

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
 Data File : BG052038.D
 Acq On : 18 Jan 2022 00:25
 Operator : CG/JU
 Sample : N1169-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLY6

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-BG010622.M
 Title : SVOA CALIBRATION

Signal : TIC: BG052038.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.570	9	14	18	rBV3	5499	7797	1.05%	0.103%
2	3.788	49	51	54	rBV2	867	1054	0.14%	0.014%
3	3.852	59	62	63	rBV2	1066	1059	0.14%	0.014%
4	3.999	82	87	101	rBV	54374	90334	12.22%	1.192%
5	4.246	125	129	133	rVB3	1083	1618	0.22%	0.021%
6	4.358	143	148	151	rVB3	1611	2277	0.31%	0.030%
7	5.286	301	306	314	rVB3	1638	3031	0.41%	0.040%
8	7.383	656	663	672	rBV	84127	155787	21.07%	2.056%
9	7.553	684	692	698	rBV	57973	99112	13.40%	1.308%
10	7.600	698	700	706	rVB	1898	2827	0.38%	0.037%
11	7.771	721	729	739	rBV	77896	132176	17.88%	1.744%
12	8.246	803	810	816	rBV2	80808	138503	18.73%	1.828%
13	8.945	923	929	937	rBV	105606	183266	24.78%	2.419%
14	9.415	1002	1009	1018	rVB	86967	150679	20.38%	1.989%
15	9.551	1028	1032	1034	rBV	1024	1151	0.16%	0.015%
16	10.150	1126	1134	1140	rBV	78263	135059	18.27%	1.782%
17	10.696	1221	1227	1237	rVB	113719	195592	26.45%	2.581%
18	10.843	1247	1252	1256	rVB2	1486	2234	0.30%	0.029%
19	11.084	1286	1293	1301	rVB	120311	218506	29.55%	2.884%
20	11.207	1307	1314	1325	rBV	107018	199784	27.02%	2.637%
21	11.883	1424	1429	1431	rBV	721	1050	0.14%	0.014%
22	12.482	1526	1531	1534	rBV	937	1351	0.18%	0.018%
23	12.658	1558	1561	1566	rBV3	1707	2523	0.34%	0.033%
24	13.416	1687	1690	1694	rVB	594	993	0.13%	0.013%
25	13.704	1731	1739	1744	rBV4	3514	5870	0.79%	0.077%
26	14.203	1821	1824	1827	rBV2	841	1065	0.14%	0.014%
27	14.279	1830	1837	1843	rBV	254551	368876	49.89%	4.868%
28	14.509	1871	1876	1883	rBV2	3389	4992	0.68%	0.066%
29	14.585	1883	1889	1896	rVB	269058	422205	57.10%	5.572%
30	14.767	1917	1920	1924	rVB	2173	2734	0.37%	0.036%
31	14.890	1934	1941	1948	rBV	230644	353164	47.76%	4.661%
32	15.067	1965	1971	1982	rBV	106421	185392	25.07%	2.447%
33	15.284	2007	2008	2012	rVB2	1888	1302	0.18%	0.017%
34	15.466	2037	2039	2044	rVB	773	1117	0.15%	0.015%
35	15.513	2044	2047	2051	rBV2	2652	4005	0.54%	0.053%
36	15.672	2071	2074	2079	rBV3	2458	4485	0.61%	0.059%

