

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047589.D
 Acq On : 5 Dec 2020 3:44
 Operator : CG/JU
 Sample : L4864-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BA7

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-BG111920MA.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	3.520	29	31	33	rBV2	2614	2608	0.18%	0.018%
2	3.585	37	42	47	rVV3	9114	13918	0.96%	0.096%
3	3.867	87	90	94	rBV3	6540	9283	0.64%	0.064%
4	4.067	122	124	127	rBV3	2863	3019	0.21%	0.021%
5	4.184	142	144	146	rBV2	2669	2261	0.16%	0.016%
6	4.284	157	161	163	rVB	2167	2489	0.17%	0.017%
7	4.960	272	276	277	rBV	1910	2124	0.15%	0.015%
8	5.019	284	286	288	rBV2	1893	2046	0.14%	0.014%
9	5.071	293	295	298	rVB	1964	2051	0.14%	0.014%
10	5.536	370	374	375	rVB	2569	2028	0.14%	0.014%
11	5.865	428	430	432	rBV	2552	2087	0.14%	0.014%
12	5.976	447	449	452	rVB	1962	2112	0.15%	0.015%
13	6.088	465	468	471	rBV	1908	2617	0.18%	0.018%
14	6.288	498	502	503	rBV	2724	3136	0.22%	0.022%
15	6.981	617	620	623	rBV	1762	2359	0.16%	0.016%
16	7.386	682	689	701	rVB	234966	450977	31.21%	3.107%
17	7.563	710	719	727	rVB	136291	232441	16.08%	1.602%
18	7.774	748	755	761	rBV	231659	408600	28.27%	2.815%
19	8.109	808	812	815	rVB	1418	2027	0.14%	0.014%
20	8.250	829	836	844	rBV	115213	205346	14.21%	1.415%
21	8.379	854	858	860	rBV	1495	2343	0.16%	0.016%
22	8.943	946	954	963	rBV2	287468	503459	34.84%	3.469%
23	9.419	1026	1035	1043	rVB	237155	419567	29.03%	2.891%
24	9.819	1099	1103	1107	rVB2	4240	6262	0.43%	0.043%
25	10.148	1149	1159	1167	rBV2	229083	431125	29.83%	2.970%
26	10.577	1229	1232	1233	rBV2	2443	2175	0.15%	0.015%
27	10.641	1239	1243	1244	rBV2	1609	2027	0.14%	0.014%
