

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047187.D
 Acq On : 31 Oct 2020 13:46
 Operator : CG/JU
 Sample : L4583-04
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA7

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-BG102220MA.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	3.462	17	21	30	rBV3	13592	22080	1.02%	0.108%
2	4.226	146	151	152	rVB3	2943	3319	0.15%	0.016%
3	7.205	650	658	674	rVB3	47873	112346	5.18%	0.551%
4	7.375	680	687	696	rBV	143926	249540	11.51%	1.225%
5	7.581	716	722	730	rVV	179716	306087	14.12%	1.502%
6	8.051	793	802	810	rBV	204604	347800	16.04%	1.707%
7	8.750	913	921	933	rBV2	146477	255860	11.80%	1.256%
8	9.214	991	1000	1007	rBV	211501	379523	17.50%	1.862%
9	9.937	1114	1123	1131	rBV2	197784	370506	17.09%	1.818%
10	10.477	1206	1215	1226	rBV	303891	552793	25.50%	2.713%
11	10.865	1274	1281	1287	rBV	284029	504114	23.25%	2.474%
12	11.000	1297	1304	1310	rBV2	11819	26911	1.24%	0.132%
13	11.682	1417	1420	1424	rVV4	3065	4360	0.20%	0.021%
14	12.446	1544	1550	1554	rBV2	5971	9498	0.44%	0.047%
15	13.286	1690	1693	1697	rVB4	4597	5427	0.25%	0.027%
16	13.568	1737	1741	1746	rVV5	6035	9996	0.46%	0.049%
17	13.832	1782	1786	1788	rBV2	2615	4232	0.20%	0.021%
