

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052751.D
 Acq On : 19 Mar 2022 18:59
 Operator : CG/JU
 Sample : N1820-02
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBRZ4

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-BG031822.M
 Title : SVOA CALIBRATION

Signal : TIC: BG052751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.419	3	5	6	rVB2	4338	2215	0.13%	0.013%
2	3.437	6	8	11	rBV4	2862	3329	0.20%	0.020%
3	3.489	14	17	24	rVB7	8662	13679	0.80%	0.081%
4	3.560	25	29	33	rBV3	12105	18107	1.06%	0.107%
5	3.848	76	78	80	rBV2	3314	2800	0.16%	0.017%
6	3.977	96	100	111	rBV	177100	308495	18.09%	1.820%
7	4.188	134	136	139	rBV4	2783	3227	0.19%	0.019%
8	4.312	155	157	158	rBV2	2787	2260	0.13%	0.013%
9	4.459	181	182	185	rBV2	1437	1745	0.10%	0.010%
10	4.923	259	261	265	rBV4	1478	1787	0.10%	0.011%
11	5.046	281	282	285	rBV2	1987	1949	0.11%	0.011%
12	5.234	311	314	319	rVB3	4603	8122	0.48%	0.048%
13	5.557	366	369	372	rVB4	1260	2003	0.12%	0.012%
14	5.634	380	382	387	rVB4	1677	2087	0.12%	0.012%
15	6.832	583	586	589	rBV3	1852	2047	0.12%	0.012%
16	7.290	656	664	671	rBV	260267	450361	26.42%	2.657%
17	7.466	685	694	702	rBV	173040	306479	17.98%	1.808%
18	7.678	722	730	739	rBV	232340	405645	23.79%	2.393%
19	7.883	764	765	771	rVB4	1605	2200	0.13%	0.013%
20	8.148	804	810	817	rVV	156174	269937	15.83%	1.592%
21	8.195	817	818	822	rVB3	1752	2149	0.13%	0.013%
22	8.841	920	928	940	rBV	290385	526172	30.86%	3.104%
23	9.305	1000	1007	1017	rVB	234176	413721	24.27%	2.440%
24	9.470	1031	1035	1039	rVB2	2591	3805	0.22%	0.022%
25	9.752	1078	1083	1088	rVV4	5722	10845	0.64%	0.064%
26	10.033	1122	1131	1140	rBV	194355	347648	20.39%	2.051%
27	10.486	1205	1208	1212	rBV2	1471	2229	0.13%	0.013%
28	10.568	1212	1222	1232	rVV	297760	540480	31.70%	3.188%
29	10.727	1246	1249	1253	rBV2	2227	2719	0.16%	0.016%
30	10.962	1281	1289	1296	rVV	210938	381094	22.35%	2.248%
31	11.085	1299	1310	1321	rBV	281128	524977	30.79%	3.097%
32	11.155	1321	1322	1328	rVB3	1115	1754	0.10%	0.010%
33	12.366	1525	1528	1534	rVB3	3124	4988	0.29%	0.029%
34	12.530	1551	1556	1562	rBV3	5363	8472	0.50%	0.050%
35	13.259	1678	1680	1684	rVB2	2173	1881	0.11%	0.011%
36	13.593	1733	1737	1742	rBV4	9241	13316	0.78%	0.079%

