

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
 Data File : BG046229.D
 Acq On : 12 Aug 2020 13:37
 Operator : CG/JU
 Sample : L3612-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBFN8

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-BG072320MA.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	3.159	7	12	31	rVB	1762748	3022352	100.00%	15.038%
2	3.282	31	33	37	rVB5	3691	3241	0.11%	0.016%
3	3.417	51	56	63	rBV4	9084	16754	0.55%	0.083%
4	4.063	160	166	175	rBV	17301	31212	1.03%	0.155%
5	4.157	179	182	187	rBV4	5657	8614	0.29%	0.043%
6	4.375	217	219	223	rVB3	2937	3721	0.12%	0.019%
7	5.062	331	336	341	rBV2	11859	20044	0.66%	0.100%
8	7.113	676	685	695	rBV	154265	270483	8.95%	1.346%
9	7.277	704	713	723	rVB	143547	239094	7.91%	1.190%
10	7.483	741	748	758	rBV	169245	288649	9.55%	1.436%
11	7.571	758	763	770	rBV5	5677	14279	0.47%	0.071%
12	7.953	820	828	836	rVB	303761	523557	17.32%	2.605%
13	8.652	939	947	954	rBV	199459	337573	11.17%	1.680%
14	8.705	954	956	962	rVV2	9212	13678	0.45%	0.068%
15	8.770	962	967	977	rVB3	6755	12710	0.42%	0.063%
16	9.099	1016	1023	1035	rVB	156641	278114	9.20%	1.384%
17	9.281	1049	1054	1055	rBV3	2776	3318	0.11%	0.017%
18	9.827	1138	1147	1159	rVB	119522	218654	7.23%	1.088%
19	10.368	1232	1239	1249	rBV	192266	344203	11.39%	1.713%
20	10.744	1294	1303	1315	rVB	413806	750831	24.84%	3.736%
21	10.873	1318	1325	1334	rBV	164674	308994	10.22%	1.537%
22	12.324	1569	1572	1579	rBV4	3246	5421	0.18%	0.027%
23	12.941	1673	1677	1681	rVB3	4096	5357	0.18%	0.027%
24	13.188	1713	1719	1725	rBV4	4813	8878	0.29%	0.044%
25	13.423	1754	1759	1763	rBV3	3027	4441	0.15%	0.022%
26	13.482	1763	1769	1774	rVV3	4794	8444	0.28%	0.042%
27	13.981	1848	1854	1858	rBV	411765	596825	19.75%	2.970%
28	14.028	1858	1862	1869	rVB	100868	149988	4.96%	0.746%
29	14.263	1892	1902	1911	rBV	427127	675577	22.35%	3.361%
30	14.575	1947	1955	1963	rBV2	686163	1059244	35.05%	5.271%
31	14.768	1981	1988	2003	rBV2	77096	189618	6.27%	0.943%
32	15.009	2028	2029	2035	rVB3	2797	3057	0.10%	0.015%
33	15.385	2088	2093	2099	rVB3	3968	6886	0.23%	0.034%
34	15.568	2117	2124	2135	rBV	596025	921059	30.47%	4.583%

