

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
 Data File : BG025641.D
 Acq On : 25 Jan 2017 19:40
 Operator : SJ/MA
 Sample : I1362-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN02

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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	3.508	110	114	122	rVB8	13335	29230	0.49%	0.078%
2	4.048	201	206	214	rBV7	6763	11396	0.19%	0.030%
3	4.283	244	246	251	rVB5	8650	14986	0.25%	0.040%
4	5.300	417	419	425	rVB6	6380	10893	0.18%	0.029%
5	7.338	759	766	785	rBV3	221486	554753	9.22%	1.482%
6	7.491	785	792	804	rVB2	185482	333382	5.54%	0.891%
7	7.709	822	829	843	rBV	231709	452631	7.52%	1.209%
8	8.179	900	909	920	rVV	234318	449818	7.48%	1.202%
9	8.249	920	921	927	rVB4	7134	11147	0.19%	0.030%
10	8.896	1023	1031	1045	rBV2	280991	616431	10.25%	1.647%
11	9.266	1087	1094	1099	rBV6	7300	14272	0.24%	0.038%
12	9.360	1103	1110	1123	rBV	264725	550736	9.16%	1.471%
13	9.671	1157	1163	1166	rVB3	8120	13640	0.23%	0.036%
14	9.771	1177	1180	1185	rBV4	6717	10837	0.18%	0.029%
15	10.088	1222	1234	1250	rBV2	244875	516426	8.59%	1.379%
16	10.641	1319	1328	1343	rBV	281942	652084	10.84%	1.742%
17	11.005	1382	1390	1404	rVB	376521	690692	11.48%	1.845%