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37	15.719	2079	2082	2084	rVB2	2205	2364	0.32%	0.031%
38	15.883	2102	2110	2117	rBV	359546	549872	74.36%	7.257%
39	15.983	2121	2127	2138	rVB	104507	155089	20.97%	2.047%
40	16.112	2147	2149	2156	rVB3	2091	2887	0.39%	0.038%
41	16.183	2158	2161	2164	rBV	932	1020	0.14%	0.013%
42	16.271	2170	2176	2180	rBV3	1706	1809	0.24%	0.024%
43	16.400	2195	2198	2201	rBV	753	1097	0.15%	0.014%
44	16.553	2219	2224	2229	rBV4	2552	5379	0.73%	0.071%
45	16.653	2239	2241	2244	rBV2	1319	1212	0.16%	0.016%
46	16.758	2255	2259	2262	rBV	2146	2619	0.35%	0.035%
47	16.823	2266	2270	2273	rBV2	1040	1158	0.16%	0.015%
48	16.858	2273	2276	2278	rBV	927	1065	0.14%	0.014%
49	16.911	2283	2285	2287	rBV	995	1018	0.14%	0.013%
50	16.982	2294	2297	2301	rBV3	1251	1469	0.20%	0.019%
51	17.023	2301	2304	2306	rVV2	1023	1042	0.14%	0.014%
52	17.093	2312	2316	2317	rBV2	1436	1431	0.19%	0.019%
53	17.369	2360	2363	2367	rBV3	2723	3845	0.52%	0.051%
54	17.428	2370	2373	2376	rVV3	1782	1772	0.24%	0.023%
55	17.528	2385	2390	2395	rBV4	4436	6010	0.81%	0.079%
56	17.640	2403	2409	2416	rBV	308083	472264	63.87%	6.233%
57	17.739	2420	2426	2436	rVV	432175	640785	86.66%	8.457%
58	17.804	2436	2437	2442	rVB2	3367	4240	0.57%	0.056%
59	17.904	2450	2454	2458	rBV	2287	3104	0.42%	0.041%
60	17.939	2458	2460	2464	rVB3	1353	1828	0.25%	0.024%
61	18.115	2488	2490	2494	rVB4	1678	2311	0.31%	0.030%
62	18.174	2497	2500	2502	rVB4	1326	1261	0.17%	0.017%
63	18.198	2502	2504	2506	rBV3	1153	1092	0.15%	0.014%
64	18.286	2516	2519	2521	rBV3	2219	2266	0.31%	0.030%
65	18.350	2528	2530	2532	rBV	1459	1501	0.20%	0.020%
66	18.421	2540	2542	2548	rVB4	1383	2067	0.28%	0.027%
67	18.509	2552	2557	2563	rBV	36689	50569	6.84%	0.667%
68	18.585	2567	2570	2572	rVB2	2865	2946	0.40%	0.039%
69	18.638	2577	2579	2580	rBV2	1612	1014	0.14%	0.013%
70	18.697	2586	2589	2590	rVB2	1868	1509	0.20%	0.020%
71	18.861	2614	2617	2618	rVB2	1771	1348	0.18%	0.018%
72	18.903	2623	2624	2626	rBV	1850	1359	0.18%	0.018%
73	18.938	2626	2630	2631	rBV3	1157	1143	0.15%	0.015%
74	18.991	2634	2639	2641	rBV5	1119	1564	0.21%	0.021%
75	19.026	2643	2645	2648	rBV3	1729	1653	0.22%	0.022%
76	19.261	2683	2685	2687	rBV2	1800	1807	0.24%	0.024%

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77	19.284	2687	2689	2691	rVB3	2189	1967	0.27%	0.026%
78	19.367	2699	2703	2706	rBV4	4615	6793	0.92%	0.090%
79	19.561	2734	2736	2737	rBV2	1304	1216	0.16%	0.016%
80	19.590	2737	2741	2744	rVV5	4477	7063	0.96%	0.093%
81	19.655	2749	2752	2760	rVB3	6241	9929	1.34%	0.131%
82	19.713	2760	2762	2763	rBV2	1374	1156	0.16%	0.015%
83	19.772	2769	2772	2776	rVB5	5192	6422	0.87%	0.085%
84	19.884	2789	2791	2792	rBV2	1950	1667	0.23%	0.022%
85	19.907	2793	2795	2800	rVV6	3689	5988	0.81%	0.079%
86	19.966	2803	2805	2807	rBV3	2796	2161	0.29%	0.029%
87	20.019	2808	2814	2822	rVB	504656	739427	100.00%	9.758%
88	20.318	2864	2865	2868	rBV3	2131	1331	0.18%	0.018%
89	20.906	2963	2965	2971	rVB7	8751	9899	1.34%	0.131%
90	21.411	3049	3051	3052	rBV2	3081	1852	0.25%	0.024%
91	21.558	3072	3076	3085	rBV5	29878	68937	9.32%	0.910%
92	21.963	3139	3145	3154	rVB	292939	487801	65.97%	6.438%
93	22.803	3286	3288	3291	rBV3	4536	4044	0.55%	0.053%
94	24.571	3587	3589	3592	rVB4	6301	4934	0.67%	0.065%
95	25.212	3688	3698	3711	rVB2	221882	687137	92.93%	9.068%
96	25.453	3730	3739	3753	rVB2	155801	494381	66.86%	6.524%
97	27.215	4037	4039	4041	rBV3	3405	2988	0.40%	0.039%
98	28.642	4281	4282	4283	rBV	5113	1882	0.25%	0.025%
99	29.236	4381	4383	4384	rBV2	3549	2553	0.35%	0.034%
100	29.964	4505	4507	4511	rVB4	4084	3123	0.42%	0.041%