18	13.985	1808	1812	1818	rVB6	3804	6491	0.30%	0.032%
19	14.079	1822	1828	1833	rVV	703433	1006231	46.41%	4.938%
20	14.126	1833	1836	1841	rVB2	41197	57070	2.63%	0.280%
21	14.202	1846	1849	1858	rBV7	8247	14780	0.68%	0.073%
22	14.379	1871	1879	1888	rBV	738010	1164888	53.73%	5.716%
23	14.684	1924	1931	1938	rVV	537952	827135	38.15%	4.059%
24	14.825	1950	1955	1957	rVB4	4283	4683	0.22%	0.023%
25	14.866	1957	1962	1972	rBV4	56482	125504	5.79%	0.616%
26	15.084	1996	1999	2003	rBV5	4969	7947	0.37%	0.039%
27	15.219	2019	2022	2026	rVB6	3736	6177	0.28%	0.030%
28	15.295	2033	2035	2036	rBV2	4633	4242	0.20%	0.021%
29	15.360	2045	2046	2051	rVB4	4571	4023	0.19%	0.020%
30	15.413	2051	2055	2060	rBV6	5174	8224	0.38%	0.040%
31	15.671	2092	2099	2112	rBV	1021882	1563716	72.12%	7.673%
32	15.783	2112	2118	2126	rBV	423102	641968	29.61%	3.150%
33	15.912	2137	2140	2146	rVB2	15969	23298	1.07%	0.114%
34	16.165	2180	2183	2186	rBV5	4542	5574	0.26%	0.027%

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35	16.200	2186	2189	2190	rVB3	6046	4461	0.21%	0.022%
36	16.247	2195	2197	2199	rBV3	5090	3838	0.18%	0.019%
37	16.341	2212	2213	2216	rBV3	5968	5891	0.27%	0.029%
38	16.453	2230	2232	2237	rVB5	5979	7793	0.36%	0.038%