18	11.152	1408	1415	1435	rBV	251052	607652	10.10%	1.623%
19	12.621	1661	1665	1670	rVB6	7353	10425	0.17%	0.028%
20	13.402	1793	1798	1802	rVB5	6346	9681	0.16%	0.026%
21	14.201	1925	1934	1939	rBV	769572	1203564	20.01%	3.215%
22	14.248	1939	1942	1951	rVB	115578	202086	3.36%	0.540%
23	14.507	1979	1986	1996	rBV	769157	1323800	22.01%	3.536%
24	14.653	2006	2011	2016	rBV7	19305	26147	0.43%	0.070%
25	14.806	2023	2037	2048	rBV	723409	1167578	19.41%	3.119%
26	14.977	2063	2066	2071	rBV7	6769	12134	0.20%	0.032%
27	15.053	2071	2079	2097	rBV3	174181	543391	9.03%	1.451%
28	15.253	2111	2113	2120	rVB8	9456	16650	0.28%	0.044%
29	15.594	2161	2171	2178	rVB3	45737	75087	1.25%	0.201%
30	15.693	2185	2188	2196	rBV7	9041	19871	0.33%	0.053%
31	15.793	2196	2205	2218	rVB	1077520	1796495	29.87%	4.799%
32	15.940	2223	2230	2244	rBV	297576	628606	10.45%	1.679%
33	16.034	2244	2246	2252	rVB5	22080	31124	0.52%	0.083%
34	16.087	2253	2255	2260	rVV4	12017	19374	0.32%	0.052%

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35	16.140	2260	2264	2273	rVV10	11511	34443	0.57%	0.092%
36	16.216	2273	2277	2282	rVB8	14544	24896	0.41%	0.067%
37	16.451	2311	2317	2324	rBV	65853	110210	1.83%	0.294%
