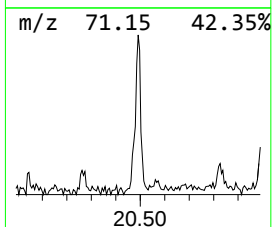
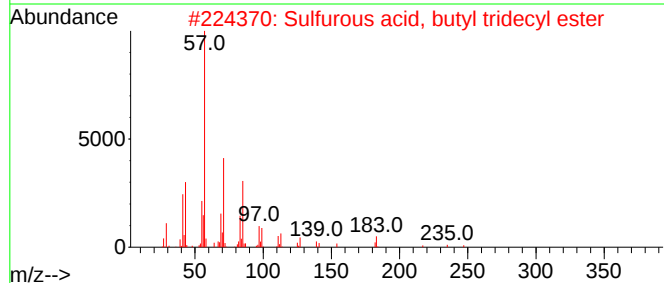
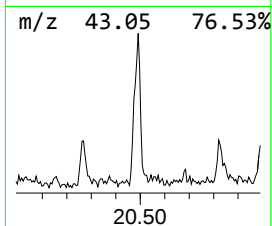
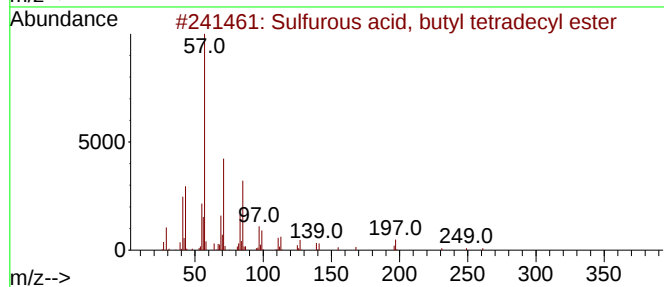
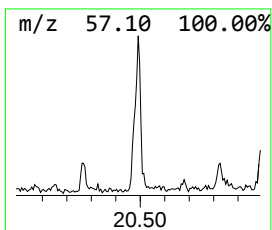
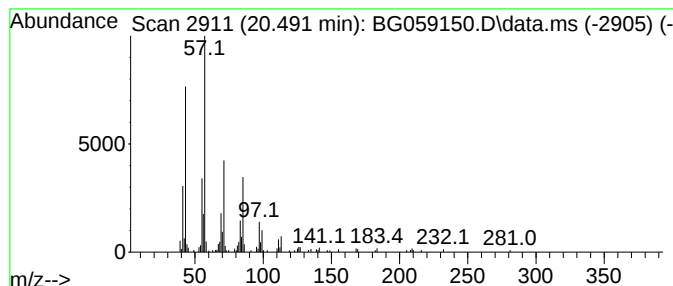
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Sulfurous acid, butyl tetra... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.491	8.51 ng/ul	196762	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	91
2			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	89
5			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
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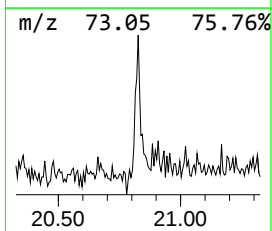
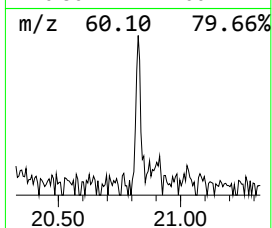
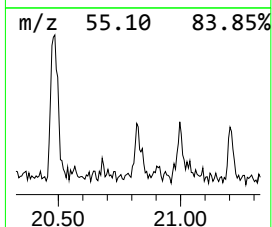
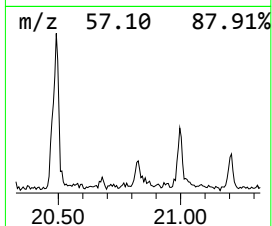
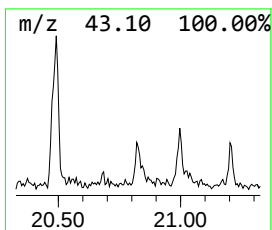
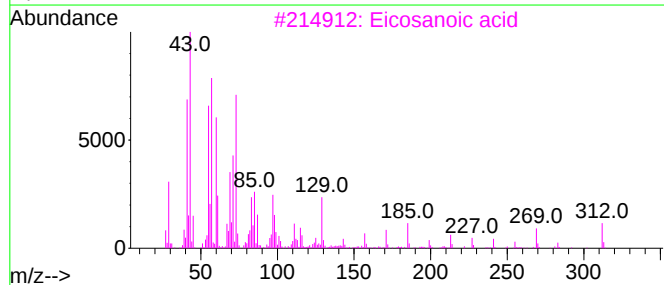
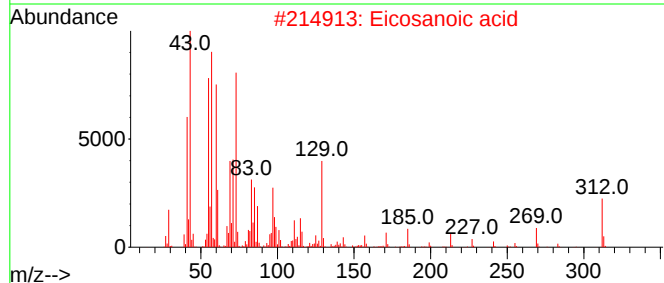
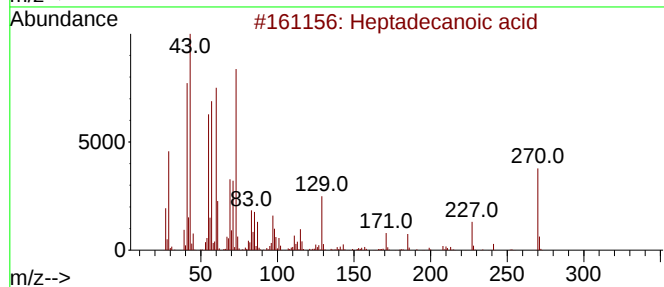
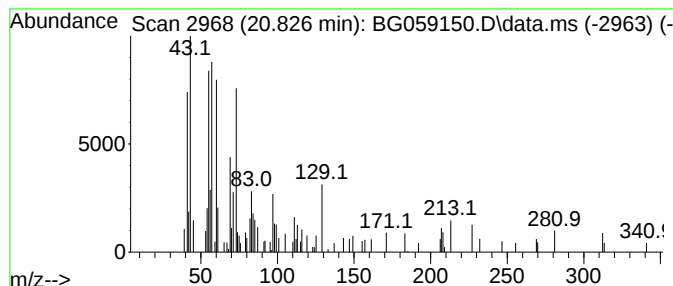
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Heptadecanoic acid Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.826	2.88 ng/ul	66578	Chrysene-d12		21.990	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecanoic acid		270	C17H34O2	000506-12-7	76
2	Eicosanoic acid		312	C20H40O2	000506-30-9	68
3	Eicosanoic acid		312	C20H40O2	000506-30-9	68
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	59
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
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Misc :
ALS Vial : 51 Sample Multiplier: 1

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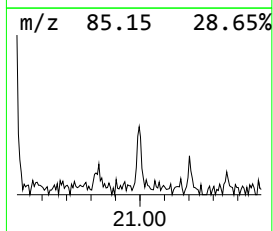
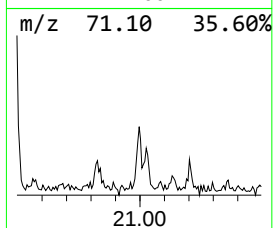
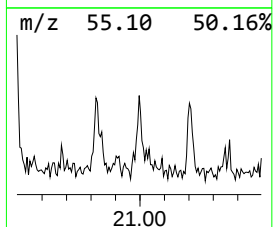
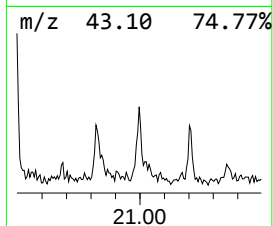
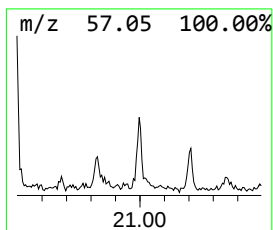
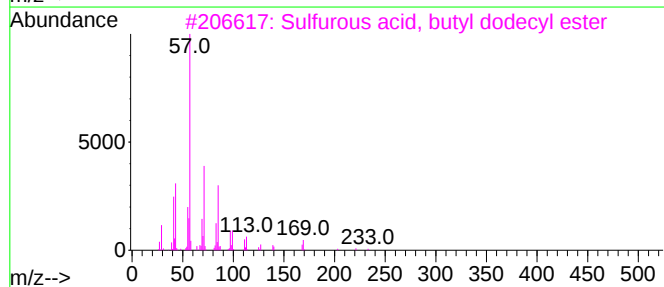
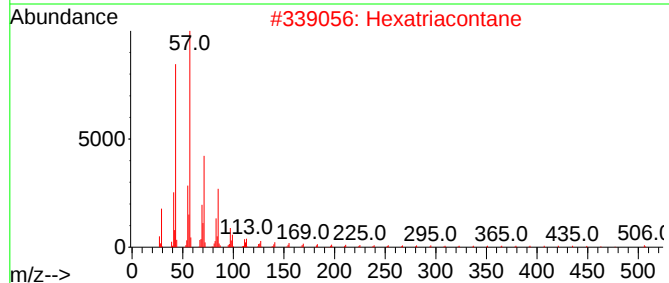
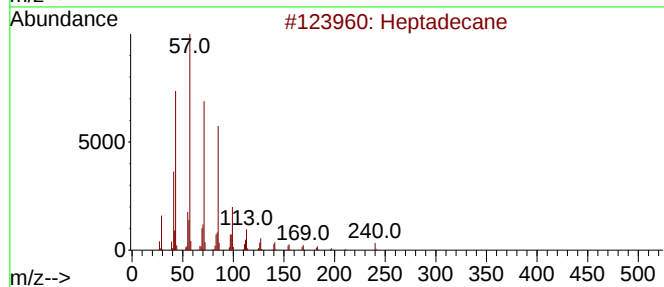
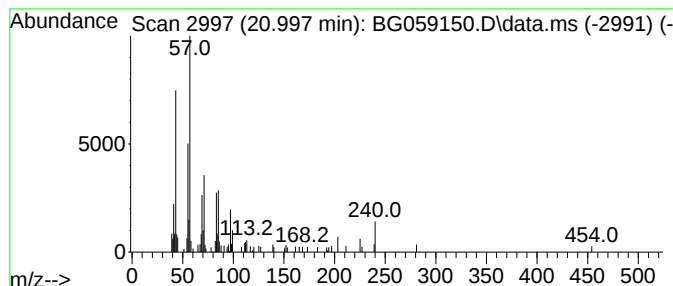
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.997	2.58 ng/ul	59562	Chrysene-d12	21.990

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	53
2		Hexatriacontane	507	C36H74	000630-06-8	52
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	52
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	49
5		Heptadecane	240	C17H36	000629-78-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
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Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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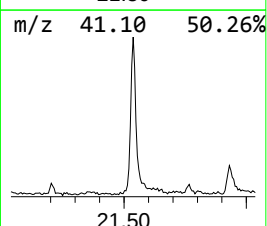
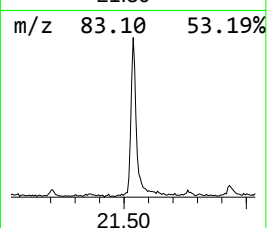
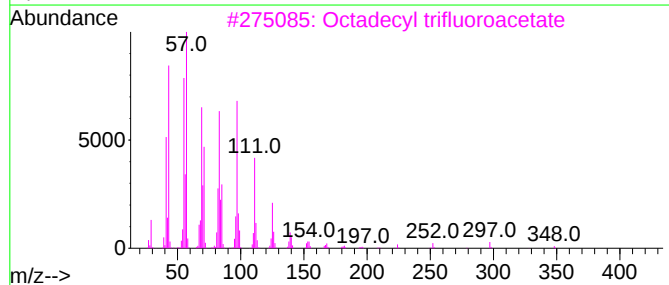
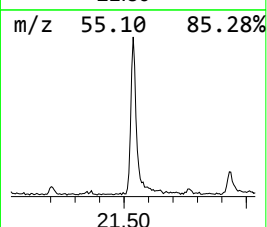
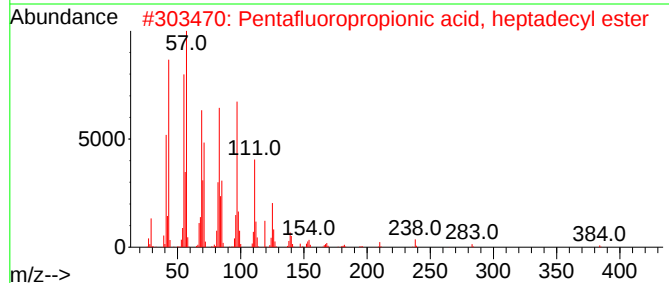
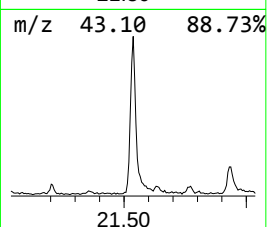
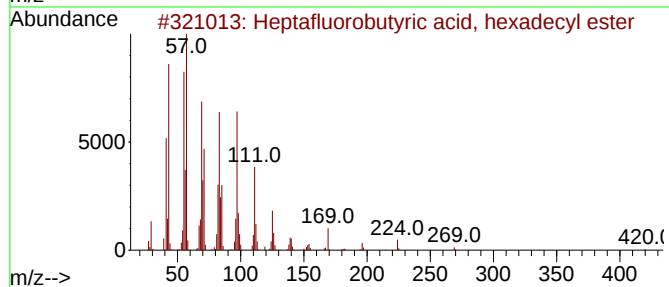
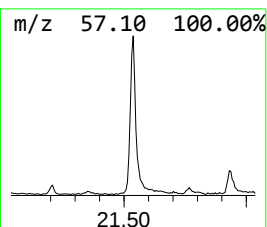
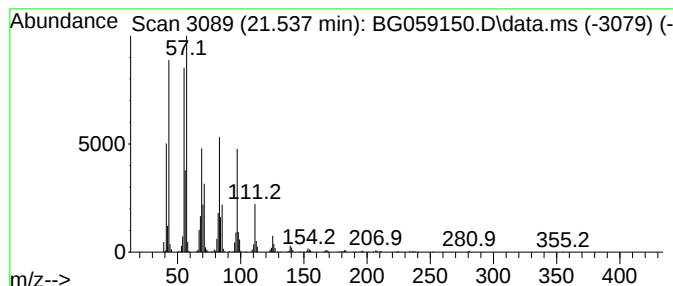
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Heptafluorobutyric acid, he... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.537	43.85 ng/ul	1013500	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
2			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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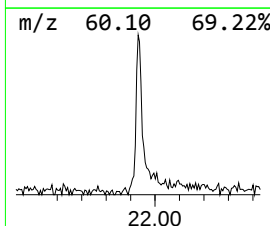
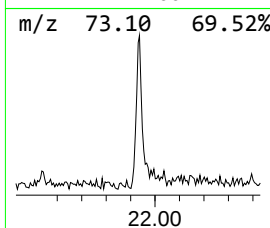
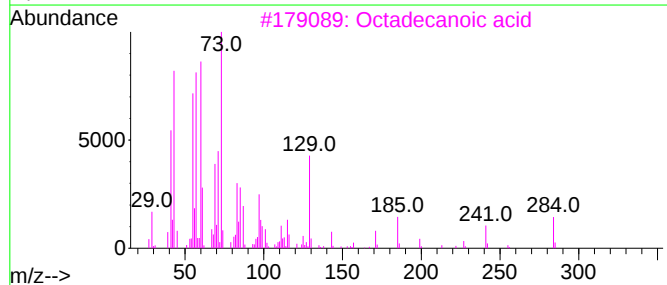
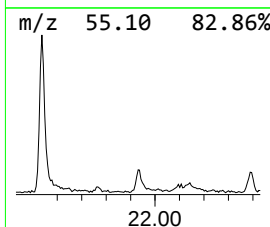
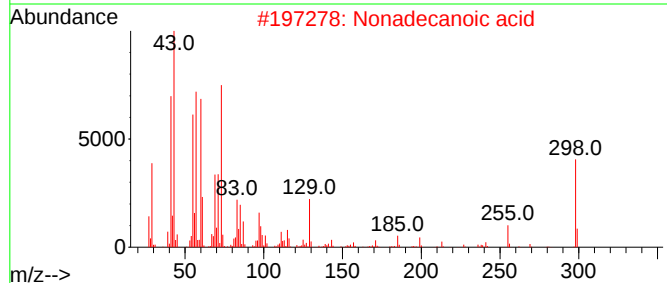
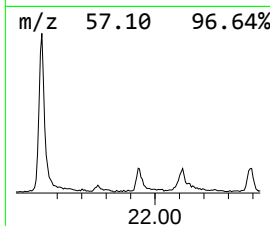
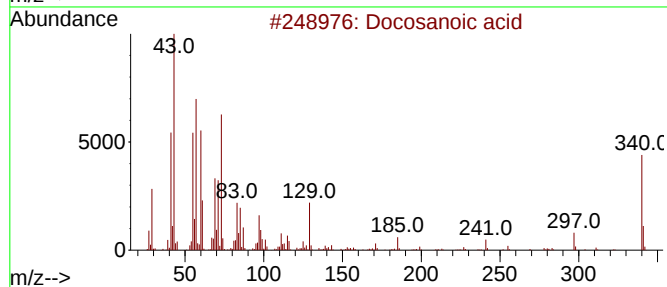
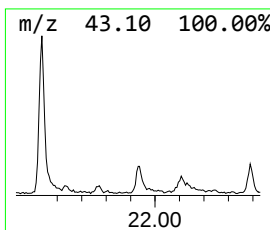
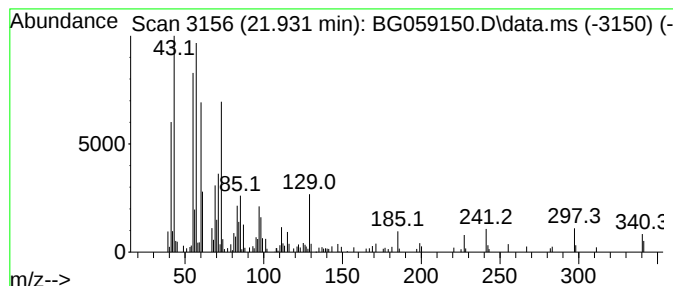
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Docosanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.931	8.88 ng/ul	205129	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosanoic acid	340	C22H44O2	000112-85-6	93