39	16.576	2246	2253	2254	rBV6	4416	5823	0.27%	0.029%
40	16.652	2265	2266	2269	rBV3	5338	4828	0.22%	0.024%
41	16.799	2287	2291	2293	rBV4	4305	5721	0.26%	0.028%
42	16.882	2302	2305	2307	rBV4	5048	5487	0.25%	0.027%
43	16.911	2307	2310	2313	rVV5	4507	5897	0.27%	0.029%
44	16.981	2320	2322	2325	rVB4	6387	5941	0.27%	0.029%
45	17.011	2325	2327	2329	rBV3	4778	5235	0.24%	0.026%
46	17.075	2333	2338	2348	rBV2	60784	111473	5.14%	0.547%
47	17.164	2350	2353	2358	rVV6	8712	12382	0.57%	0.061%
48	17.217	2360	2362	2364	rVB3	5566	4824	0.22%	0.024%
49	17.358	2382	2386	2387	rBV3	3098	3800	0.18%	0.019%
50	17.428	2391	2398	2407	rVV	760517	1144469	52.79%	5.616%
51	17.528	2408	2415	2421	rVB	1212634	1790041	82.56%	8.784%
52	17.910	2478	2480	2483	rBV4	4532	5686	0.26%	0.028%
53	18.027	2498	2500	2503	rBV4	4643	4659	0.21%	0.023%
54	18.074	2506	2508	2511	rVV4	6338	7276	0.34%	0.036%
55	18.309	2542	2548	2557	rBV	328438	487532	22.49%	2.392%
56	18.503	2579	2581	2585	rBV5	4434	5524	0.25%	0.027%
57	18.597	2595	2597	2601	rBV4	9619	9822	0.45%	0.048%
58	18.644	2603	2605	2608	rBV4	4874	5859	0.27%	0.029%
59	18.768	2624	2626	2629	rBV4	3966	3670	0.17%	0.018%
60	19.038	2671	2672	2675	rVB3	7674	5724	0.26%	0.028%
