

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
 Data File : BG019007.D
 Acq On : 4 Oct 2015 16:32
 Operator : UM/NP
 Sample : G3851-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0GG6

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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	2.949	17	19	24	rVB4	4411	7173	0.57%	0.064%
2	3.167	50	56	64	rBV2	85838	207699	16.39%	1.840%
3	3.249	64	70	85	rVB	262207	443567	35.01%	3.930%
4	3.502	111	113	119	rVB5	2067	3327	0.26%	0.029%
5	4.254	237	241	247	rVB3	1947	3506	0.28%	0.031%
6	5.170	394	397	399	rBV3	1120	1494	0.12%	0.013%
7	6.263	576	583	588	rBV5	1622	3100	0.24%	0.027%
8	6.439	608	613	622	rVB2	9894	17422	1.38%	0.154%
9	7.197	736	742	750	rVB	34289	57123	4.51%	0.506%
10	7.374	765	772	780	rBV	140965	223680	17.65%	1.982%
11	7.579	799	807	815	rBV	126624	211154	16.67%	1.871%
12	8.049	880	887	894	rVB	119111	198747	15.69%	1.761%
13	8.114	894	898	899	rBV3	1557	1823	0.14%	0.016%
14	8.737	998	1004	1012	rVB2	66927	113401	8.95%	1.005%