2			Nonadecanoic acid	298	C19H38O2	000646-30-0	92
3			Octadecanoic acid	284	C18H36O2	000057-11-4	81
4			Docosanoic acid	340	C22H44O2	000112-85-6	62
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
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Instrument :
BNA_G
ClientSampleId :
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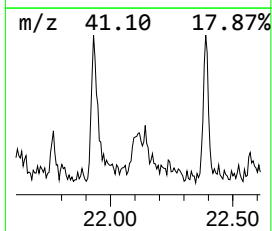
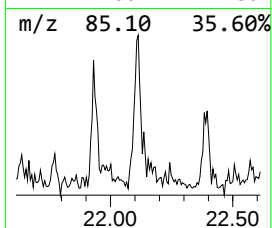
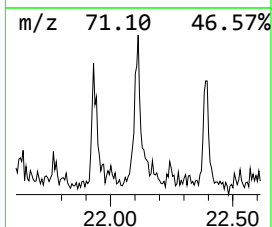
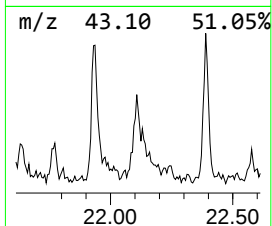
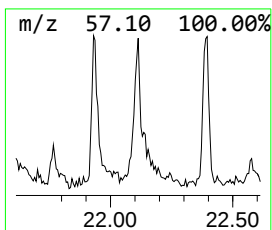
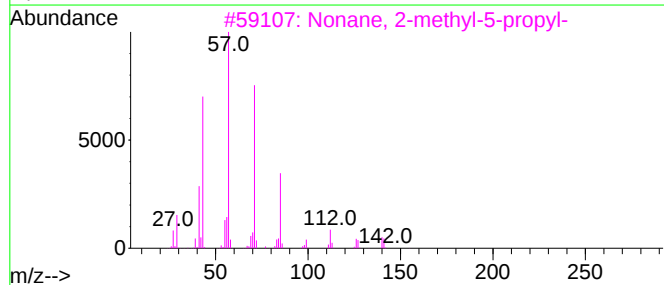
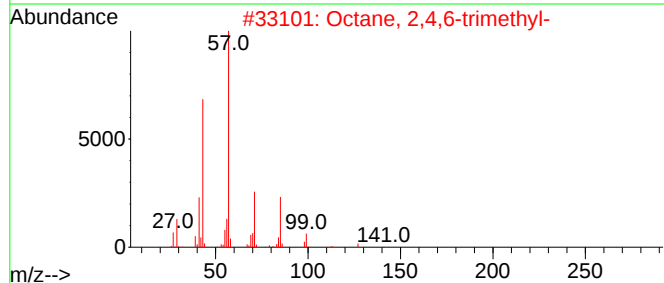
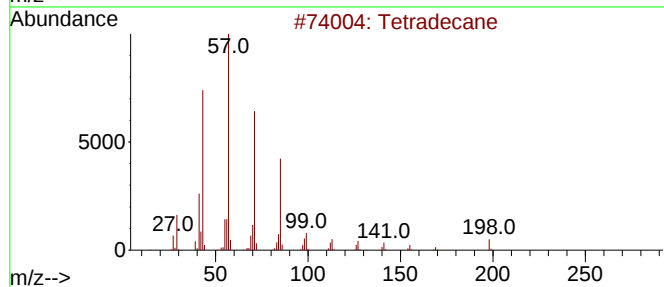
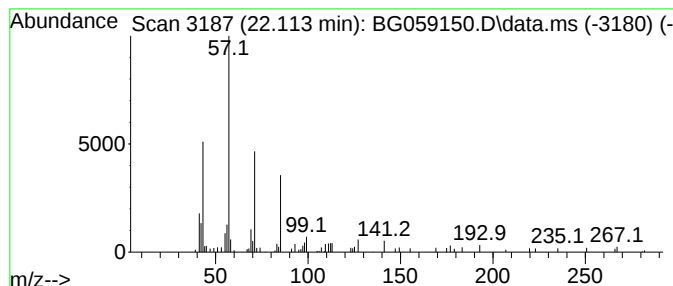
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.113	3.48 ng/ul	80431	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
4			Heptadecane	240	C17H36	000629-78-7	59
5			Octadecane, 5-methyl-	268	C19H40	025117-35-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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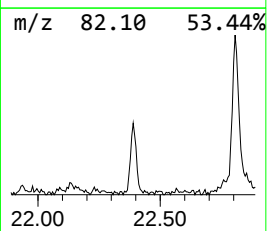
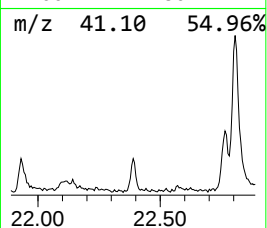
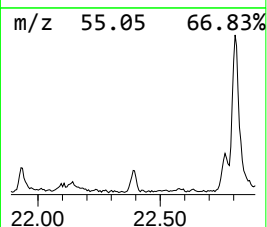
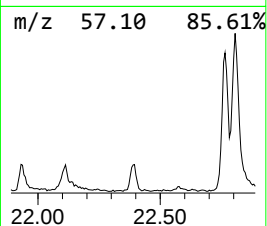
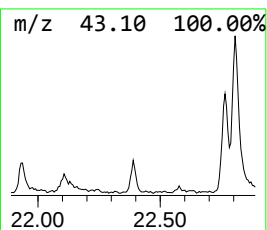
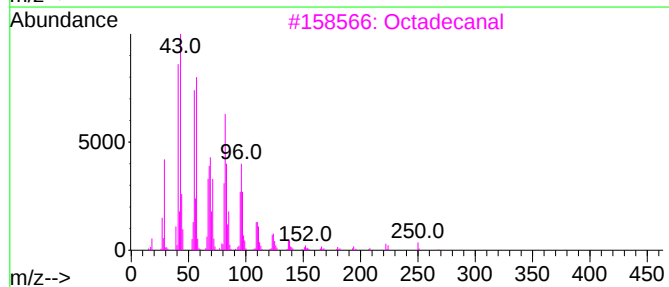
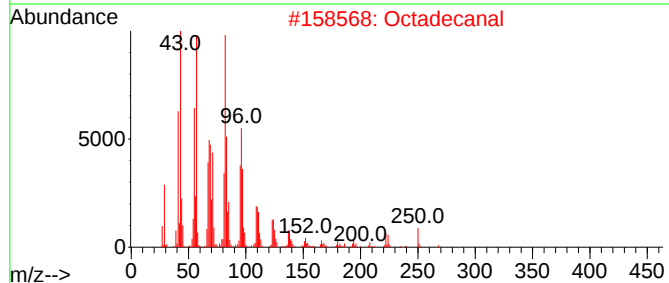
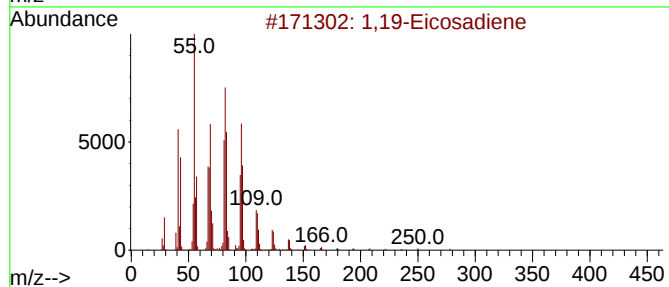
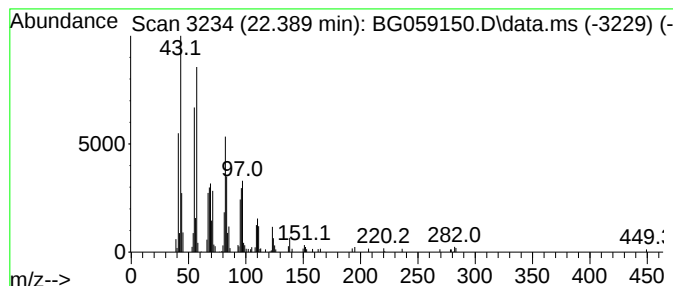
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,19-Eicosadiene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.389	7.06 ng/ul	163214	Chrysene-d12	21.990

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,19-Eicosadiene	278	C20H38	014811-95-1	90
2		Octadecanal	268	C18H36O	000638-66-4	87
3		Octadecanal	268	C18H36O	000638-66-4	87
4		Hexadecanal	240	C16H32O	000629-80-1	83
5		Tetracosanal	352	C24H48O	057866-08-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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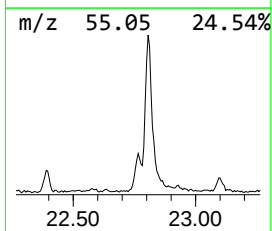
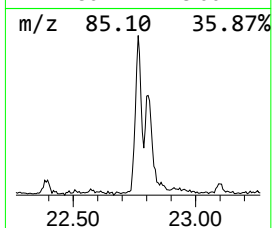
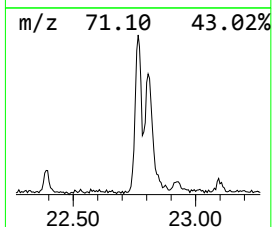
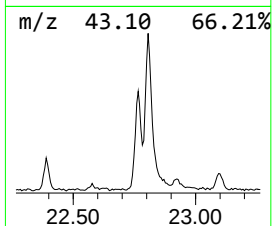
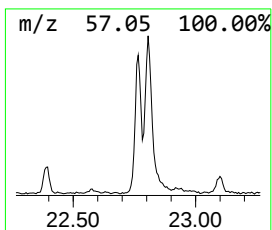
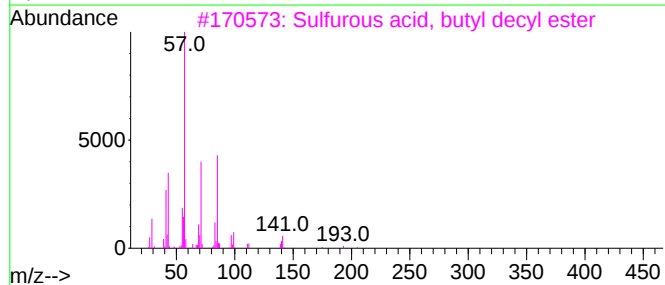
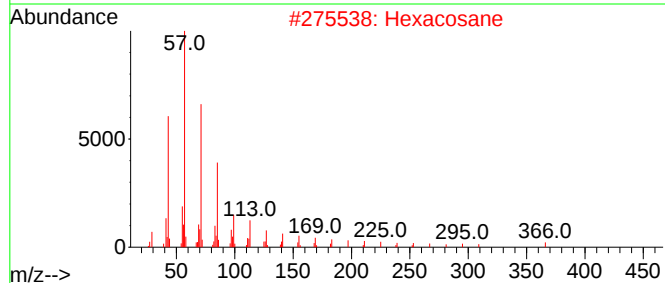
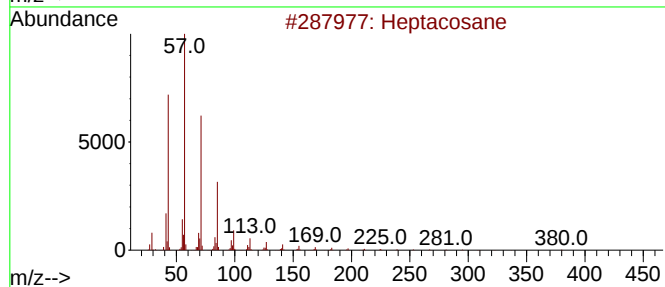
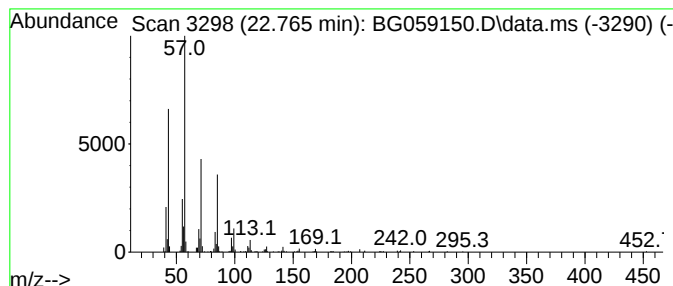
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.765	18.46 ng/ul	426663	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Hexacosane	366	C26H54	000630-01-3	90
3			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	90
4			Octacosane	394	C28H58	000630-02-4	87
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

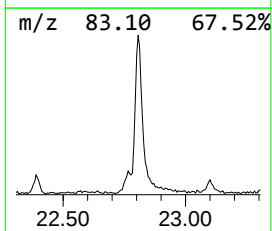
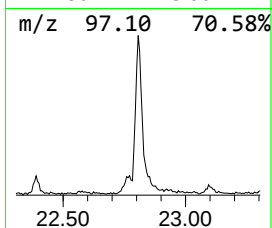
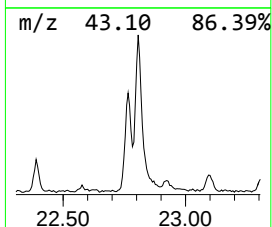
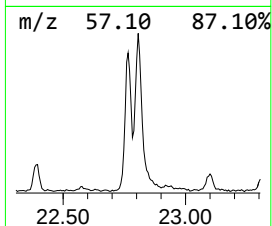
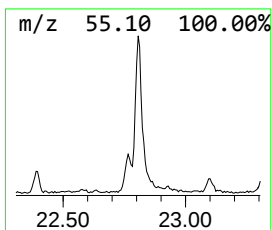
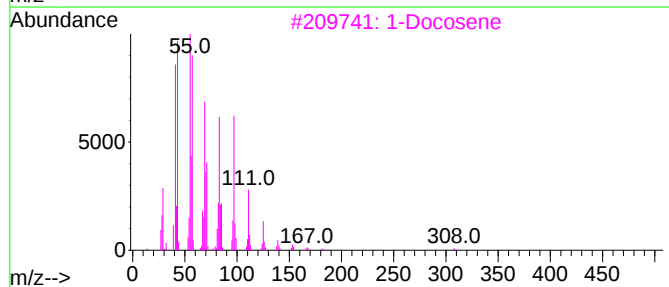
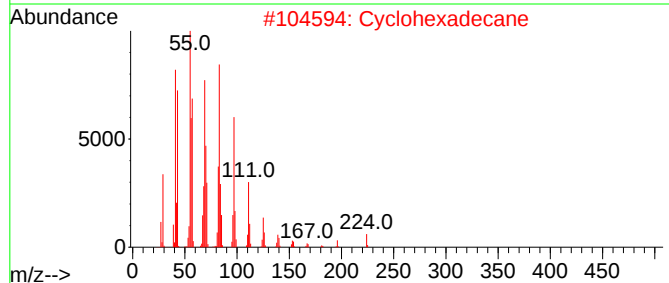
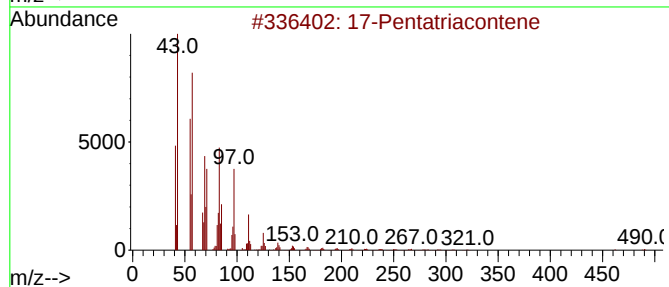
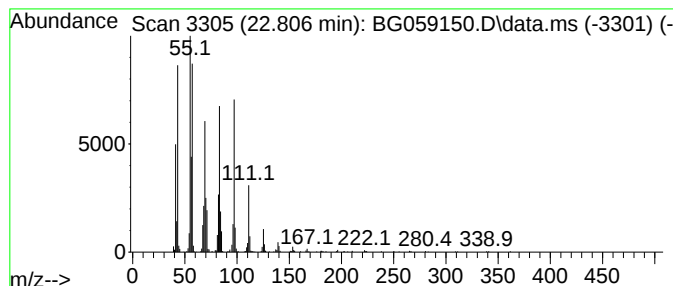
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.806	48.45 ng/ul	1119740	Chrysene-d12	21.990	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	Cyclohexadecane	224	C16H32	000295-65-8	87
3	1-Docosene	308	C22H44	001599-67-3	86
4	Cyclotetracosane	336	C24H48	000297-03-0	80
5	1-Heneicosanol	312	C21H44O	015594-90-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
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Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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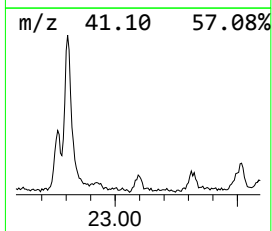
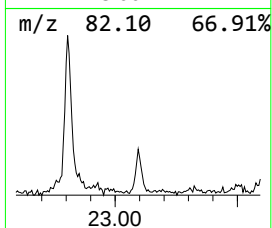
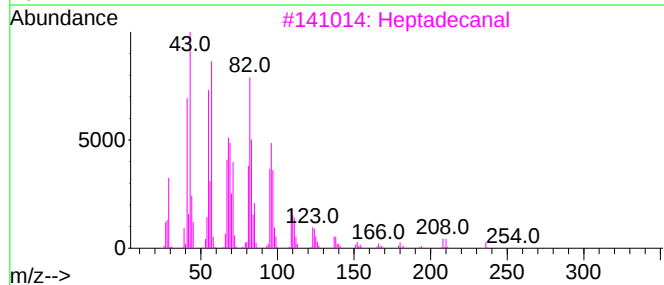