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35	15.673	2137	2142	2158	rVV	137753	221779	7.34%	1.104%
36	15.808	2161	2165	2169	rVB4	6598	10980	0.36%	0.055%
37	16.226	2230	2236	2239	rBV6	2714	5043	0.17%	0.025%
38	16.349	2251	2257	2263	rBV3	5463	8477	0.28%	0.042%
39	17.078	2376	2381	2382	rBV3	3028	3670	0.12%	0.018%
40	17.101	2382	2385	2390	rVB4	4278	6051	0.20%	0.030%
41	17.318	2415	2422	2428	rBV	851954	1331699	44.06%	6.626%
42	17.412	2432	2438	2449	rVV	629216	967770	32.02%	4.815%
43	17.706	2482	2488	2493	rBV7	3425	8507	0.28%	0.042%
44	17.871	2511	2516	2518	rBV4	2456	3540	0.12%	0.018%
45	18.217	2568	2575	2583	rBV	198439	310722	10.28%	1.546%
46	18.282	2584	2586	2594	rVB2	15546	27578	0.91%	0.137%
47	18.646	2644	2648	2651	rBV6	4457	6536	0.22%	0.033%
48	18.723	2659	2661	2666	rVB5	3214	4360	0.14%	0.022%
49	19.005	2707	2709	2711	rBV3	3273	3354	0.11%	0.017%
50	19.110	2723	2727	2731	rVB6	6915	10287	0.34%	0.051%
51	19.152	2731	2734	2740	rBV7	4798	7645	0.25%	0.038%
52	19.293	2756	2758	2761	rBV4	3037	3389	0.11%	0.017%
53	19.334	2762	2765	2767	rVV3	9072	13213	0.44%	0.066%
54	19.369	2767	2771	2776	rVB	31058	43138	1.43%	0.215%
55	19.486	2787	2791	2801	rBV	119446	201241	6.66%	1.001%
56	19.698	2821	2827	2838	rVB	869005	1251573	41.41%	6.227%
57	20.250	2919	2921	2925	rVB3	13981	13205	0.44%	0.066%
58	21.055	3055	3058	3063	rBV4	15734	19143	0.63%	0.095%
59	21.126	3066	3070	3074	rBV7	20491	32385	1.07%	0.161%
60	21.231	3084	3088	3105	rBV	175265	284581	9.42%	1.416%
61	21.390	3111	3115	3122	rBV2	44423	77331	2.56%	0.385%
62	21.467	3123	3128	3133	rVB3	60629	95802	3.17%	0.477%
63	21.561	3137	3144	3156	rVB	1005143	1663687	55.05%	8.278%
64	22.377	3279	3283	3293	rVB4	37099	89123	2.95%	0.443%
65	23.823	3524	3529	3534	rBV3	34836	62179	2.06%	0.309%
66	24.451	3627	3636	3648	rBV	460187	1203583	39.82%	5.989%
67	24.669	3663	3673	3681	rBV2	593571	1673957	55.39%	8.329%
68	25.832	3866	3871	3879	rVB5	36439	87190	2.88%	0.434%

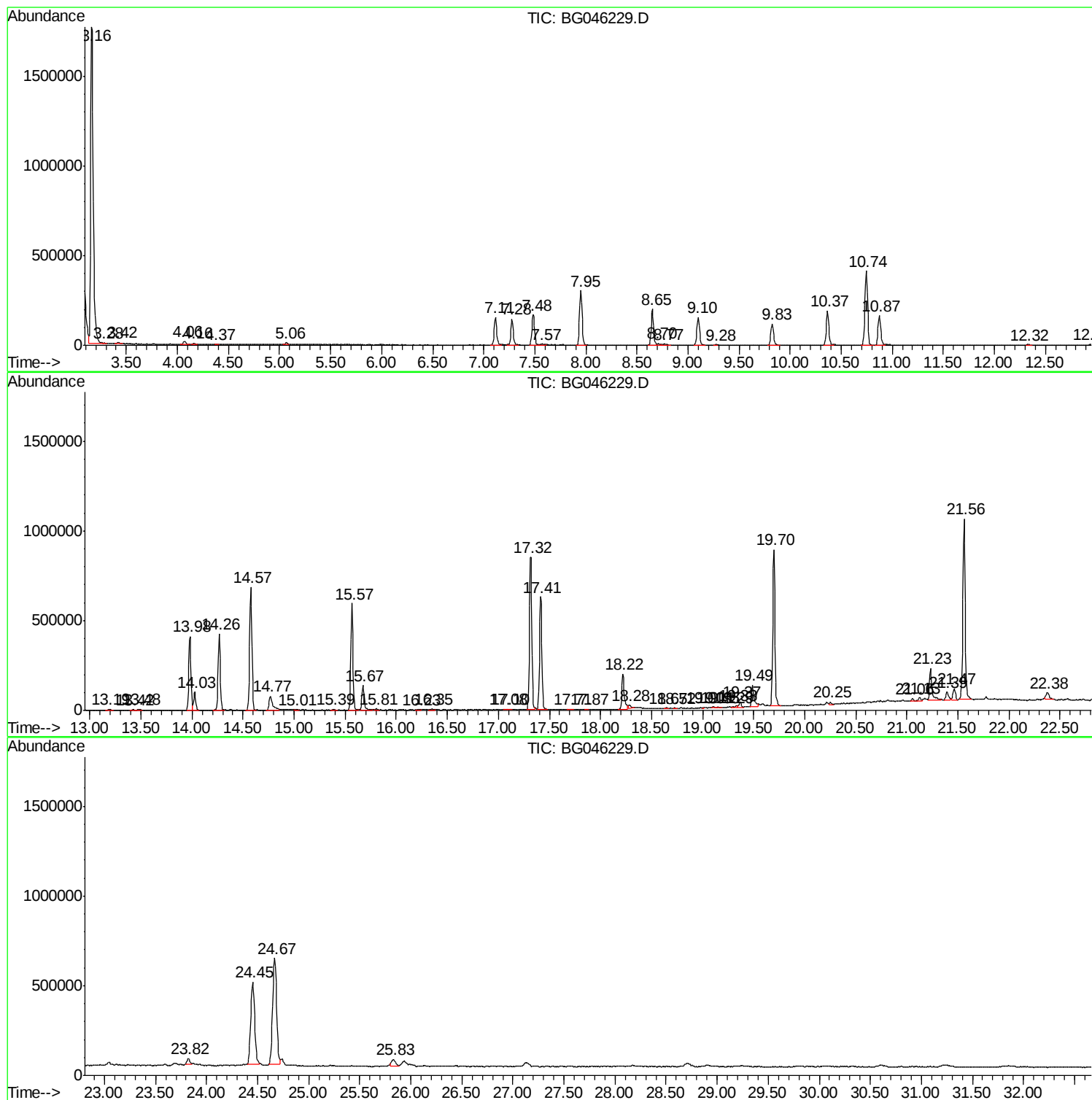
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Quant Title : SVOA CALIBRATION