38	16.598	2337	2342	2349	rBV10	12721	33864	0.56%	0.090%
39	16.798	2372	2376	2377	rBV3	8719	11137	0.19%	0.030%
40	16.963	2401	2404	2406	rBV3	9081	9949	0.17%	0.027%
41	17.068	2418	2422	2427	rBV7	7307	14122	0.23%	0.038%
42	17.245	2446	2452	2457	rBV2	44147	71342	1.19%	0.191%
43	17.297	2457	2461	2464	rVB4	16163	17164	0.29%	0.046%
44	17.350	2468	2470	2474	rVB5	10876	10615	0.18%	0.028%
45	17.556	2497	2505	2513	rBV2	945982	1510186	25.11%	4.034%
46	17.650	2514	2521	2538	rVB2	1241779	2070589	34.42%	5.531%
47	17.985	2574	2578	2582	rBV5	14762	17873	0.30%	0.048%
48	18.079	2589	2594	2598	rBV7	6828	11492	0.19%	0.031%
49	18.167	2606	2609	2618	rVB9	10231	20487	0.34%	0.055%
50	18.320	2631	2635	2639	rVB5	6504	10087	0.17%	0.027%
51	18.396	2643	2648	2657	rBV3	47616	99192	1.65%	0.265%
52	18.578	2674	2679	2687	rVB8	26556	42845	0.71%	0.114%
53	18.708	2697	2701	2708	rBV7	9457	17397	0.29%	0.046%
54	18.802	2712	2717	2720	rBV7	7365	13601	0.23%	0.036%
55	19.095	2761	2767	2768	rVB6	6623	10392	0.17%	0.028%
56	19.213	2782	2787	2789	rBV6	8167	10466	0.17%	0.028%
57	19.260	2791	2795	2796	rBV4	7671	9533	0.16%	0.025%
58	19.330	2803	2807	2809	rBV5	7332	9967	0.17%	0.027%
