

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050389.D
 Acq On : 2 Oct 2021 14:11
 Operator : CG/JU
 Sample : M3877-17MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2L8MSD

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-BG093021.M
 Title : SVOA CALIBRATION

Signal : TIC: BG050389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.677	28	32	41	rVB2	22437	41622	2.08%	0.072%
2	4.083	94	101	112	rVV2	147579	378570	18.91%	0.654%
3	7.402	659	666	680	rVV2	365011	1007925	50.36%	1.741%
4	7.585	688	697	706	rBV	109839	199758	9.98%	0.345%
5	7.679	706	713	721	rVV	165589	265317	13.26%	0.458%
6	7.796	725	733	735	rBV	151544	251162	12.55%	0.434%
7	7.825	735	738	750	rVB	196955	352128	17.59%	0.608%
8	8.272	807	814	821	rVV	219866	381872	19.08%	0.660%
9	8.695	879	886	894	rVV	254017	439131	21.94%	0.758%
10	8.789	894	902	910	rVV2	148034	366929	18.33%	0.634%
11	8.959	922	931	936	rBV	166437	307952	15.39%	0.532%
12	9.024	936	942	946	rVV	239924	446073	22.29%	0.770%
13	9.095	946	954	964	rVV2	300075	831465	41.54%	1.436%
14	9.365	993	1000	1007	rBV2	173992	314393	15.71%	0.543%
15	9.441	1007	1013	1016	rVV	138147	257379	12.86%	0.445%
16	9.482	1016	1020	1030	rVV	194949	354871	17.73%	0.613%
17	10.005	1097	1109	1118	rBV	299069	508408	25.40%	0.878%
18	10.164	1130	1136	1138	rVV	120038	197263	9.86%	0.341%
19	10.199	1138	1142	1145	rVV	156764	304733	15.23%	0.526%
20	10.240	1145	1149	1158	rVV	193431	335456	16.76%	0.579%
21	10.481	1183	1190	1200	rVB	201110	344013	17.19%	0.594%
22	10.728	1220	1232	1241	rVV2	254678	735692	36.76%	1.271%
23	10.845	1244	1252	1263	rBV	100999	179280	8.96%	0.310%
24	11.098	1285	1295	1299	rBV	295788	558772	27.92%	0.965%
25	11.145	1299	1303	1310	rVV	321942	583220	29.14%	1.007%
26	11.245	1310	1320	1329	rVB3	237531	676243	33.79%	1.168%
27	11.421	1343	1350	1358	rVB	251310	424999	21.23%	0.734%
28	12.003	1440	1449	1470	rVV2	122256	362631	18.12%	0.626%
29	12.338	1496	1506	1517	rVB	289508	490951	24.53%	0.848%
30	12.608	1544	1552	1559	rVV5	17838	47312	2.36%	0.082%
31	12.731	1565	1573	1582	rBV	426744	710041	35.48%	1.226%
32	12.849	1588	1593	1601	rVV3	26656	41999	2.10%	0.073%
33	12.949	1603	1610	1618	rVB	419752	688713	34.41%	1.189%
34	13.090	1623	1634	1641	rBV3	351797	809319	40.44%	1.398%
35	13.325	1665	1674	1680	rVV	297274	493504	24.66%	0.852%
36	13.390	1680	1685	1695	rVV	296051	498013	24.88%	0.860%