15	9.124	1066	1070	1075	rVB4	3173	5307	0.42%	0.047%
16	9.201	1075	1083	1093	rBV	164263	288380	22.76%	2.555%
17	9.929	1200	1207	1215	rVB	129206	228167	18.01%	2.022%
18	10.464	1291	1298	1307	rBV	176554	307263	24.25%	2.722%
19	10.852	1357	1364	1371	rBV	166921	299532	23.64%	2.654%
20	12.426	1628	1632	1636	rVB2	3232	4030	0.32%	0.036%
21	13.472	1806	1810	1815	rVB2	1042	1396	0.11%	0.012%
22	13.795	1861	1865	1870	rVV5	2762	3907	0.31%	0.035%
23	14.077	1904	1913	1919	rBV	391538	552598	43.61%	4.896%
24	14.365	1955	1962	1968	rBV	431917	679507	53.63%	6.021%
25	14.671	2006	2014	2023	rVB2	263168	424397	33.50%	3.760%
26	14.835	2036	2042	2050	rBV	46754	70908	5.60%	0.628%
27	15.658	2175	2182	2189	rBV	564047	882923	69.69%	7.823%
28	15.764	2195	2200	2210	rBV	188530	264717	20.89%	2.345%
29	15.899	2218	2223	2228	rBV3	5807	8506	0.67%	0.075%
30	16.052	2246	2249	2253	rBV3	1014	1379	0.11%	0.012%
31	16.475	2318	2321	2325	rBV3	988	1637	0.13%	0.015%
32	16.545	2329	2333	2334	rBV	1305	1284	0.10%	0.011%
