

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058984.D
 Acq On : 11 Sep 2023 15:28
 Operator : MA/JU
 Sample : 04195-08
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YC1B7

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: BG058984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.641	22	26	30	rBV2	10732	13993	0.64%	0.064%
2	3.853	60	62	68	rVB4	3386	5329	0.24%	0.024%
3	3.905	68	71	72	rBV	5096	5487	0.25%	0.025%
4	4.035	90	93	94	rBV2	4074	4321	0.20%	0.020%
5	4.082	97	101	105	rVV3	8718	15402	0.70%	0.070%
6	4.211	120	123	126	rBV3	3952	5060	0.23%	0.023%
7	4.693	202	205	208	rVB3	3644	4705	0.21%	0.021%
8	4.975	250	253	255	rVB2	4337	4757	0.22%	0.022%
9	5.245	298	299	304	rVB3	4036	4242	0.19%	0.019%
10	5.304	307	309	312	rBV3	4134	4418	0.20%	0.020%
11	5.421	325	329	330	rBV2	3729	4504	0.21%	0.021%
12	6.332	480	484	488	rVV2	5140	8883	0.40%	0.041%
13	6.585	523	527	530	rVV	4232	5223	0.24%	0.024%
14	7.031	599	603	605	rBV2	4064	4485	0.20%	0.020%
15	7.113	614	617	620	rBV2	3729	5736	0.26%	0.026%
16	7.343	655	656	662	rVB	3907	4219	0.19%	0.019%
17	7.431	662	671	680	rVB	217457	376141	17.13%	1.715%
18	7.519	683	686	688	rBV	4503	4961	0.23%	0.023%
19	7.642	700	707	713	rBV	165236	268696	12.24%	1.225%
20	7.836	732	740	747	rVV	197472	339739	15.48%	1.549%
21	8.148	789	793	796	rVV	3924	4792	0.22%	0.022%
22	8.324	815	823	832	rBV	267794	467715	21.31%	2.133%
23	8.488	849	851	854	rBV2	3433	4793	0.22%	0.022%
24	8.806	902	905	906	rBV2	4353	4180	0.19%	0.019%
25	8.999	930	938	946	rBV2	251196	451161	20.55%	2.057%
26	9.064	946	949	952	rBV2	3541	4317	0.20%	0.020%
27	9.517	1016	1026	1035	rBV	195887	381739	17.39%	1.741%
28	9.628	1042	1045	1047	rBV3	5662	7373	0.34%	0.034%
29	9.705	1054	1058	1060	rVB	3609	4327	0.20%	0.020%
30	9.740	1060	1064	1068	rBV2	4776	7571	0.34%	0.035%
31	9.775	1068	1070	1073	rVB	3558	4377	0.20%	0.020%
32	10.239	1139	1149	1156	rBV2	156486	291951	13.30%	1.331%
33	10.445	1180	1184	1186	rVB	3556	4553	0.21%	0.021%
34	10.762	1231	1238	1249	rVB	268137	490405	22.34%	2.236%
35	11.168	1300	1307	1316	rVB	416939	750683	34.20%	3.423%
36	11.309	1324	1331	1339	rVB2	127476	229538	10.46%	1.047%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
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37	11.955	1439	1441	1446	rBV2	3472	6022	0.27%	0.027%
38	12.113	1465	1468	1472	rBV2	4864	6874	0.31%	0.031%
39	12.513	1534	1536	1539	rVB2	5301	5350	0.24%	0.024%
40	12.595	1547	1550	1554	rBV3	3644	6158	0.28%	0.028%

41	12.660	1556	1561	1563	rBV	4738	6713	0.31%	0.031%
42	12.713	1568	1570	1572	rBV2	4903	5156	0.23%	0.024%
43	13.106	1634	1637	1638	rVB	6025	4547	0.21%	0.021%
44	13.271	1664	1665	1672	rVB2	6107	8735	0.40%	0.040%
45	13.330	1672	1675	1678	rBV2	3010	4409	0.20%	0.020%