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Integrator: RTE

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37	13.695	1730	1737	1739	rBV	359700	625128	31.23%	1.080%
38	13.724	1739	1742	1746	rVV	497758	744516	37.20%	1.286%
39	13.771	1746	1750	1758	rVB	410244	642834	32.12%	1.110%
40	13.965	1774	1783	1791	rBV	240099	410328	20.50%	0.709%
41	14.283	1828	1837	1841	rBV	311894	480702	24.02%	0.830%
42	14.330	1841	1845	1851	rVV	417165	594747	29.72%	1.027%
43	14.453	1859	1866	1872	rVB	288112	439003	21.93%	0.758%
44	14.588	1882	1889	1890	rBV	340952	527693	26.37%	0.911%
45	14.612	1890	1893	1902	rVB	415599	666340	33.29%	1.151%
46	14.782	1914	1922	1932	rBV	251387	406574	20.31%	0.702%
47	14.888	1932	1940	1945	rBV	453606	722681	36.11%	1.248%
48	14.952	1945	1951	1955	rBV	506767	837493	41.84%	1.446%
49	15.064	1962	1970	1981	rVB3	328290	663098	33.13%	1.145%
50	15.199	1984	1993	1996	rVV	377050	628973	31.43%	1.086%
51	15.234	1996	1999	2003	rVV	290588	434858	21.73%	0.751%
52	15.281	2003	2007	2017	rVB	479513	726494	36.30%	1.255%
53	15.370	2017	2022	2031	rBV2	18080	30356	1.52%	0.052%
54	15.499	2038	2044	2052	rVB	352115	531920	26.58%	0.919%
55	15.687	2068	2076	2082	rBV	486778	707721	35.36%	1.222%
56	15.875	2101	2108	2112	rVV	439740	707551	35.35%	1.222%
57	15.928	2112	2117	2123	rVV3	890997	1908786	95.37%	3.297%
58	15.986	2123	2127	2137	rVV3	267121	509929	25.48%	0.881%
59	16.127	2144	2151	2157	rVV	610000	875357	43.74%	1.512%
60	16.809	2261	2267	2274	rVB	434348	654309	32.69%	1.130%
61	16.927	2279	2287	2295	rBV	403348	631345	31.54%	1.090%
62	17.068	2305	2311	2320	rVB	527005	718959	35.92%	1.242%
63	17.267	2340	2345	2351	rBV	304257	467651	23.37%	0.808%
64	17.361	2357	2361	2366	rBV4	23757	35865	1.79%	0.062%
65	17.426	2366	2372	2377	rVV4	14686	27335	1.37%	0.047%
66	17.632	2400	2407	2410	rBV	558283	849861	42.46%	1.468%
67	17.673	2410	2414	2419	rVV	668346	1035140	51.72%	1.788%
68	17.731	2419	2424	2427	rVV2	465842	808422	40.39%	1.396%
69	17.767	2427	2430	2438	rVB	666852	911162	45.53%	1.574%
70	18.031	2468	2475	2481	rVB	594073	942362	47.08%	1.627%
71	18.237	2504	2510	2513	rVV2	56290	81273	4.06%	0.140%
72	18.272	2513	2516	2521	rVB	21127	27717	1.38%	0.048%
73	18.495	2548	2554	2562	rBV	594716	819526	40.95%	1.415%
74	18.572	2562	2567	2575	rVV	674012	905279	45.23%	1.563%
75	18.830	2607	2611	2617	rVB4	30869	46015	2.30%	0.079%
76	19.429	2705	2713	2716	rBV7	27341	49223	2.46%	0.085%

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77	19.670	2741	2754	2760	rBV	833424	1244139	62.16%	2.149%
78	19.753	2763	2768	2781	rBV	514360	713725	35.66%	1.233%
79	19.900	2789	2793	2799	rVB2	43371	72725	3.63%	0.126%
80	20.005	2804	2811	2813	rBV	590150	974323	48.68%	1.683%
81	20.029	2813	2815	2822	rVB	786637	1057413	52.83%	1.826%
82	20.135	2829	2833	2838	rVB	49293	66510	3.32%	0.115%
83	20.904	2959	2964	2970	rVB	710163	881502	44.04%	1.522%
84	21.151	3002	3006	3012	rBV	29880	46793	2.34%	0.081%
85	21.539	3067	3072	3080	rBV	118678	185798	9.28%	0.321%
86	21.797	3110	3116	3127	rBV2	826774	1686452	84.26%	2.913%
87	21.921	3129	3137	3143	rVV2	765802	2001430	100.00%	3.457%
88	21.985	3143	3148	3157	rVB	698346	1195779	59.75%	2.065%
89	22.784	3276	3284	3296	rBV7	72976	234510	11.72%	0.405%
90	23.025	3320	3325	3329	rBV	60546	111811	5.59%	0.193%
91	23.084	3329	3335	3343	rVB	573973	1067867	53.36%	1.844%
92	24.265	3526	3536	3542	rBV	458145	1186812	59.30%	2.050%
93	24.341	3542	3549	3560	rVV	457298	1304205	65.16%	2.252%
94	24.441	3560	3566	3573	rVB5	55845	136498	6.82%	0.236%
95	25.123	3672	3682	3688	rBV	258135	778538	38.90%	1.345%
96	25.199	3688	3695	3707	rVB	361115	1033944	51.66%	1.786%
97	25.364	3712	3723	3736	rVB3	283510	951151	47.52%	1.643%
98	26.615	3929	3936	3948	rVB3	70444	229847	11.48%	0.397%
99	29.294	4378	4392	4397	rBV2	217390	945405	47.24%	1.633%
100	30.522	4590	4601	4617	rVB	156222	774183	38.68%	1.337%