33	16.616	2343	2345	2348	rVB3	1954	1725	0.14%	0.015%
34	17.197	2437	2444	2449	rVB5	2019	4712	0.37%	0.042%

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35	17.409	2474	2480	2487	rVV	381027	546244	43.11%	4.840%
36	17.509	2490	2497	2505	rBV2	641218	944936	74.58%	8.372%
37	17.662	2521	2523	2526	rBV2	1172	1569	0.12%	0.014%
38	17.697	2526	2529	2532	rVV3	1336	1550	0.12%	0.014%
39	17.761	2537	2540	2545	rVV3	1472	2608	0.21%	0.023%
40	18.038	2583	2587	2592	rVB6	3396	4990	0.39%	0.044%
41	18.126	2599	2602	2605	rBV4	1146	1793	0.14%	0.016%
42	18.302	2629	2632	2641	rBV8	6772	11018	0.87%	0.098%
43	18.502	2662	2666	2667	rVB2	1381	1493	0.12%	0.013%
44	18.602	2680	2683	2685	rBV3	3901	4277	0.34%	0.038%
45	18.778	2711	2713	2715	rBV3	1700	1285	0.10%	0.011%
46	18.919	2734	2737	2739	rBV3	3337	3377	0.27%	0.030%
47	19.042	2756	2758	2761	rBV4	1228	1461	0.12%	0.013%
48	19.424	2817	2823	2829	rBV4	9780	20254	1.60%	0.179%
49	19.483	2831	2833	2836	rVB4	2513	1921	0.15%	0.017%
50	19.571	2846	2848	2850	rBV3	6296	6202	0.49%	0.055%