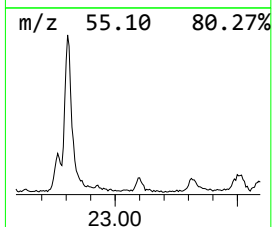
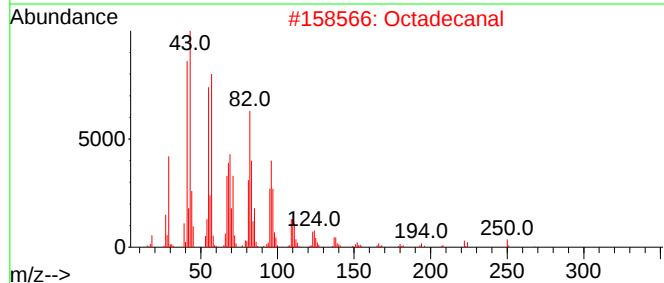
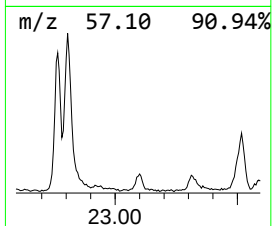
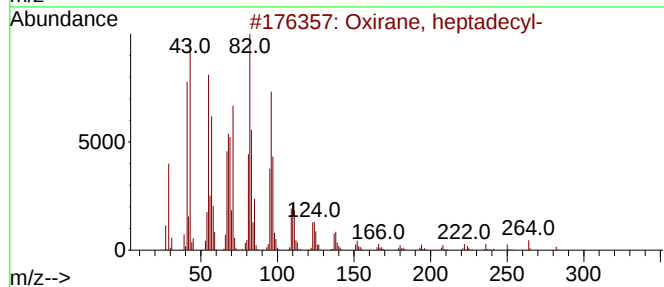
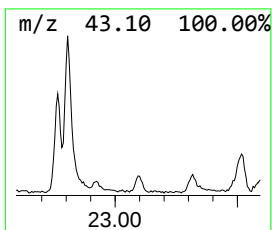
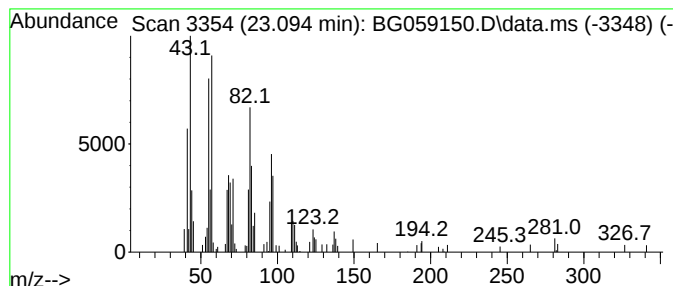
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Oxirane, heptadecyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.094	5.53 ng/ul	127727	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2			Octadecanal	268	C18H36O	000638-66-4	93
3			Heptadecanal	254	C17H34O	1000376-70-0	87
4			16-Octadecenal	266	C18H34O	056554-87-1	87
5			Eicosanal-	296	C20H40O	002400-66-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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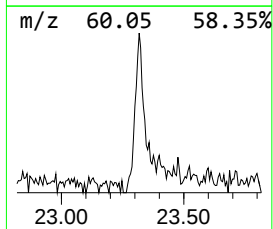
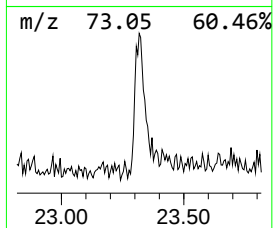
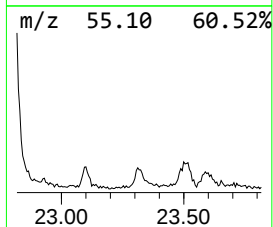
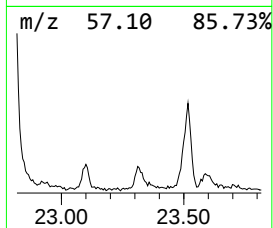
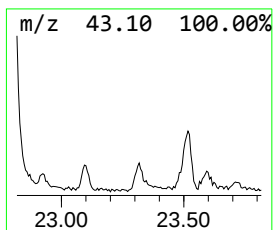
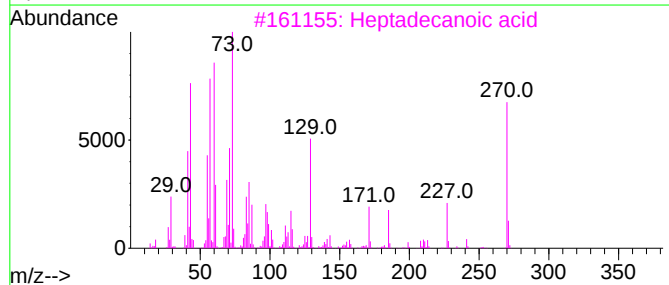
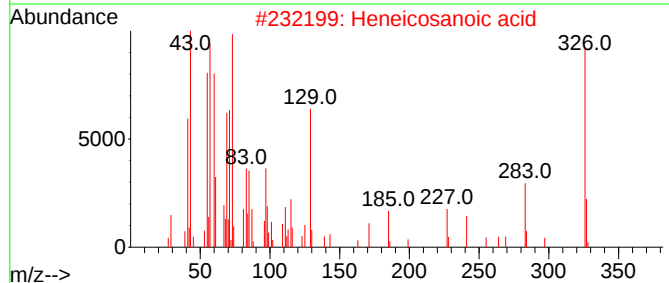
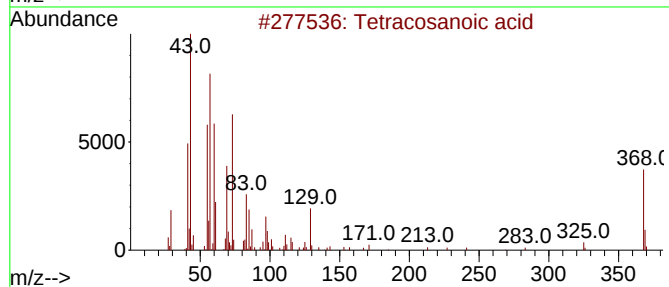
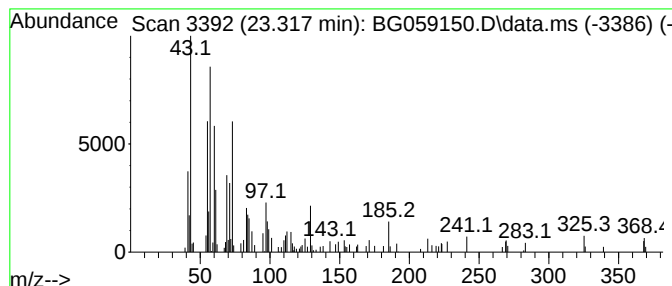
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Tetracosanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.317	5.98 ng/ul	138294	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanoic acid	368	C24H48O2	000557-59-5	92
2			Heneicosanoic acid	326	C21H42O2	002363-71-5	89
3			Heptadecanoic acid	270	C17H34O2	000506-12-7	87
4			Tetracosanoic acid	368	C24H48O2	000557-59-5	55
5			Octadecanoic acid	284	C18H36O2	000057-11-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

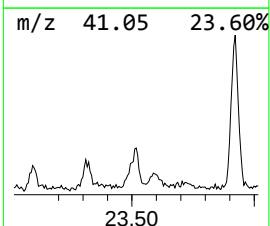
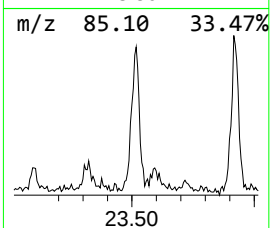
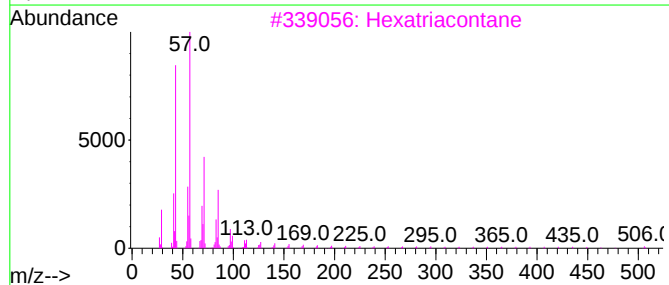
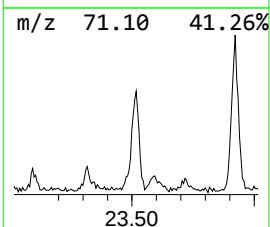
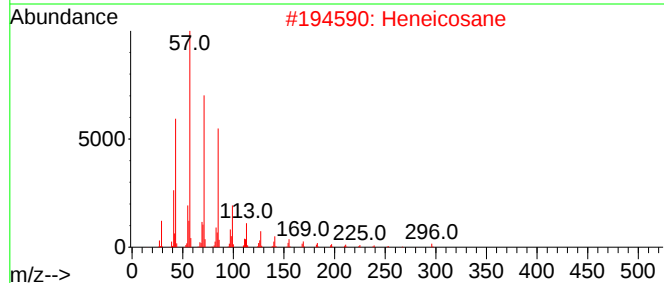
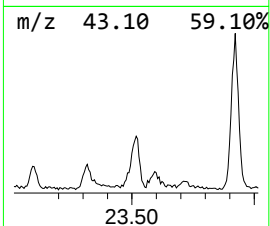
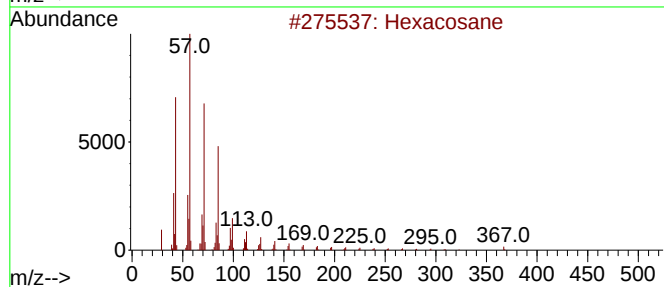
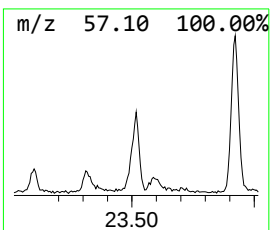
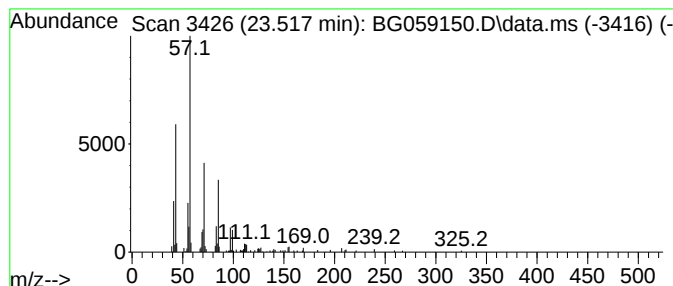
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.517	10.71 ng/ul	247481	Chrysene-d12		21.990	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	80
2	Heneicosane		296	C21H44	000629-94-7	72
3	Hexatriacontane		507	C36H74	000630-06-8	72
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	72
5	Octacosane, 2-methyl-		408	C29H60	001560-98-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

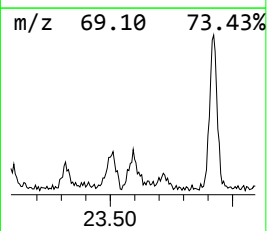
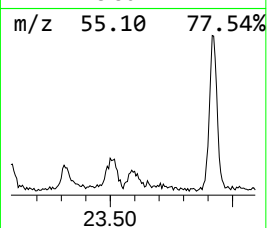
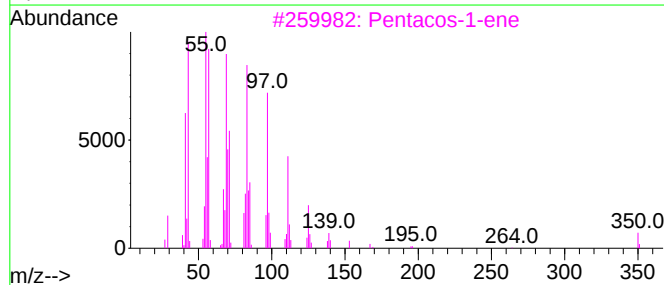
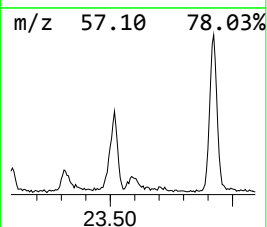
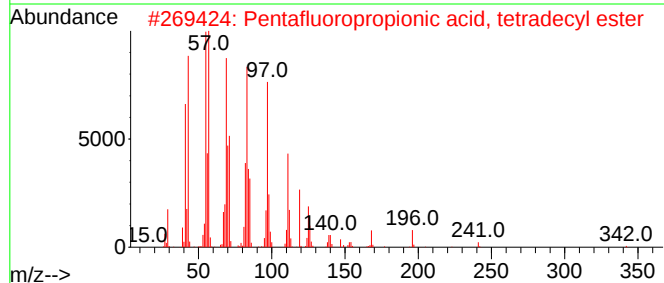
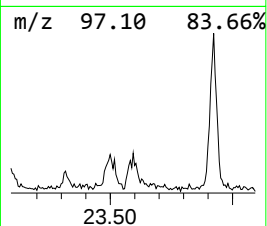
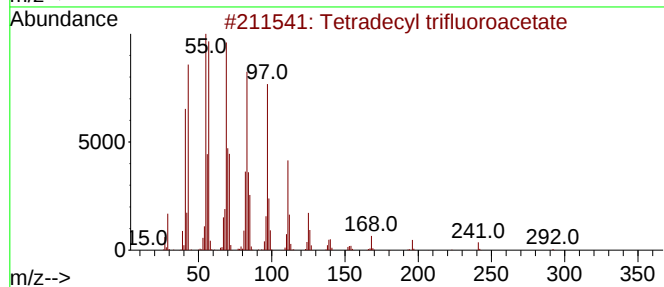
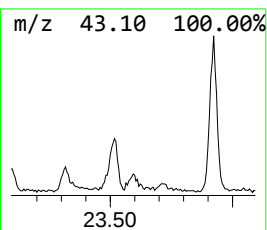
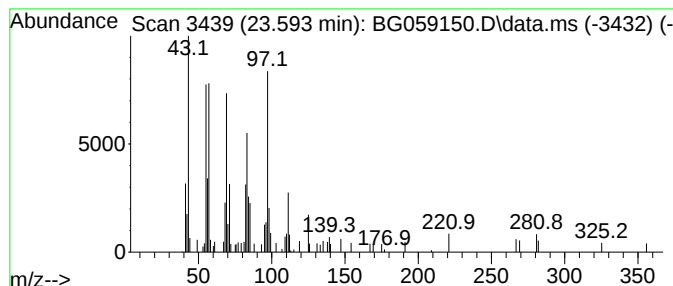
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Tetradecyl trifluoroacetate Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.593	4.50 ng/ul	104017	Chrysene-d12	21.990	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	74
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	74
3	Pentacos-1-ene	350	C25H50	016980-85-1	68
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	68
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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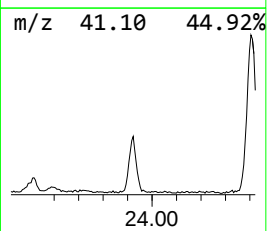
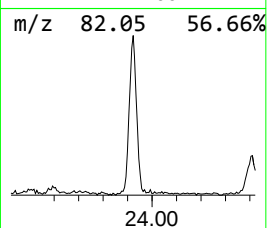
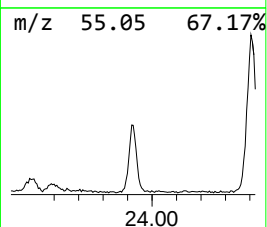
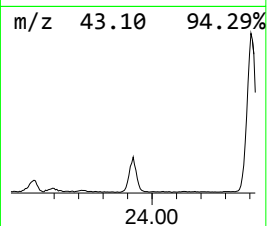
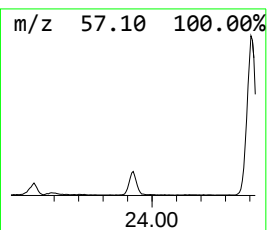
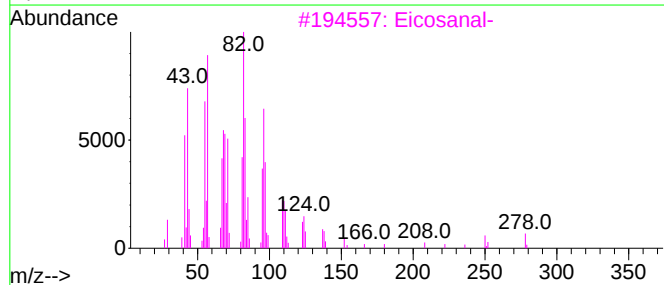
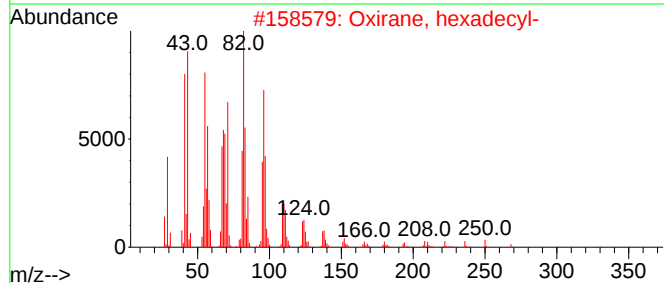
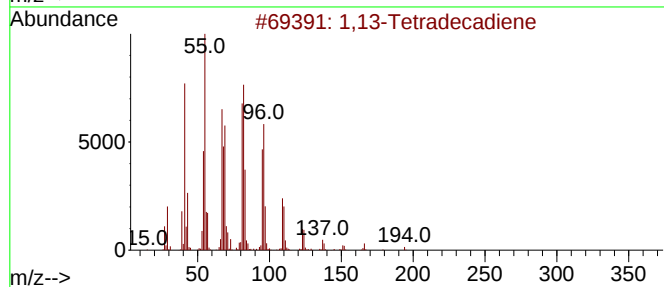
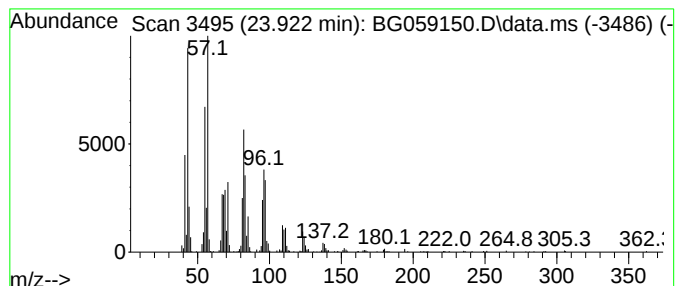
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,13-Tetradecadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.922	30.30 ng/ul	844197	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,13-Tetradecadiene	194	C14H26	021964-49-8	91
