

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058996.D
 Acq On : 12 Sep 2023 00:21
 Operator : MA/JU
 Sample : 04234-09
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YBY54

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-BG091023.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG058996.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.637	21	25	31	rBV4	24496	39246	1.18%	0.102%
2	4.072	95	99	105	rBV2	28689	49401	1.48%	0.128%
3	4.290	133	136	138	rBV3	8795	11331	0.34%	0.029%
4	4.407	154	156	161	rVB3	12501	17300	0.52%	0.045%
5	5.177	285	287	290	rVB4	9332	7290	0.22%	0.019%
6	5.412	325	327	330	rBV2	7370	7914	0.24%	0.020%
7	5.629	362	364	366	rVB2	7757	7050	0.21%	0.018%
8	5.653	366	368	375	rVB5	5871	9857	0.30%	0.026%
9	6.023	428	431	433	rBV4	7138	7367	0.22%	0.019%
10	6.087	438	442	443	rVV2	7796	7583	0.23%	0.020%
11	6.117	443	447	449	rVV3	6914	7487	0.22%	0.019%
12	6.140	449	451	456	rVV3	5574	9321	0.28%	0.024%
13	6.804	562	564	566	rBV	6494	7207	0.22%	0.019%
14	7.080	607	611	614	rVB4	6086	8049	0.24%	0.021%
15	7.433	663	671	683	rVB	423990	731788	21.95%	1.893%
16	7.644	700	707	713	rBV	329199	540577	16.22%	1.399%
17	7.838	733	740	748	rBV	387524	667905	20.04%	1.728%