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37	14.163	1824	1834	1841	rBV	568488	835041	48.98%	4.926%
38	14.463	1878	1885	1892	rVB	615705	980947	57.54%	5.786%
39	14.657	1915	1918	1924	rVB3	2805	4008	0.24%	0.024%
40	14.768	1928	1937	1945	rVB	351733	541201	31.74%	3.192%
41	14.933	1958	1965	1974	rBV	277787	443108	25.99%	2.614%
42	15.162	2001	2004	2010	rVB4	3299	4418	0.26%	0.026%
43	15.221	2010	2014	2017	rBV3	1446	1766	0.10%	0.010%
44	15.561	2067	2072	2073	rBV3	1197	1858	0.11%	0.011%
45	15.602	2077	2079	2085	rBV2	1900	2886	0.17%	0.017%
46	15.755	2098	2105	2112	rBV	783205	1224029	71.79%	7.220%
47	15.855	2114	2122	2128	rBV	229245	340487	19.97%	2.008%
48	16.002	2140	2147	2151	rVB5	3529	5919	0.35%	0.035%
49	16.102	2161	2164	2167	rVB2	1743	2077	0.12%	0.012%
50	16.425	2216	2219	2222	rBV4	1956	2142	0.13%	0.013%
51	16.889	2293	2298	2302	rBV3	5390	9011	0.53%	0.053%
52	16.924	2302	2304	2307	rVV3	1920	1998	0.12%	0.012%
53	17.183	2345	2348	2351	rBV3	1833	2193	0.13%	0.013%
54	17.294	2363	2367	2374	rVB5	2513	5150	0.30%	0.030%
55	17.418	2385	2388	2391	rVB3	1944	2202	0.13%	0.013%
56	17.512	2397	2404	2410	rVV	442035	697557	40.91%	4.115%
57	17.611	2413	2421	2428	rBV	868272	1385488	81.26%	8.172%
58	17.664	2428	2430	2431	rVV	4955	4600	0.27%	0.027%
59	17.676	2431	2432	2437	rVB5	6671	8847	0.52%	0.052%
60	17.882	2462	2467	2472	rVV4	4860	8033	0.47%	0.047%
61	17.993	2483	2486	2487	rBV2	1548	1717	0.10%	0.010%
62	18.164	2511	2515	2516	rBV2	2751	2352	0.14%	0.014%
63	18.175	2516	2517	2520	rVB3	4123	2402	0.14%	0.014%
64	18.258	2526	2531	2536	rBV5	9767	15873	0.93%	0.094%
65	18.387	2548	2553	2561	rBV	79646	113231	6.64%	0.668%
66	18.634	2593	2595	2598	rBV4	1627	1709	0.10%	0.010%
67	18.816	2622	2626	2632	rVV	53434	64615	3.79%	0.381%
68	18.869	2632	2635	2636	rVV3	2384	1785	0.10%	0.011%
69	18.933	2640	2646	2651	rVV5	3171	5644	0.33%	0.033%
70	19.057	2665	2667	2669	rVB2	3128	2879	0.17%	0.017%
71	19.092	2669	2673	2675	rBV4	2432	2148	0.13%	0.013%
72	19.245	2695	2699	2703	rBV6	6426	11170	0.66%	0.066%
73	19.303	2706	2709	2710	rBV3	2240	2364	0.14%	0.014%
74	19.350	2716	2717	2719	rBV2	2351	1762	0.10%	0.010%
75	19.462	2730	2736	2739	rBV4	13576	21514	1.26%	0.127%
76	19.532	2739	2748	2752	rBV5	25611	52381	3.07%	0.309%

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77	19.650	2764	2768	2774	rBV5	26191	41427	2.43%	0.244%
78	19.726	2780	2781	2783	rBV2	2655	2460	0.14%	0.015%
79	19.891	2802	2809	2819	rBV	1163365	1704935	100.00%	10.057%
80	20.061	2837	2838	2840	rBV2	2794	2738	0.16%	0.016%
81	20.290	2875	2877	2879	rVB2	3711	2147	0.13%	0.013%
82	20.378	2889	2892	2895	rBV5	8357	11717	0.69%	0.069%
83	20.472	2905	2908	2909	rBV2	4970	5404	0.32%	0.032%
84	21.430	3066	3071	3077	rBV	84876	128085	7.51%	0.756%
85	21.794	3127	3133	3142	rVB	488942	832140	48.81%	4.908%
86	21.994	3165	3167	3174	rBV6	9612	16176	0.95%	0.095%
87	23.316	3388	3392	3397	rBV4	27727	56983	3.34%	0.336%
88	23.550	3425	3432	3441	rVB	134276	274746	16.11%	1.621%
89	24.185	3538	3540	3541	rBV	9107	5764	0.34%	0.034%
90	24.890	3649	3660	3672	rVB2	568848	1682785	98.70%	9.926%
91	25.113	3689	3698	3708	rBV	258648	772359	45.30%	4.556%