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			Eicosanal-	296	C20H40O	002400-66-0	91
4			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5			Docosanal	324	C22H44O	057402-36-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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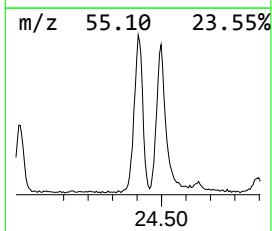
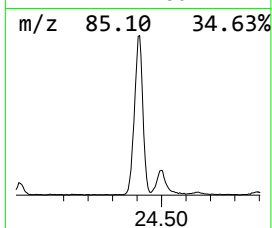
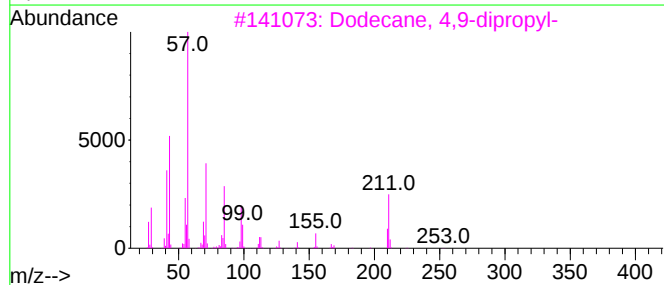
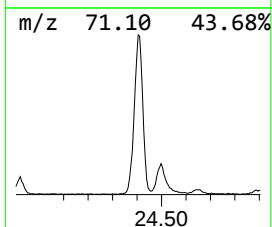
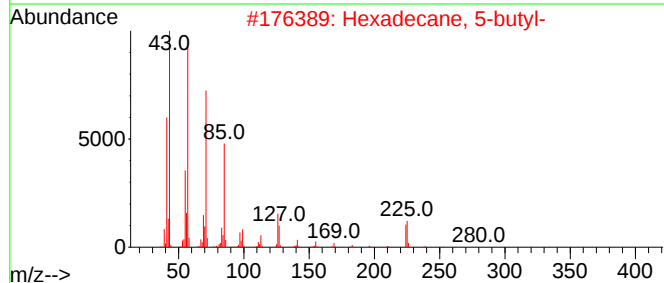
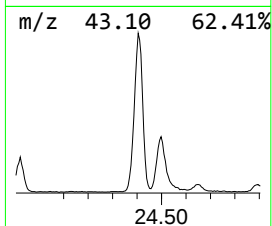
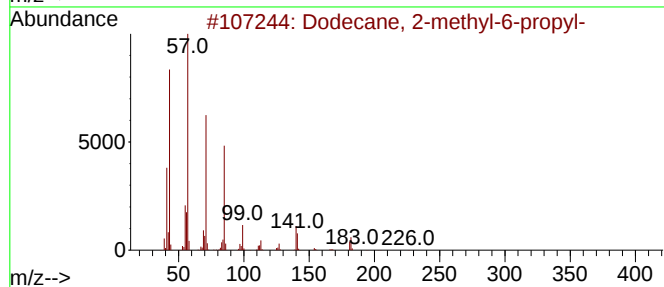
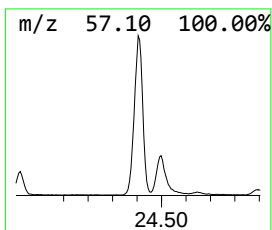
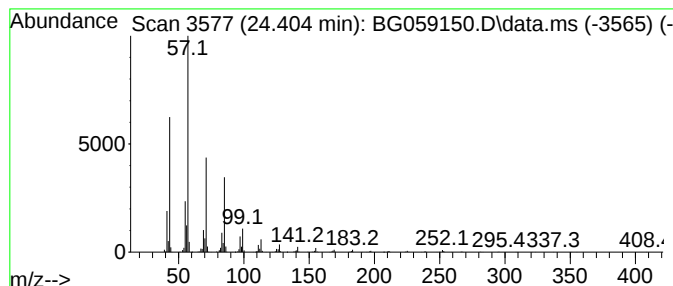
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.404	112.34 ng/ul	3130510	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
3			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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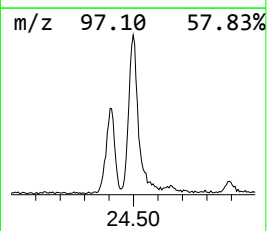
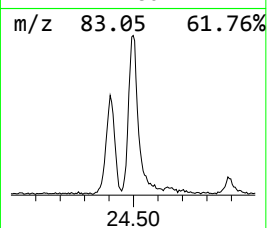
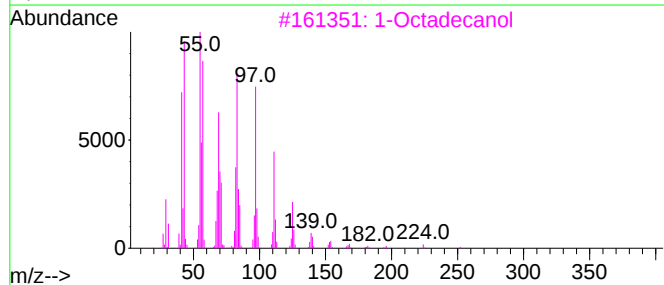
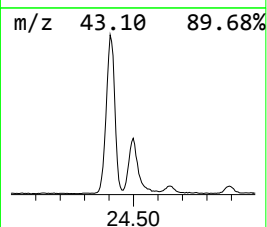
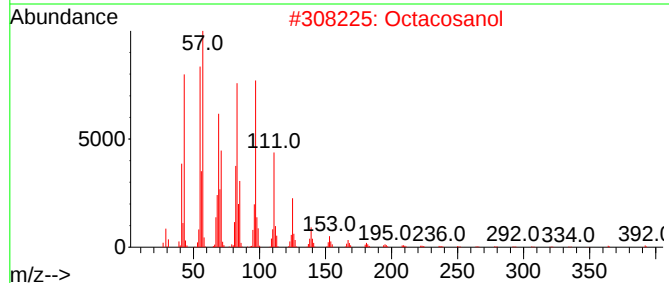
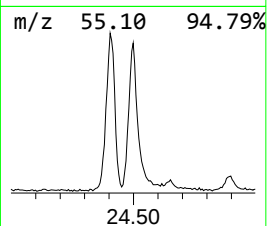
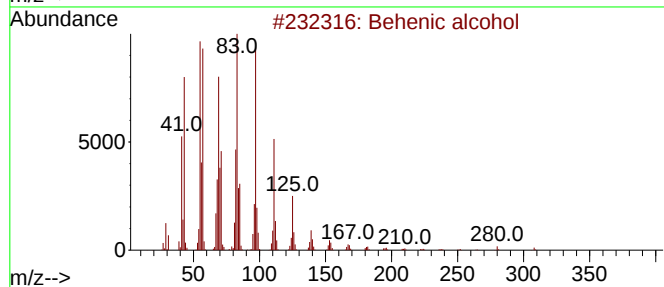
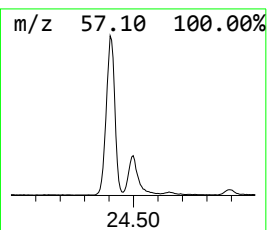
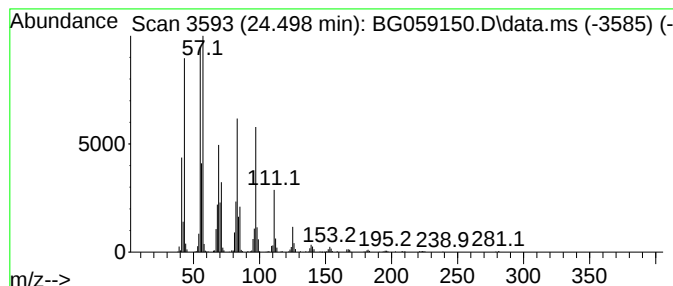
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.498	63.34 ng/ul	1765050	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	90
2			Octacosanol	410	C28H58O	000557-61-9	90
3			1-Octadecanol	270	C18H38O	000112-92-5	90
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	83
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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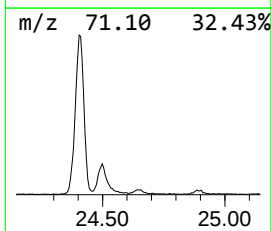
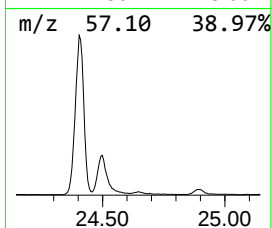
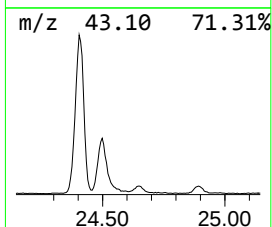
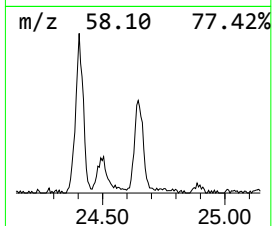
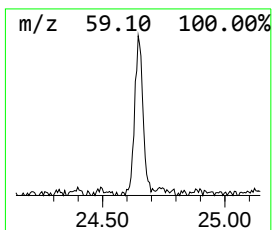
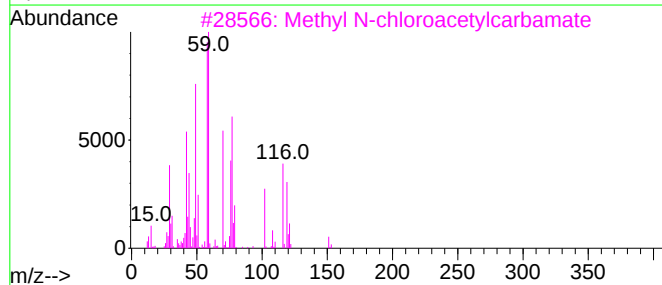
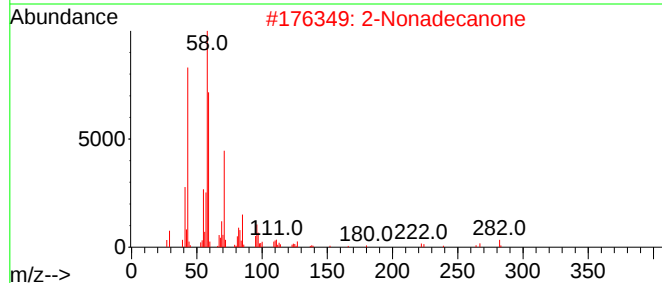
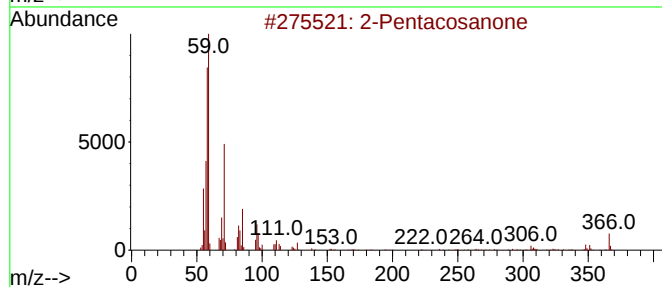
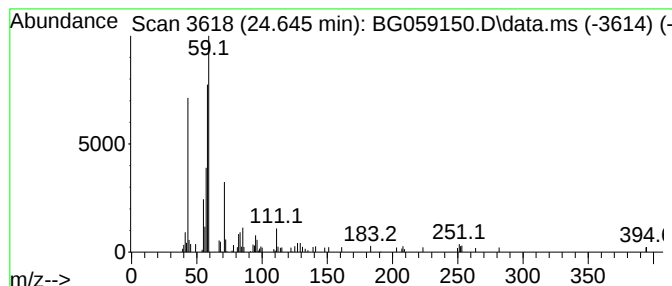
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 2-Pentacosanone Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.645	5.10 ng/ul	142145	Perylene-d12	25.538

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentacosanone	366	C25H50O	075207-54-4	59
2		2-Nonadecanone	282	C19H38O	000629-66-3	53
3		Methyl N-chloroacetylcarbamate	151	C4H6ClNO3	013558-70-8	53
4		2-Nonadecanone	282	C19H38O	000629-66-3	53
5		2-Pentadecanone	226	C15H30O	002345-28-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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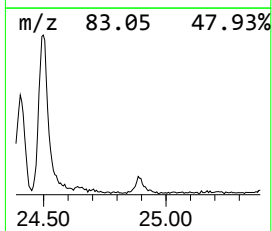
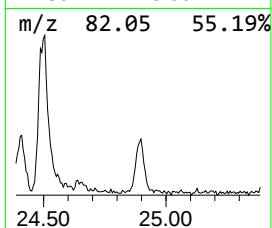
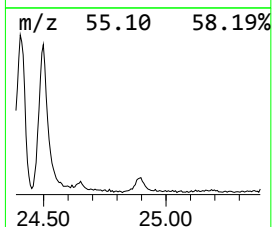
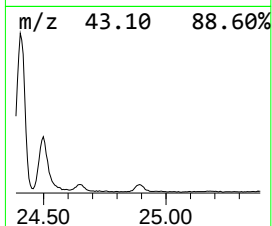
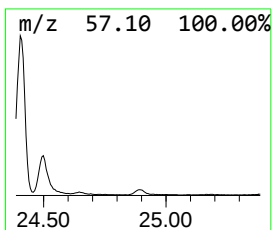
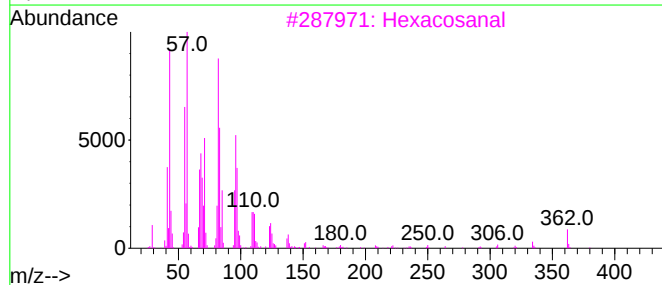
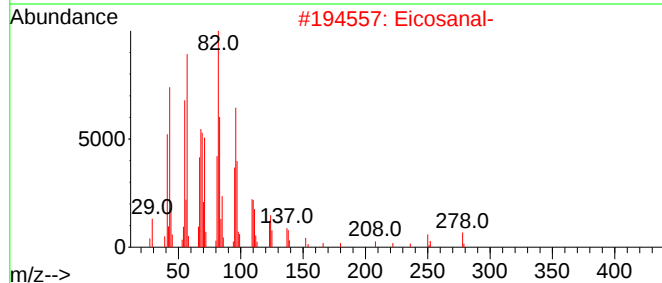
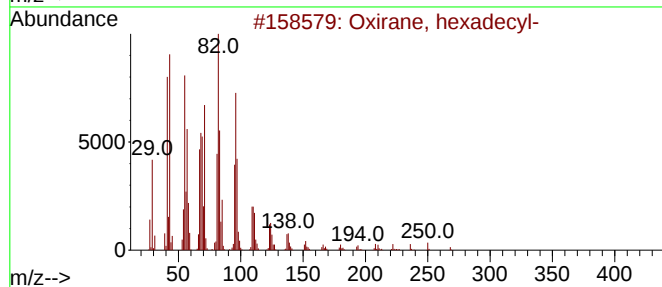
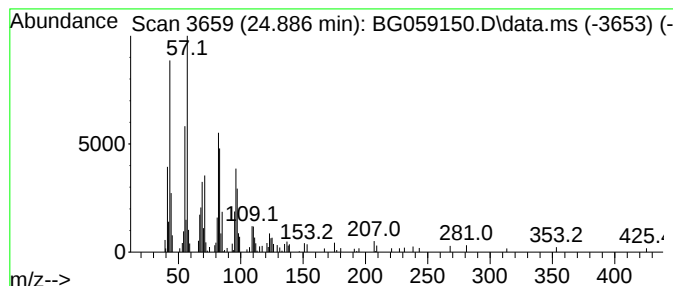
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Oxirane, hexadecyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.886	7.70 ng/ul	214446	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
2			Eicosanal-	296	C20H40O	002400-66-0	68
3			Hexacosanal	380	C26H52O	026627-85-0	64
4			2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	64
5			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
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Sample : 04386-07
Misc :
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Instrument :
BNA_G
ClientSampleId :
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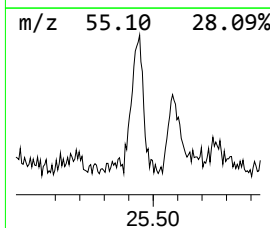
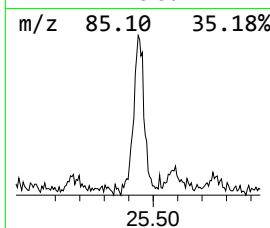