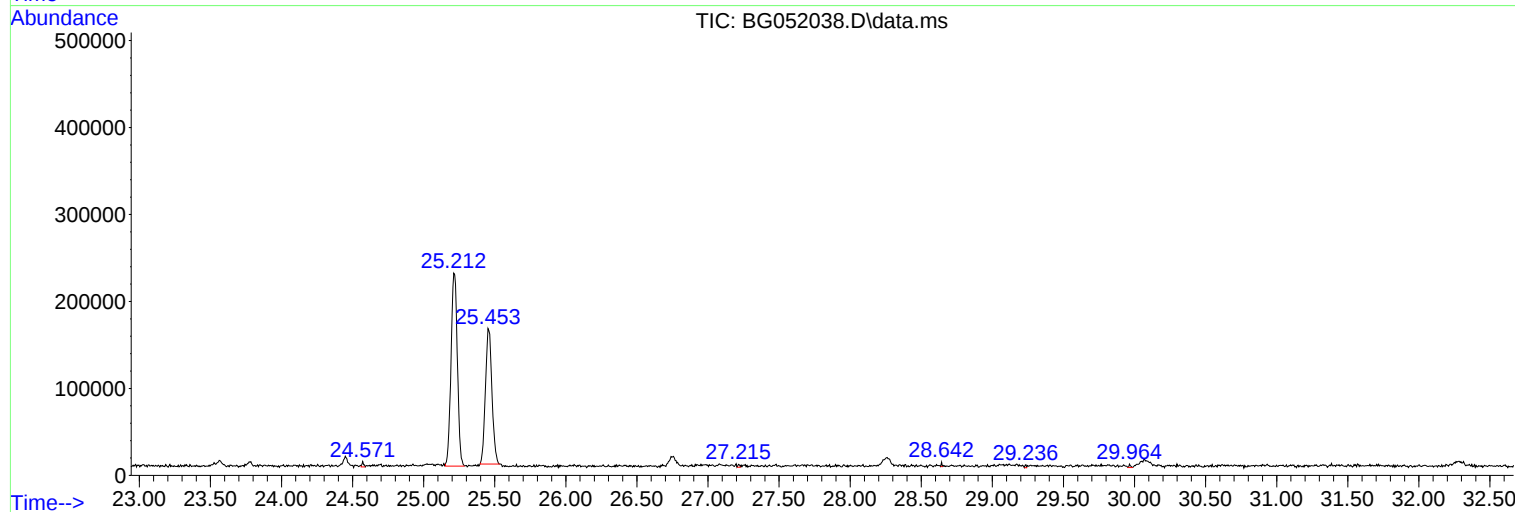
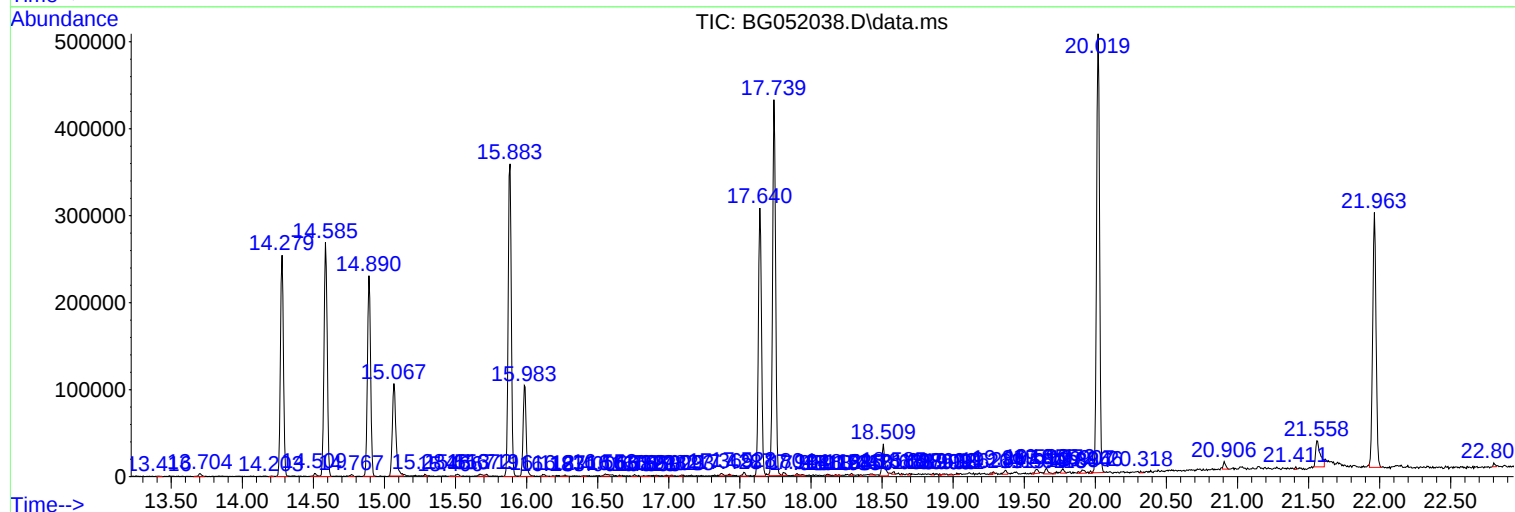