18	8.132	789	790	794	rBV2	6164	7380	0.22%	0.019%
19	8.203	799	802	805	rBV3	9932	9831	0.29%	0.025%
20	8.320	815	822	832	rVV	440651	783993	23.52%	2.029%
21	8.420	837	839	844	rBV4	8623	9851	0.30%	0.025%
22	8.631	872	875	878	rVB2	9071	8435	0.25%	0.022%
23	8.673	878	882	883	rBV2	7124	8814	0.26%	0.023%
24	8.808	900	905	906	rBV3	5620	8901	0.27%	0.023%
25	9.002	930	938	946	rBV2	471527	827524	24.83%	2.141%
26	9.519	1017	1026	1032	rVV2	402161	723029	21.69%	1.871%
27	9.572	1032	1035	1038	rVV3	9247	12343	0.37%	0.032%
28	9.642	1042	1047	1049	rVV5	9361	14304	0.43%	0.037%
29	9.730	1058	1062	1064	rVV3	7919	8921	0.27%	0.023%
30	9.930	1095	1096	1099	rBV3	7130	7524	0.23%	0.019%
31	10.235	1141	1148	1157	rVB2	320002	584302	17.53%	1.512%
32	10.306	1157	1160	1163	rVB3	8849	9436	0.28%	0.024%
33	10.371	1166	1171	1172	rBV3	7654	11237	0.34%	0.029%
34	10.453	1182	1185	1189	rBV3	5867	7184	0.22%	0.019%
35	10.653	1217	1219	1221	rBV3	6433	7753	0.23%	0.020%
36	10.758	1230	1237	1245	rVV2	511522	930822	27.92%	2.408%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
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37	11.170	1299	1307	1317	rVB	701218	1290187	38.71%	3.338%
38	11.305	1321	1330	1337	rBV	215304	406656	12.20%	1.052%
