

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101720\
 Data File : BG046948.D
 Acq On : 17 Oct 2020 18:59
 Operator : CG/JU
 Sample : L4201-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.479	20	24	31	rVB5	15453	25200	0.99%	0.103%
2	4.013	111	115	118	rBV3	4327	6272	0.25%	0.026%
3	4.237	149	153	157	rBV4	3772	5994	0.24%	0.025%
4	6.887	601	604	607	rBV3	2709	2901	0.11%	0.012%
5	7.221	654	661	673	rVB	319647	564487	22.22%	2.314%
6	7.392	683	690	700	rBV	246337	402330	15.83%	1.650%
7	7.598	716	725	733	rBV	316751	551970	21.72%	2.263%
8	8.073	798	806	812	rBV	219749	369635	14.55%	1.516%
9	8.773	917	925	933	rBV	386195	673006	26.49%	2.759%
10	9.231	993	1003	1013	rBV2	333083	600015	23.62%	2.460%
11	9.395	1024	1031	1033	rBV3	2349	3613	0.14%	0.015%
12	9.648	1070	1074	1078	rVB4	2513	3686	0.15%	0.015%
13	9.954	1118	1126	1134	rBV	306005	539764	21.24%	2.213%
14	10.494	1210	1218	1228	rBV	429863	794969	31.29%	3.259%
15	10.882	1276	1284	1293	rBV	308255	553700	21.79%	2.270%
16	11.011	1298	1306	1319	rBV	386074	694953	27.35%	2.849%
17	11.358	1361	1365	1366	rBV2	3867	4809	0.19%	0.020%
18	12.468	1547	1554	1562	rVB5	6764	12485	0.49%	0.051%
19	13.426	1713	1717	1718	rBV	1980	2559	0.10%	0.010%
20	13.585	1739	1744	1750	rBV4	5958	8882	0.35%	0.036%
21	14.096	1821	1831	1836	rBV	886703	1308826	51.51%	5.366%
22	14.143	1836	1839	1847	rVB	132478	178041	7.01%	0.730%