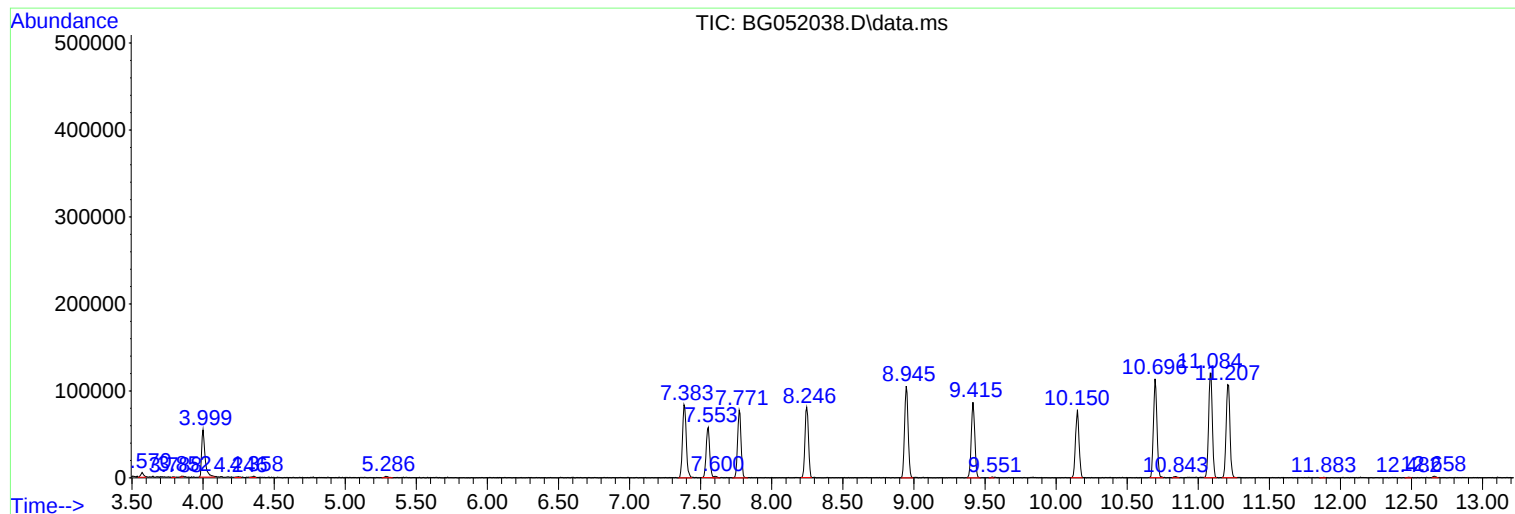
Sum of corrected areas: 7577410