46	13.694	1735	1737	1738	rBV2	7085	5978	0.27%	0.027%
47	13.782	1746	1752	1756	rBV3	28962	41789	1.90%	0.191%
48	13.864	1763	1766	1769	rBV	4230	5224	0.24%	0.024%
49	14.340	1841	1847	1853	rVV	539090	776564	35.37%	3.541%
50	14.540	1877	1881	1882	rBV3	6732	8529	0.39%	0.039%

51	14.581	1886	1888	1893	rVB	4497	4657	0.21%	0.021%
52	14.652	1893	1900	1908	rBV	612912	964238	43.92%	4.397%
53	14.887	1937	1940	1943	rBV5	3541	5659	0.26%	0.026%
54	14.951	1943	1951	1957	rVV	757565	1253729	57.11%	5.718%
55	15.110	1969	1978	1985	rBV	253783	406185	18.50%	1.852%

56	15.286	2005	2008	2009	rBV2	5609	6047	0.28%	0.028%
57	15.351	2016	2019	2023	rVB2	4295	6251	0.28%	0.029%
58	15.404	2025	2028	2029	rBV2	5008	4498	0.20%	0.021%
59	15.504	2043	2045	2048	rBV3	5896	5446	0.25%	0.025%
60	15.721	2079	2082	2085	rBV5	4835	5361	0.24%	0.024%

61	15.856	2102	2105	2108	rVV2	3803	6143	0.28%	0.028%
62	15.933	2111	2118	2125	rVV	848332	1316564	59.97%	6.004%
63	15.991	2126	2128	2129	rVV2	8758	7146	0.33%	0.033%
64	16.032	2129	2135	2143	rVV3	214012	330560	15.06%	1.507%
65	16.097	2143	2146	2148	rVV2	3832	5059	0.23%	0.023%

66	16.244	2167	2171	2172	rBV	3690	4275	0.19%	0.019%
67	16.585	2224	2229	2232	rVB4	6037	10104	0.46%	0.046%
68	16.755	2257	2258	2261	rVB	4782	4138	0.19%	0.019%
69	16.784	2261	2263	2264	rBV2	5464	5025	0.23%	0.023%
70	17.025	2298	2304	2305	rVV4	6795	11213	0.51%	0.051%

71	17.202	2332	2334	2335	rBV2	5777	4560	0.21%	0.021%
72	17.372	2360	2363	2366	rVV4	4199	5438	0.25%	0.025%
73	17.525	2387	2389	2392	rBV4	4305	5180	0.24%	0.024%
74	17.572	2396	2397	2403	rVV4	6620	6745	0.31%	0.031%
75	17.636	2405	2408	2410	rBV3	7017	5618	0.26%	0.026%

76	17.695	2410	2418	2427	rBV	1189168	1837032	83.68%	8.378%
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77	17.795	2429	2435	2442	rVV2	996608	1546319	70.44%	7.052%
78	17.848	2442	2444	2449	rVB4	8672	9749	0.44%	0.044%
79	18.406	2534	2539	2540	rVV3	4950	8006	0.36%	0.037%
80	18.518	2552	2558	2566	rBV2	201402	305217	13.90%	1.392%
81	18.800	2603	2606	2608	rBV2	9718	11359	0.52%	0.052%
82	19.182	2669	2671	2672	rVB2	8491	4513	0.21%	0.021%
83	19.370	2701	2703	2706	rVB3	5980	6809	0.31%	0.031%
84	19.405	2706	2709	2710	rBV3	6492	7254	0.33%	0.033%
85	19.464	2716	2719	2723	rBV5	9271	16258	0.74%	0.074%
86	19.640	2743	2749	2751	rBV5	34516	65427	2.98%	0.298%
87	19.781	2769	2773	2778	rBV5	87543	131853	6.01%	0.601%
88	19.893	2790	2792	2793	rBV2	10160	7440	0.34%	0.034%
89	19.928	2795	2798	2800	rVV4	17736	16282	0.74%	0.074%
90	19.992	2807	2809	2811	rBV3	7360	6321	0.29%	0.029%
91	20.063	2815	2821	2833	rBV	1227994	1864724	84.94%	8.504%
92	20.521	2897	2899	2903	rVB4	27025	26999	1.23%	0.123%
93	21.573	3073	3078	3092	rBV4	190142	360853	16.44%	1.646%
94	22.019	3147	3154	3161	rVB	1123634	1971850	89.82%	8.992%
95	23.582	3416	3420	3421	rBV3	40209	51208	2.33%	0.234%
96	24.293	3539	3541	3542	rBV2	13025	8793	0.40%	0.040%
97	24.475	3566	3572	3578	rVB3	53507	117455	5.35%	0.536%
98	25.333	3705	3718	3730	rBV2	591233	1864128	84.92%	8.501%
99	25.580	3750	3760	3775	rVB	666963	2195246	100.00%	10.011%
100	28.829	4311	4313	4315	rBV3	9467	5014	0.23%	0.023%