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



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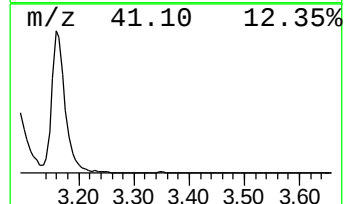
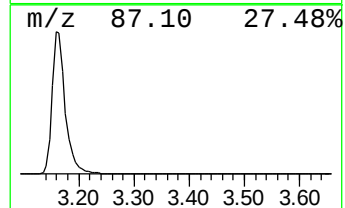
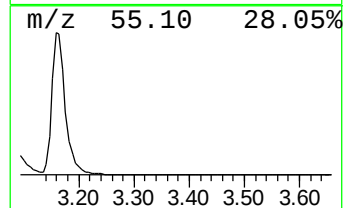
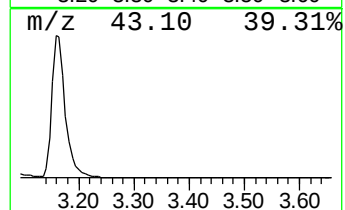
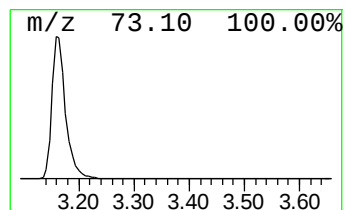
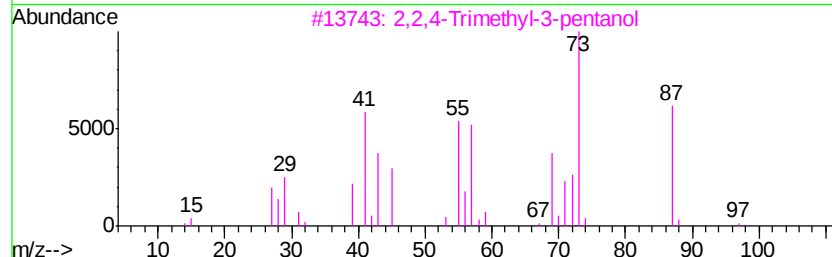
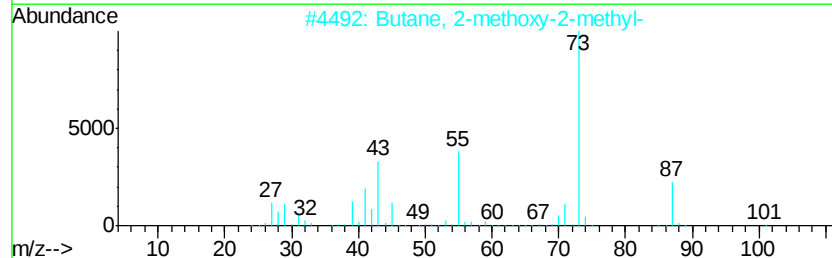
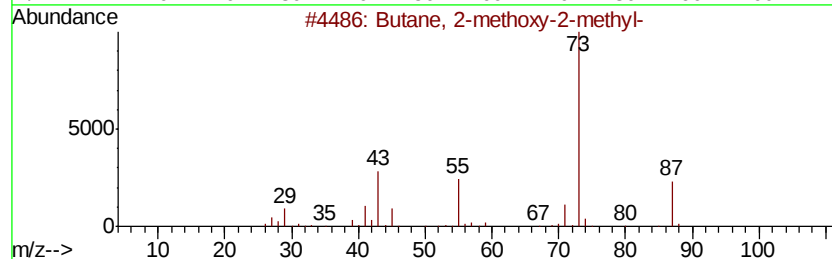
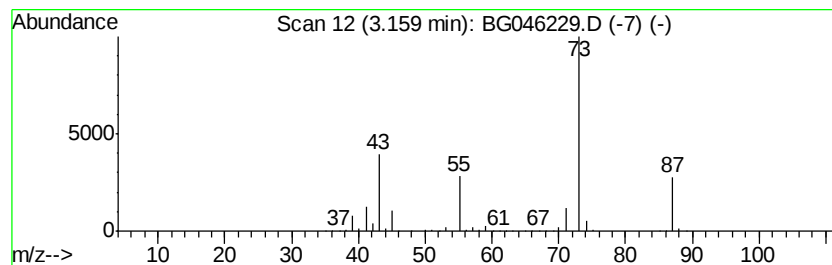
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	115.46 ng/ul	3022350	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35