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

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



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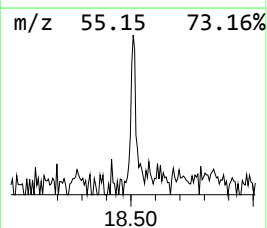
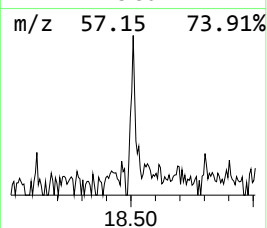
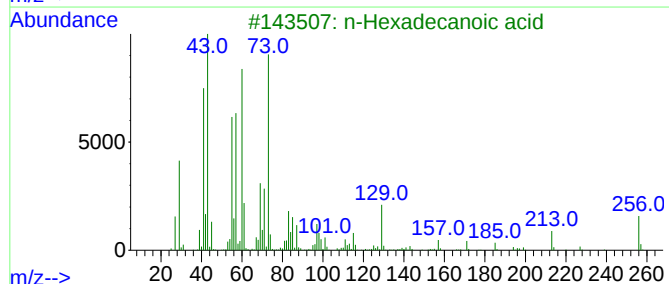
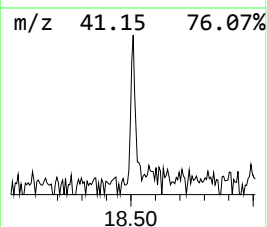
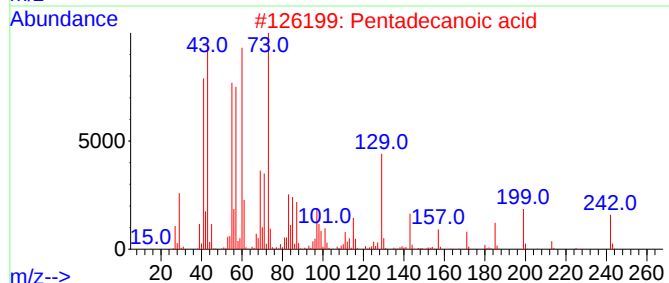
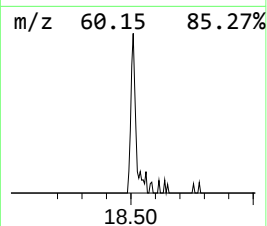
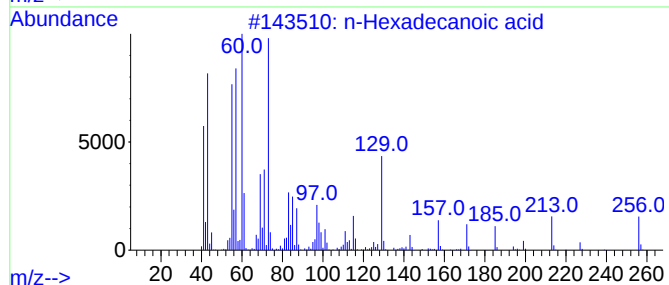
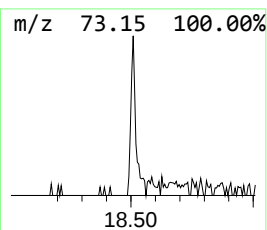
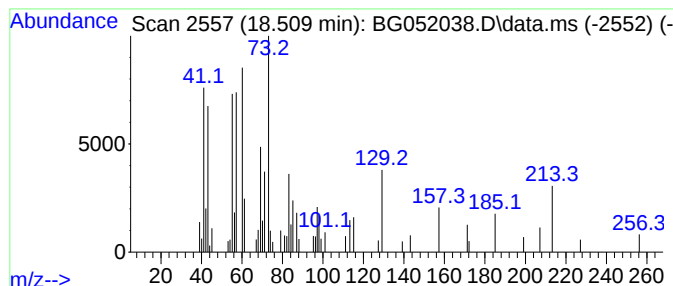
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

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.
18.509	2.14 ng/ul	50569	Phenanthrene-d10	17.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			Dodecanoic acid	200	C12H24O2	000143-07-7	58