59	19.454	2826	2828	2832	rVB4	8631	11378	0.19%	0.030%
60	19.571	2843	2848	2853	rBV6	19780	36303	0.60%	0.097%
61	19.648	2858	2861	2870	rBV10	13153	31023	0.52%	0.083%
62	19.789	2878	2885	2895	rBV	4923745	6015111	100.00%	16.067%
63	19.930	2902	2909	2925	rBV	1660556	2433394	40.45%	6.500%
64	20.329	2973	2977	2980	rBV5	22247	30746	0.51%	0.082%
65	20.453	2995	2998	3003	rBV7	12424	21814	0.36%	0.058%
66	20.829	3055	3062	3069	rVB	4336101	4981918	82.82%	13.308%
67	20.911	3074	3076	3084	rBV9	14536	24176	0.40%	0.065%
68	21.428	3157	3164	3170	rBV10	54605	167684	2.79%	0.448%
69	21.845	3227	3235	3242	rBV	1066390	1840090	30.59%	4.915%
70	23.290	3477	3481	3486	rVB8	28447	57004	0.95%	0.152%
71	24.125	3618	3623	3630	rVB8	48400	96212	1.60%	0.257%

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72	24.994	3760	3771	3783	rBV3	780354	2430497	40.41%	6.492%
73	25.100	3785	3789	3797	rVB6	70716	154249	2.56%	0.412%
74	25.229	3800	3811	3832	rVB2	575164	1835390	30.51%	4.903%
75	26.258	3981	3986	3997	rVB7	59471	182505	3.03%	0.488%
76	27.656	4219	4224	4240	rVB8	55776	204269	3.40%	0.546%
77	29.348	4504	4512	4513	rBV8	29040	64011	1.06%	0.171%

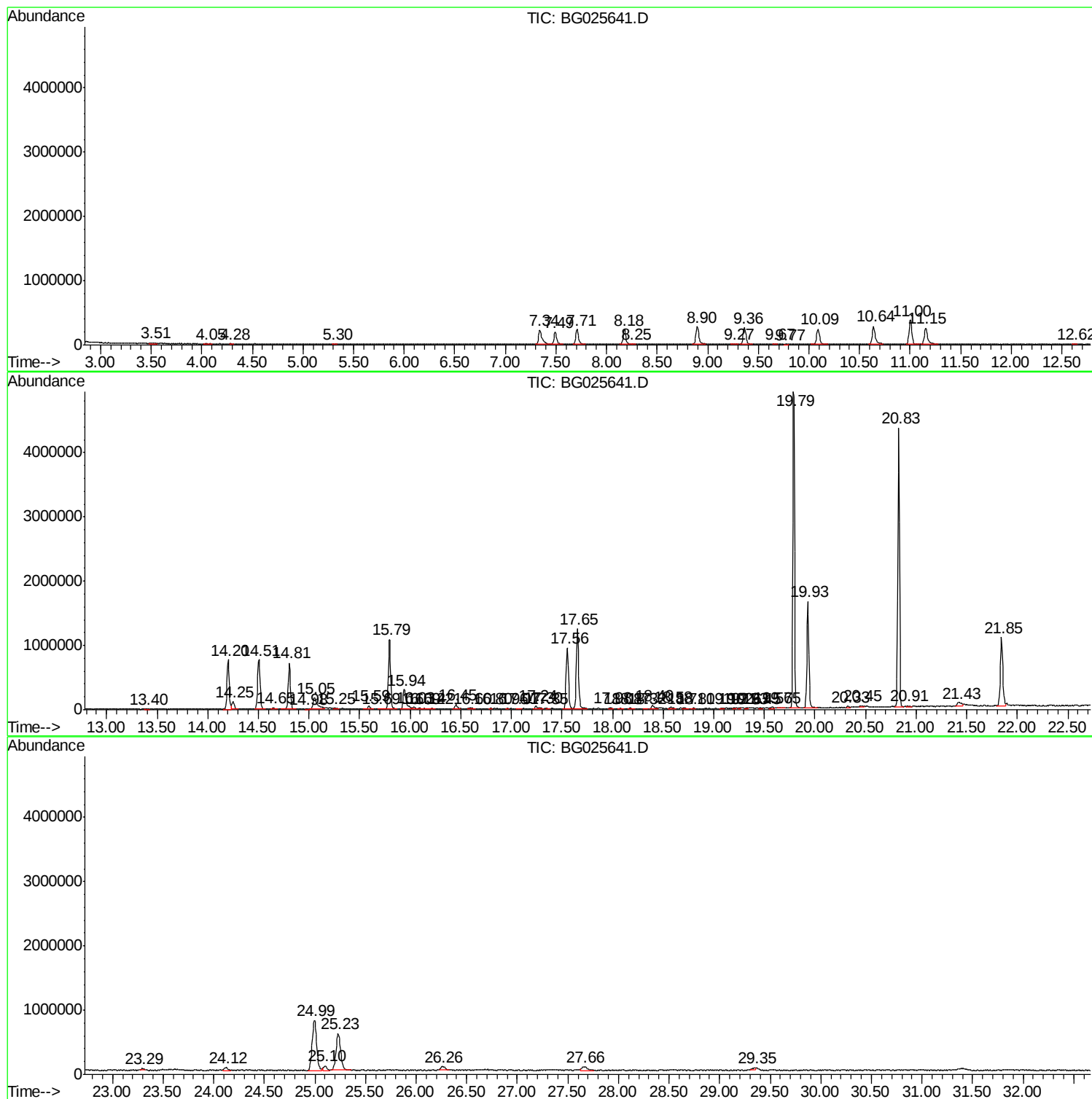