39	12.586	1544	1548	1553	rBV3	8857	16327	0.49%	0.042%
40	12.715	1569	1570	1578	rVB4	13194	18483	0.55%	0.048%
41	12.956	1608	1611	1613	rVB3	6420	7265	0.22%	0.019%
42	13.050	1623	1627	1629	rBV	5994	8889	0.27%	0.023%
43	13.120	1637	1639	1642	rVB3	6617	7080	0.21%	0.018%
44	13.279	1661	1666	1667	rVB4	7863	8826	0.26%	0.023%
45	13.520	1705	1707	1711	rVV4	6059	7500	0.22%	0.019%
46	13.608	1717	1722	1725	rBV2	6111	9129	0.27%	0.024%
47	13.778	1746	1751	1756	rVV3	43774	70220	2.11%	0.182%
48	14.342	1841	1847	1854	rVV	929317	1333306	40.00%	3.450%
49	14.648	1890	1899	1906	rBV2	1135500	1794207	53.83%	4.642%
50	14.948	1940	1950	1960	rBV	1277640	2002675	60.08%	5.182%
51	15.036	1963	1965	1968	rBV2	7671	8718	0.26%	0.023%
52	15.112	1968	1978	1983	rBV	368078	623443	18.70%	1.613%
53	15.283	2003	2007	2014	rBV5	25750	45506	1.37%	0.118%
54	15.600	2060	2061	2067	rBV4	6370	8407	0.25%	0.022%
55	15.670	2071	2073	2076	rVB3	7291	7113	0.21%	0.018%
56	15.935	2111	2118	2125	rBV	1526647	2309451	69.28%	5.976%
57	16.035	2129	2135	2141	rVB	307281	440857	13.23%	1.141%
58	16.117	2145	2149	2151	rBV	6753	11703	0.35%	0.030%
59	16.152	2153	2155	2156	rBV	12177	8355	0.25%	0.022%
60	16.252	2169	2172	2175	rBV4	9883	12578	0.38%	0.033%