28	10.688	1244	1251	1259	rVB	314661	572609	39.62%	3.945%
29	11.076	1307	1317	1327	rBV	146863	272299	18.84%	1.876%
30	11.200	1329	1338	1350	rBV	268292	495769	34.31%	3.416%
31	12.639	1578	1583	1589	rBV3	4349	7335	0.51%	0.051%
32	13.138	1664	1668	1670	rBV3	1899	2355	0.16%	0.016%
33	13.274	1690	1691	1695	rVB3	2335	2207	0.15%	0.015%
34	13.679	1757	1760	1764	rBV	2062	3256	0.23%	0.022%

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35	13.744	1765	1771	1775	rBV2	6423	10571	0.73%	0.073%
36	14.255	1852	1858	1863	rBV	567375	864869	59.85%	5.959%
37	14.302	1863	1866	1873	rVB	141494	201041	13.91%	1.385%
38	14.507	1899	1901	1904	rBV	2001	2426	0.17%	0.017%
39	14.560	1904	1910	1921	rVB	548880	919954	63.66%	6.338%
40	14.660	1924	1927	1929	rBV	2652	2498	0.17%	0.017%
41	14.737	1937	1940	1944	rBV2	4076	5826	0.40%	0.040%
42	14.866	1956	1962	1969	rBV2	253775	396305	27.42%	2.731%
43	15.030	1980	1990	2000	rBV	315960	521149	36.06%	3.591%
44	15.242	2023	2026	2027	rBV	3554	3008	0.21%	0.021%
45	15.259	2027	2029	2033	rVB2	6689	6209	0.43%	0.043%
46	15.624	2088	2091	2095	rBV	1961	3004	0.21%	0.021%
47	15.683	2099	2101	2107	rVB3	3853	4374	0.30%	0.030%
48	15.853	2123	2130	2136	rBV	725721	1133729	78.45%	7.811%
49	15.953	2141	2147	2158	rBV	309301	457454	31.65%	3.152%
50	16.082	2166	2169	2175	rVB3	10745	14699	1.02%	0.101%
51	16.241	2194	2196	2200	rVB	2336	3066	0.21%	0.021%
52	16.411	2220	2225	2227	rBV	1987	2889	0.20%	0.020%
53	16.487	2234	2238	2240	rBV	2016	2390	0.17%	0.016%
54	16.511	2240	2242	2246	rBV	3757	2571	0.18%	0.018%
55	16.564	2249	2251	2256	rVB	2254	3199	0.22%	0.022%
56	16.617	2258	2260	2261	rBV	3340	2368	0.16%	0.016%
57	16.722	2274	2278	2280	rVB	3490	4110	0.28%	0.028%