23	14.395	1874	1882	1889	rVV	932029	1495983	58.88%	6.134%
24	14.583	1910	1914	1918	rVB2	2163	3443	0.14%	0.014%
25	14.701	1926	1934	1942	rBV2	522380	831985	32.75%	3.411%
26	14.883	1958	1965	1975	rBV	325399	545254	21.46%	2.236%
27	15.183	2011	2016	2019	rBV3	1706	3632	0.14%	0.015%
28	15.359	2045	2046	2050	rBV	2499	2924	0.12%	0.012%
29	15.430	2055	2058	2061	rVB4	2174	2962	0.12%	0.012%
30	15.688	2094	2102	2111	rBV	1316337	1919498	75.55%	7.870%
31	15.800	2115	2121	2129	rBV	396044	575692	22.66%	2.360%
32	15.929	2139	2143	2148	rVB	16877	23896	0.94%	0.098%
33	16.076	2163	2168	2173	rBV3	2652	5094	0.20%	0.021%
34	16.264	2194	2200	2202	rVB3	2472	3683	0.14%	0.015%

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35	16.469	2230	2235	2241	rVB5	5395	9347	0.37%	0.038%
36	16.975	2313	2321	2326	rBV2	18388	27891	1.10%	0.114%
37	17.186	2355	2357	2359	rBV3	2658	2680	0.11%	0.011%
38	17.227	2359	2364	2370	rVV5	4783	8907	0.35%	0.037%
39	17.439	2392	2400	2407	rBV	696240	1071818	42.18%	4.394%
40	17.545	2411	2418	2425	rVV	1316649	2012279	79.20%	8.250%
41	17.598	2425	2427	2432	rVB3	3757	4398	0.17%	0.018%
42	17.756	2452	2454	2456	rVV2	2862	3024	0.12%	0.012%
43	17.786	2457	2459	2460	rVV2	5282	3433	0.14%	0.014%
44	17.803	2460	2462	2465	rVV4	3421	4410	0.17%	0.018%
45	18.003	2493	2496	2498	rVB2	2360	2562	0.10%	0.011%
46	18.097	2509	2512	2517	rVB4	5942	7799	0.31%	0.032%
