

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058986.D
 Acq On : 11 Sep 2023 16:51
 Operator : MA/JU
 Sample : 04234-02
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YBY14

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: BG058986.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	32	rVB2	22801	28563	0.99%	0.099%
2	4.035	91	93	96	rVV3	3811	4519	0.16%	0.016%
3	4.076	96	100	108	rVV2	34996	58464	2.03%	0.202%
4	4.217	120	124	126	rVB2	3944	5288	0.18%	0.018%
5	4.270	129	133	134	rBV2	5763	6376	0.22%	0.022%
6	4.399	152	155	158	rBV3	6180	7115	0.25%	0.025%
7	4.617	189	192	194	rBV4	5827	6341	0.22%	0.022%
8	4.658	196	199	201	rBV3	4930	6278	0.22%	0.022%
9	4.758	213	216	217	rBV	4622	4377	0.15%	0.015%
10	5.034	260	263	265	rBV3	7030	7364	0.26%	0.025%
11	5.345	313	316	324	rVB5	6692	15073	0.52%	0.052%
12	6.450	503	504	509	rBV	3377	4502	0.16%	0.016%
13	6.861	571	574	577	rVB3	4023	5411	0.19%	0.019%
14	6.908	577	582	583	rBV2	3900	4698	0.16%	0.016%
15	7.431	664	671	681	rBV	341905	591643	20.59%	2.042%
16	7.642	700	707	716	rVB	254129	423630	14.74%	1.462%
17	7.836	730	740	746	rBV	313726	546747	19.03%	1.887%
18	8.065	775	779	782	rBV	3734	5712	0.20%	0.020%
19	8.324	814	823	830	rBV2	263887	445167	15.49%	1.536%
20	8.635	873	876	878	rVB2	4407	4651	0.16%	0.016%
21	8.653	878	879	882	rBV	6364	5571	0.19%	0.019%
22	9.005	932	939	945	rBV	420659	730454	25.42%	2.521%
23	9.241	975	979	983	rVB2	3955	5142	0.18%	0.018%
24	9.517	1019	1026	1034	rBV	307924	564344	19.64%	1.948%
25	10.169	1131	1137	1138	rBV	3051	5253	0.18%	0.018%
26	10.239	1140	1149	1157	rBV	266884	488364	17.00%	1.685%
27	10.762	1231	1238	1248	rVB	431097	789783	27.48%	2.726%
28	11.168	1299	1307	1315	rVB	404905	747973	26.03%	2.581%
29	11.309	1324	1331	1339	rVB	197540	373313	12.99%	1.288%
30	11.438	1351	1353	1357	rBV	4429	4501	0.16%	0.016%
31	11.638	1384	1387	1392	rBV	4627	8204	0.29%	0.028%
32	11.702	1396	1398	1402	rBV2	3060	4488	0.16%	0.015%
33	11.773	1408	1410	1412	rBV	4213	5477	0.19%	0.019%
34	12.102	1464	1466	1469	rVB	4693	5273	0.18%	0.018%
35	12.296	1495	1499	1500	rBV	4402	4784	0.17%	0.017%
36	12.390	1512	1515	1518	rVB	3852	5225	0.18%	0.018%