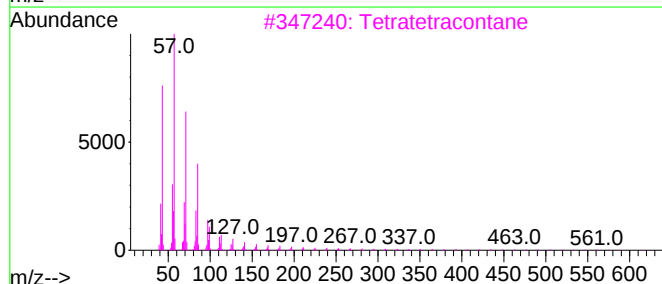
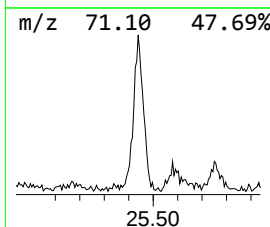
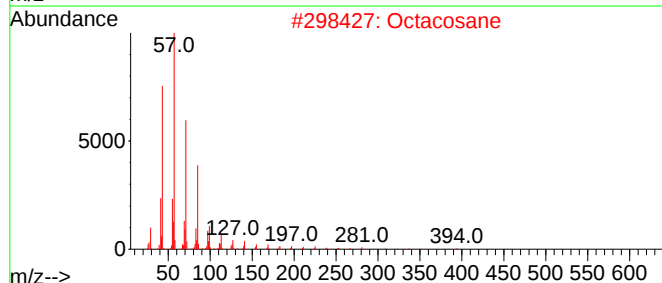
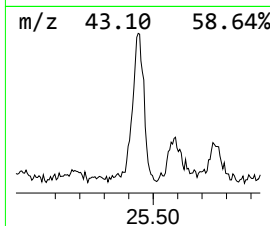
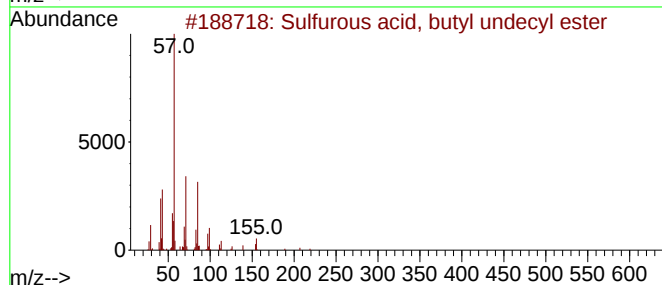
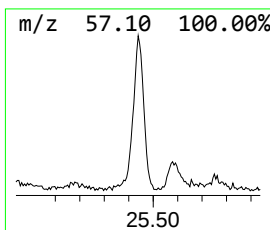
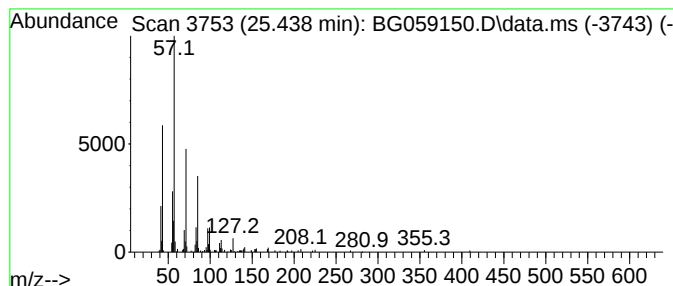
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Sulfurous acid, butyl undec... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.438	10.42 ng/ul	290308	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	86
2			Octacosane	394	C28H58	000630-02-4	86
3			Tetratetracontane	619	C44H90	007098-22-8	83
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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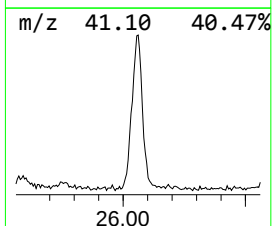
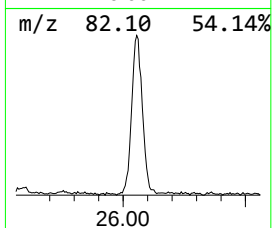
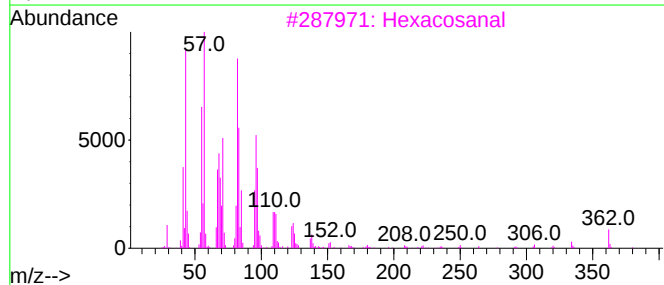
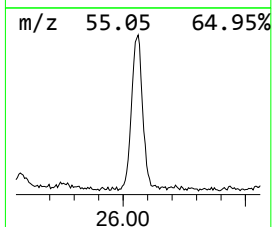
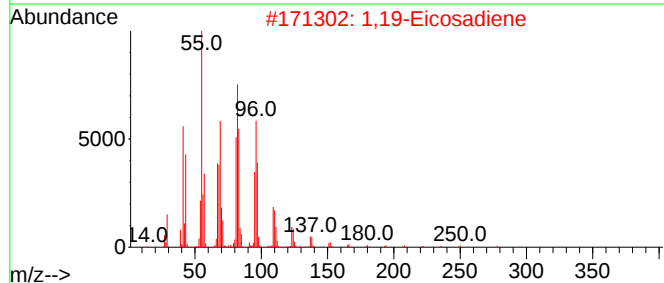
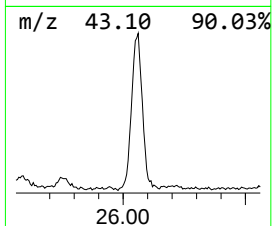
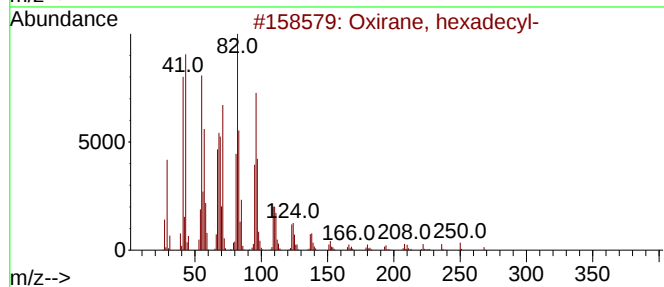
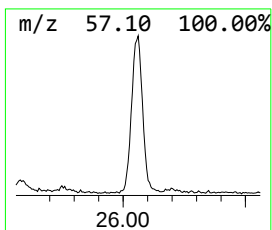
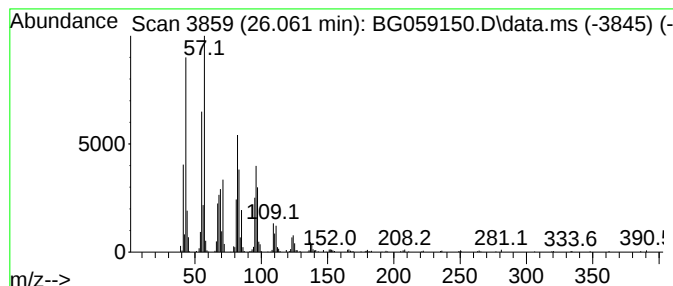
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Hexacosanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.061	54.59 ng/ul	1521250	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2			1,19-Eicosadiene	278	C20H38	014811-95-1	80
3			Hexacosanal	380	C26H52O	026627-85-0	74
4			1,19-Eicosadiene	278	C20H38	014811-95-1	72
5			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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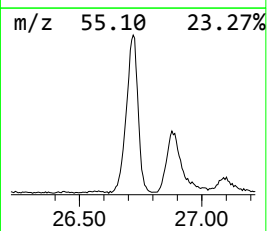
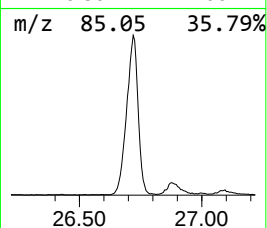
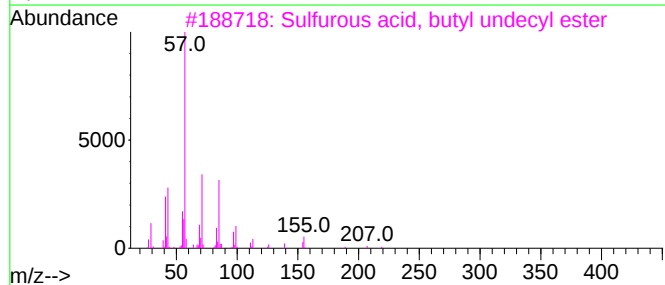
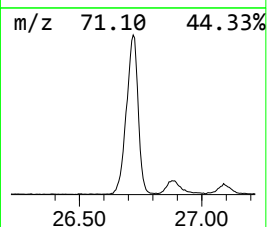
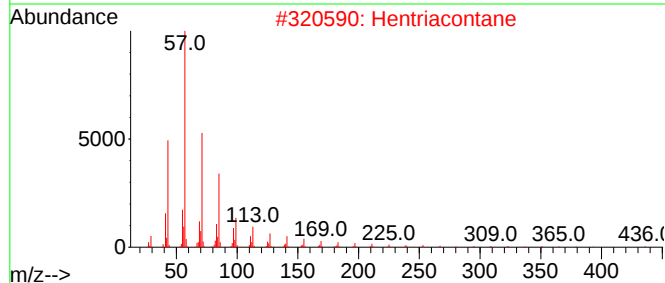
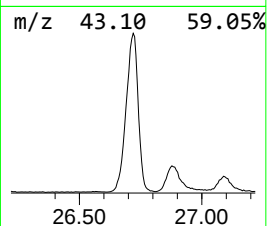
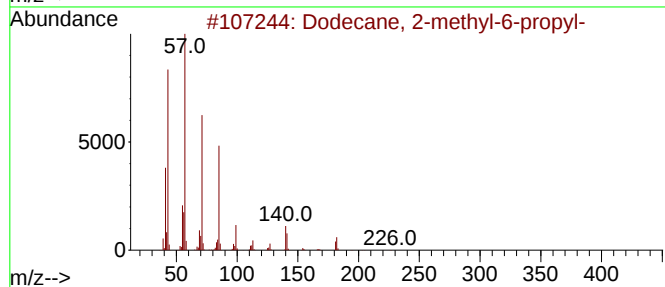
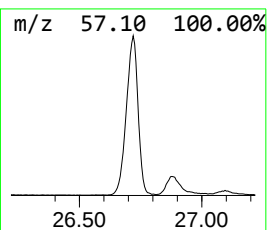
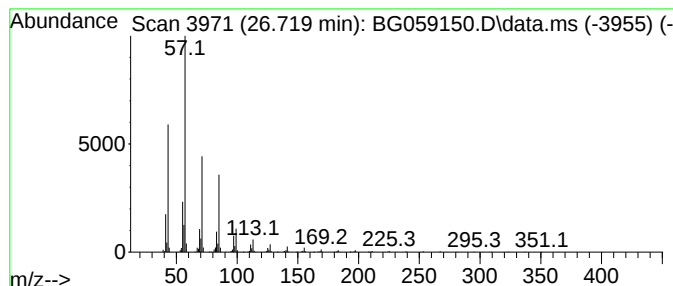
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.719	198.13 ng/ul	5520950	Perylene-d12	25.538

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	90
4		Tetratetracontane	619	C44H90	007098-22-8	86
5		Hexatriacontane	507	C36H74	000630-06-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
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Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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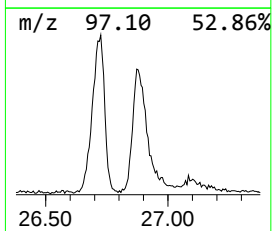
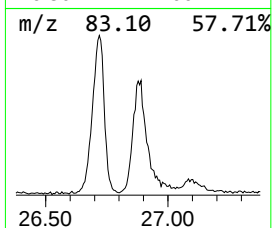
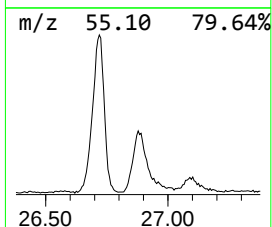
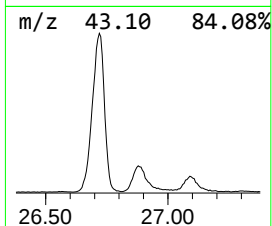
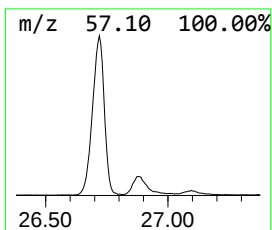
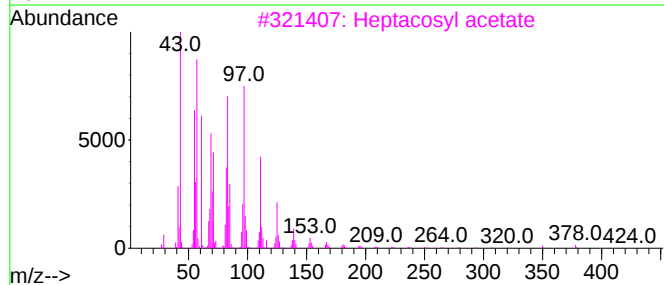
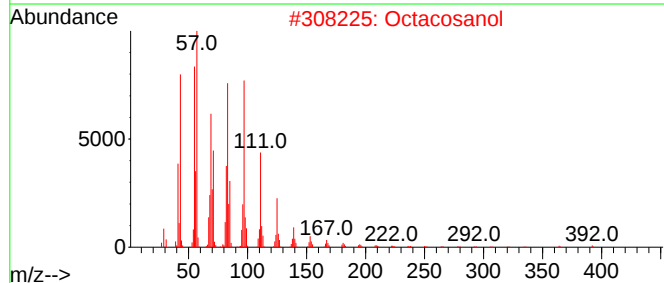
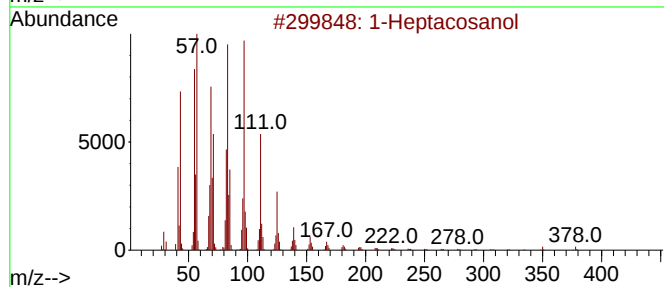
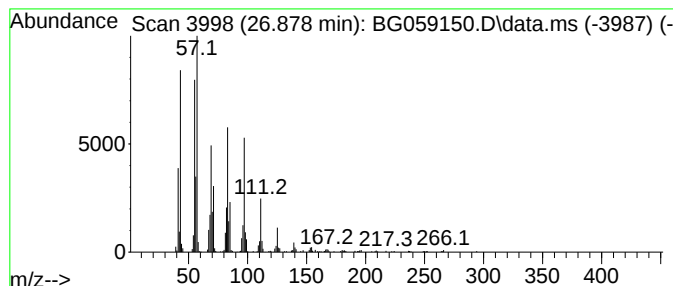
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.878	53.40 ng/ul	1488080	Perylene-d12	25.538

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	91
2		Octacosanol	410	C28H58O	000557-61-9	91
3		Heptacosyl acetate	438	C29H58O2	1000351-78-2	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
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Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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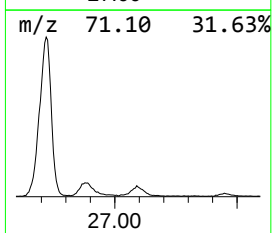
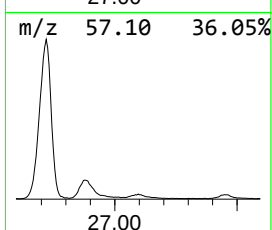
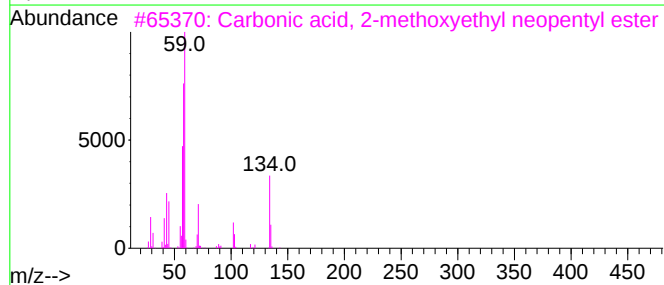
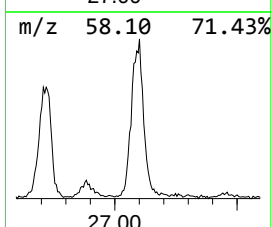
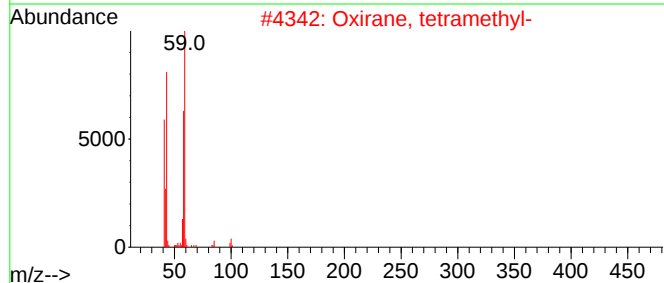
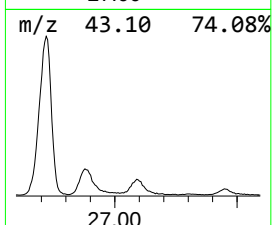
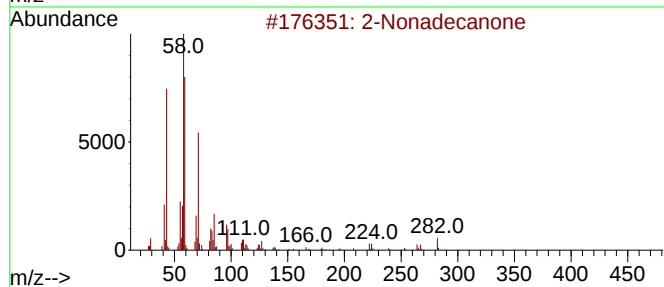
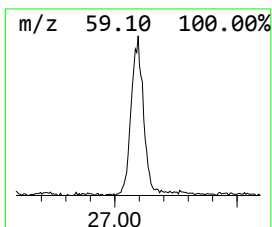
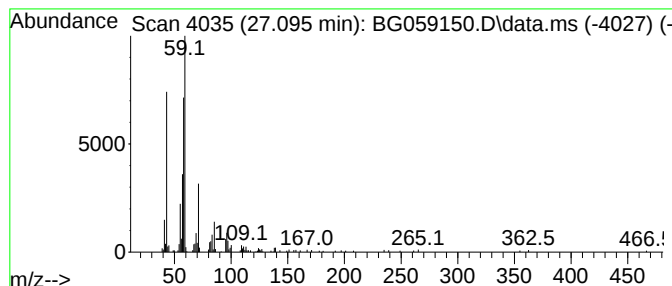
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 2-Nonadecanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.095	17.84 ng/ul	497119	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone			282	C19H38O	000629-66-3	53