Sum of corrected areas: 57902995

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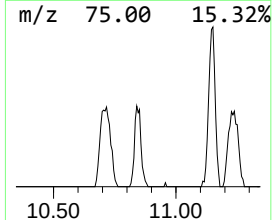
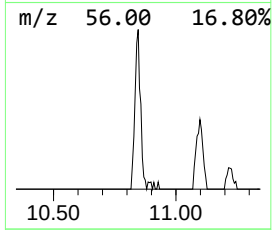
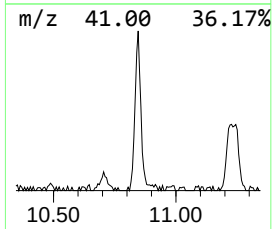
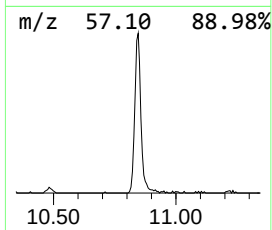
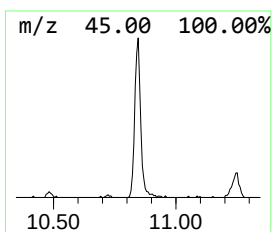
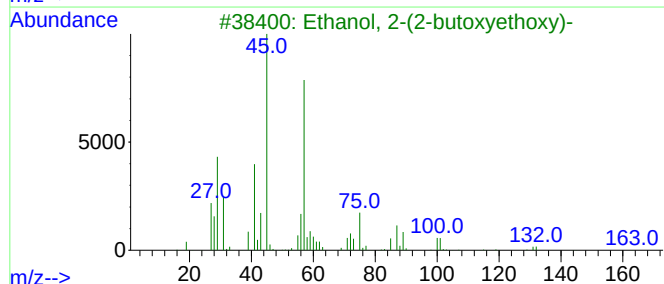
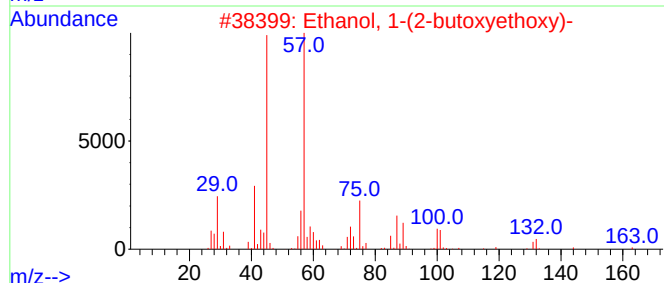
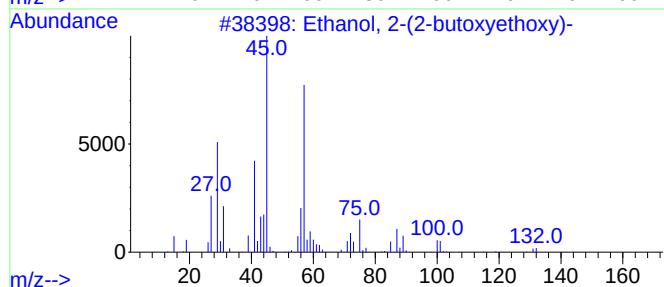
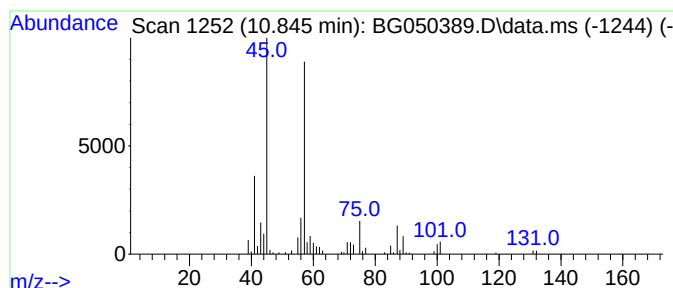
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	6.42 ng/ul	179280	Naphthalene-d8	11.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	58
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53