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37	12.725	1567	1572	1576	rVV4	10054	15013	0.52%	0.052%
38	12.930	1606	1607	1611	rVB2	4229	4764	0.17%	0.016%
39	13.095	1633	1635	1637	rVB	5403	4771	0.17%	0.016%
40	13.148	1641	1644	1647	rVB2	4162	5125	0.18%	0.018%
41	13.224	1655	1657	1660	rVB	4967	5688	0.20%	0.020%
42	13.330	1671	1675	1677	rBV2	6868	5823	0.20%	0.020%
43	13.377	1677	1683	1686	rVV3	3478	5500	0.19%	0.019%
44	13.518	1705	1707	1709	rBV2	4717	5165	0.18%	0.018%
45	13.712	1736	1740	1745	rVB5	7892	10891	0.38%	0.038%
46	13.782	1745	1752	1757	rBV3	31161	52040	1.81%	0.180%
47	13.935	1776	1778	1781	rVB	5109	4659	0.16%	0.016%
48	14.340	1841	1847	1853	rVB	860955	1283889	44.68%	4.431%
49	14.552	1878	1883	1887	rBV2	4960	9398	0.33%	0.032%
50	14.652	1893	1900	1908	rVB	959170	1516188	52.76%	5.233%
51	14.887	1939	1940	1944	rBV2	5067	6948	0.24%	0.024%
52	14.951	1944	1951	1958	rVB	765288	1221454	42.51%	4.215%
53	15.110	1969	1978	1985	rBV	454990	725232	25.24%	2.503%
54	15.286	2007	2008	2013	rVB4	9151	9502	0.33%	0.033%
55	15.715	2080	2081	2083	rBV2	5921	5051	0.18%	0.017%
56	15.933	2110	2118	2126	rVB	1296569	2013929	70.09%	6.950%
57	16.033	2129	2135	2143	rBV	355057	539574	18.78%	1.862%
58	16.168	2156	2158	2164	rVB5	8057	12101	0.42%	0.042%
59	16.256	2171	2173	2176	rBV5	3617	5540	0.19%	0.019%
60	16.426	2199	2202	2204	rVB3	5259	4689	0.16%	0.016%
61	16.726	2251	2253	2256	rVB3	6061	5110	0.18%	0.018%
62	16.867	2276	2277	2279	rBV2	5158	5152	0.18%	0.018%
63	16.973	2292	2295	2297	rBV4	4419	6597	0.23%	0.023%
64	17.020	2300	2303	2307	rVB5	7399	11151	0.39%	0.038%
65	17.155	2324	2326	2328	rVB3	6991	5736	0.20%	0.020%
66	17.272	2342	2346	2347	rBV3	5012	4705	0.16%	0.016%
67	17.313	2350	2353	2354	rBV	5092	5603	0.19%	0.019%
68	17.578	2394	2398	2401	rVB3	7659	11958	0.42%	0.041%
69	17.613	2401	2404	2405	rBV2	5723	4939	0.17%	0.017%
70	17.695	2412	2418	2428	rVB	1115935	1751825	60.96%	6.046%
71	17.795	2428	2435	2443	rBV2	1501828	2297269	79.95%	7.928%
72	17.983	2464	2467	2470	rVB3	5992	8722	0.30%	0.030%
73	18.013	2470	2472	2474	rBV3	7627	8706	0.30%	0.030%
74	18.195	2499	2503	2505	rVB3	4361	5017	0.17%	0.017%
75	18.295	2517	2520	2527	rVB6	11921	21423	0.75%	0.074%
76	18.394	2533	2537	2542	rBV6	11859	19715	0.69%	0.068%

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77	18.465	2546	2549	2552	rVB4	7846	10111	0.35%	0.035%
78	18.518	2552	2558	2568	rBV2	365272	518728	18.05%	1.790%
79	19.064	2648	2651	2657	rBV6	6630	12742	0.44%	0.044%
80	19.264	2683	2685	2687	rBV3	7646	4769	0.17%	0.016%
81	19.417	2710	2711	2713	rBV2	6541	4899	0.17%	0.017%
82	19.470	2716	2720	2723	rBV5	18660	26636	0.93%	0.092%
83	19.634	2744	2748	2751	rBV5	44673	60505	2.11%	0.209%
84	19.664	2751	2753	2754	rVV2	28153	22886	0.80%	0.079%
85	19.687	2754	2757	2763	rVB5	45568	79429	2.76%	0.274%
86	19.775	2768	2772	2783	rVB3	107082	146792	5.11%	0.507%
87	19.922	2796	2797	2801	rVB4	15702	9680	0.34%	0.033%
88	19.993	2807	2809	2812	rBV4	14371	14559	0.51%	0.050%
89	20.069	2814	2822	2828	rVV	1912666	2824069	98.28%	9.746%
90	20.439	2883	2885	2888	rBV4	10204	5813	0.20%	0.020%
91	20.803	2944	2947	2950	rBV5	10003	15618	0.54%	0.054%
92	20.968	2973	2975	2980	rVB6	17680	21791	0.76%	0.075%
93	21.033	2982	2986	2989	rBV5	36757	44019	1.53%	0.152%
94	21.573	3073	3078	3088	rBV	264048	451325	15.71%	1.558%
95	22.020	3147	3154	3161	rVB2	1096273	1933155	67.27%	6.672%
96	22.731	3273	3275	3282	rVB3	44098	77072	2.68%	0.266%
97	24.476	3568	3572	3579	rVB5	56110	120793	4.20%	0.417%
98	25.333	3708	3718	3733	rVB2	923771	2873543	100.00%	9.917%
99	25.592	3746	3762	3776	rVB2	655847	2112145	73.50%	7.289%
100	29.429	4413	4415	4416	rBV2	12495	7958	0.28%	0.027%