47	18.203	2525	2530	2532	rBV3	3020	2903	0.11%	0.012%
48	18.244	2532	2537	2540	rBV4	2051	3917	0.15%	0.016%
49	18.320	2545	2550	2558	rBV2	88160	136139	5.36%	0.558%
50	18.403	2561	2564	2566	rVB3	3932	4058	0.16%	0.017%
51	18.526	2583	2585	2589	rBV4	3756	3795	0.15%	0.016%
52	18.673	2608	2610	2612	rBV3	3058	3217	0.13%	0.013%
53	18.714	2615	2617	2621	rBV4	3851	4930	0.19%	0.020%
54	18.814	2633	2634	2637	rBV2	4133	3170	0.12%	0.013%
55	18.961	2656	2659	2662	rBV4	5283	5057	0.20%	0.021%
56	19.019	2666	2669	2673	rVB5	7373	8098	0.32%	0.033%
57	19.061	2673	2676	2679	rBV4	8602	9885	0.39%	0.041%
58	19.090	2679	2681	2683	rVB3	4445	3363	0.13%	0.014%
59	19.113	2683	2685	2689	rBV5	5576	7457	0.29%	0.031%
60	19.219	2699	2703	2710	rVB7	22493	35561	1.40%	0.146%
61	19.360	2725	2727	2728	rBV2	4212	2970	0.12%	0.012%
62	19.395	2730	2733	2735	rVB4	7127	6747	0.27%	0.028%
63	19.460	2738	2744	2750	rVV2	21580	37496	1.48%	0.154%
64	19.589	2762	2766	2771	rBV7	14905	22126	0.87%	0.091%
65	19.713	2783	2787	2796	rVB3	14130	27658	1.09%	0.113%
66	19.824	2799	2806	2817	rBV	1807881	2540780	100.00%	10.417%
67	19.989	2832	2834	2835	rBV2	7155	6367	0.25%	0.026%
68	20.136	2855	2859	2862	rBV	48702	52185	2.05%	0.214%
69	20.171	2862	2865	2869	rVB	81895	90465	3.56%	0.371%
70	20.312	2887	2889	2892	rVB3	7830	7997	0.31%	0.033%
71	20.482	2916	2918	2919	rBV2	4773	3216	0.13%	0.013%