61	16.710	2248	2250	2252	rBV3	8777	7285	0.22%	0.019%
62	16.910	2281	2284	2286	rBV2	6416	8643	0.26%	0.022%
63	17.016	2299	2302	2303	rBV3	9382	7644	0.23%	0.020%
64	17.204	2330	2334	2335	rBV4	8614	9410	0.28%	0.024%
65	17.480	2378	2381	2383	rVB3	10893	11244	0.34%	0.029%
66	17.545	2391	2392	2394	rVV2	9570	8697	0.26%	0.023%
67	17.568	2394	2396	2400	rVV5	14556	14395	0.43%	0.037%
68	17.603	2400	2402	2405	rVB4	9749	7374	0.22%	0.019%
69	17.697	2410	2418	2424	rBV	1815633	2813049	84.39%	7.279%
70	17.791	2428	2434	2441	rVV	1675833	2572771	77.18%	6.657%
71	17.844	2441	2443	2449	rVB5	14151	19771	0.59%	0.051%
72	18.179	2497	2500	2502	rBV4	8825	8460	0.25%	0.022%
73	18.238	2507	2510	2511	rBV3	6953	7728	0.23%	0.020%
74	18.302	2518	2521	2524	rVB4	9668	12071	0.36%	0.031%
75	18.520	2552	2558	2567	rBV	676383	947901	28.44%	2.453%
76	18.608	2571	2573	2582	rVB5	24350	49479	1.48%	0.128%

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77	18.673	2582	2584	2586	rBV3	7806	6990	0.21%	0.018%
78	18.767	2597	2600	2602	rBV4	7783	10895	0.33%	0.028%
79	18.796	2602	2605	2606	rBV3	12735	12144	0.36%	0.031%
80	19.066	2648	2651	2655	rVB6	10113	13701	0.41%	0.035%
81	19.113	2655	2659	2664	rBV7	9334	16856	0.51%	0.044%
82	19.472	2718	2720	2721	rBV2	10150	7669	0.23%	0.020%