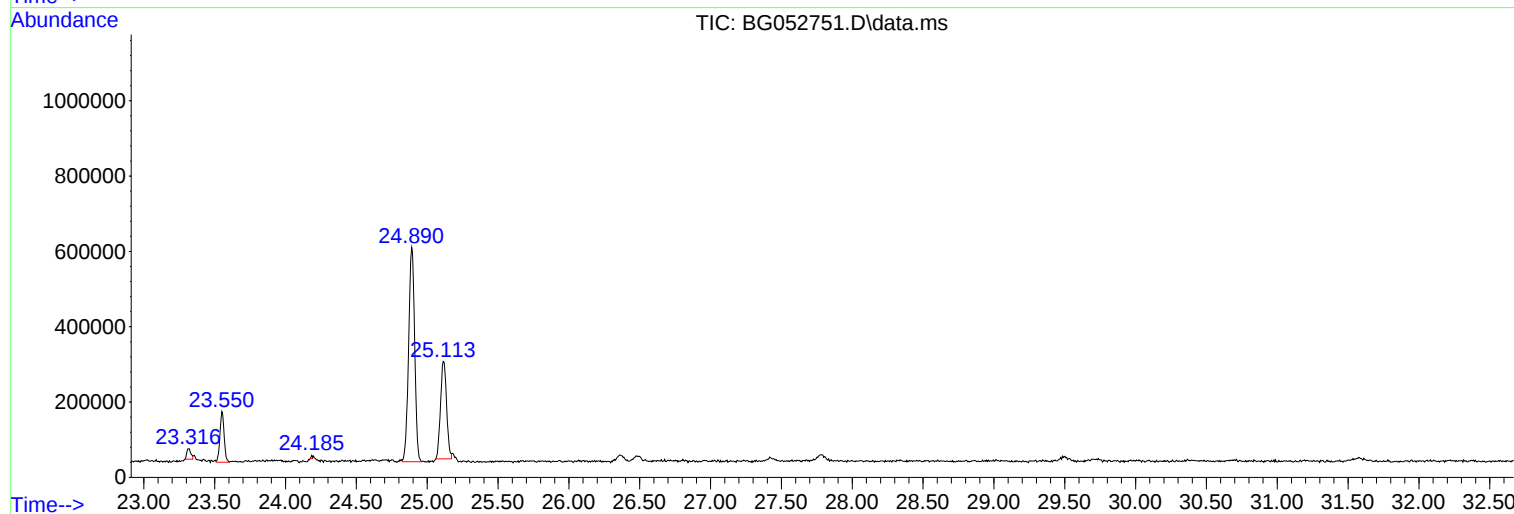
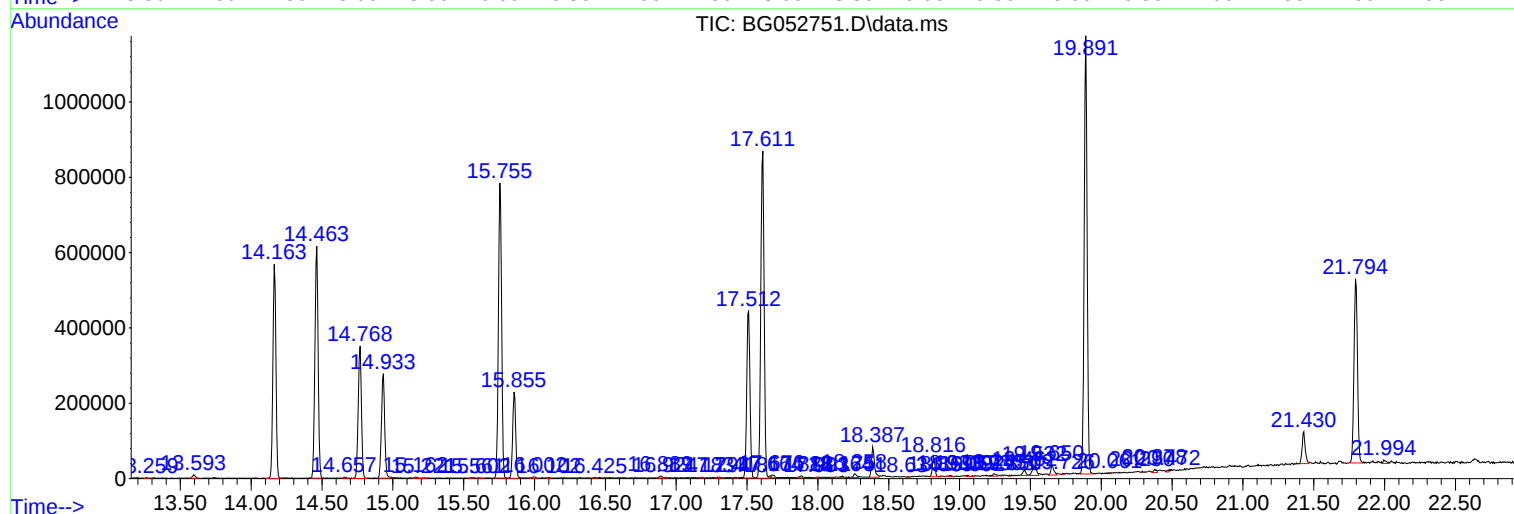