61	19.103	2681	2683	2686	rVB4	8016	6739	0.31%	0.033%
62	19.443	2735	2741	2749	rBV3	38027	96591	4.46%	0.474%
63	19.573	2759	2763	2771	rBV2	200193	298472	13.77%	1.465%
64	19.696	2782	2784	2792	rVB4	16966	25858	1.19%	0.127%
65	19.813	2797	2804	2810	rBV	1461617	2168088	100.00%	10.639%
66	20.078	2848	2849	2852	rBV3	8256	9012	0.42%	0.044%
67	20.131	2856	2858	2864	rVB7	9216	12752	0.59%	0.063%
68	20.254	2877	2879	2880	rBV2	8043	5630	0.26%	0.028%
69	20.331	2890	2892	2895	rBV4	9750	10044	0.46%	0.049%
70	20.824	2972	2976	2980	rVB7	20086	31080	1.43%	0.153%
71	20.977	3001	3002	3005	rVB3	9805	5790	0.27%	0.028%

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72	21.359	3059	3067	3081	rBV5	75682	281008	12.96%	1.379%
73	21.694	3117	3124	3132	rBV	777433	1246501	57.49%	6.117%
74	21.882	3152	3156	3158	rVB5	17897	20976	0.97%	0.103%
75	22.487	3255	3259	3264	rVB4	25476	38978	1.80%	0.191%
76	23.180	3374	3377	3385	rVB6	33900	57138	2.64%	0.280%
77	23.415	3415	3417	3418	rBV2	6500	3525	0.16%	0.017%
78	23.991	3510	3515	3524	rVB4	35569	70532	3.25%	0.346%
79	24.708	3625	3637	3648	rVV	753682	2086057	96.22%	10.237%
80	24.925	3663	3674	3687	rBV2	479749	1354292	62.46%	6.646%