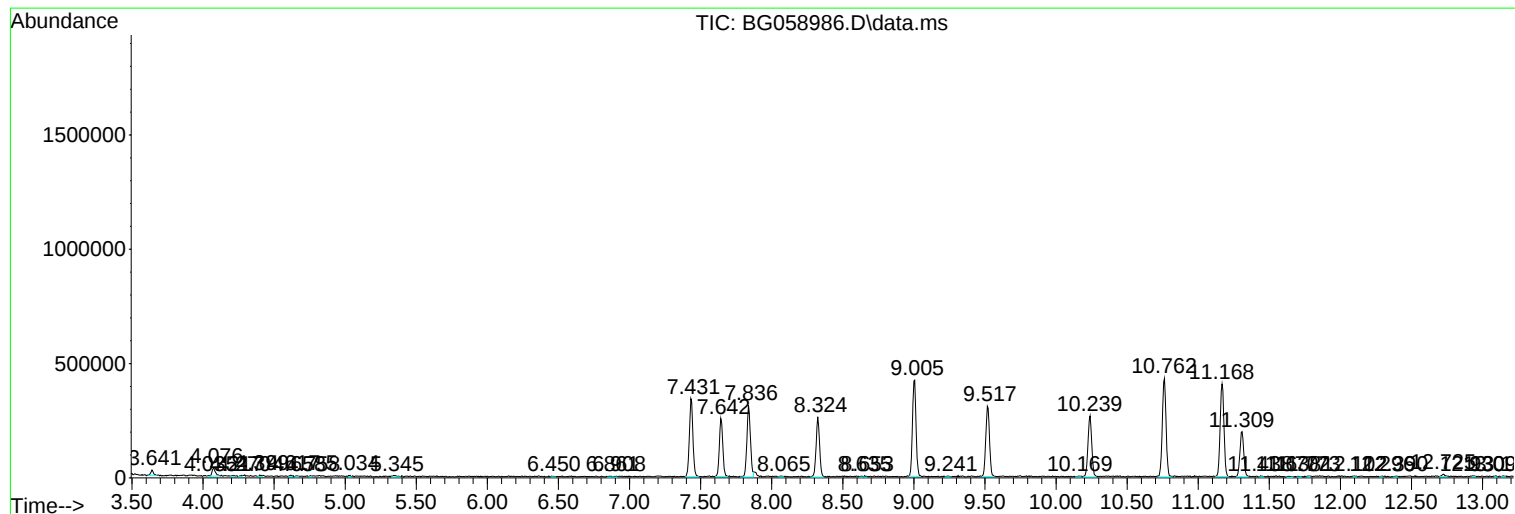
Sum of corrected areas: 28975667

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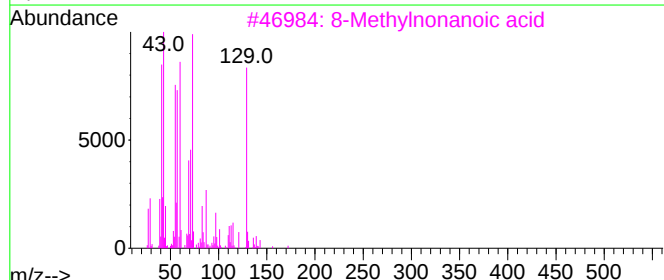
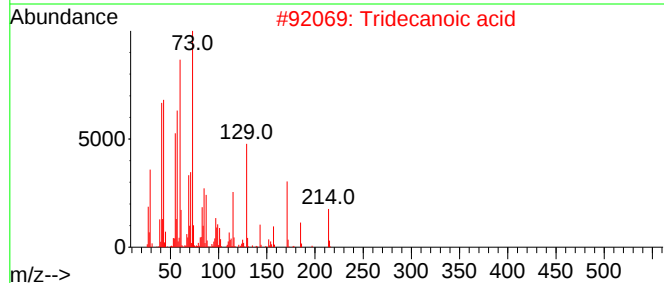
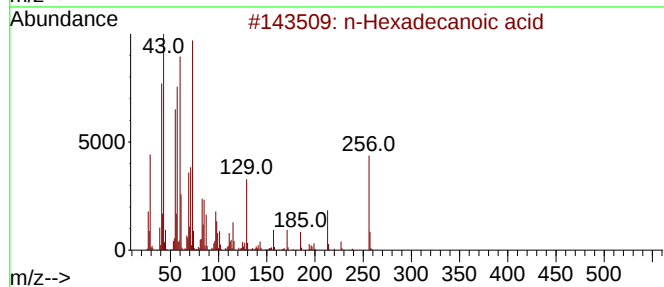
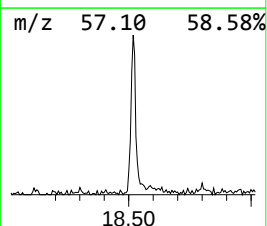
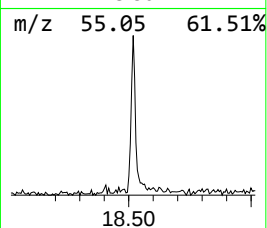