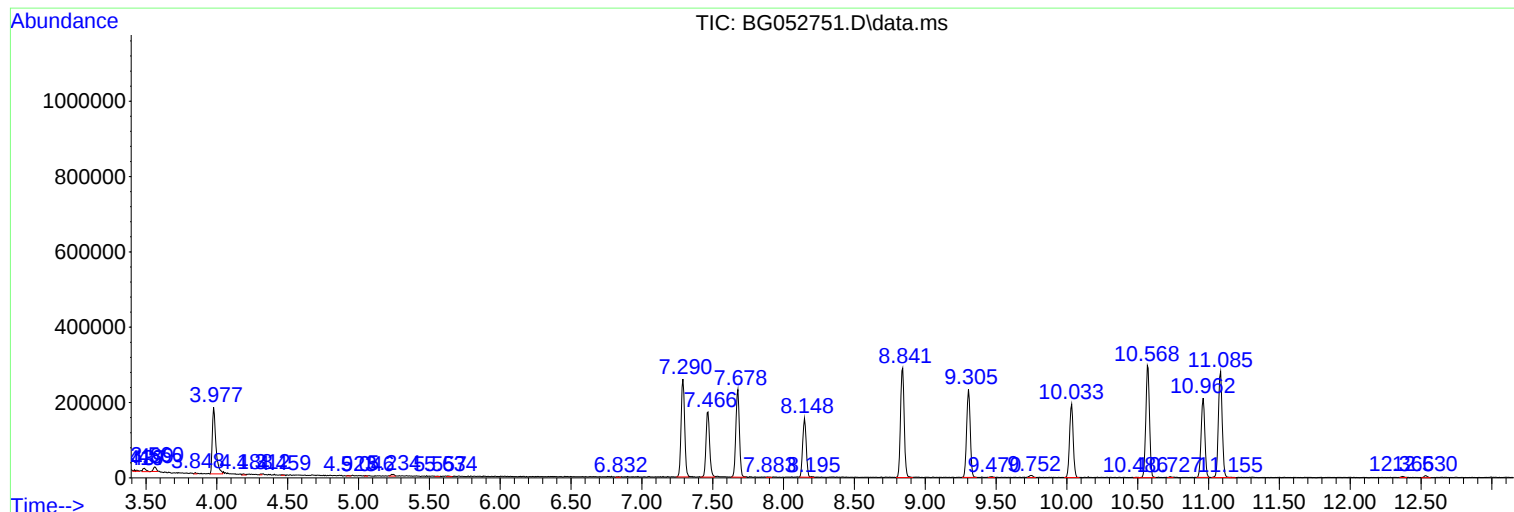
Sum of corrected areas: 16953102