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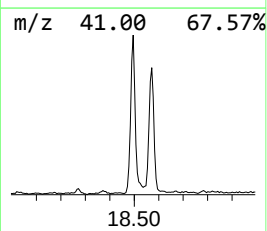
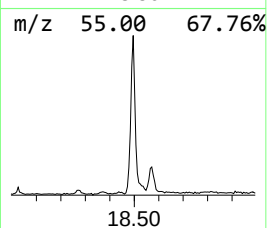
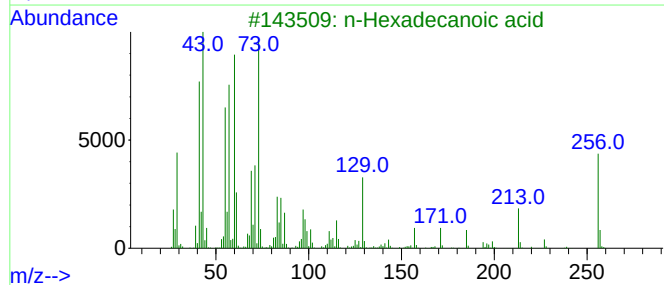
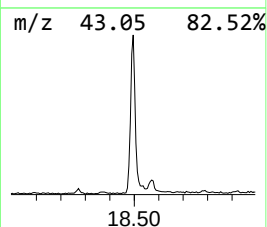
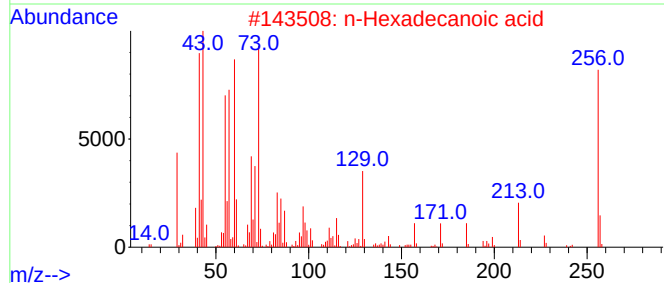
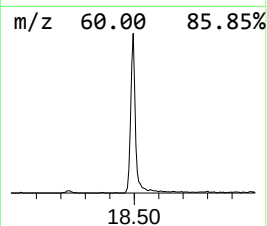
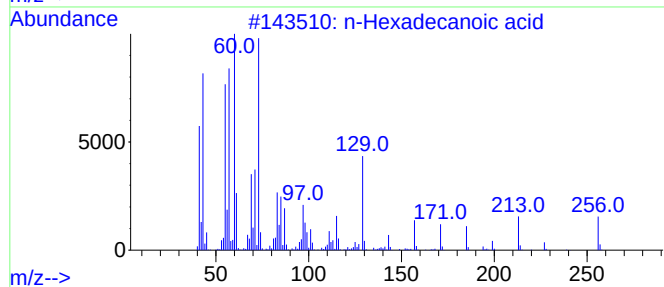
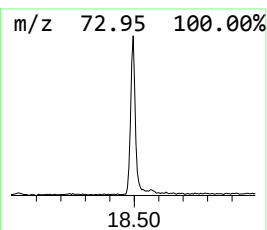
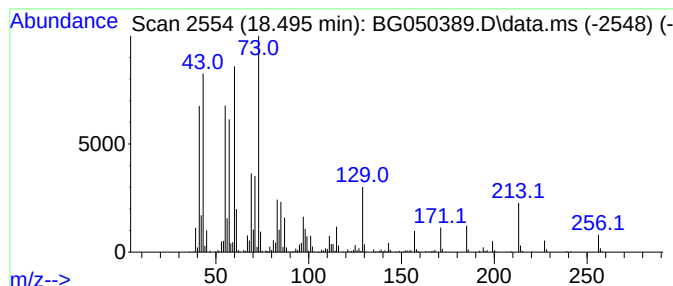
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.495	19.29 ng/ul	819526	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99		
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98		
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91		
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91		