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72	20.665	2947	2949	2950	rBV2	8448	6486	0.26%	0.027%
73	20.723	2956	2959	2964	rVB5	27935	38682	1.52%	0.159%
74	21.123	3024	3027	3030	rBV4	26117	29594	1.16%	0.121%
75	21.164	3030	3034	3040	rVB	41049	52947	2.08%	0.217%
76	21.346	3060	3065	3073	rBV	263135	421603	16.59%	1.729%
77	21.469	3085	3086	3087	rBV	8852	4779	0.19%	0.020%
78	21.710	3121	3127	3136	rVB	696365	1112269	43.78%	4.560%
79	21.898	3156	3159	3163	rBV6	13666	24787	0.98%	0.102%
80	22.280	3212	3224	3226	rBV6	74395	203434	8.01%	0.834%
81	22.521	3263	3265	3267	rBV3	11470	11859	0.47%	0.049%
82	23.608	3448	3450	3451	rBV2	7889	5080	0.20%	0.021%
83	23.696	3462	3465	3466	rBV3	16026	18772	0.74%	0.077%
84	23.949	3507	3508	3509	rBV	7282	2884	0.11%	0.012%
85	24.025	3517	3521	3527	rVB9	24694	48694	1.92%	0.200%
86	24.736	3630	3642	3656	rBV	811267	2238107	88.09%	9.176%
87	24.960	3670	3680	3691	rVB2	384973	1137233	44.76%	4.663%
88	26.123	3871	3878	3886	rVB5	32587	86040	3.39%	0.353%
89	27.316	4079	4081	4082	rBV2	10020	5891	0.23%	0.024%
90	28.038	4202	4204	4207	rBV4	9199	7455	0.29%	0.031%
91	30.529	4626	4628	4630	rBV3	8771	7157	0.28%	0.029%
92	30.618	4641	4643	4645	rBV3	9220	8930	0.35%	0.037%
93	32.433	4950	4952	4954	rBV2	8805	7282	0.29%	0.030%

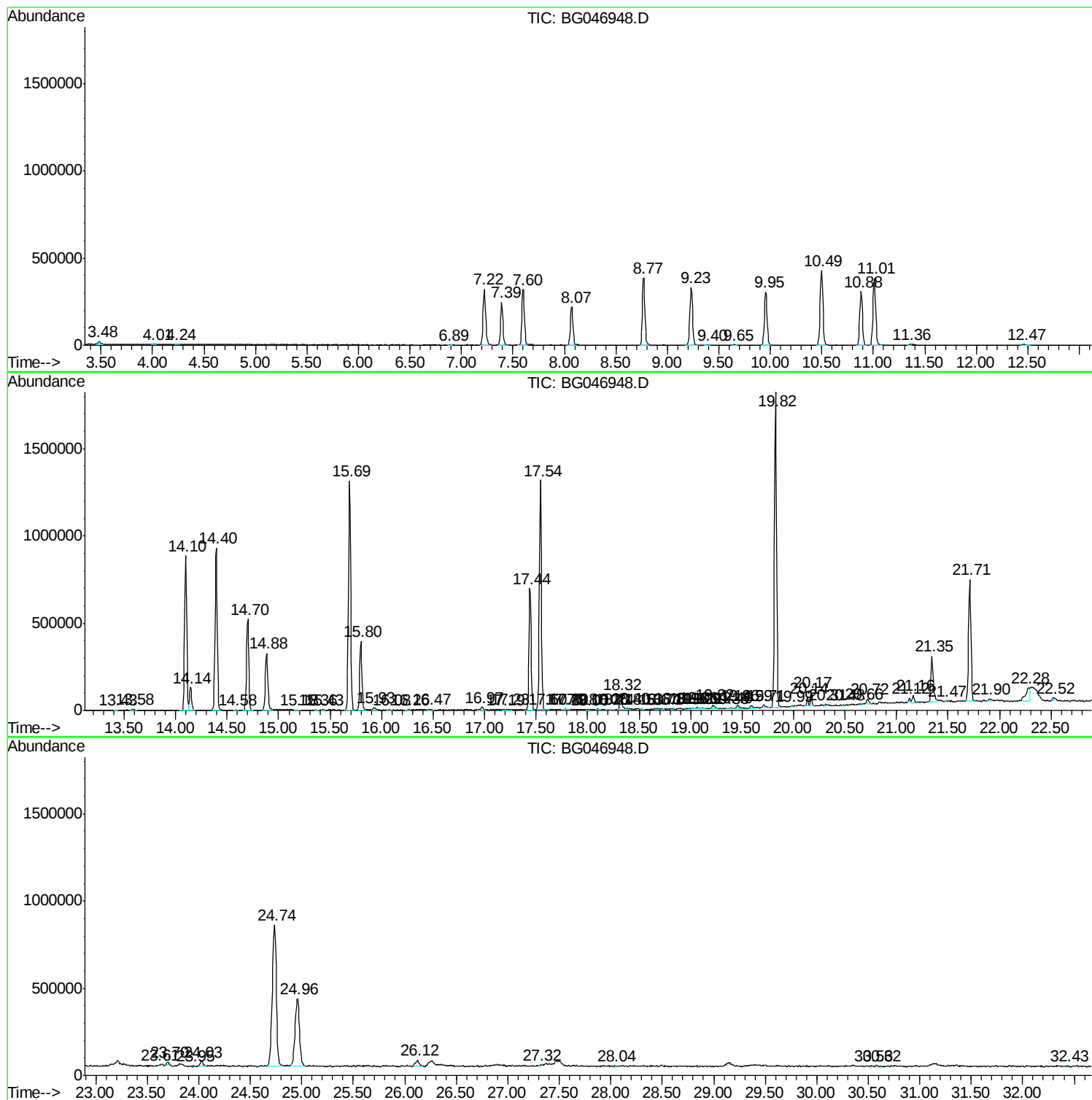
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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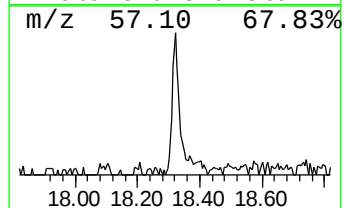