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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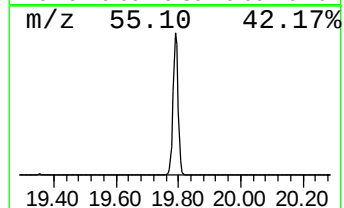
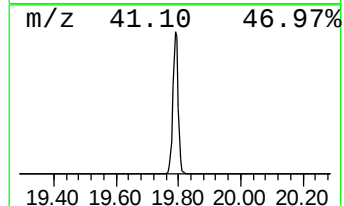
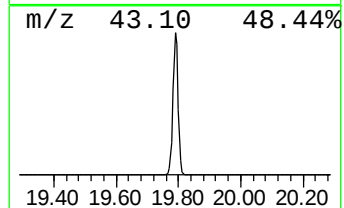
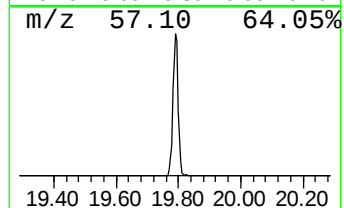
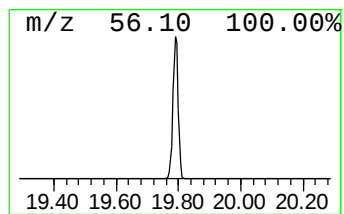
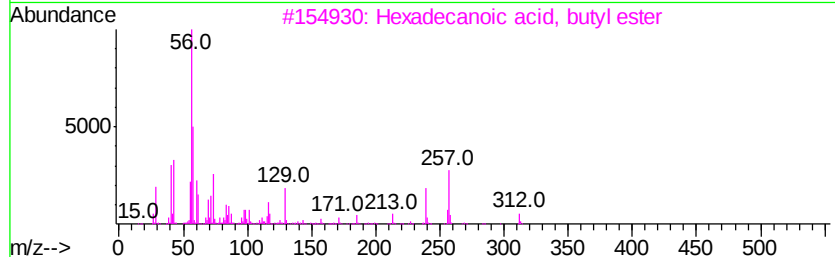
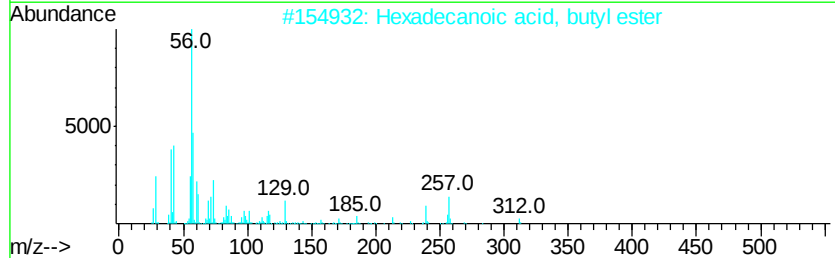
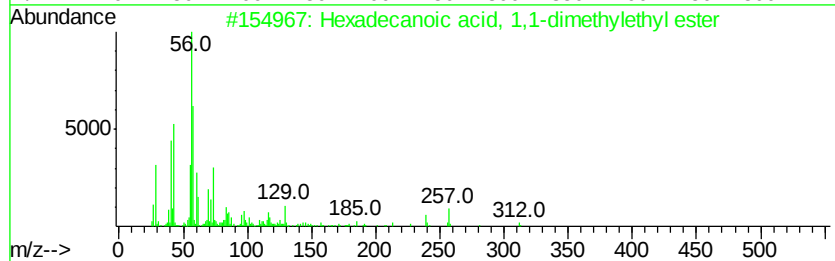
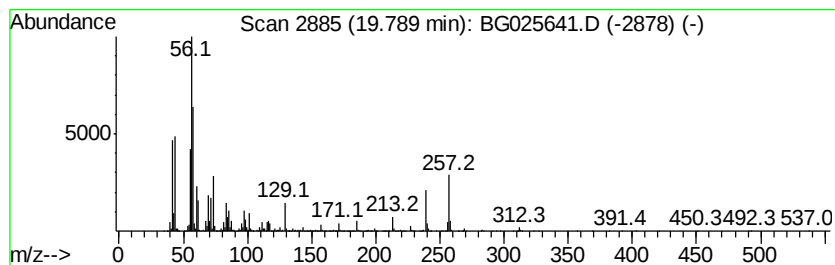
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	65.38 ng/ul	6015110	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	70
5		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35



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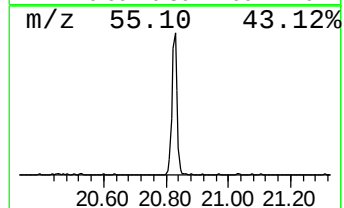
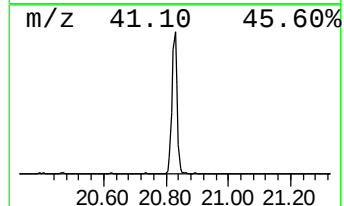
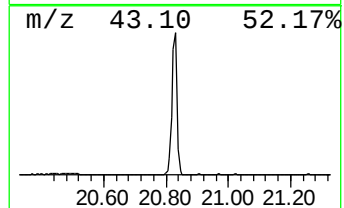
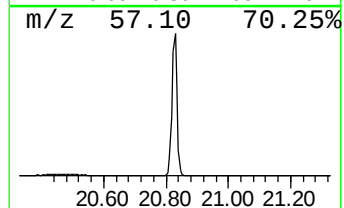
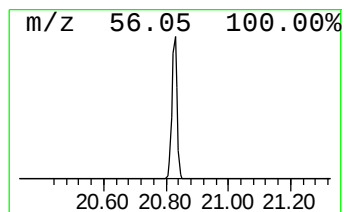
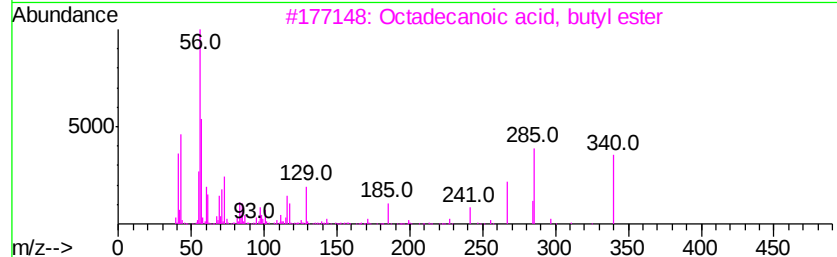
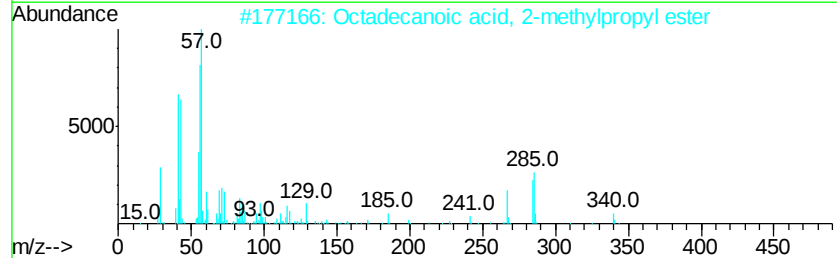
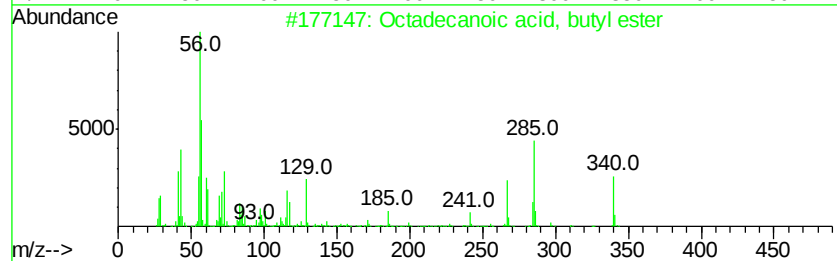
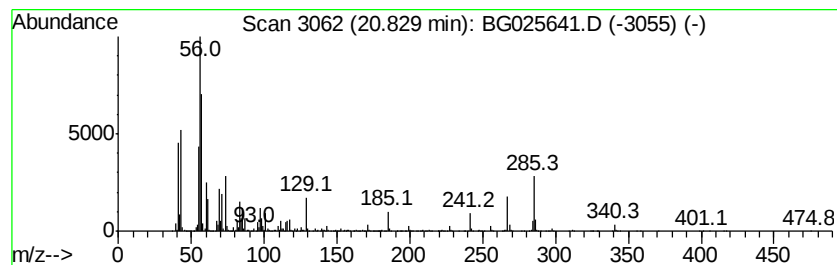
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	54.15 ng/ul	4981920	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	72