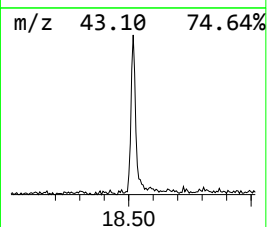
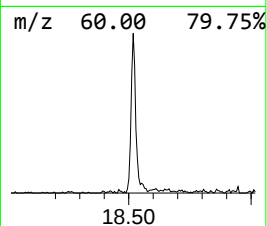
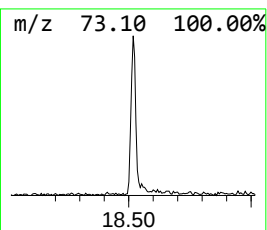
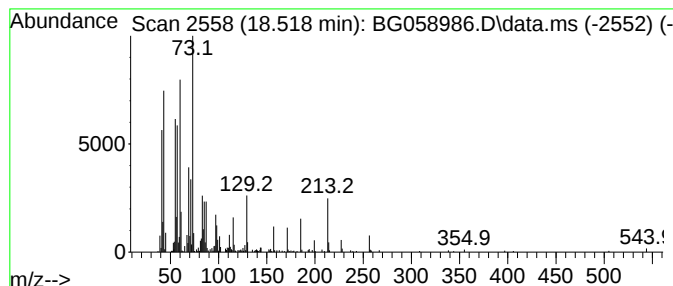
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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.
18.518	5.92 ng/ul	518728	Phenanthrene-d10	17.695