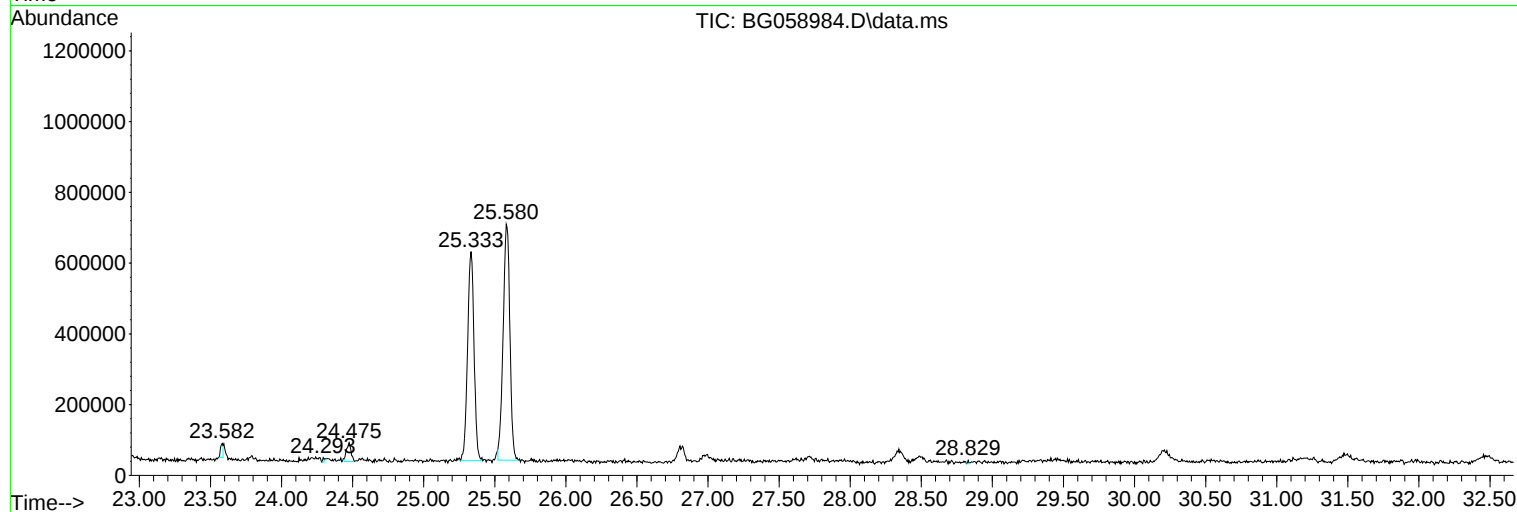
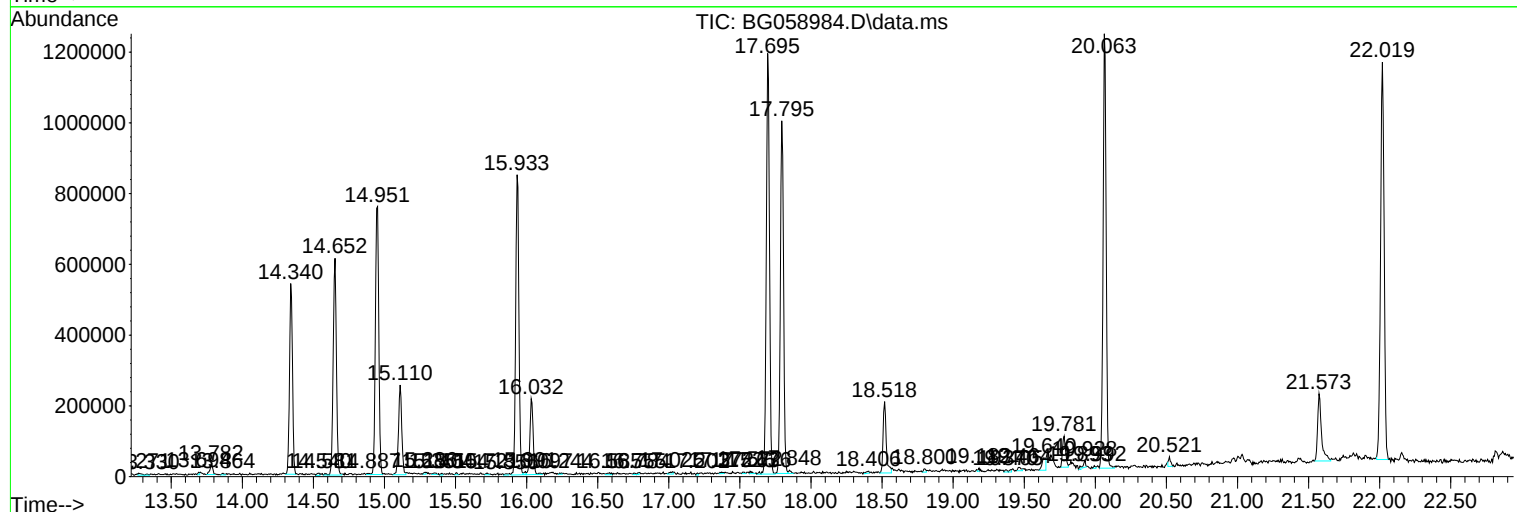