81	25.959	3848	3850	3852	rVB2	7362	5479	0.25%	0.027%
82	26.071	3862	3869	3877	rBV4	26574	76144	3.51%	0.374%
83	26.741	3981	3983	3985	rBV3	6125	4503	0.21%	0.022%
84	27.170	4054	4056	4058	rBV2	4877	3509	0.16%	0.017%
85	27.405	4092	4096	4097	rBV4	15895	16647	0.77%	0.082%
86	27.434	4097	4101	4109	rVB8	25422	67526	3.11%	0.331%
87	27.493	4109	4111	4113	rBV3	5459	4410	0.20%	0.022%
88	28.274	4242	4244	4246	rBV2	4056	3821	0.18%	0.019%
89	28.374	4259	4261	4263	rVB3	4698	4228	0.20%	0.021%
90	28.544	4288	4290	4291	rBV2	5010	3416	0.16%	0.017%
91	28.985	4363	4365	4367	rBV3	4276	4467	0.21%	0.022%
92	29.061	4375	4378	4382	rBV6	10154	20251	0.93%	0.099%
93	29.620	4469	4473	4474	rBV4	4535	5099	0.24%	0.025%
94	29.931	4524	4526	4527	rBV2	5362	4507	0.21%	0.022%
95	30.007	4538	4539	4541	rBV2	4804	3559	0.16%	0.017%
96	30.066	4547	4549	4551	rBV3	4123	3481	0.16%	0.017%
97	30.436	4610	4612	4615	rVB4	6754	5247	0.24%	0.026%
98	31.564	4803	4804	4806	rBV2	4825	4213	0.19%	0.021%
99	31.952	4868	4870	4873	rVB4	5376	4610	0.21%	0.023%
100	32.551	4970	4972	4974	rBV3	4937	4209	0.19%	0.021%

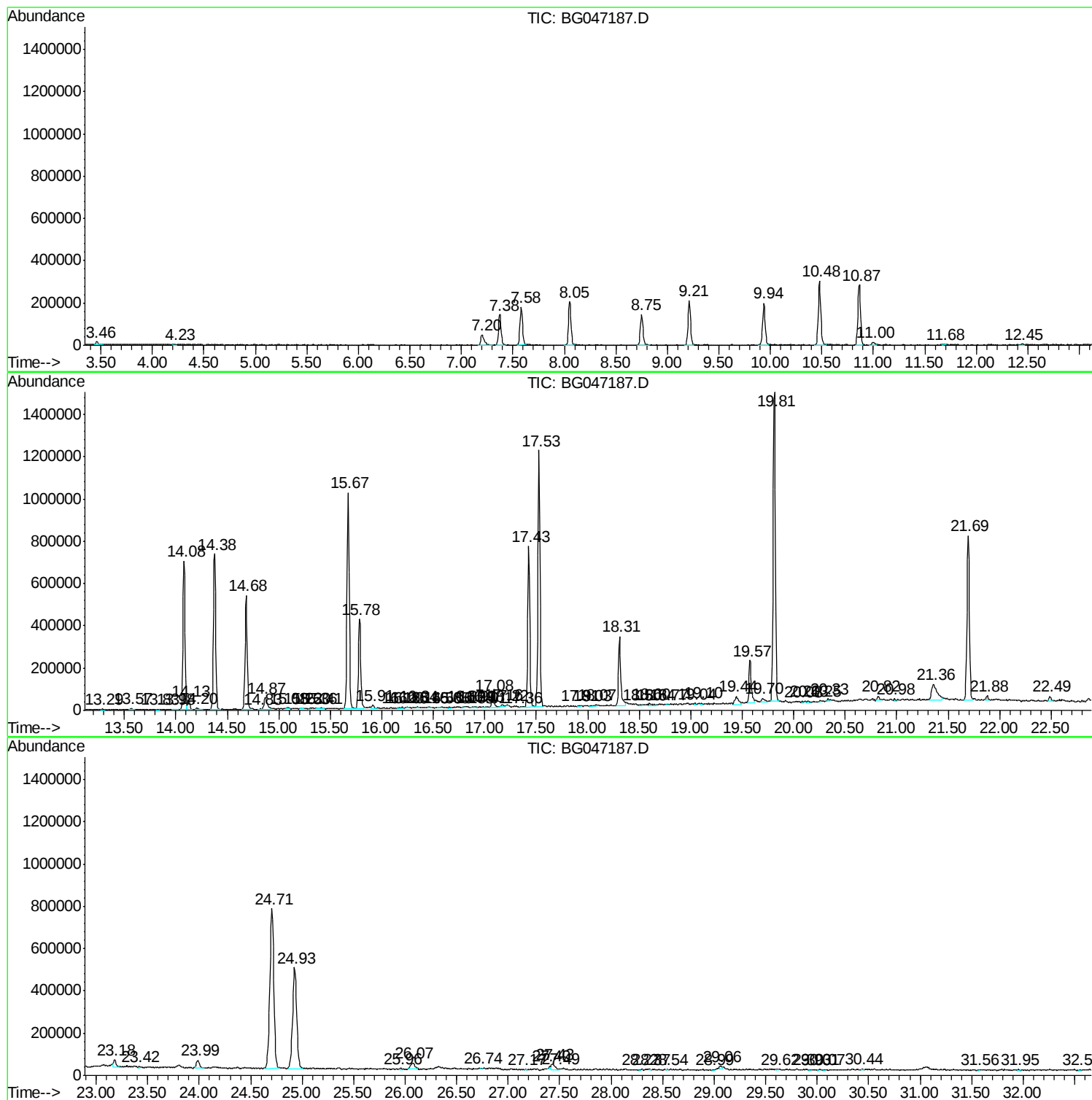
Sum of corrected areas: 20378388