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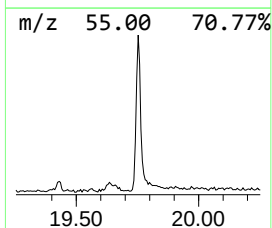
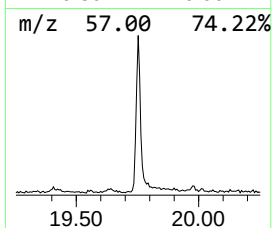
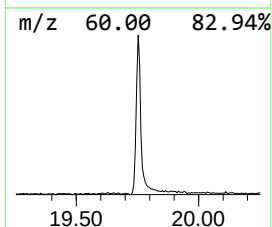
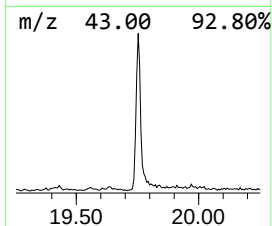
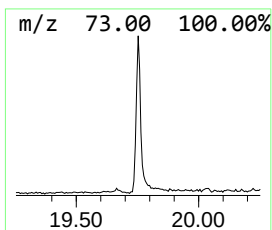
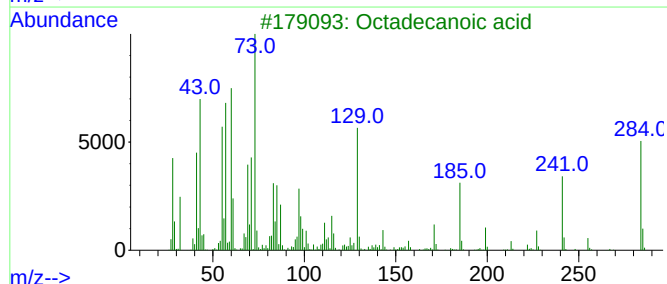
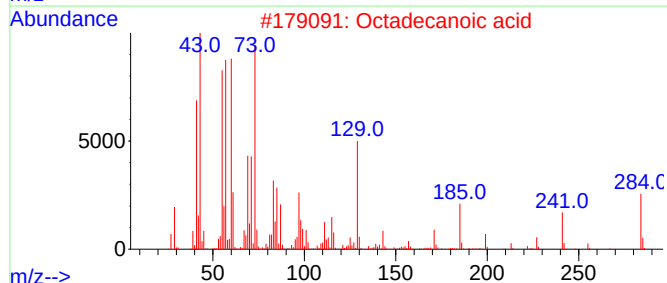
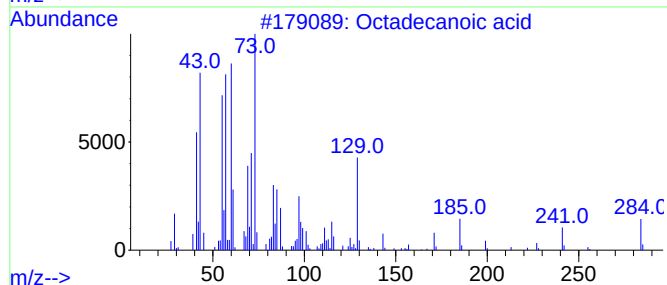
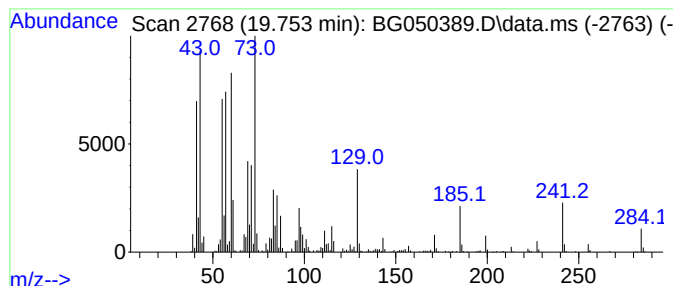
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.753	16.80 ng/ul	713725	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	96
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