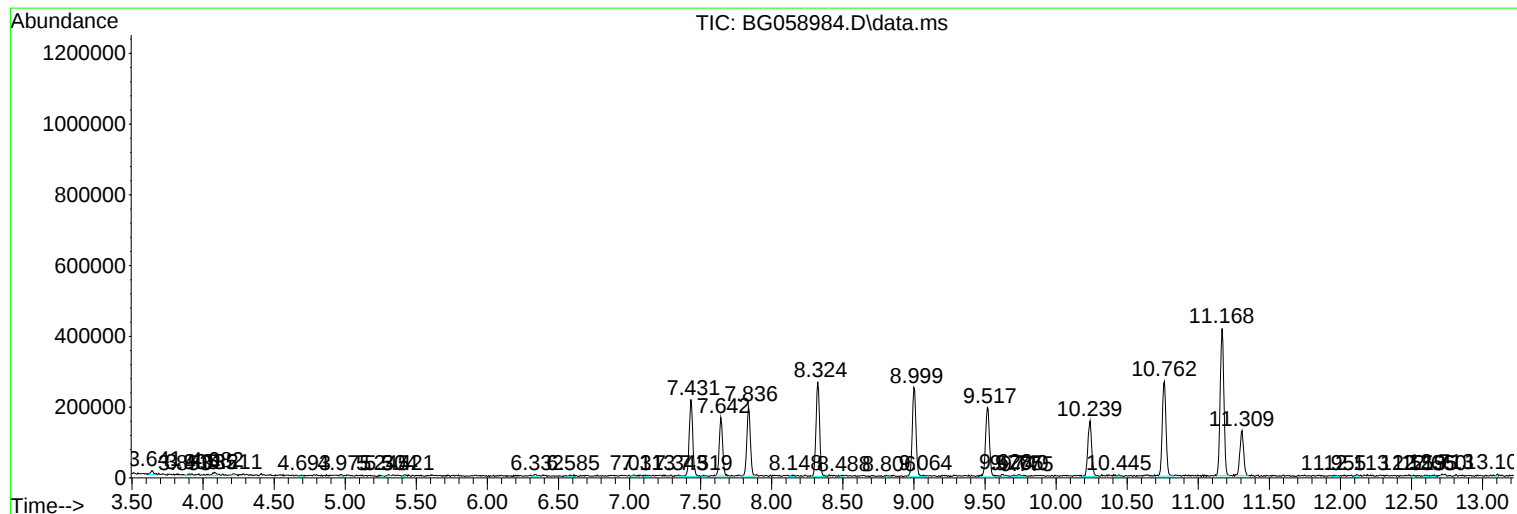
Sum of corrected areas: 21927772