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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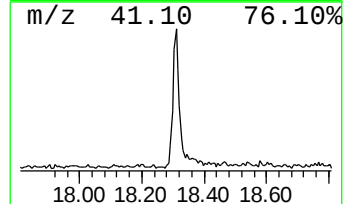
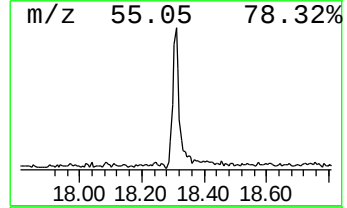
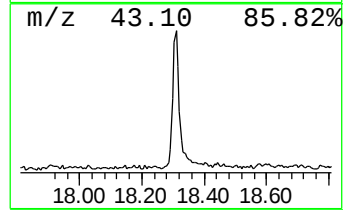
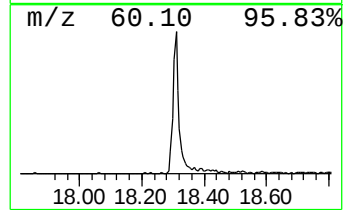
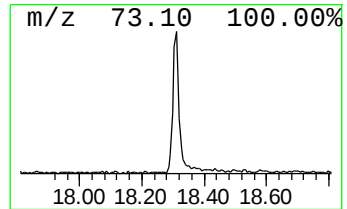
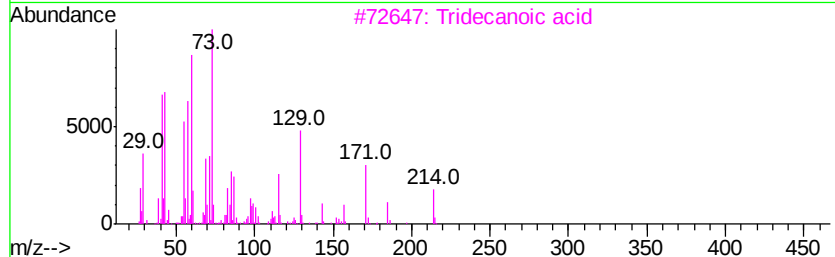
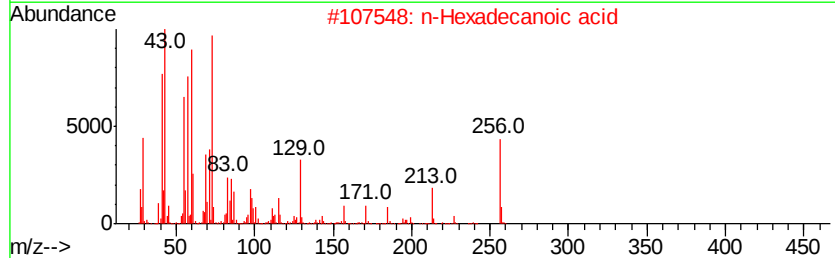
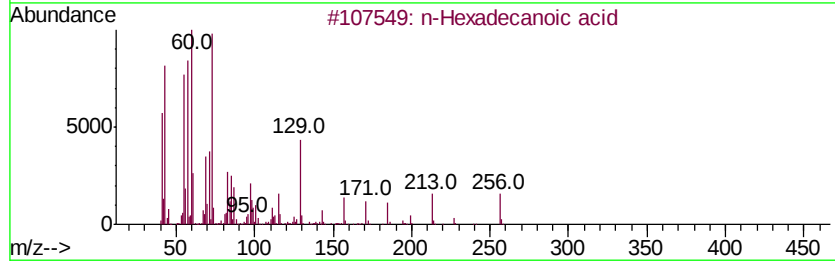
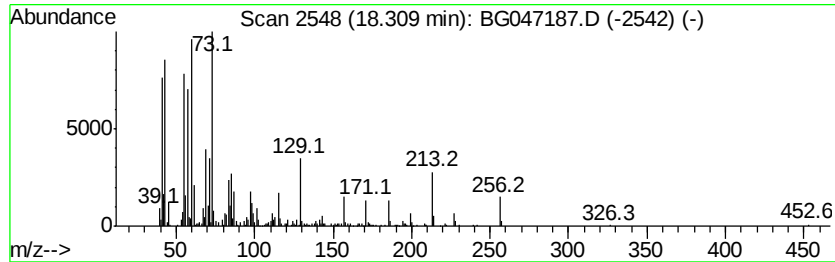
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.31	8.52 ng/ul	487532	Phenanthrene-d10		17.43		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			Tridecanoic acid	214	C13H26O2	000638-53-9	97
4			Tridecanoic acid	214	C13H26O2	000638-53-9	95
5			Tridecanoic acid	214	C13H26O2	000638-53-9	95



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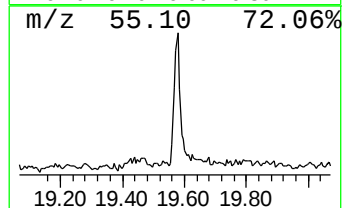
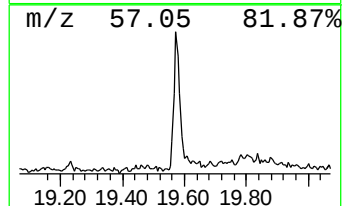
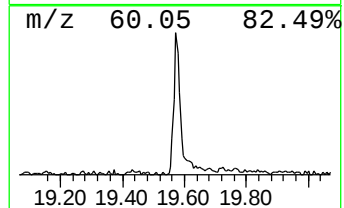
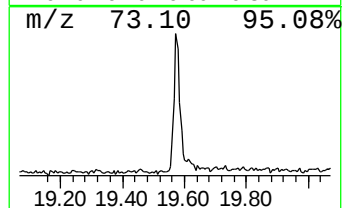
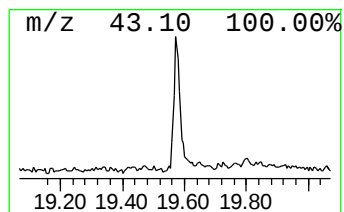
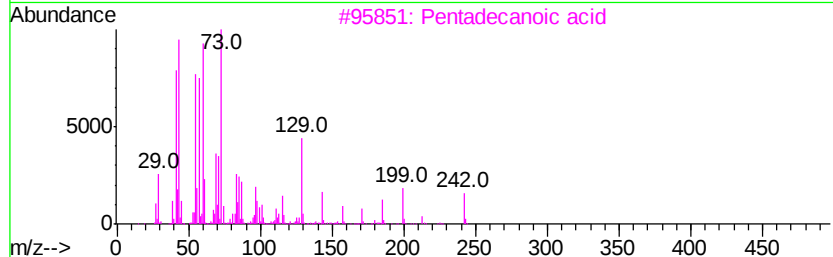
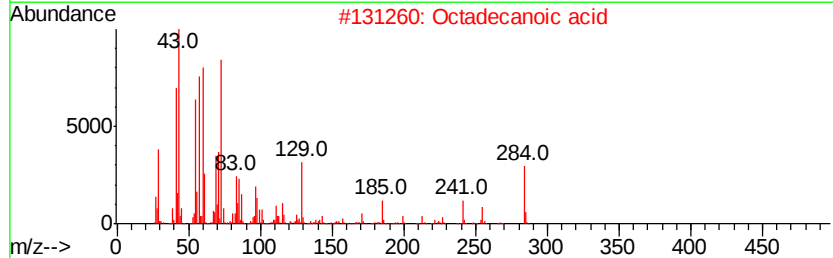
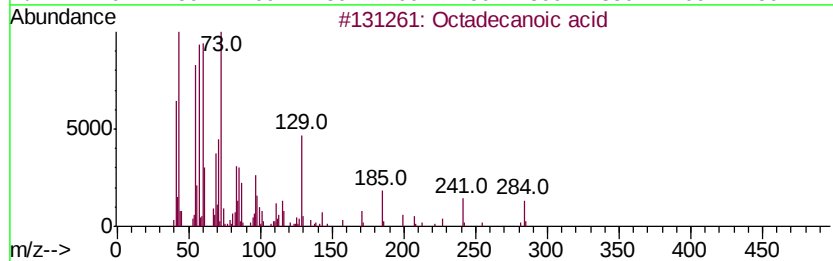
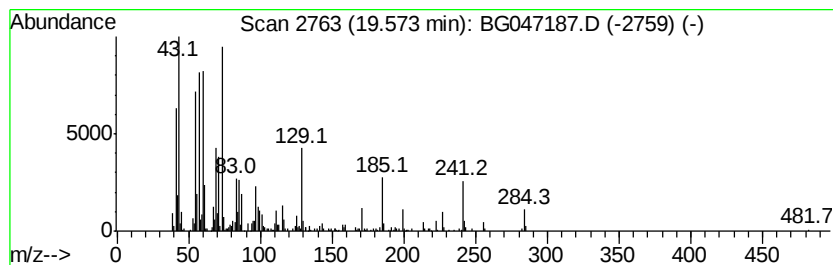