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

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



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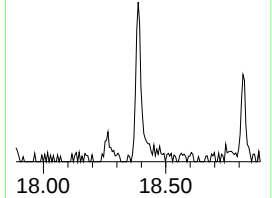
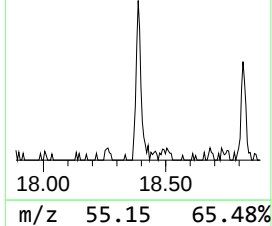
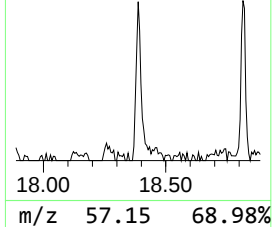
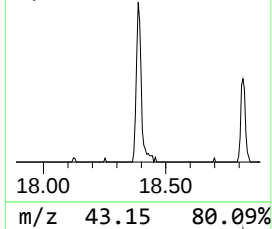
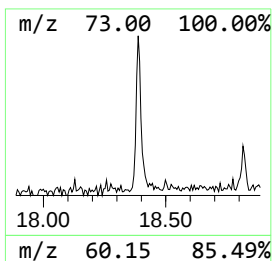
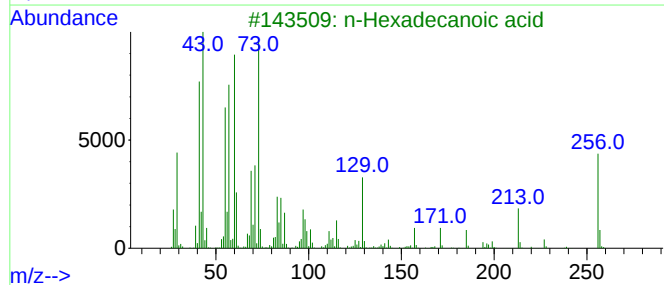
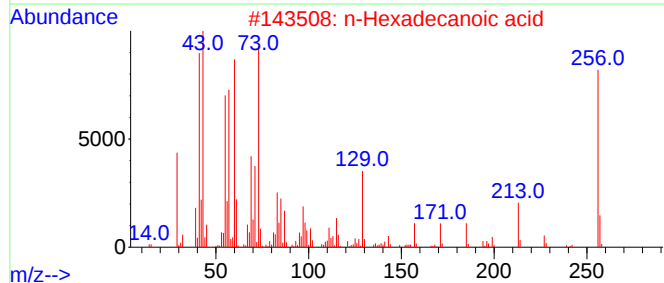
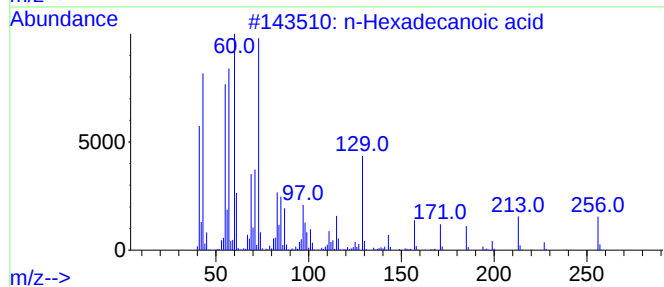
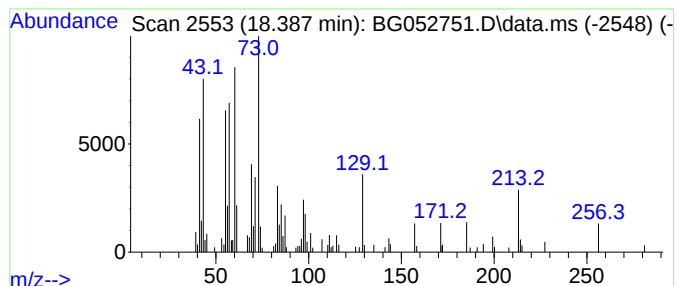
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.387	3.25 ng/ul	113231	Phenanthrene-d10	17.512

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	98		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98		
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90		
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86		