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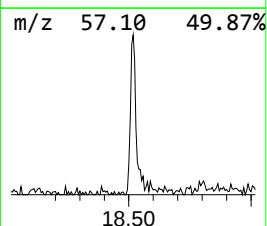
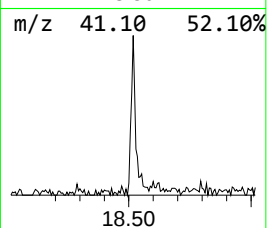
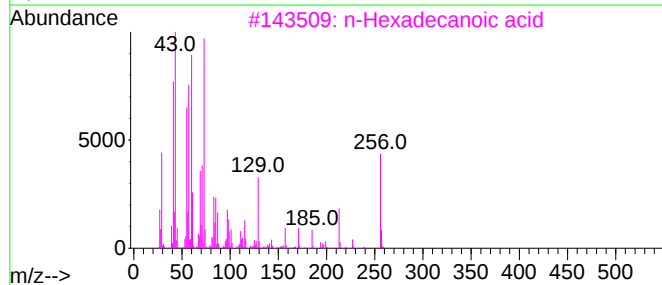
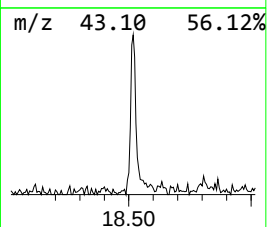
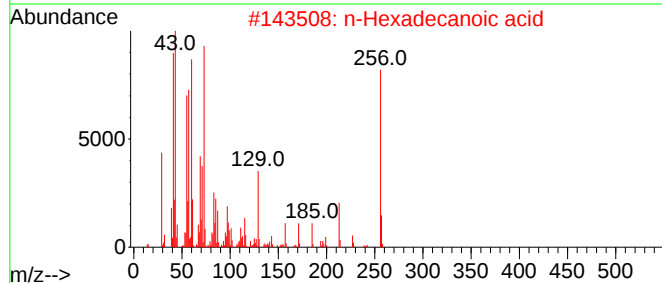
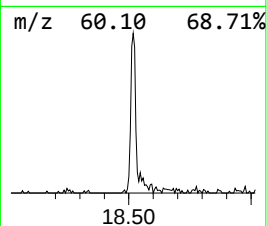
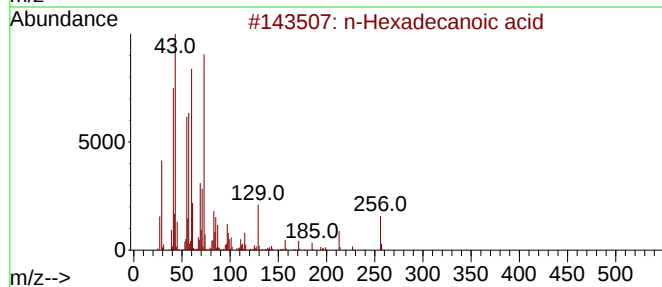
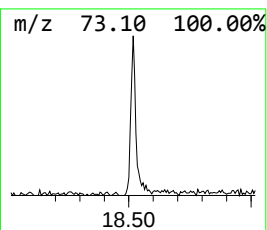
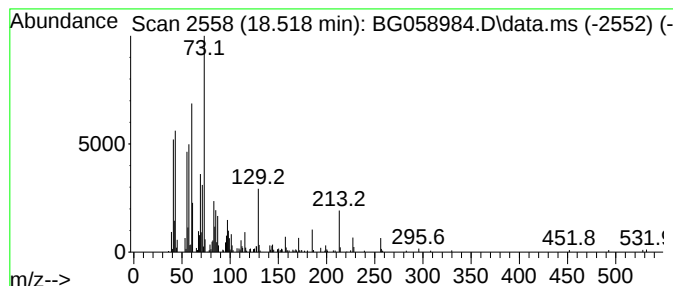
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.518	3.32 ng/ul	305217	Phenanthrene-d10	17.695