58	16.828	2292	2296	2299	rVV3	3310	3951	0.27%	0.027%
59	16.887	2303	2306	2309	rBV2	2313	3348	0.23%	0.023%
60	17.151	2349	2351	2353	rVB2	2900	2594	0.18%	0.018%
61	17.328	2377	2381	2385	rBV3	3353	3701	0.26%	0.025%
62	17.386	2387	2391	2392	rBV2	3116	3598	0.25%	0.025%
63	17.604	2421	2428	2435	rVB	330907	525108	36.34%	3.618%
64	17.704	2437	2445	2453	rVV	815226	1275652	88.27%	8.789%
65	17.762	2453	2455	2459	rVB2	4765	5154	0.36%	0.036%
66	17.927	2480	2483	2484	rBV	1842	2258	0.16%	0.016%
67	17.956	2485	2488	2495	rVB2	3271	5684	0.39%	0.039%
68	18.138	2515	2519	2520	rBV2	1983	3096	0.21%	0.021%
69	18.215	2530	2532	2535	rBV	3598	3361	0.23%	0.023%
70	18.250	2535	2538	2540	rVV	2483	2599	0.18%	0.018%
71	18.356	2554	2556	2559	rVB2	2814	2104	0.15%	0.014%

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72	18.432	2568	2569	2572	rVB2	3713	2195	0.15%	0.015%
73	18.456	2572	2573	2575	rBV2	4446	3340	0.23%	0.023%
74	18.585	2593	2595	2597	rBV2	2238	2337	0.16%	0.016%
75	18.750	2621	2623	2626	rVB3	2990	2523	0.17%	0.017%
76	18.814	2631	2634	2635	rBV3	3567	2375	0.16%	0.016%
77	18.832	2635	2637	2638	rBV2	5024	2712	0.19%	0.019%
78	18.855	2638	2641	2642	rVB2	4012	2932	0.20%	0.020%
79	18.867	2642	2643	2645	rBV2	4356	2742	0.19%	0.019%
80	18.885	2645	2646	2648	rBV2	3190	2434	0.17%	0.017%
81	18.926	2652	2653	2656	rBV3	3390	2868	0.20%	0.020%
82	19.114	2682	2685	2686	rBV2	2799	2598	0.18%	0.018%
83	19.173	2693	2695	2698	rVB2	3993	3754	0.26%	0.026%
84	19.220	2702	2703	2704	rVB	6779	2390	0.17%	0.016%
85	19.231	2704	2705	2707	rBV2	6697	5588	0.39%	0.039%
86	19.372	2727	2729	2730	rBV	3952	3484	0.24%	0.024%
87	19.531	2753	2756	2758	rBV4	5165	6460	0.45%	0.045%
88	19.601	2766	2768	2769	rBV2	8701	5313	0.37%	0.037%