2	Oxirane, tetramethyl-			100	C6H12O	005076-20-0	53
3	Carbonic acid, 2-methoxyethyl ne...			190	C9H18O4	1000331-42-7	50
4	Octanal, 7-hydroxy-3,7-dimethyl-			172	C10H20O2	000107-75-5	47
5	2-Nonadecanone			282	C19H38O	000629-66-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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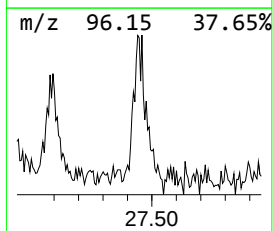
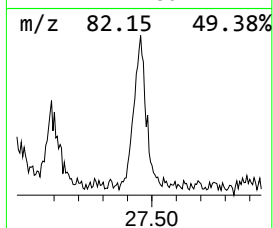
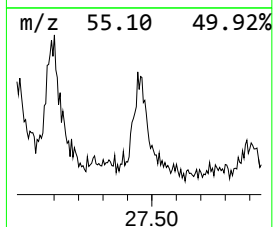
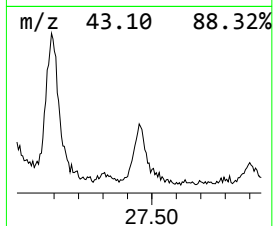
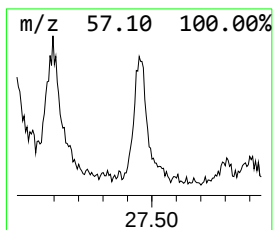
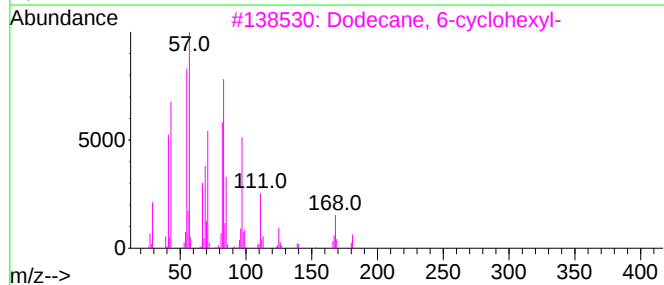
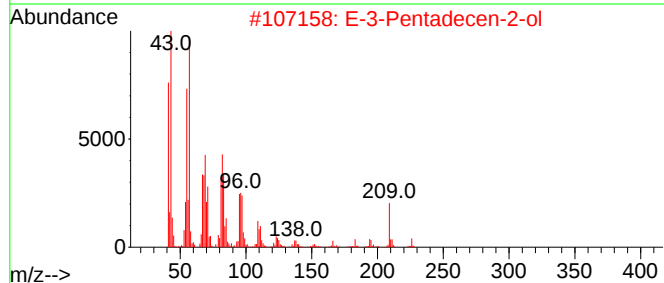
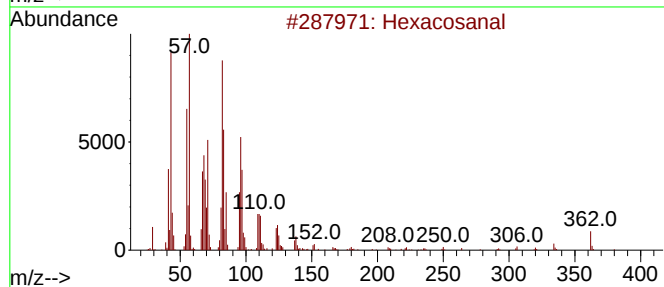
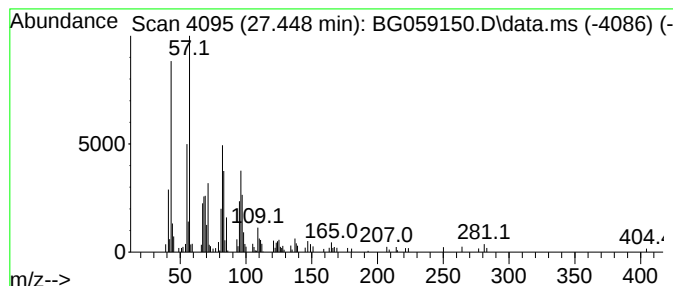
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.448	9.63 ng/ul	268336	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosanal	380	C26H52O	026627-85-0	59
2			E-3-Pentadecen-2-ol	226	C15H30O	1000130-83-8	43
3			Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	38
4			Pentadecanal-	226	C15H30O	002765-11-9	38
5			Octadecanal	268	C18H36O	000638-66-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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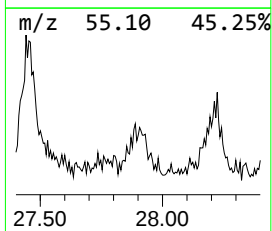
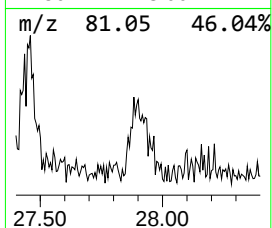
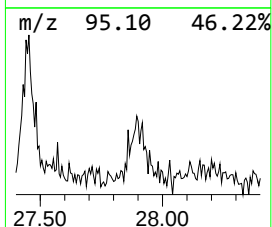
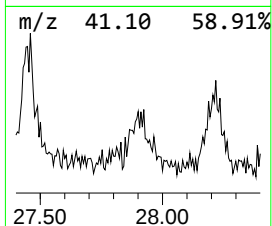
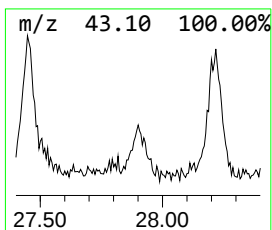
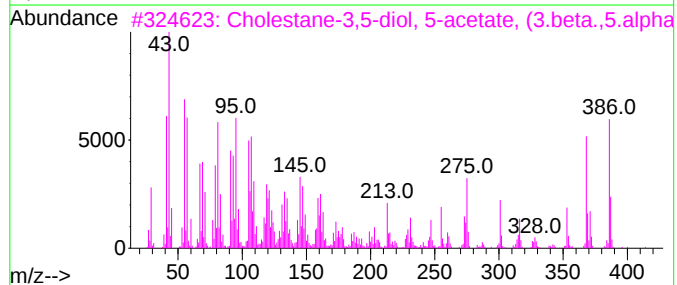
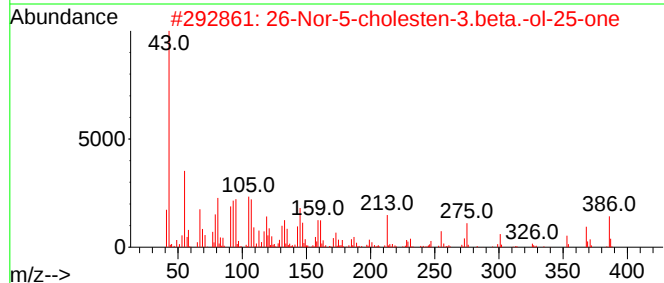
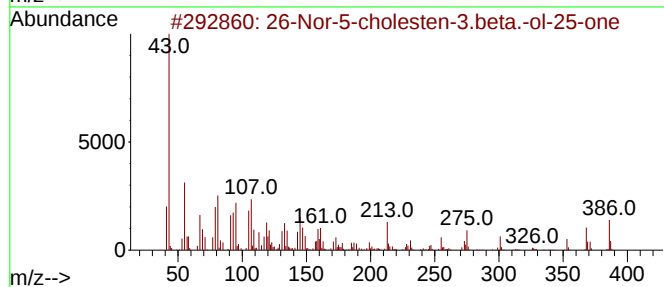
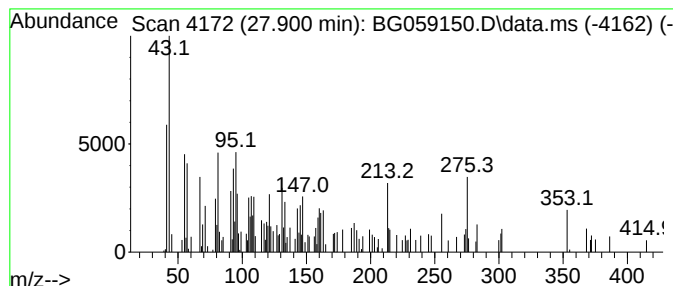
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.900	5.66 ng/ul	157668	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	35		
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	35		
3	Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	27		
4	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	12		
5	Cholesterol	386	C27H46O	000057-88-5	10		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

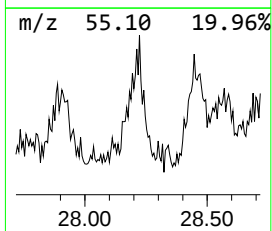
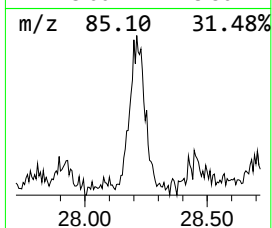
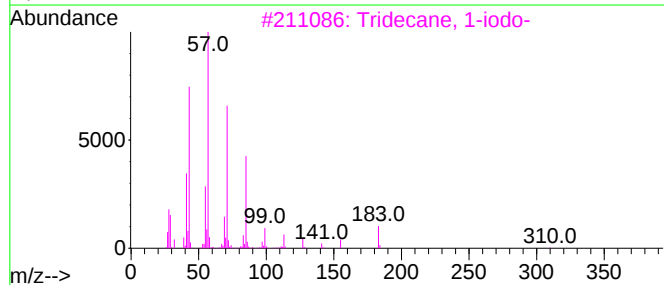
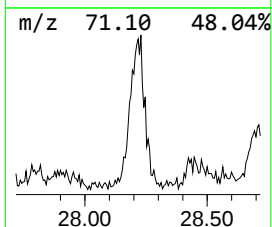
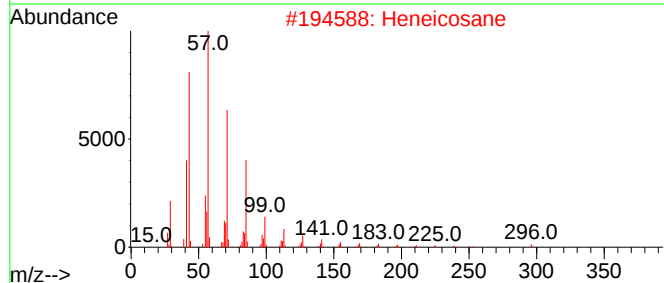
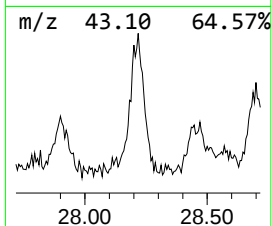
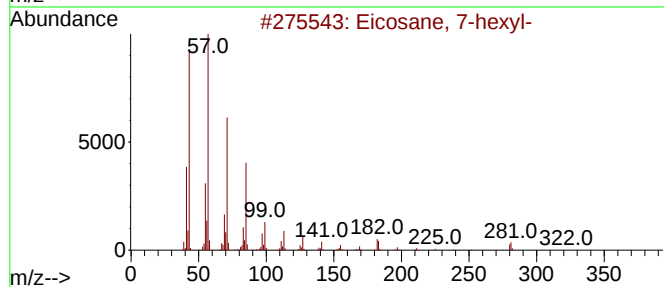
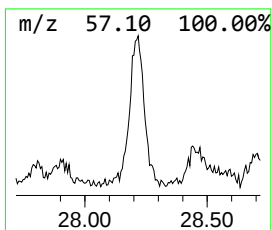
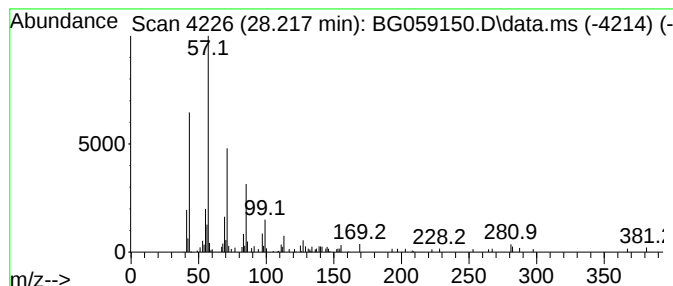
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
28.218	8.62 ng/ul	240072	Perylene-d12	25.538	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	74
2	Heneicosane	296	C21H44	000629-94-7	72
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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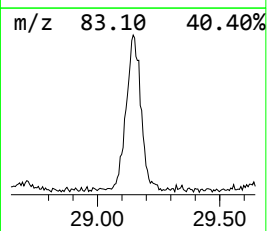
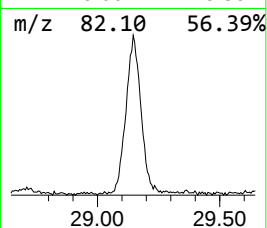
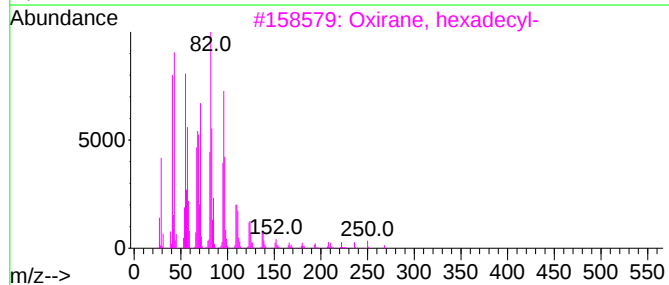
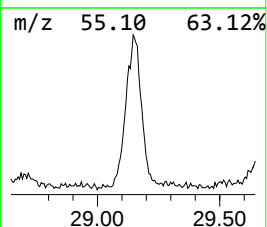
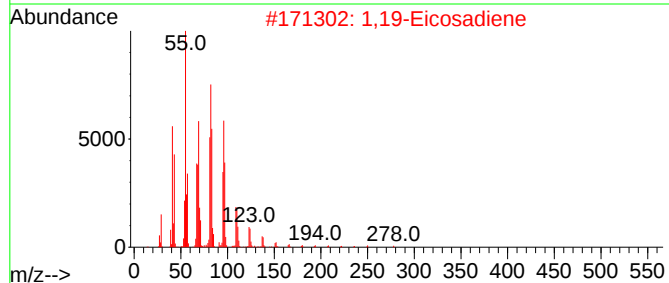
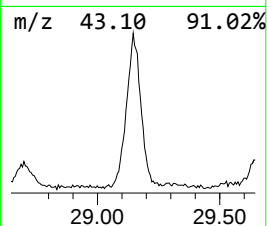
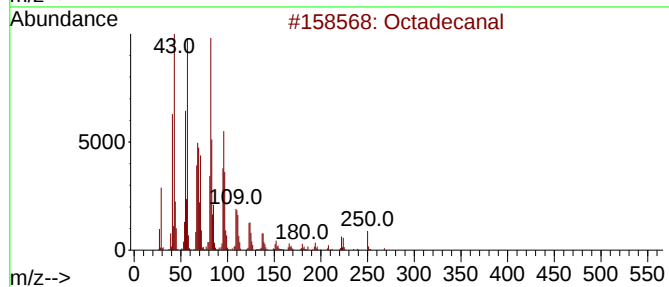
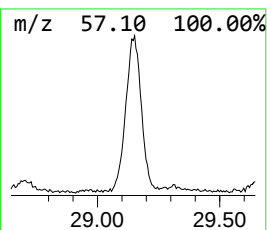
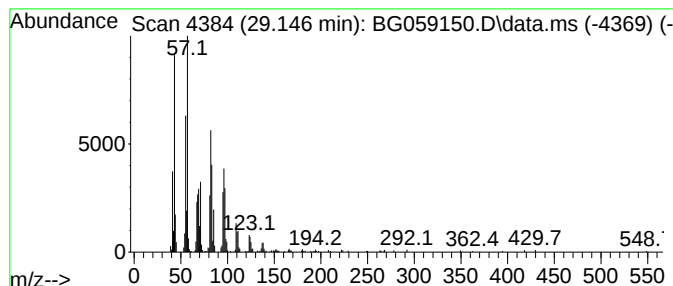
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.146	48.79 ng/ul	1359430	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	93
2			1,19-Eicosadiene	278	C20H38	014811-95-1	91
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4			Hexacosanal	380	C26H52O	026627-85-0	90
5			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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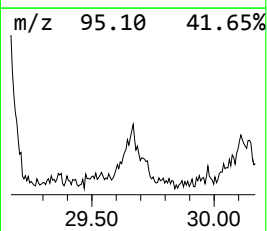
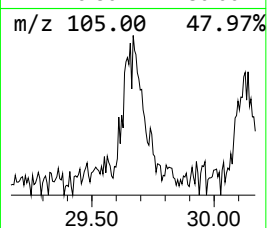
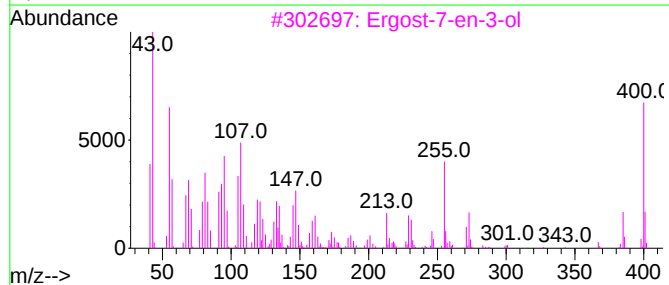
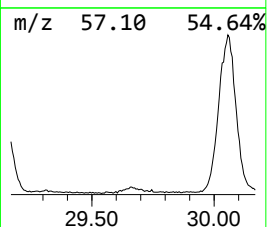
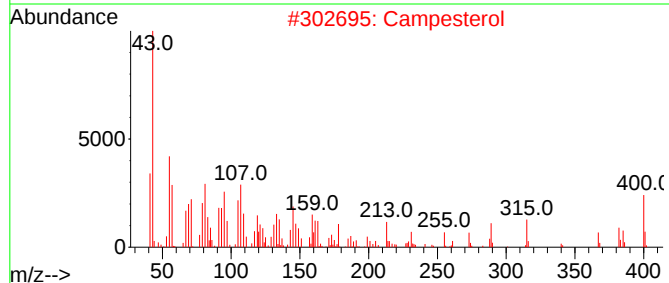
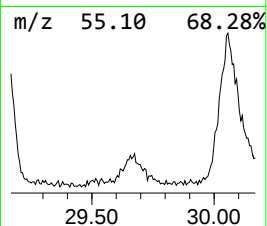
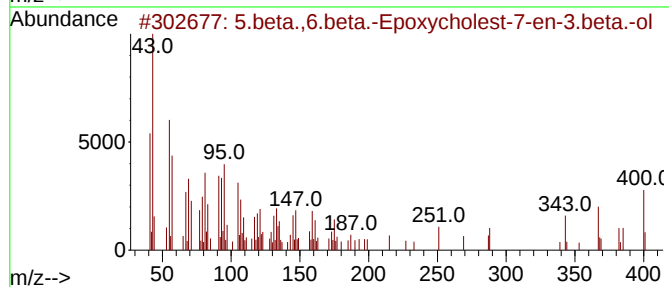
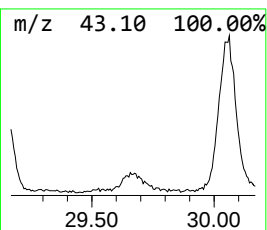
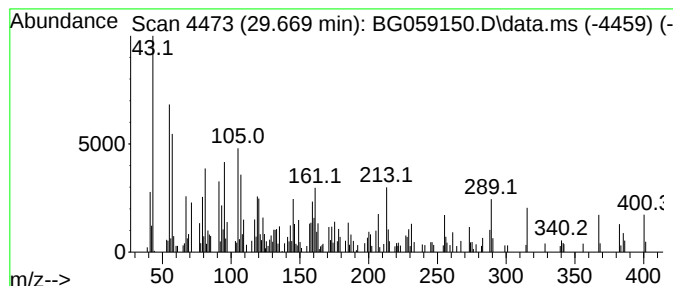