51	19.683	2862	2867	2869	rBV3	6186	7692	0.61%	0.068%
52	19.724	2870	2874	2879	rVV	112598	118551	9.36%	1.050%
53	19.794	2879	2886	2891	rVV	810989	1217709	96.11%	10.789%
54	19.835	2891	2893	2898	rVB2	18573	18117	1.43%	0.161%
55	20.053	2928	2930	2933	rBV3	2692	2273	0.18%	0.020%
56	20.335	2975	2978	2982	rBV5	6951	7221	0.57%	0.064%
57	20.764	3047	3051	3055	rBV2	75136	81678	6.45%	0.724%
58	20.828	3059	3062	3065	rBV3	14154	15547	1.23%	0.138%
59	21.340	3146	3149	3155	rVB3	13923	21805	1.72%	0.193%
60	21.674	3200	3206	3213	rBV	458717	746754	58.94%	6.616%
61	21.892	3241	3243	3247	rVB2	20158	22436	1.77%	0.199%
62	24.677	3707	3717	3728	rVB2	459700	1267020	100.00%	11.226%
63	24.894	3745	3754	3764	rVB	256695	679119	53.60%	6.017%

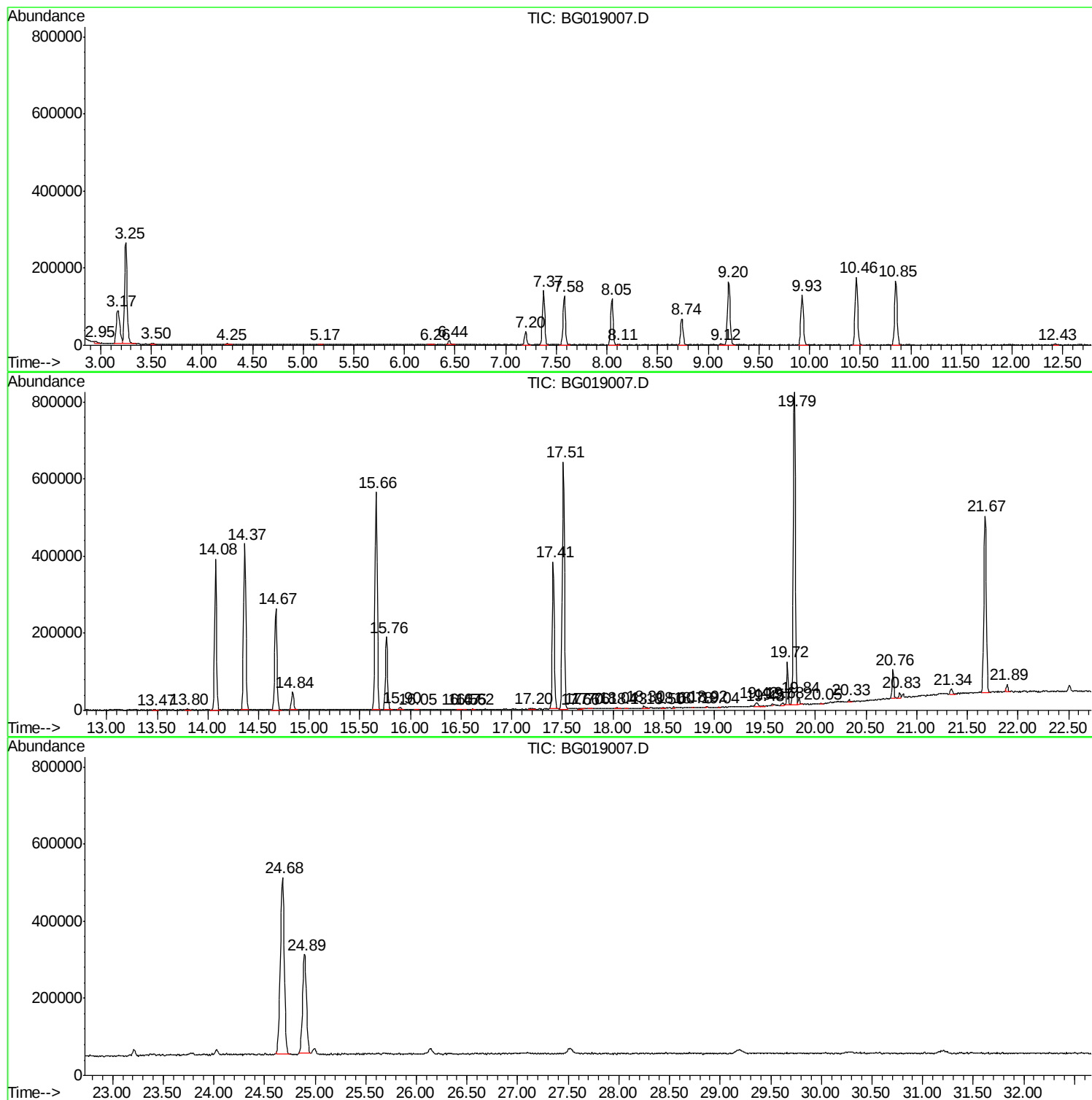
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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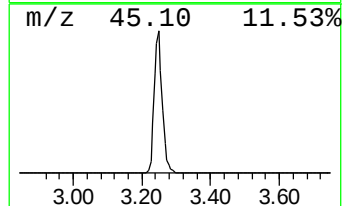
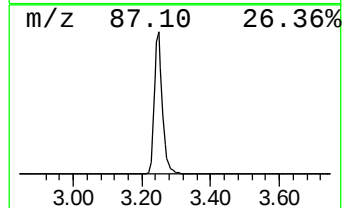
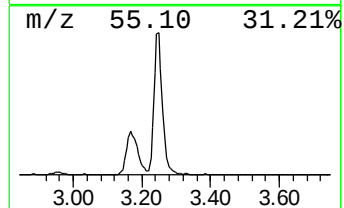