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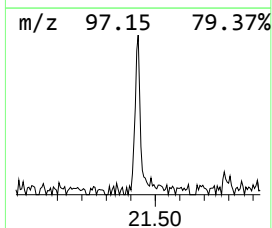
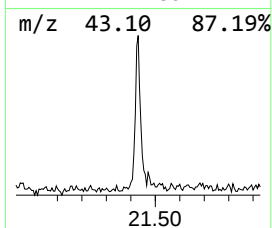
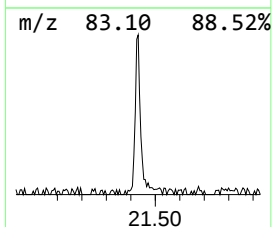
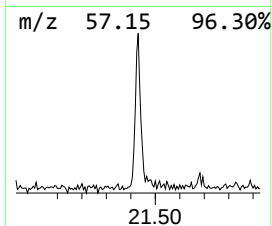
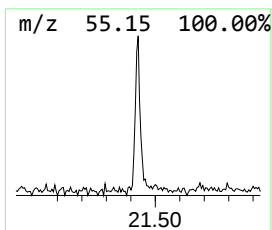
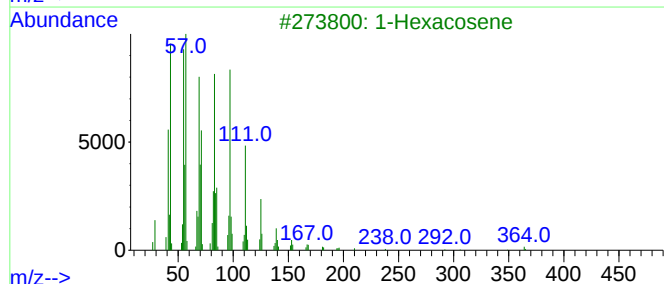
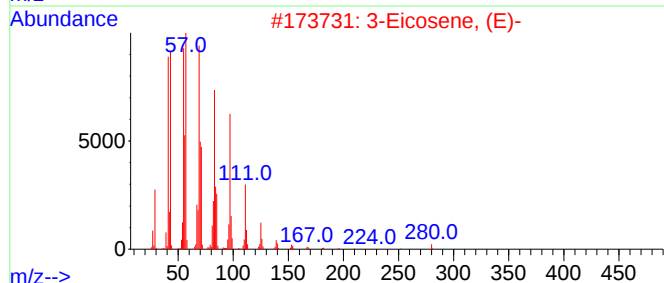
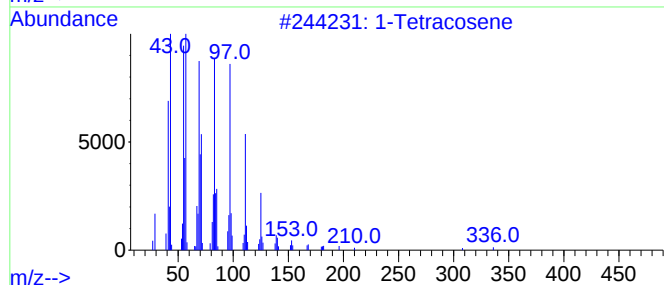
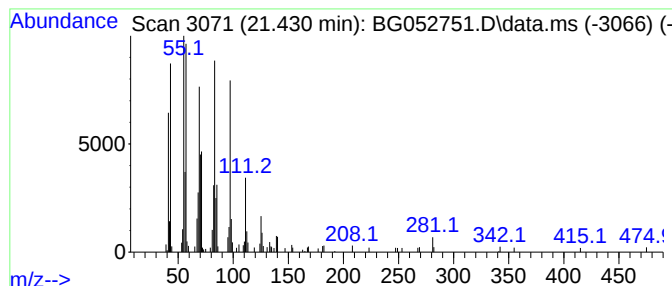
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.430	3.08 ng/ul	128085	Chrysene-d12	21.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene			336	C24H48	010192-32-2	91
2	3-Eicosene, (E)-			280	C20H40	074685-33-9	91
3	1-Hexacosene			364	C26H52	018835-33-1	91
4	1-Octadecanol			270	C18H38O	000112-92-5	90
5	n-Heptadecanol-1			256	C17H36O	001454-85-9	90