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EW2L8MSD

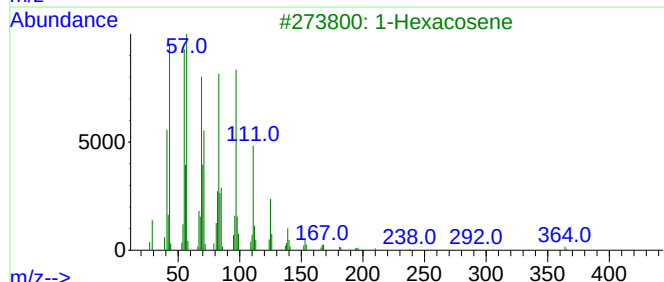
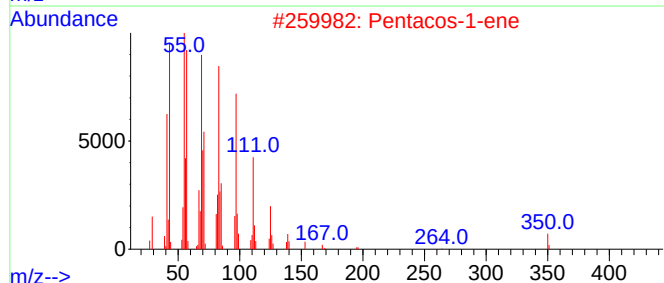
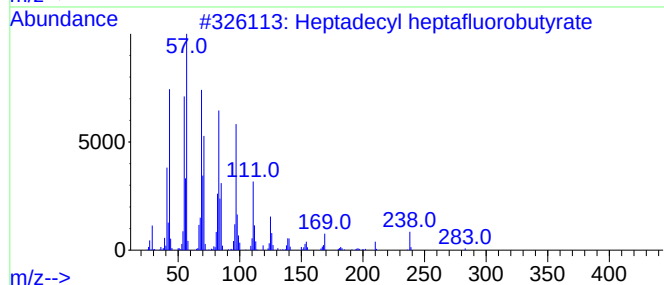
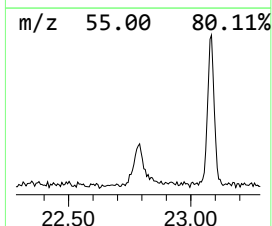
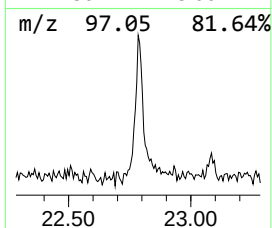
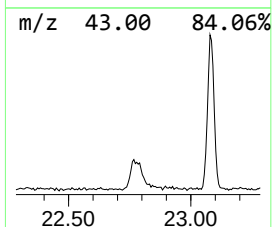
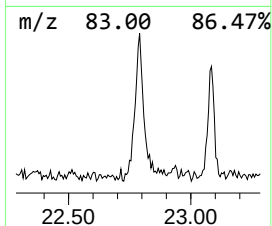
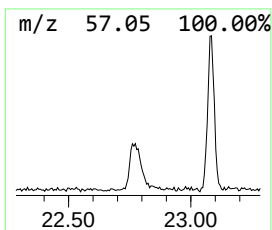
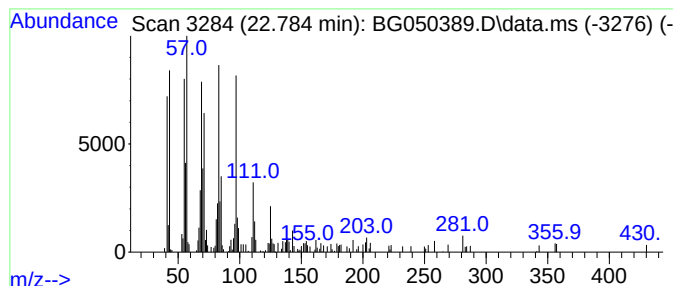
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.784	2.34 ng/ul	234510	Chrysene-d12	21.938

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2			Pentacos-1-ene	350	C25H50	016980-85-1	91
3			1-Hexacosene	364	C26H52	018835-33-1	91
4			1-Tricosene	322	C23H46	018835-32-0	90
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050389.D
Acq On : 2 Oct 2021 14:11
Operator : CG/JU
Sample : M3877-17MSD
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