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 5.beta.,6.beta.-Epoxycholes... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.669	17.86 ng/ul	497767	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.beta.,6.beta.-Epoxycholest-7-e...	400	C27H44O2	095841-71-7	70		
2	Campesterol	400	C28H48O	000474-62-4	55		
3	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	52		
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	52		
5	Campesterol	400	C28H48O	000474-62-4	50		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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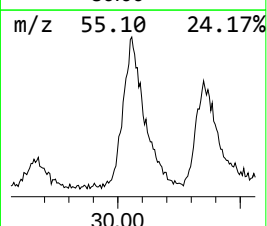
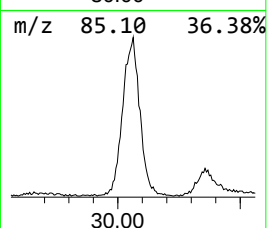
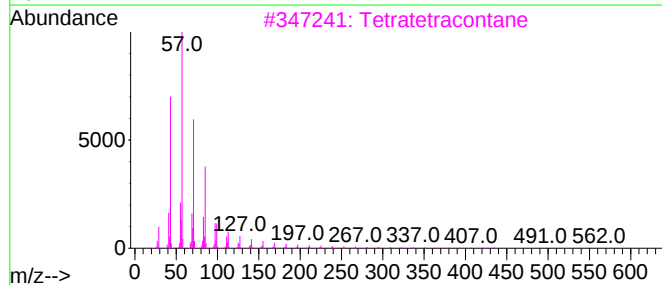
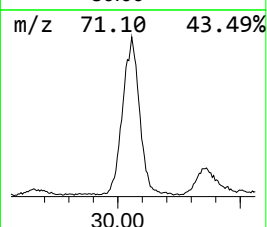
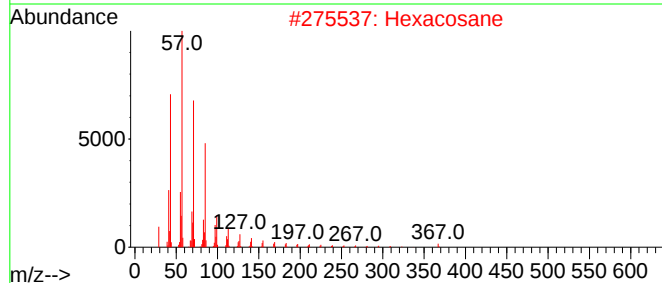
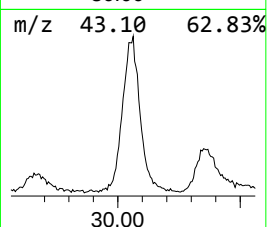
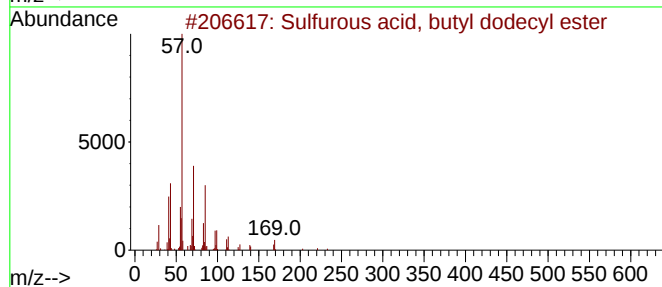
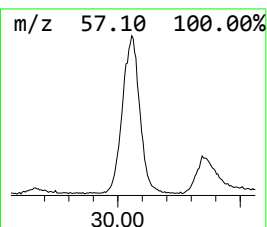
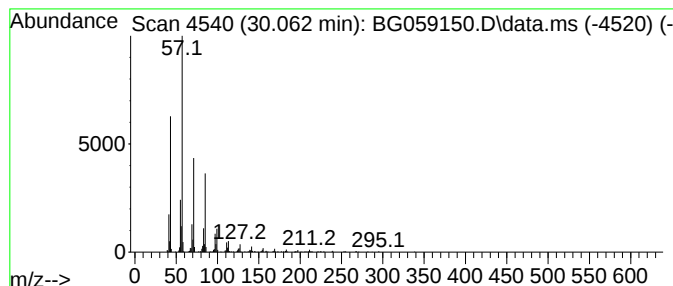
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 Sulfurous acid, butyl dodec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.062	79.68 ng/ul	2220330	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
2			Hexacosane	366	C26H54	000630-01-3	90
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Hentriacontane	437	C31H64	000630-04-6	90
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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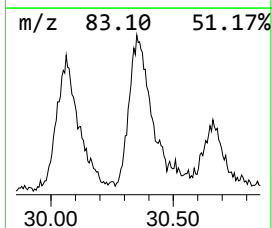
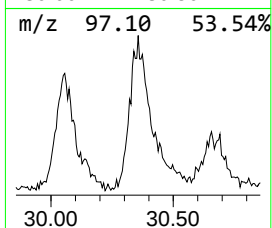
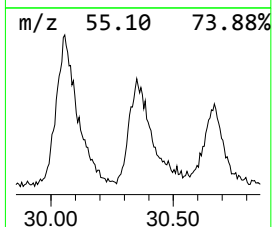
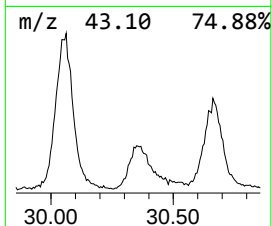
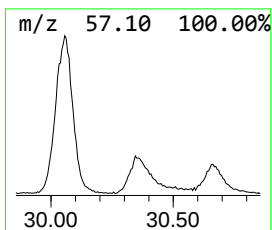
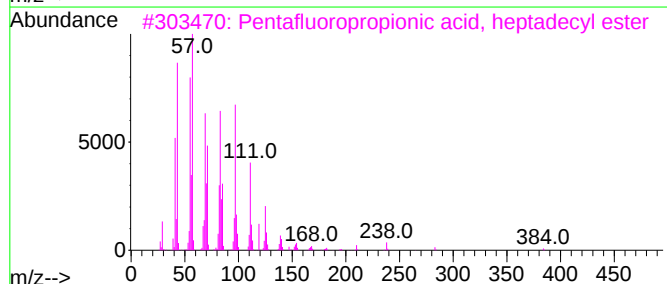
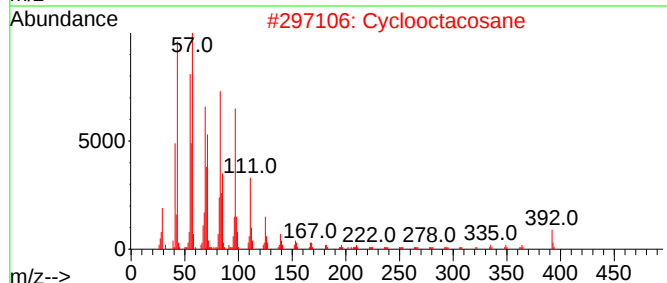
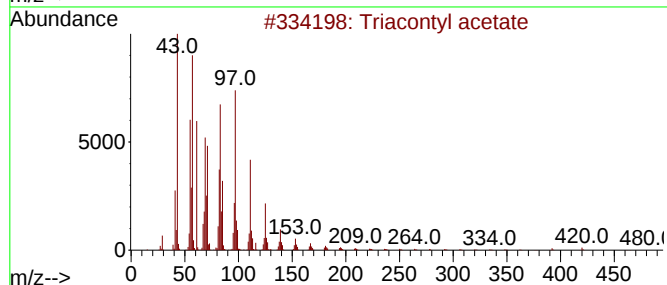
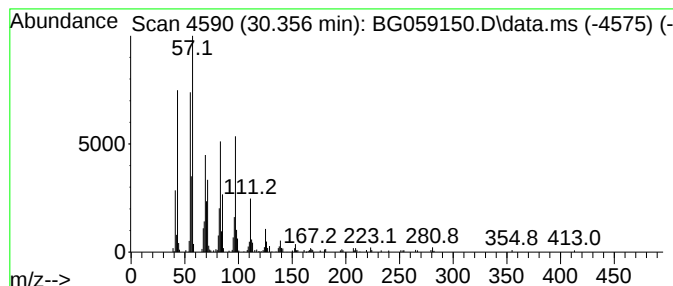
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 Triacontyl acetate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.356	34.95 ng/ul	973855	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontyl acetate	480	C32H64O2	041755-58-2	91
2			Cyclooctacosane	392	C28H56	000297-24-5	91
3			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5			Octacosanol	410	C28H58O	000557-61-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

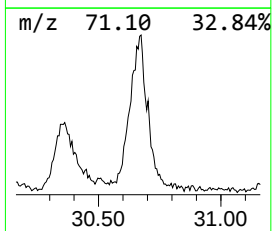
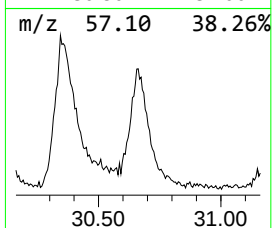
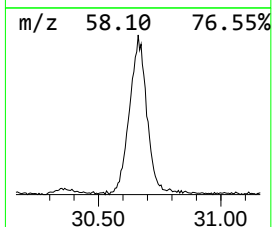
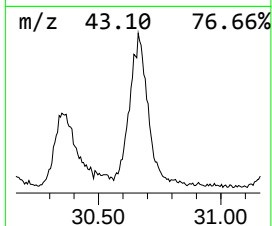
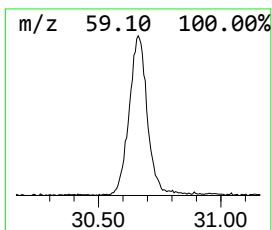
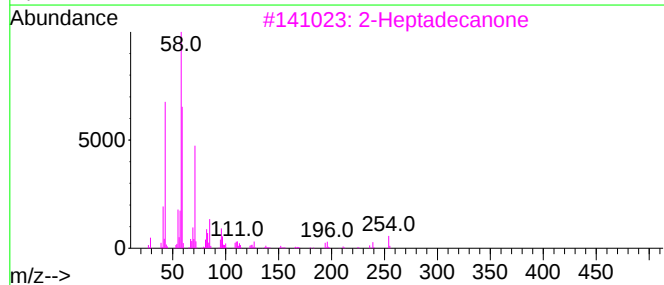
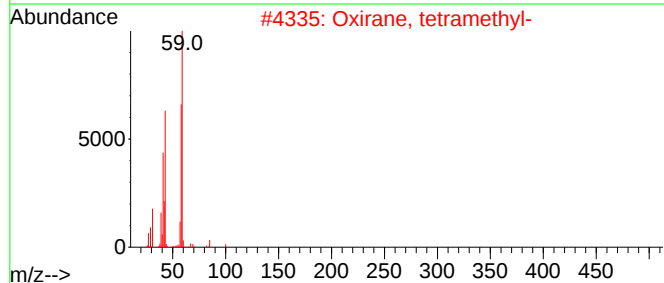
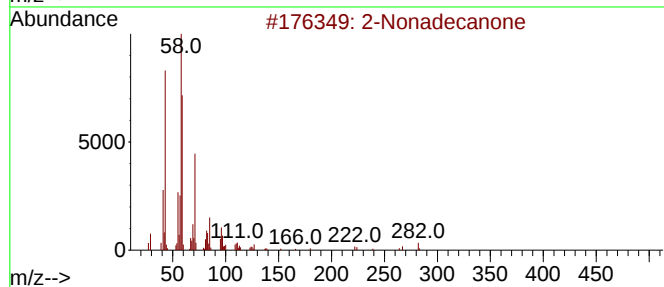
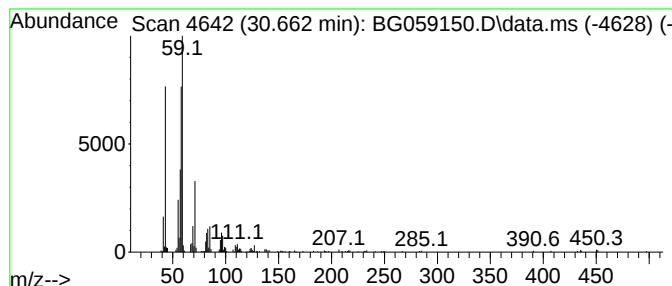
Instrument :
BNA_G
ClientSampleId :
C0AC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 45 Oxirane, tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
30.662	41.72 ng/ul	1162610	Perylene-d12		25.538	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Nonadecanone		282	C19H38O	000629-66-3	68
2	Oxirane, tetramethyl-		100	C6H12O	005076-20-0	59
3	2-Heptadecanone		254	C17H34O	002922-51-2	59
4	2-Hexadecanone		240	C16H32O	018787-63-8	59
5	2-Hexadecanone		240	C16H32O	018787-63-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC0

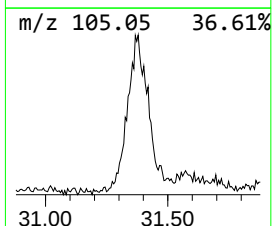
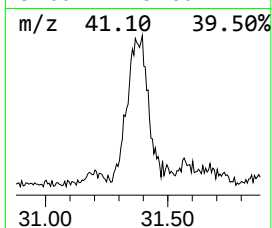
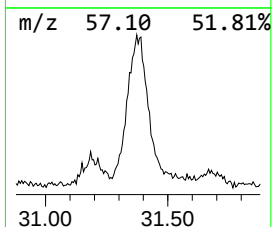
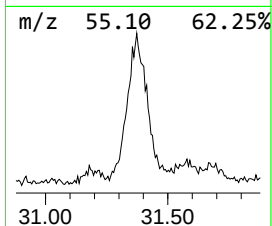
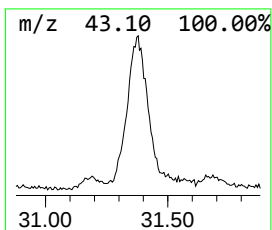
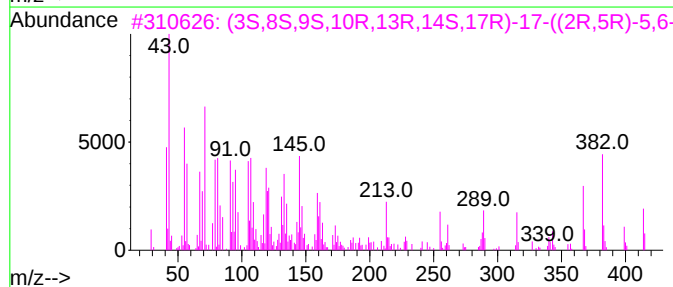
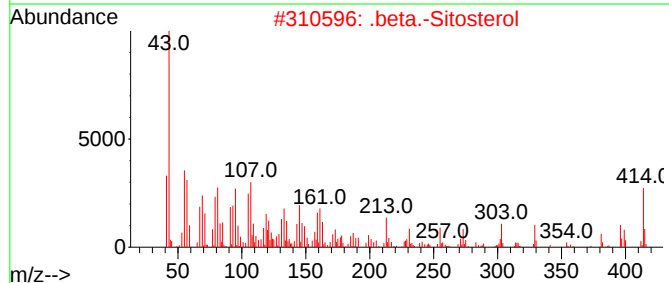
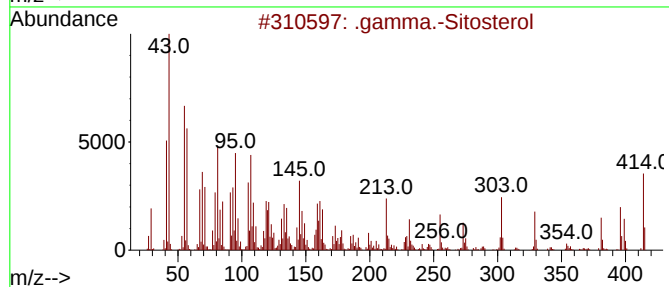
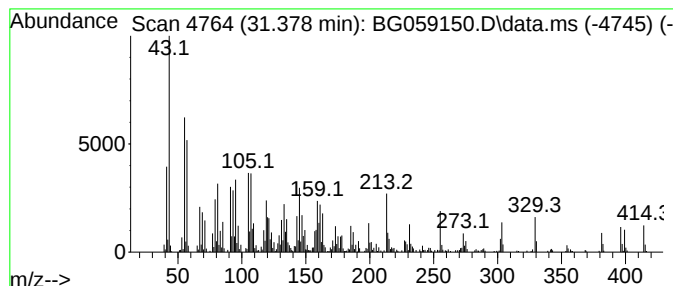
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.378	101.22 ng/ul	2820430	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	gamma.-Sitosterol	414	C29H50O	000083-47-6	95	
2	.	beta.-Sitosterol	414	C29H50O	000083-46-5	52	