83	19.577	2735	2738	2739	rBV2	8355	10161	0.30%	0.026%
84	19.636	2743	2748	2751	rBV6	72928	104220	3.13%	0.270%
85	19.777	2767	2772	2780	rBV2	513587	673842	20.22%	1.744%
86	19.995	2806	2809	2813	rBV6	25977	33216	1.00%	0.086%
87	20.065	2813	2821	2830	rVB	2113104	3095521	92.87%	8.009%
88	20.523	2895	2899	2902	rVB3	64221	82687	2.48%	0.214%
89	20.964	2973	2974	2979	rVB4	21441	26099	0.78%	0.068%
90	21.029	2981	2985	2990	rVV3	95817	125077	3.75%	0.324%
91	21.569	3072	3077	3091	rBV2	390763	753986	22.62%	1.951%
92	22.016	3146	3153	3163	rVB2	1627168	2956131	88.68%	7.649%
93	22.151	3172	3176	3180	rBV3	84299	127064	3.81%	0.329%
94	22.815	3284	3289	3292	rBV4	94092	159664	4.79%	0.413%
95	23.579	3414	3419	3426	rBV4	122899	257078	7.71%	0.665%
96	24.472	3565	3571	3578	rVB5	115801	256421	7.69%	0.663%
97	25.018	3662	3664	3669	rBV6	15310	21941	0.66%	0.057%
98	25.330	3706	3717	3732	rVB2	1034654	3162383	94.87%	8.182%
99	25.582	3748	3760	3775	rVB	988285	3333338	100.00%	8.625%
100	26.804	3963	3968	3981	rVB5	116462	320145	9.60%	0.828%

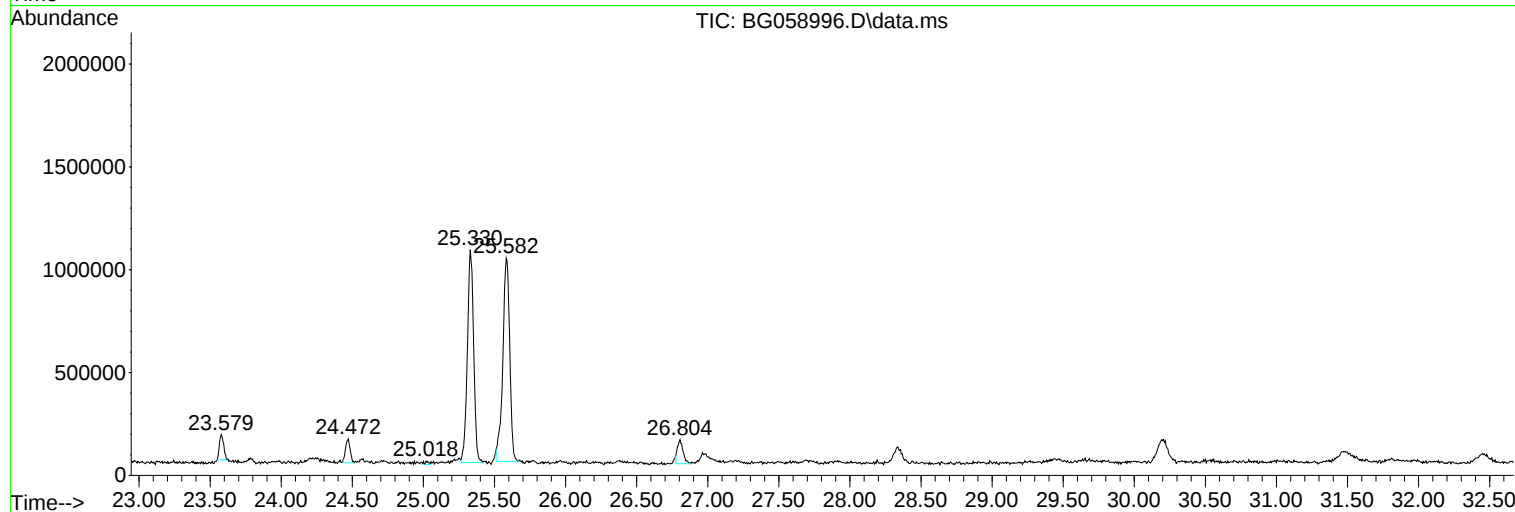
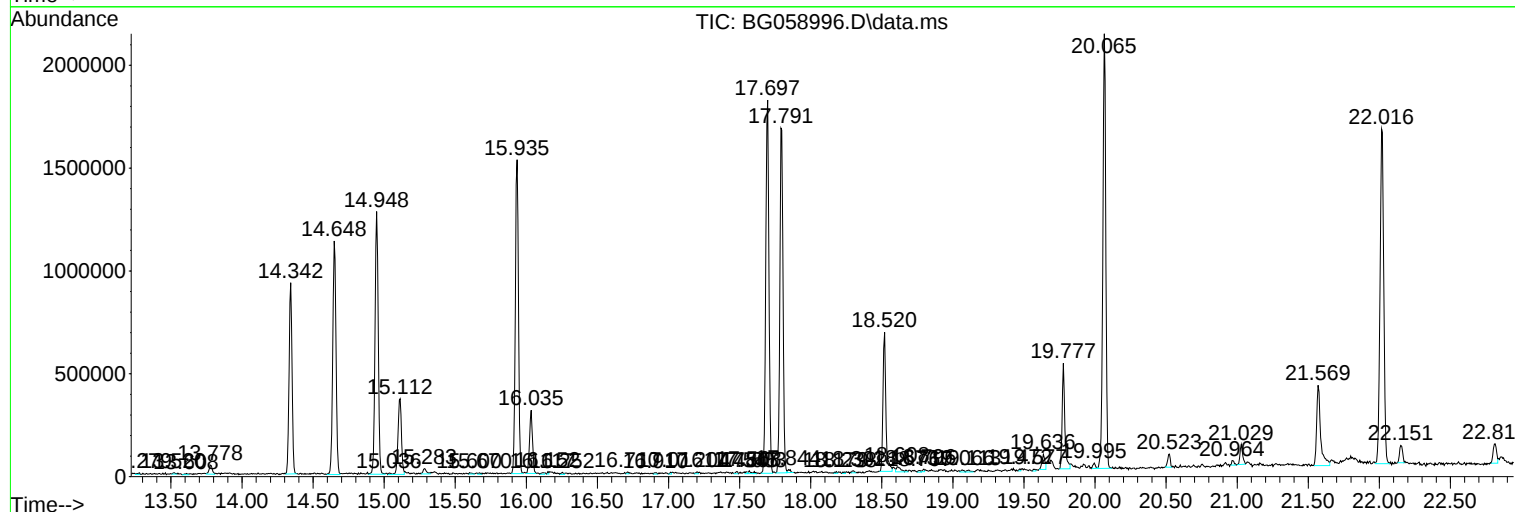
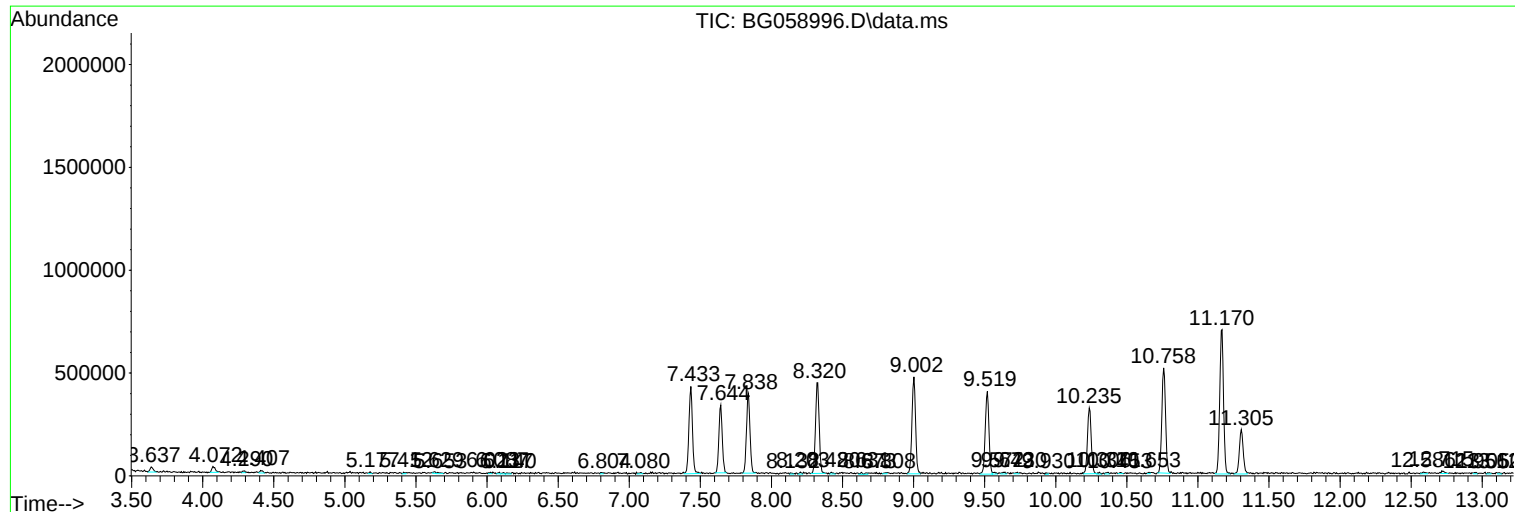
Sum of corrected areas: 38648289