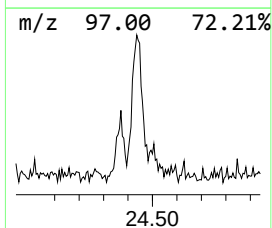
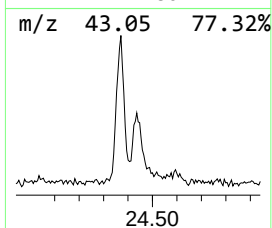
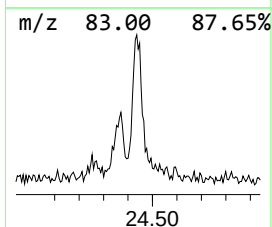
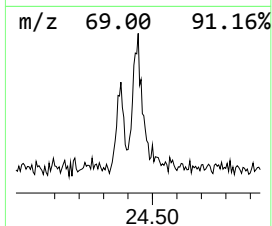
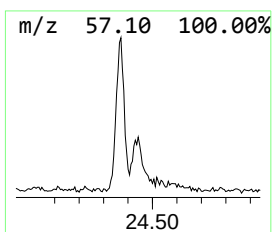
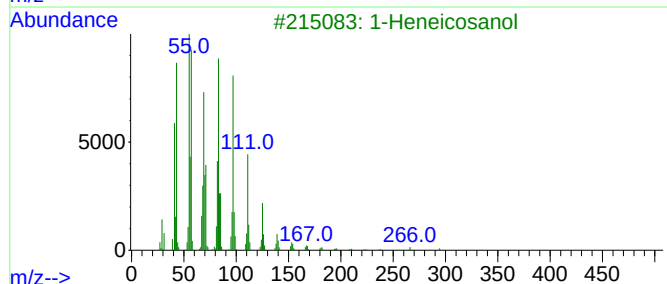
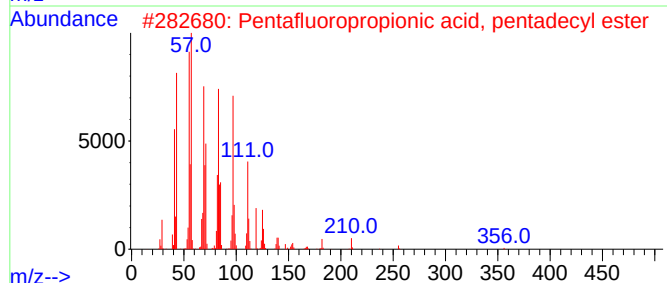
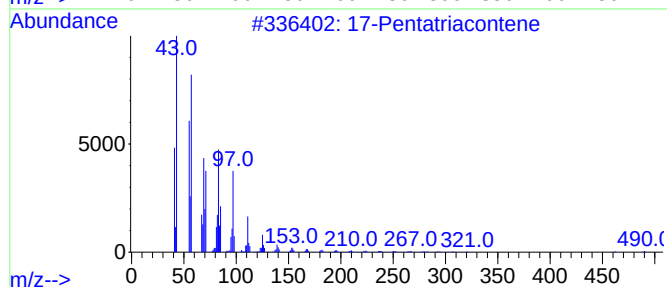
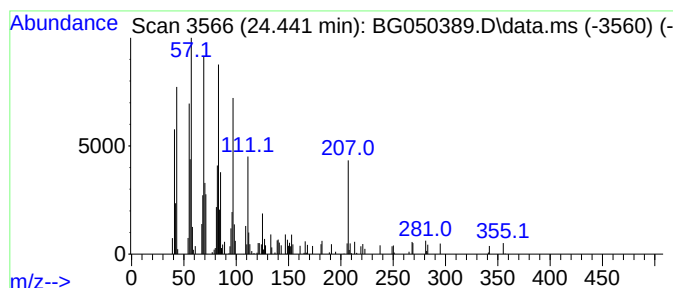
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.441	2.87 ng/ul	136498	Perylene-d12	25.358

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	83
2			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	83
3			1-Heneicosanol	312	C21H44O	015594-90-8	70
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	64
5			Behenic alcohol	326	C22H46O	000661-19-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050389.D
Acq On : 2 Oct 2021 14:11
Operator : CG/JU
Sample : M3877-17MSD
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