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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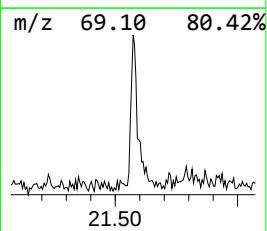
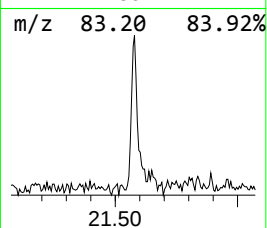
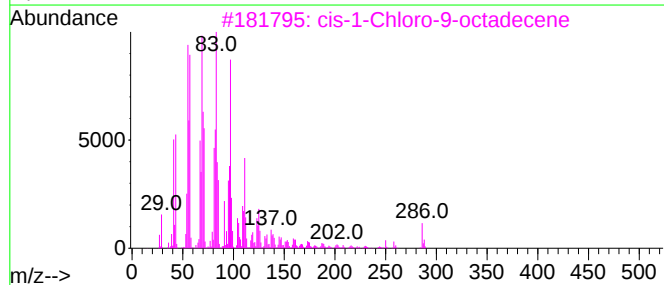
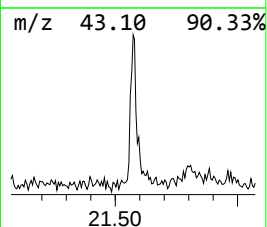
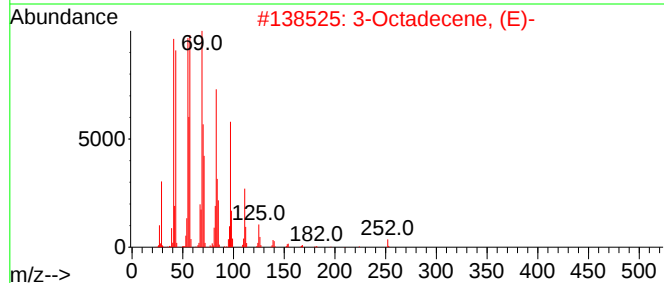
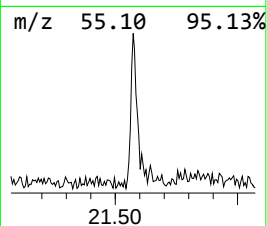
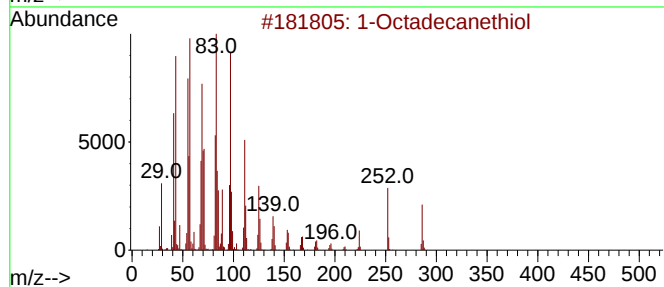
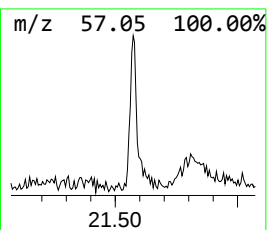
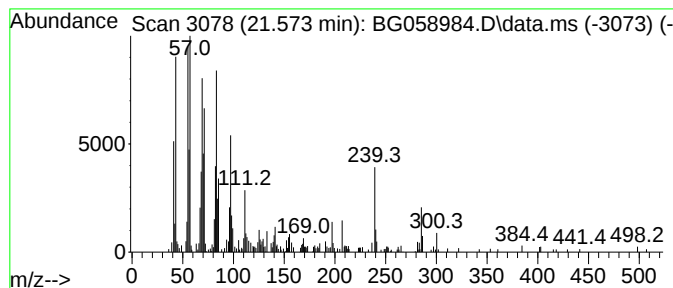
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Octadecanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.573	3.66 ng/ul	360853	Chrysene-d12	22.020

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanethiol	286	C18H38S	002885-00-9	98
2			3-Octadecene, (E)-	252	C18H36	007206-19-1	97
3			cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	93
4			1-Octadecene	252	C18H36	000112-88-9	92
5			5-Octadecene, (E)-	252	C18H36	007206-21-5	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.518	3.3	ng/ul	305217	4	17.695	1837030	20.0
1-Octadecanethiol	21.573	3.7	ng/ul	360853	5	22.020	1971850	20.0