3	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	49		
4	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	38		
5	Campesterol	400	C28H48O	000474-62-4	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059150.D
Acq On : 21 Sep 2023 22:08
Operator : MA/JU
Sample : 04386-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC0

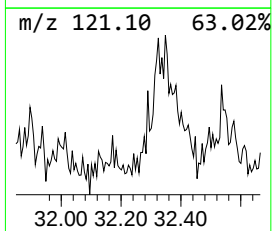
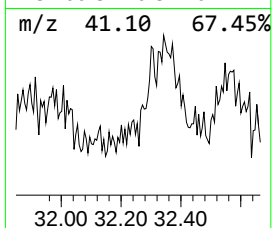
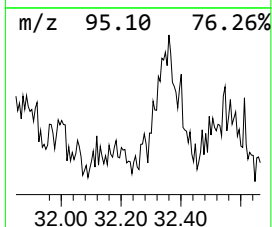
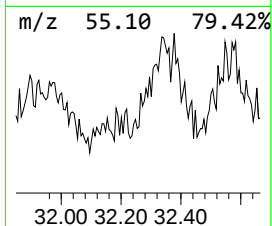
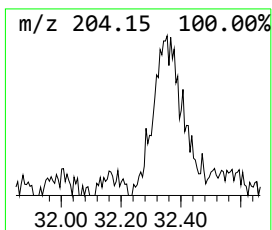
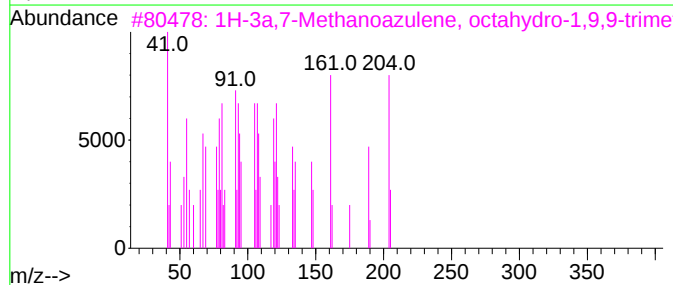
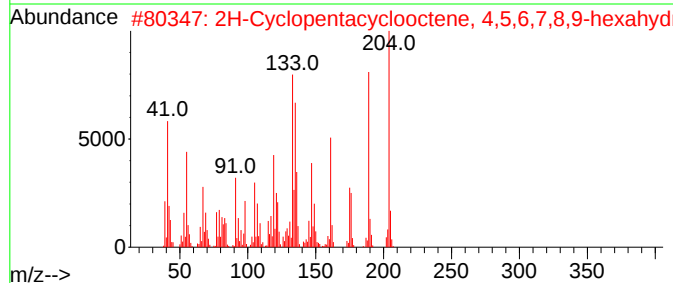
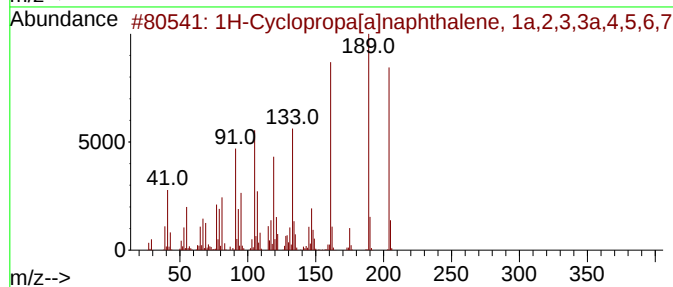
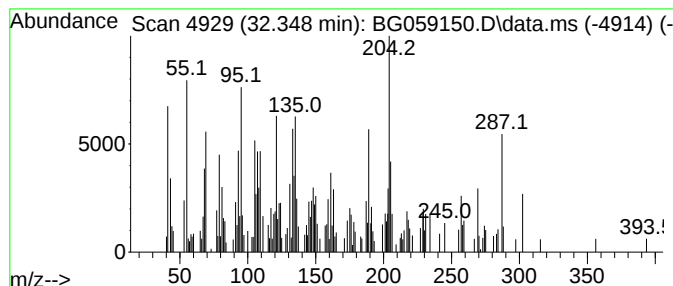
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 47 1H-Cyclopropa[a]naphthalene... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.348	13.75 ng/ul	383177	Perylene-d12	25.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	55
2			2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	52
3			1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	46
4			1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	46
5			3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059150.D
 Acq On : 21 Sep 2023 22:08
 Operator : MA/JU
 Sample : 04386-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzeneacetone...	12.806	29.9	ng/ul	413153	2	11.137	276370	20.0
(DEL) Alkane: S...	18.382	2.5	ng/ul	56934	4	17.671	458061	20.0
n-Hexadecanoic ...	18.494	19.3	ng/ul	442864	4	17.671	458061	20.0
1-Pentadecyne	19.616	4.6	ng/ul	104781	4	17.671	458061	20.0
unknown-01	19.639	3.3	ng/ul	74791	4	17.671	458061	20.0
Oxalic acid, cy...	20.262	5.1	ng/ul	117119	5	21.990	462230	20.0
Sulfurous acid,...	20.491	8.5	ng/ul	196762	5	21.990	462230	20.0
Heptadecanoic acid	20.826	2.9	ng/ul	66578	5	21.990	462230	20.0
(DEL) Alkane: S...	20.997	2.6	ng/ul	59562	5	21.990	462230	20.0
Heptafluorobuty...	21.537	43.9	ng/ul	1013500	5	21.990	462230	20.0
Docosanoic acid	21.931	8.9	ng/ul	205129	5	21.990	462230	20.0
(DEL) Alkane: S...	22.113	3.5	ng/ul	80431	5	21.990	462230	20.0
1,19-Eicosadiene	22.389	7.1	ng/ul	163214	5	21.990	462230	20.0
(DEL) Alkane: S...	22.765	18.5	ng/ul	426663	5	21.990	462230	20.0
(DEL) Alkane: S...	22.806	48.5	ng/ul	1119740	5	21.990	462230	20.0
Oxirane, heptad...	23.094	5.5	ng/ul	127727	5	21.990	462230	20.0
Tetracosanoic acid	23.317	6.0	ng/ul	138294	5	21.990	462230	20.0
(DEL) Alkane: S...	23.517	10.7	ng/ul	247481	5	21.990	462230	20.0
Tetradecyl trif...	23.593	4.5	ng/ul	104017	5	21.990	462230	20.0
1,13-Tetradecad...	23.922	30.3	ng/ul	844197	6	25.538	557311	20.0
(DEL) Alkane: S...	24.404	112.3	ng/ul	3130510	6	25.538	557311	20.0
Behenic alcohol	24.498	63.3	ng/ul	1765050	6	25.538	557311	20.0
2-Pentacosanone	24.645	5.1	ng/ul	142145	6	25.538	557311	20.0
Oxirane, hexade...	24.886	7.7	ng/ul	214446	6	25.538	557311	20.0
Sulfurous acid,...	25.438	10.4	ng/ul	290308	6	25.538	557311	20.0
Hexacosanal	26.061	54.6	ng/ul	1521250	6	25.538	557311	20.0
(DEL) Alkane: S...	26.719	198.1	ng/ul	5520950	6	25.538	557311	20.0
1-Heptacosanol	26.878	53.4	ng/ul	1488080	6	25.538	557311	20.0
2-Nonadecanone	27.095	17.8	ng/ul	497119	6	25.538	557311	20.0
unknown-02	27.448	9.6	ng/ul	268336	6	25.538	557311	20.0
unknown-03	27.900	5.7	ng/ul	157668	6	25.538	557311	20.0
(DEL) Alkane: S...	28.218	8.6	ng/ul	240072	6	25.538	557311	20.0
Octadecanal	29.146	48.8	ng/ul	1359430	6	25.538	557311	20.0
5.beta.,6.beta....	29.669	17.9	ng/ul	497767	6	25.538	557311	20.0
Sulfurous acid,...	30.062	79.7	ng/ul	2220330	6	25.538	557311	20.0
Triacetyl acetate	30.356	35.0	ng/ul	973855	6	25.538	557311	20.0
Oxirane, tetram...	30.662	41.7	ng/ul	1162610	6	25.538	557311	20.0
.gamma.-Sitosterol	31.378	101.2	ng/ul	2820430	6	25.538	557311	20.0
1H-Cyclopropa[a...	32.348	13.8	ng/ul	383177	6	25.538	557311	20.0