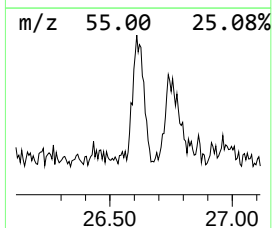
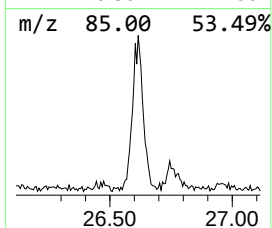
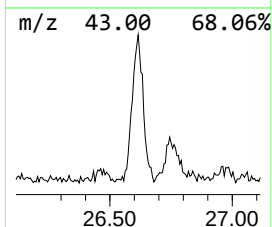
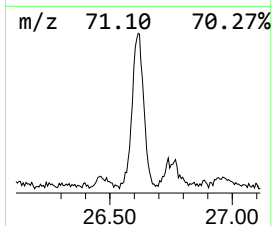
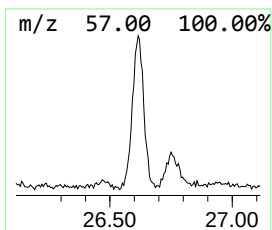
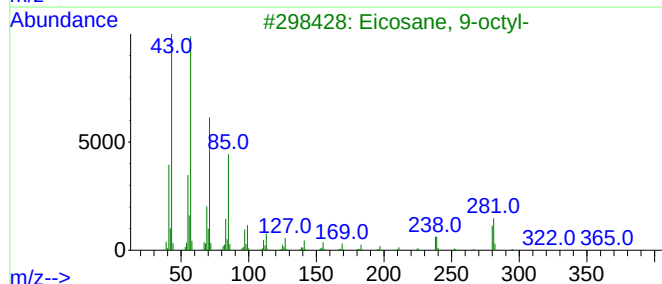
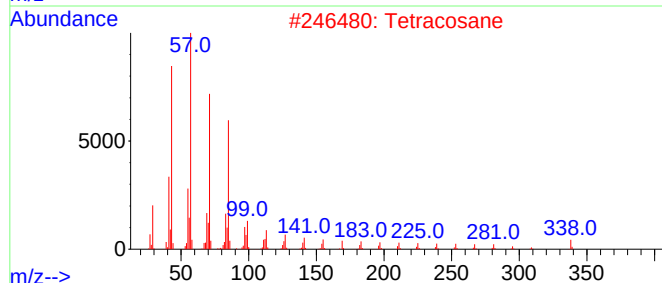
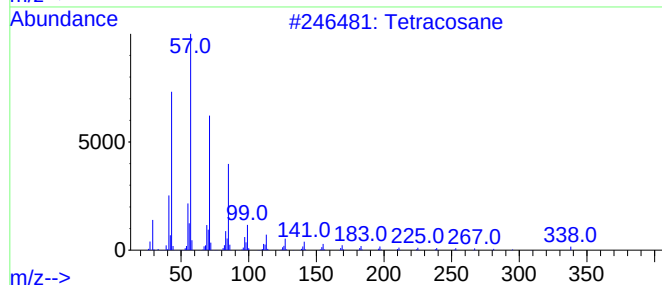
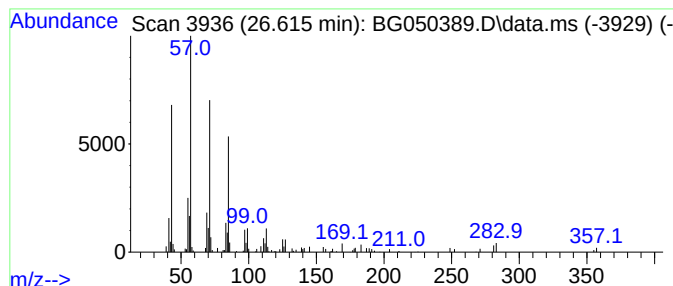
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.615	4.83 ng/ul	229847	Perylene-d12	25.358

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	87
2			Tetracosane	338	C24H50	000646-31-1	86
3			Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
4			10-Methylnonadecane	282	C20H42	056862-62-5	83
5			Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050389.D
Acq On : 2 Oct 2021 14:11
Operator : CG/JU
Sample : M3877-17MSD
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW2L8MSD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.845	6.4	ng/ul	179280	2	11.098	558772	20.0
n-Hexadecanoic ...	18.495	19.3	ng/ul	819526	4	17.632	849861	20.0
Octadecanoic acid	19.753	16.8	ng/ul	713725	4	17.632	849861	20.0
Heptadecyl hept...	22.784	2.3	ng/ul	234510	5	21.938	2001430	20.0
17-Pentatriacon...	24.441	2.9	ng/ul	136498	6	25.358	951151	20.0
Tetracosane	26.615	4.8	ng/ul	229847	6	25.358	951151	20.0