89	19.666	2777	2779	2782	rVB2	6133	4443	0.31%	0.031%
90	19.854	2808	2811	2814	rBV	11975	13925	0.96%	0.096%
91	19.966	2824	2830	2836	rVB	1044882	1445165	100.00%	9.957%
92	20.101	2851	2853	2854	rBV2	8196	5000	0.35%	0.034%
93	20.295	2884	2886	2889	rVB4	11716	8076	0.56%	0.056%
94	21.258	3047	3050	3053	rBV4	15316	17997	1.25%	0.124%
95	21.294	3054	3056	3061	rVB5	20763	23866	1.65%	0.164%
96	21.482	3085	3088	3096	rBV2	70751	105250	7.28%	0.725%
97	21.881	3150	3156	3164	rVB2	303221	548470	37.95%	3.779%
98	25.036	3683	3693	3704	rVB	452076	1284134	88.86%	8.848%
99	25.271	3724	3733	3744	rVB2	176704	515156	35.65%	3.549%

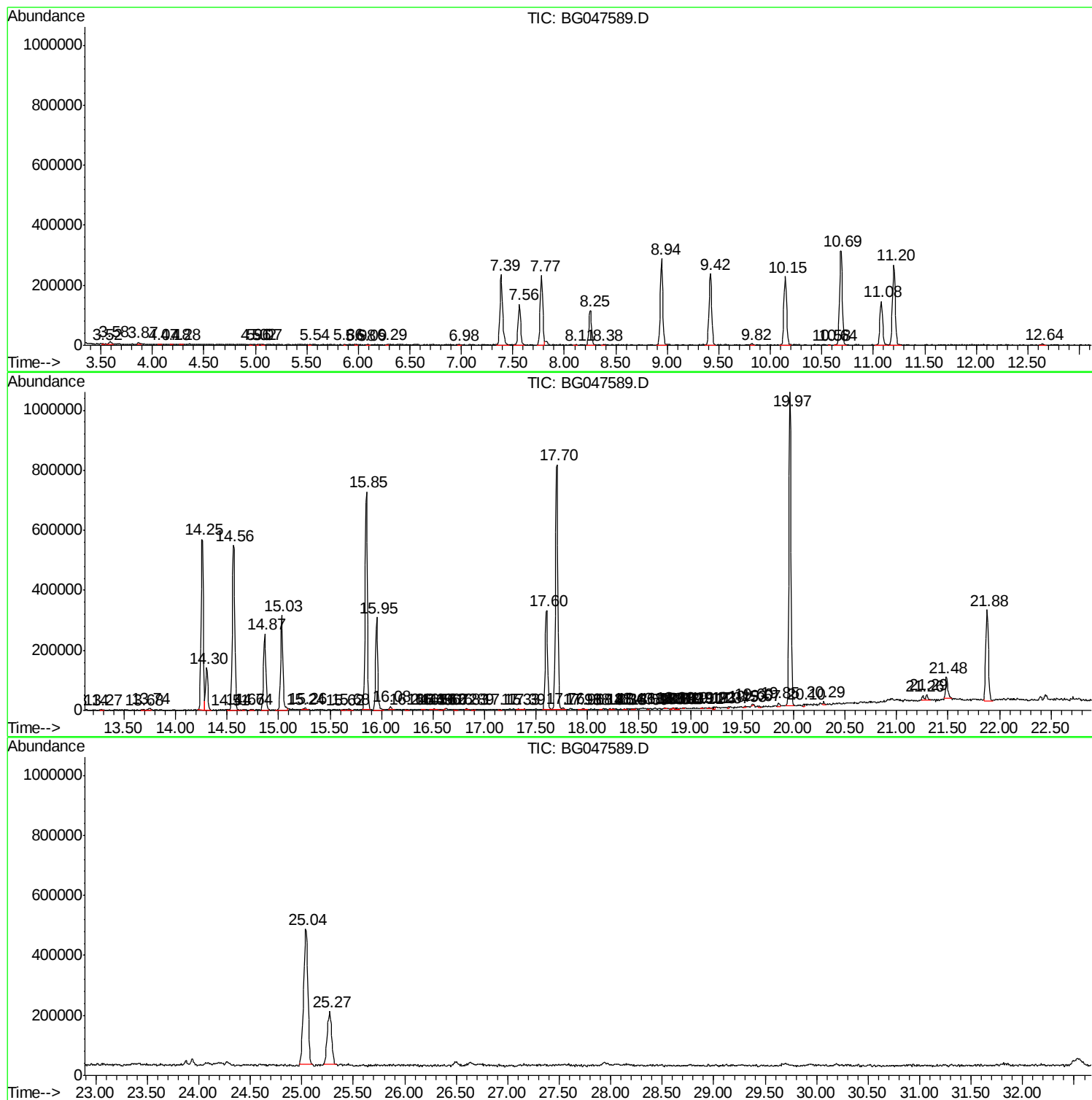
Sum of corrected areas: 14513761

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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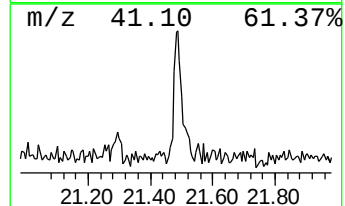
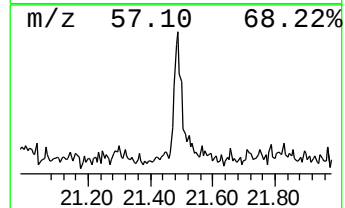
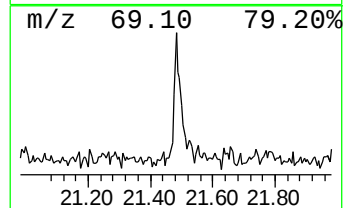
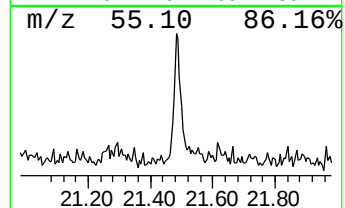
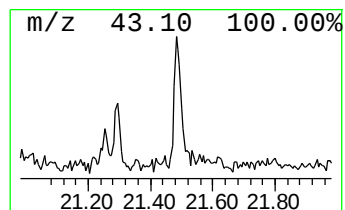
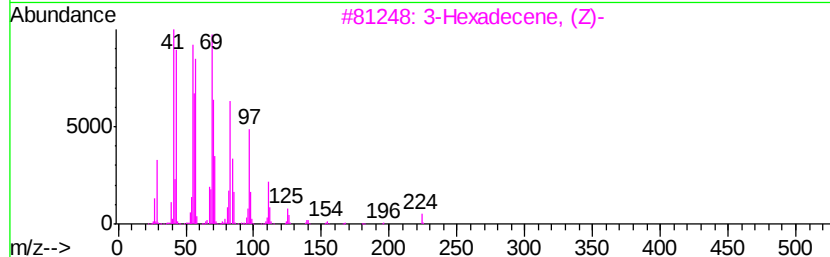
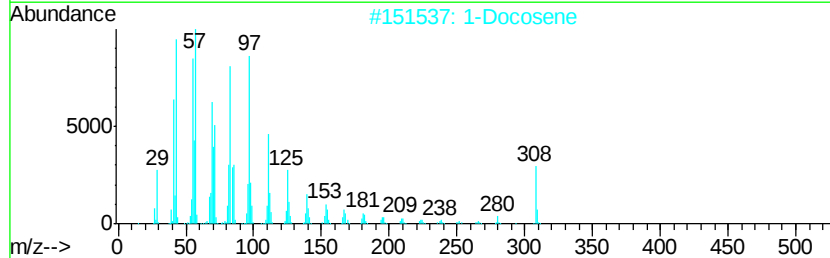
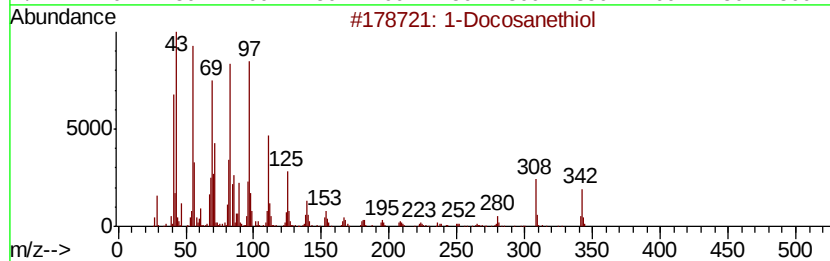
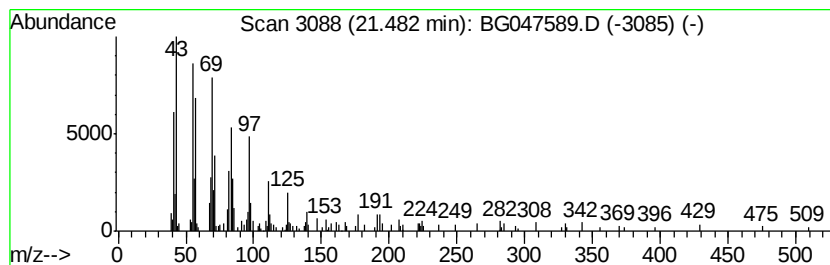
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Docosanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	3.84 ng/ul	105250	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosanethiol	342	C22H46S	007773-83-3	90
2		1-Docosene	308	C22H44	001599-67-3	87
3		3-Hexadecene, (Z)-	224	C16H32	034303-81-6	86
4		1-Pentadecene	210	C15H30	013360-61-7	70
5		Cetene	224	C16H32	000629-73-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Docosanethiol	21.48	3.8	ng/ul	105250	5	21.88	548470	20.0