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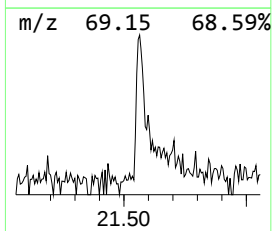
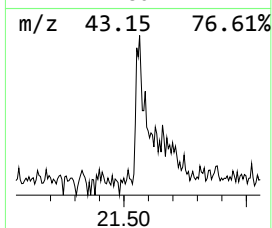
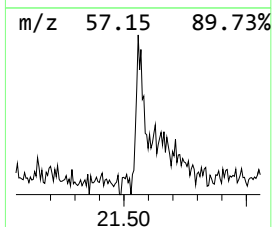
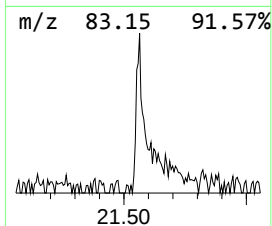
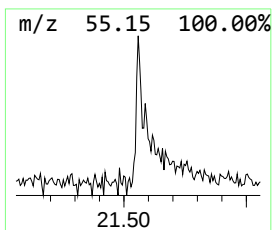
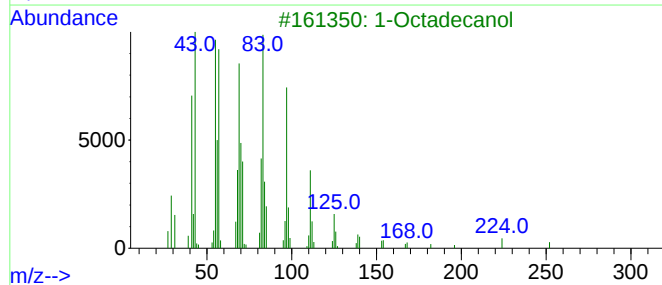
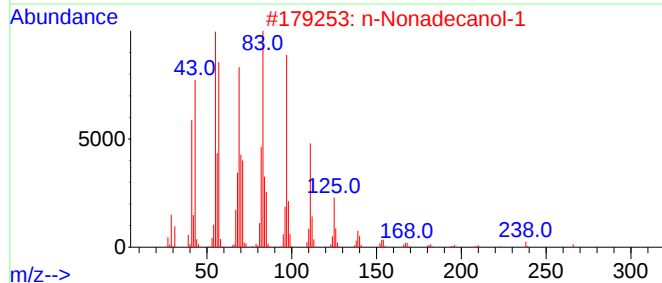
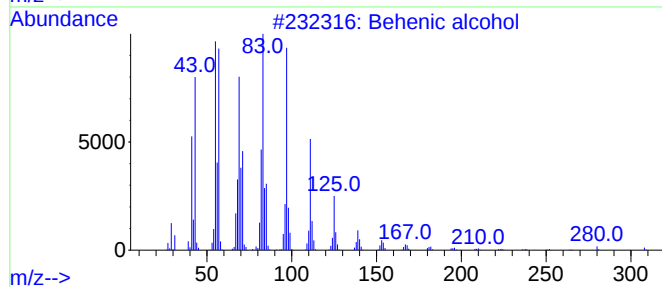
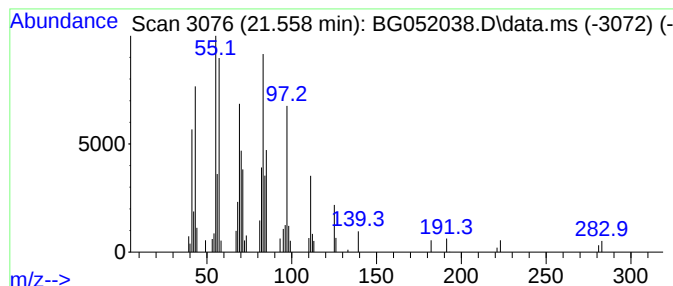
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.558	2.83 ng/ul	68937	Chrysene-d12	21.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	74
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	72
3			1-Octadecanol	270	C18H38O	000112-92-5	72
4			1,2-Octadecanediol	286	C18H38O2	020294-76-2	72
5			1-Heneicosanol	312	C21H44O	015594-90-8	70



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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 ...	18.509	2.1	ng/ul	50569	4	17.640	472264	20.0
Behenic alcohol	21.558	2.8	ng/ul	68937	5	21.963	487801	20.0