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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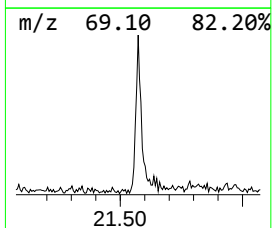
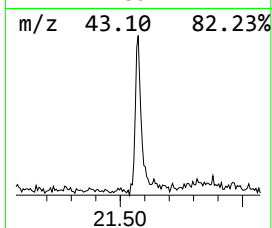
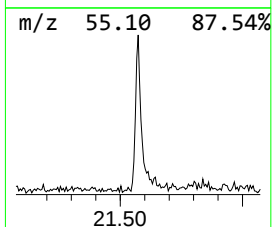
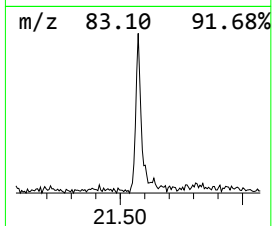
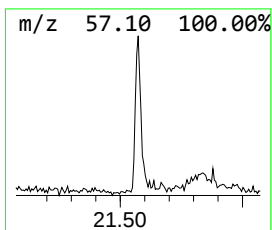
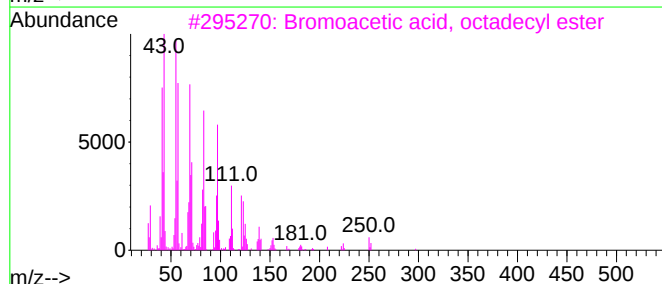
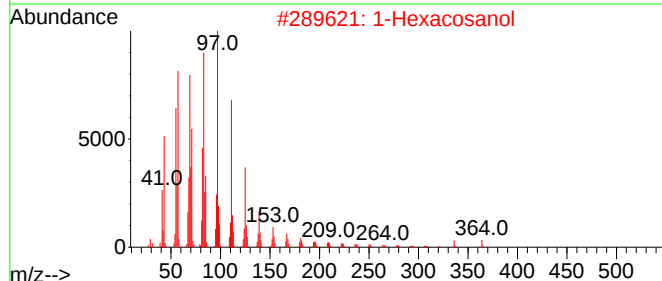
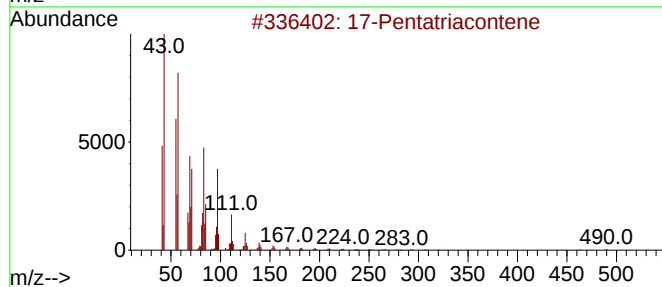
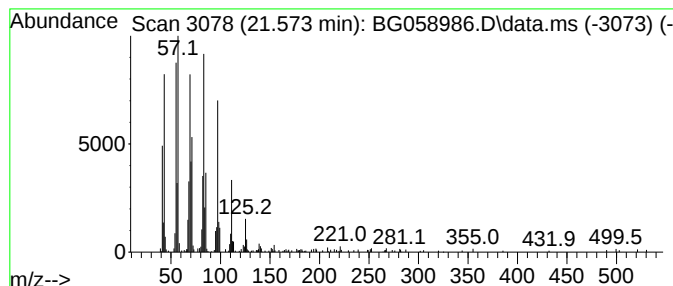
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.573	4.67 ng/ul	451325	Chrysene-d12	22.020

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene			491	C35H70	006971-40-0	95
2	1-Hexacosanol			382	C26H54O	000506-52-5	91
3	Bromoacetic acid, octadecyl ester			390	C20H39BrO2	018992-03-5	91
4	1-Heptacosanol			396	C27H56O	002004-39-9	90
5	n-Tetracosanol-1			354	C24H50O	000506-51-4	90



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TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.518	5.9	ng/ul	518728	4	17.695	1751830	20.0
(DEL) Alkane: S...	21.573	4.7	ng/ul	451325	5	22.020	1933160	20.0