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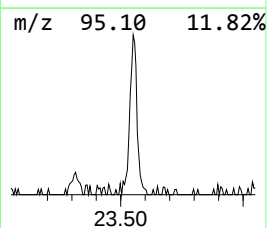
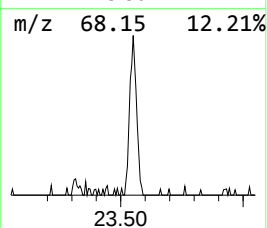
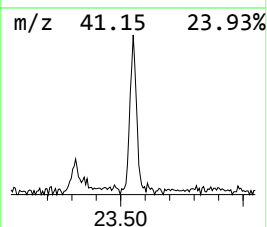
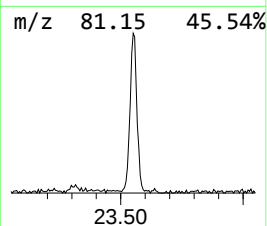
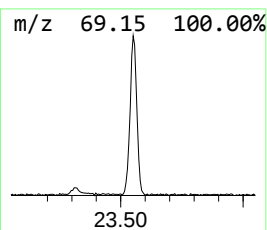
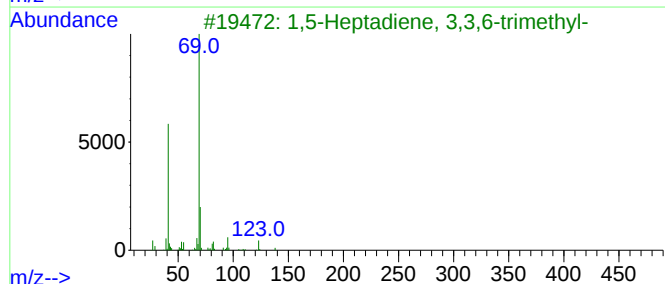
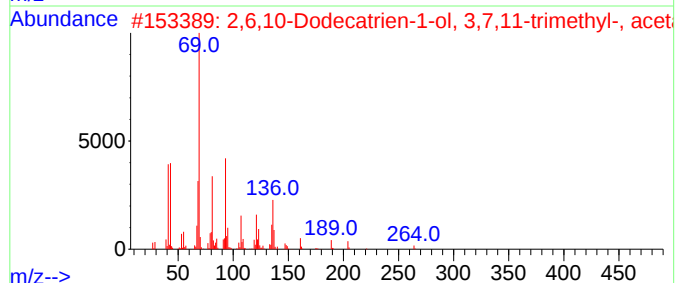
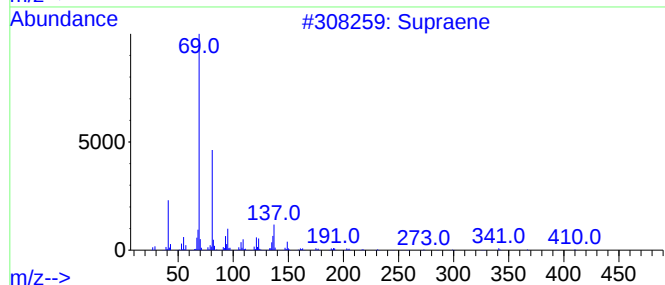
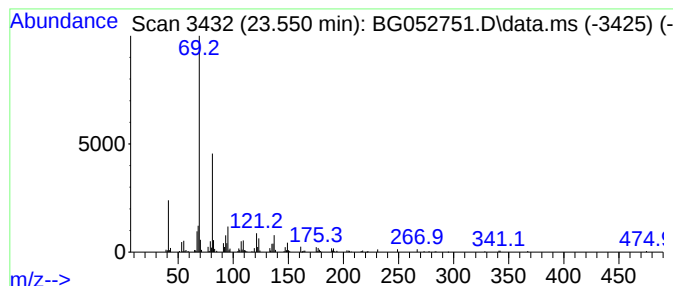
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	7.11 ng/ul	274746	Perylene-d12	25.113

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	80
2			2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
3			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64
4			2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	52
5			1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	52



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Sample : N1820-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBRZ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.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
n-Hexadecanoic ...	18.387	3.3	ng/ul	113231	4	17.512	697557	20.0
(DEL) Alkane: S...	21.430	3.1	ng/ul	128085	5	21.794	832140	20.0
Supraene	23.551	7.1	ng/ul	274746	6	25.113	772359	20.0