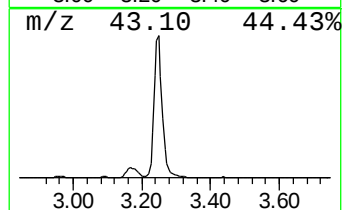
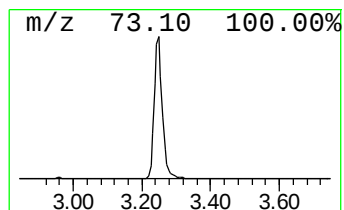
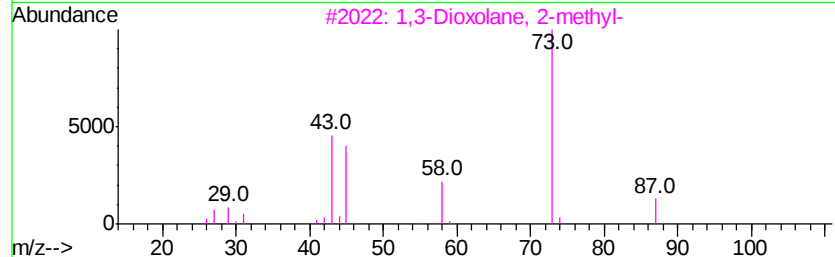
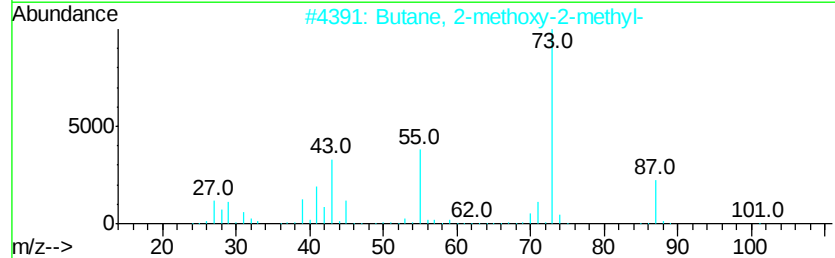
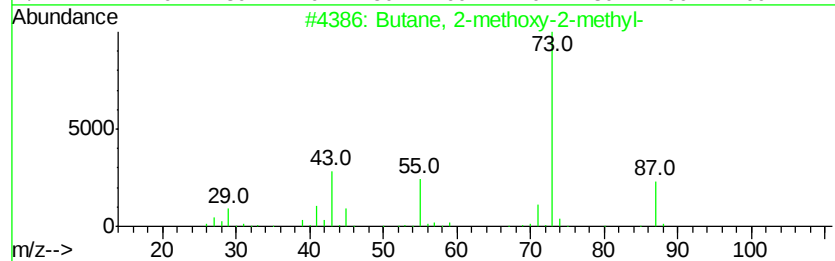
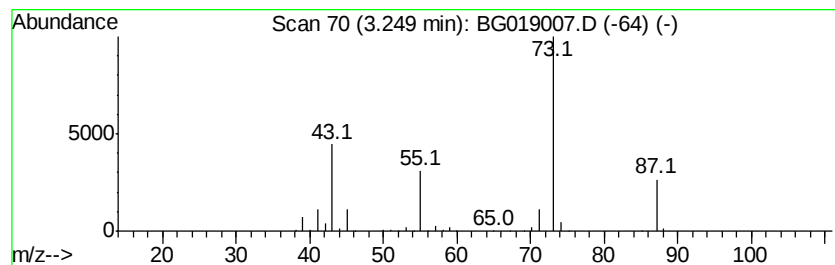
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	44.64 ng/ul	443567	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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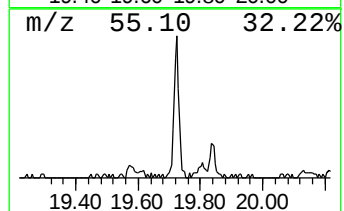
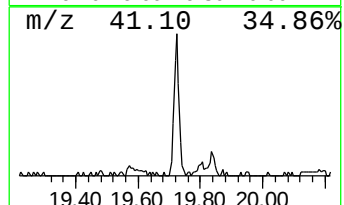
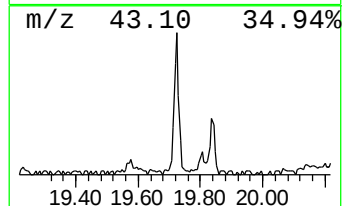
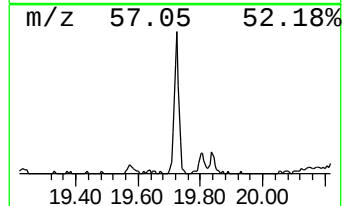
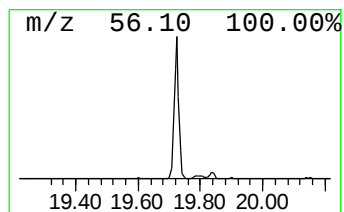
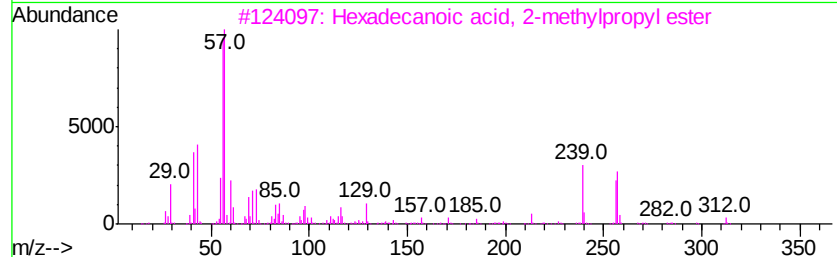
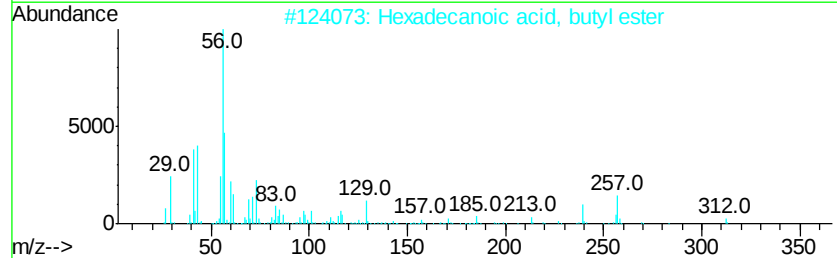
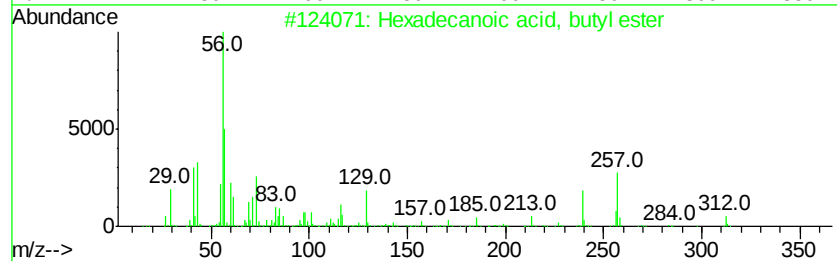
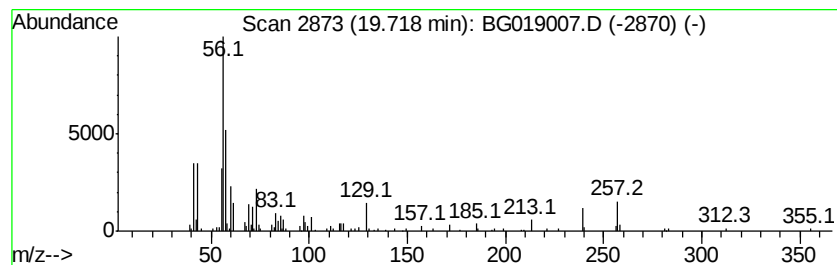
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	3.18 ng/ul	118551	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	46
4		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	43