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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



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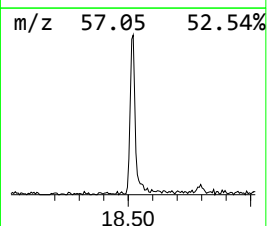
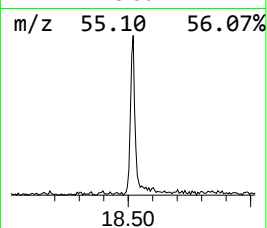
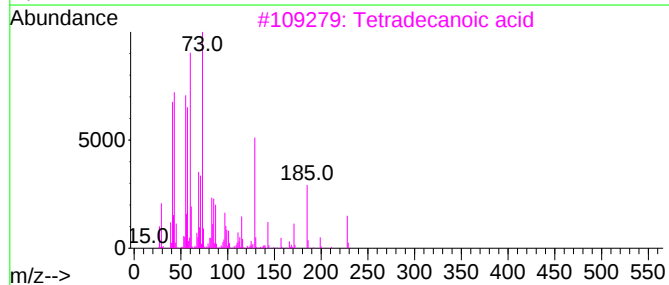
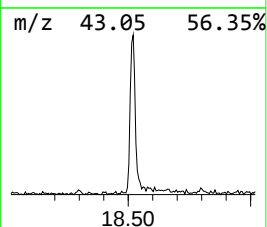
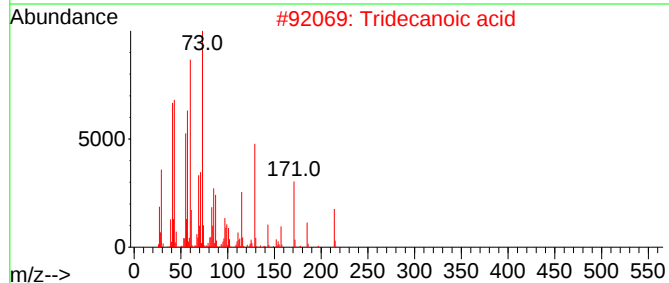
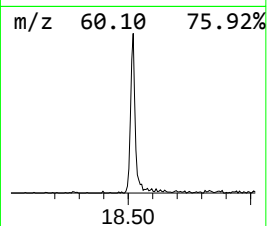
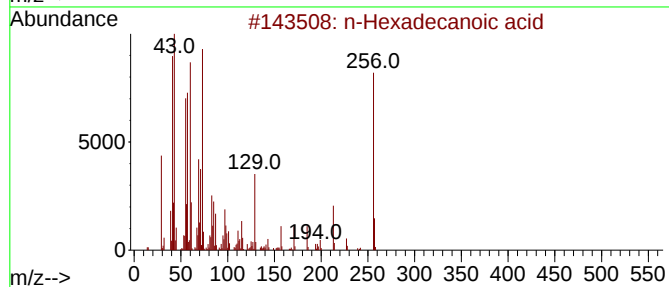
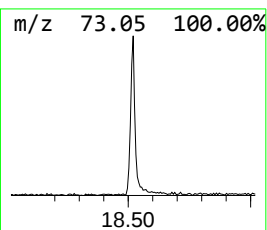
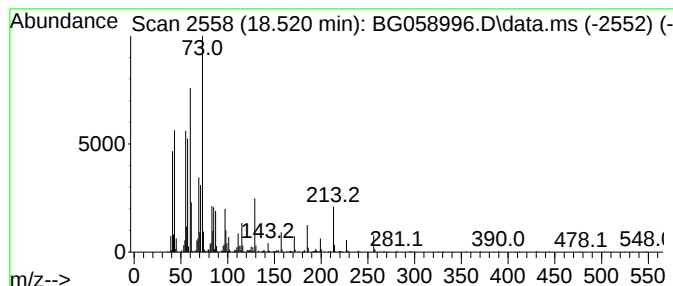
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.520	6.74 ng/ul	947901	Phenanthrene-d10	17.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59



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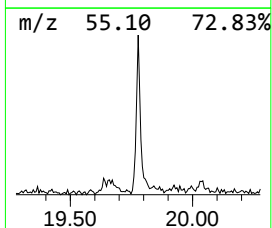
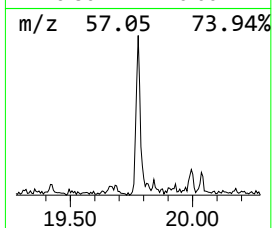
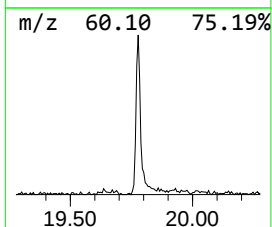
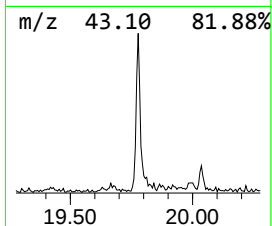
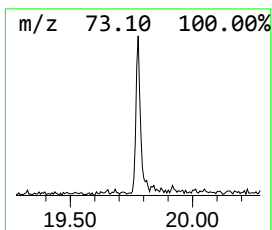
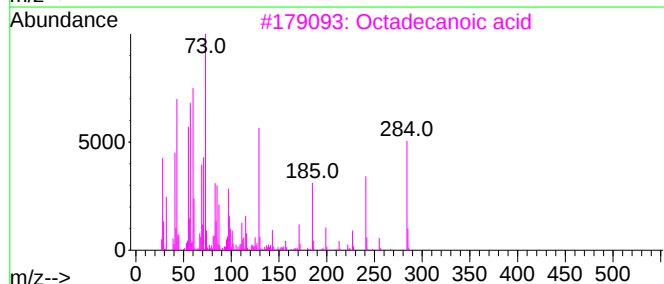
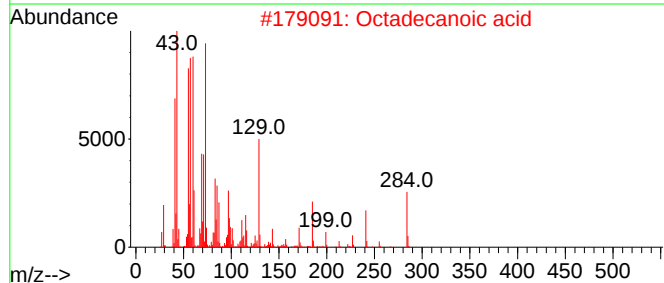
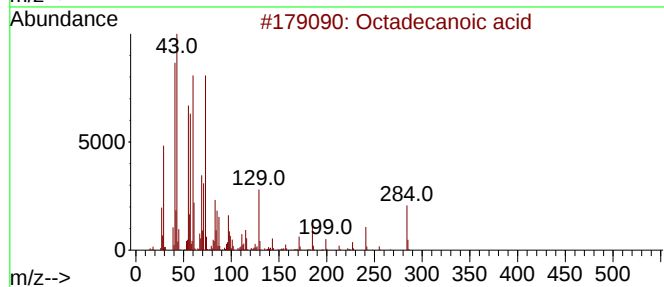
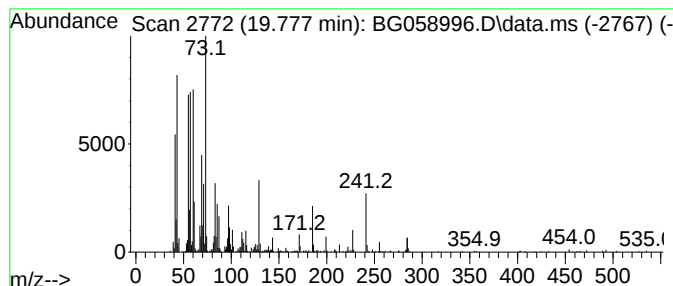
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.777	4.79 ng/ul	673842	Phenanthrene-d10	17.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			Octadecanoic acid	284	C18H36O2	000057-11-4	74