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	4.79 ng/ul	298472	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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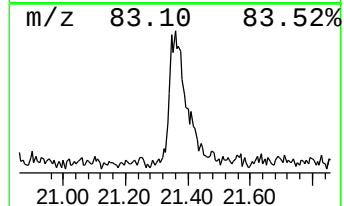
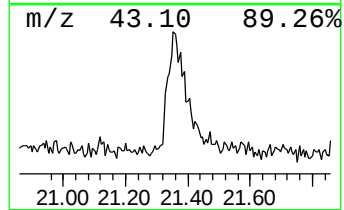
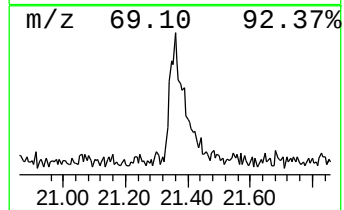
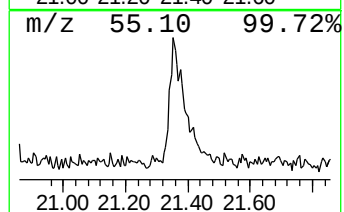
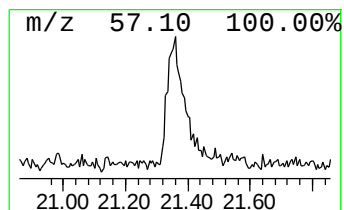
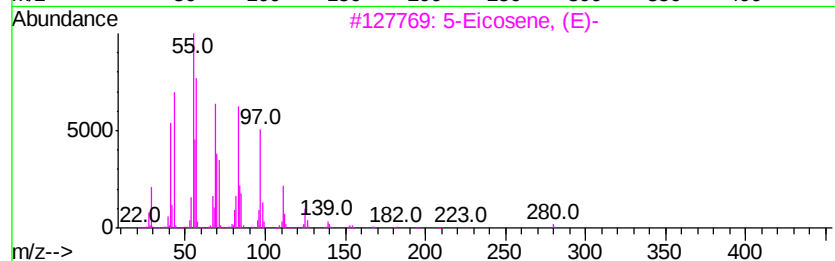
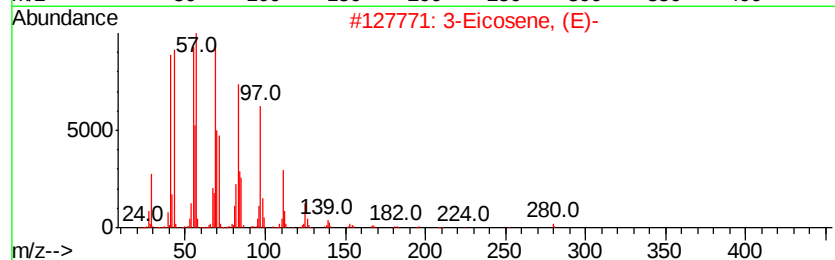
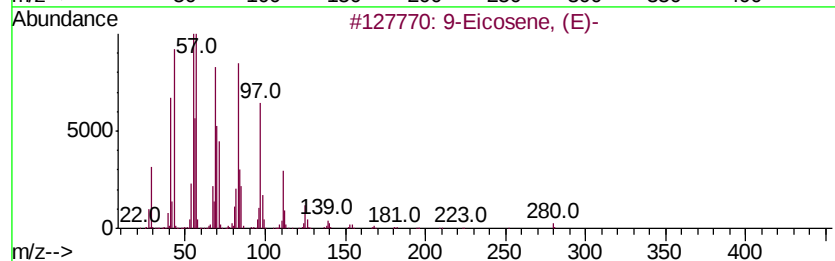
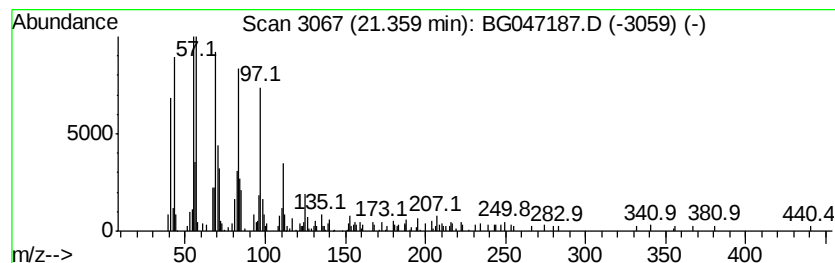
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.51 ng/ul	281008	Chrysene-d12	21.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2			3-Eicosene, (E)-	280	C20H40	074685-33-9	92
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	92
4			2-Methyl-7-nonadecene	280	C20H40	219750-68-2	91
5			1-Eicosene	280	C20H40	003452-07-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047187.D
Acq On : 31 Oct 2020 13:46
Operator : CG/JU
Sample : L4583-04
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.31	8.5	ng/ul	487532	4	17.43	1144470	20.0
Octadecanoic acid	19.57	4.8	ng/ul	298472	5	21.69	1246500	20.0
(DEL) Alkane: Str...	21.36	4.5	ng/ul	281008	5	21.69	1246500	20.0