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43



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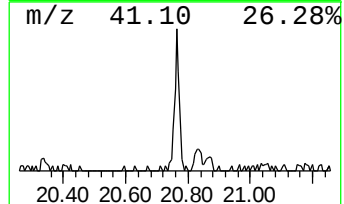
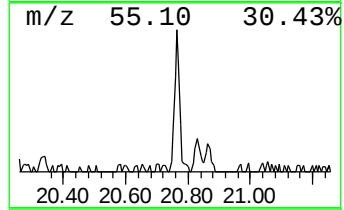
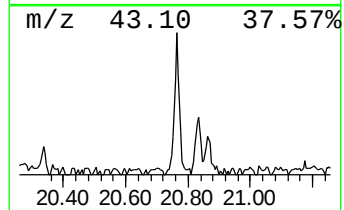
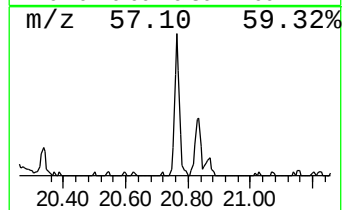
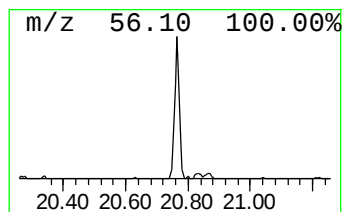
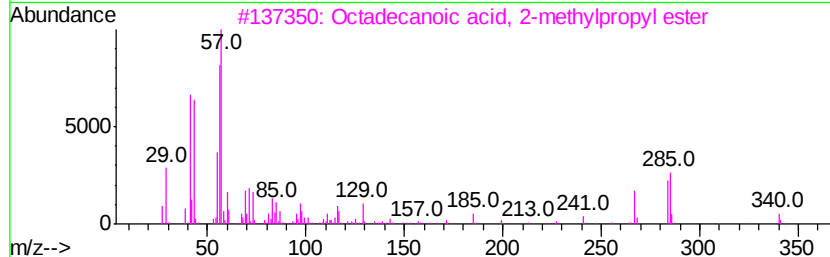
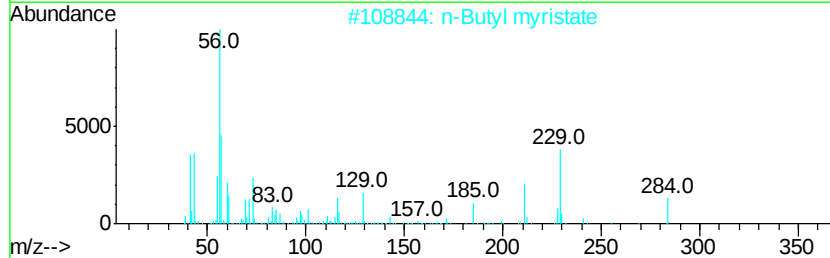
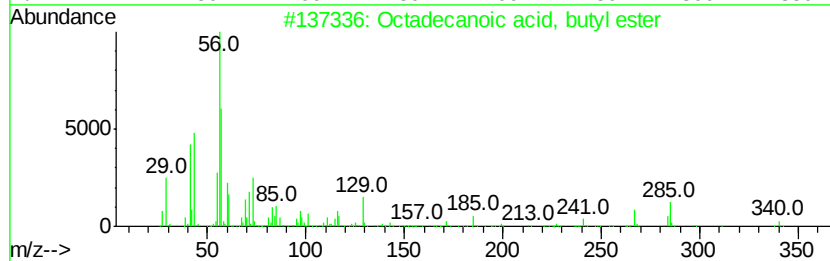
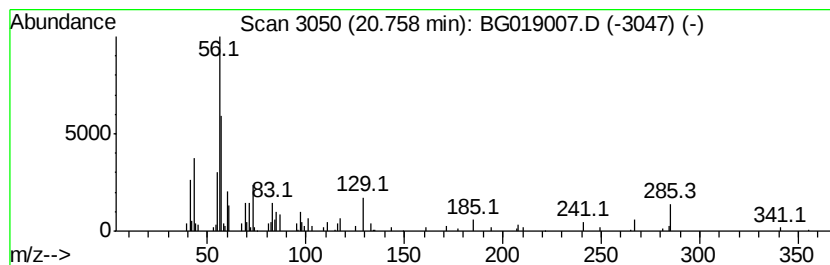
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.19 ng/ul	81678	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		n-Butyl myristate	284	C18H36O2	000110-36-1	86
3		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	43
4		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
5		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.25	44.6	ng/ul	443567	1	8.05	198747	20.0
Hexadecanoic acid...	19.72	3.2	ng/ul	118551	5	21.67	746754	20.0
Octadecanoic acid...	20.76	2.2	ng/ul	81678	5	21.67	746754	20.0