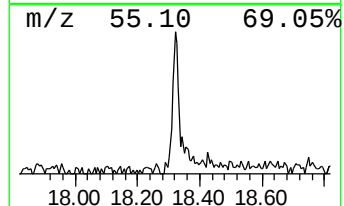
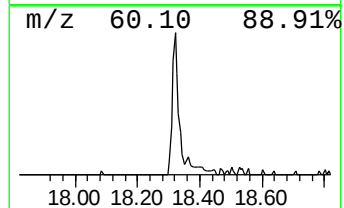
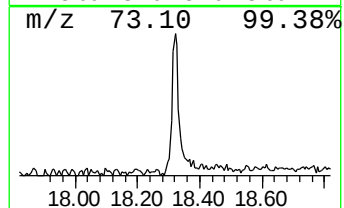
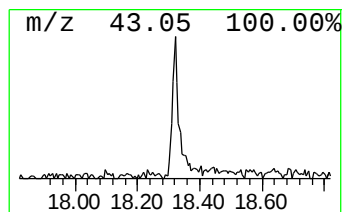
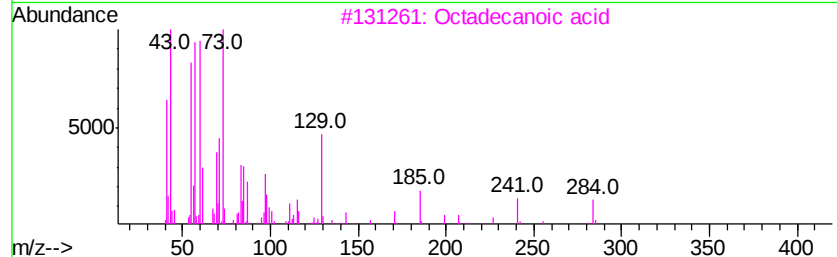
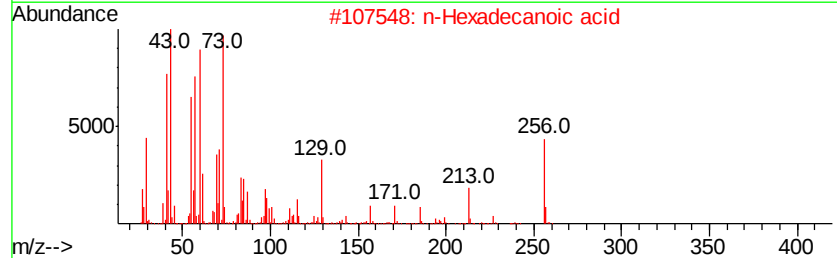
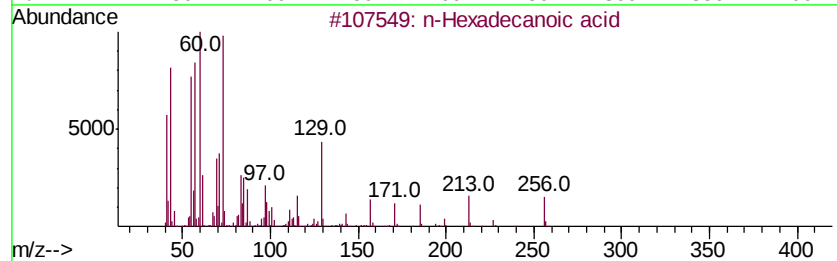
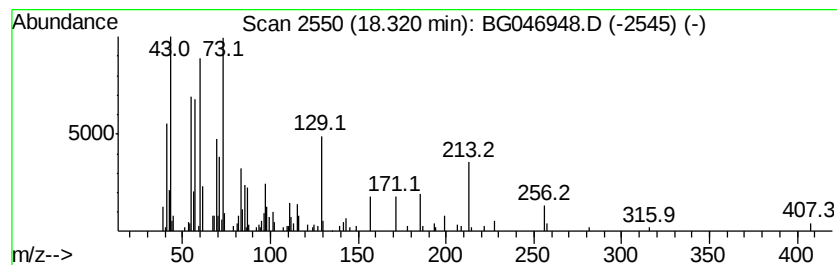
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.54 ng/ul	136139	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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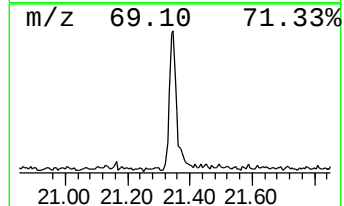
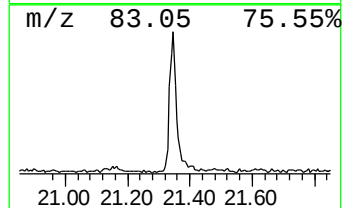
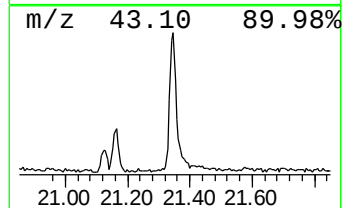
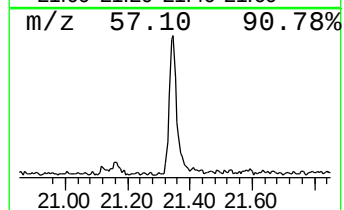
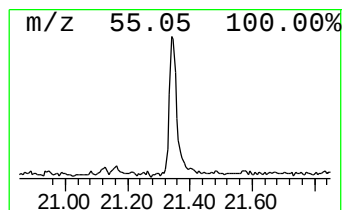
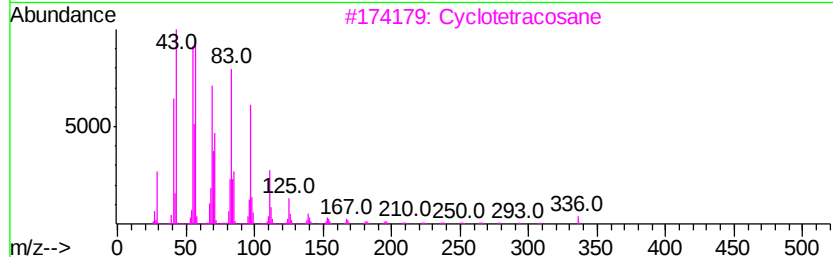
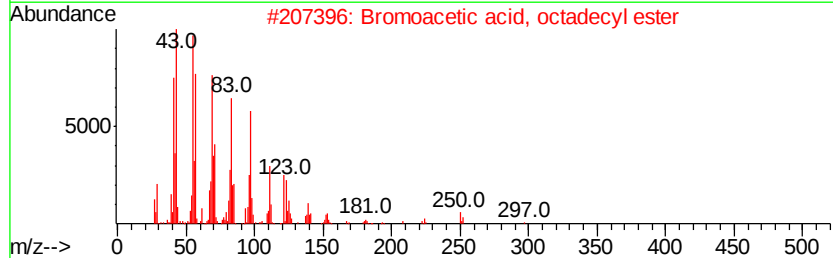
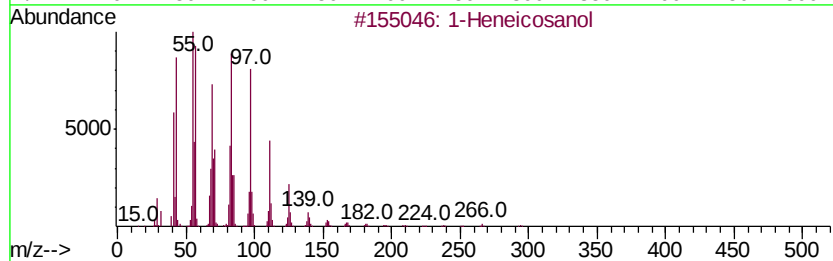
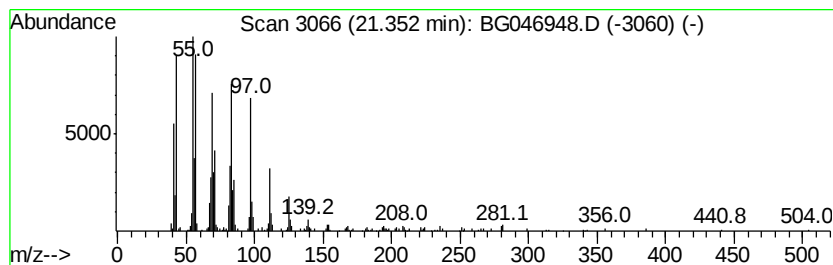
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	7.58 ng/ul	421603	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	92
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		Cyclotetracosane	336	C24H48	000297-03-0	81
4		Behenic alcohol	326	C22H46O	000661-19-8	76
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.32	2.5	ng/ul	136139	4	17.44	1071820	20.0
1-Heneicosanol	21.35	7.6	ng/ul	421603	5	21.71	1112270	20.0