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	58
4		Butyl myristate	284	C18H36O2	000110-36-1	50
5		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	35



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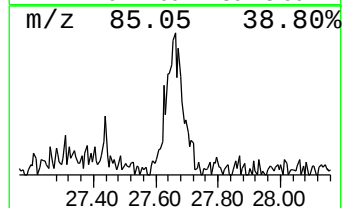
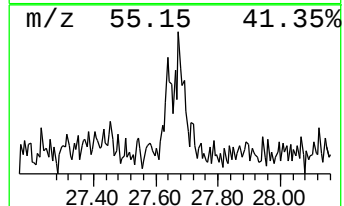
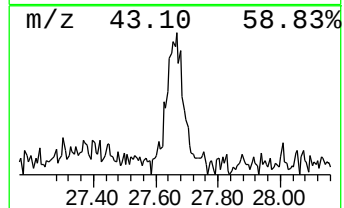
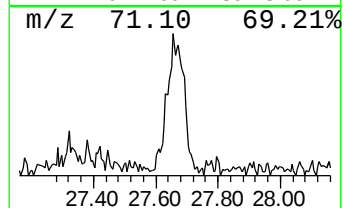
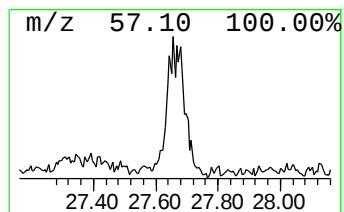
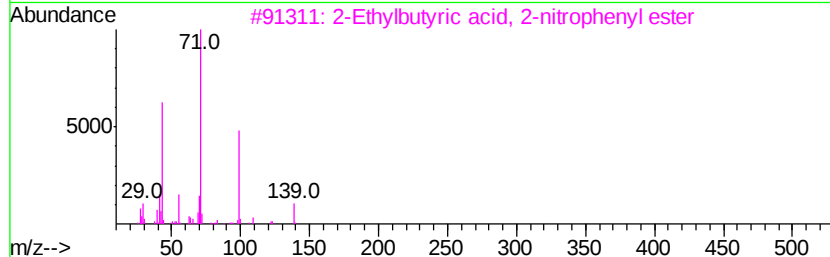
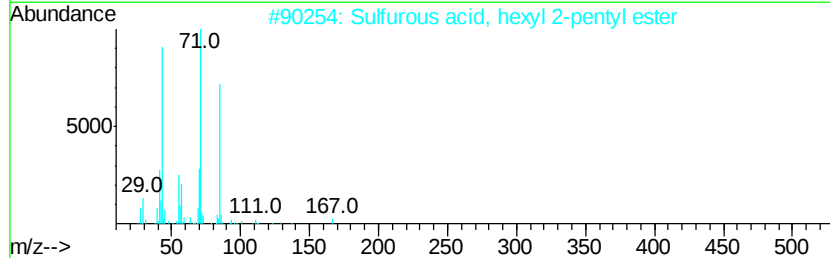
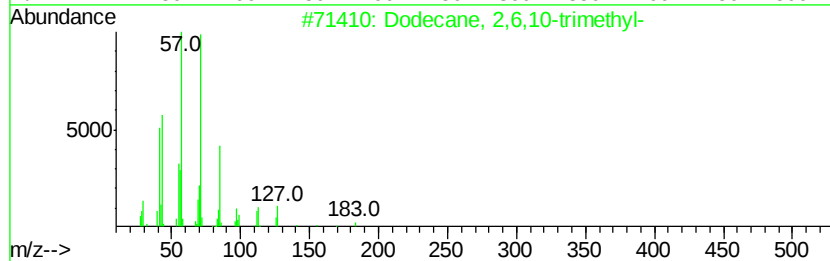
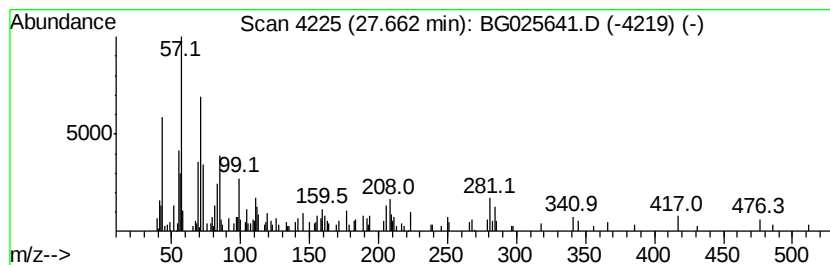
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.66	2.23 ng/ul	204269	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
2		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	43
3		2-Ethylbutyric acid, 2-nitrophen...	237	C12H15NO4	1000369-86-5	43
4		Decane, 5-propyl-	184	C13H28	017312-62-8	43
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	19.79	65.4	ng/ul	6015110	5	21.84	1840090	20.0
Octadecanoic acid...	20.83	54.1	ng/ul	4981920	5	21.84	1840090	20.0
(DEL) Alkane: Str...	27.66	2.2	ng/ul	204269	6	25.23	1835390	20.0