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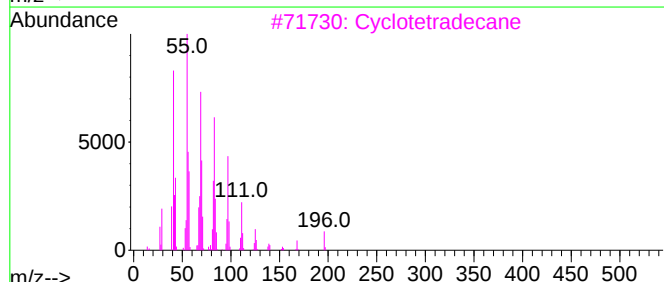
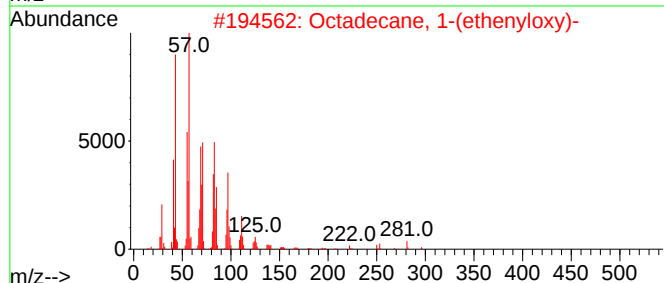
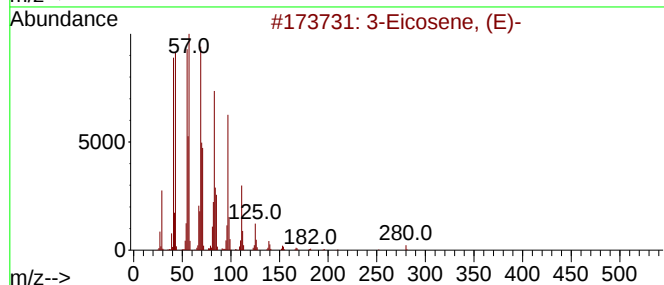
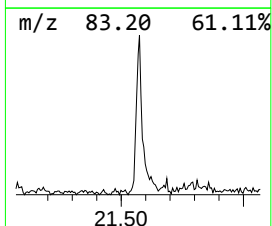
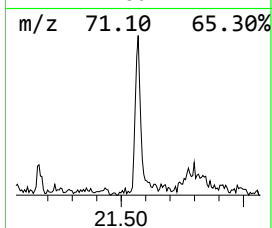
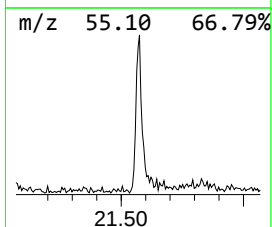
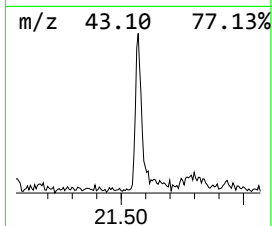
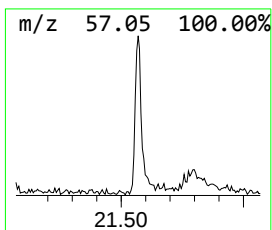
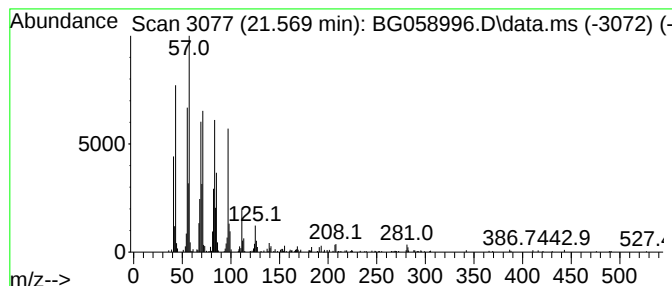
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.569	5.10 ng/ul	753986	Chrysene-d12	22.016	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	93
3	Cyclotetradecane	196	C14H28	000295-17-0	87
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	76
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058996.D
Acq On : 12 Sep 2023 00:21
Operator : MA/JU
Sample : 04234-09
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YBY54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.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 ...	18.520	6.7	ng/ul	947901	4	17.697	2813050	20.0
Octadecanoic acid	19.777	4.8	ng/ul	673842	4	17.697	2813050	20.0
(DEL) Alkane: S...	21.569	5.1	ng/ul	753986	5	22.016	2956130	20.0