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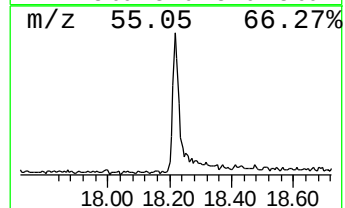
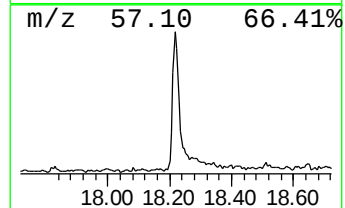
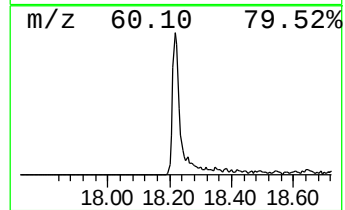
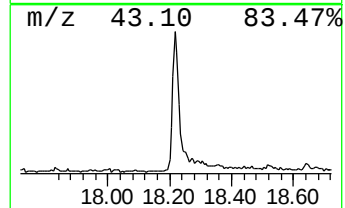
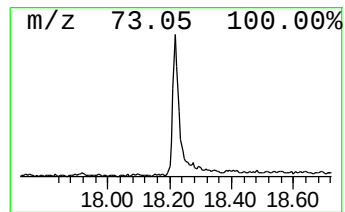
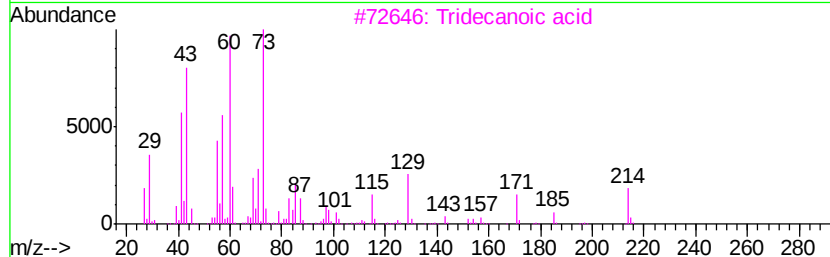
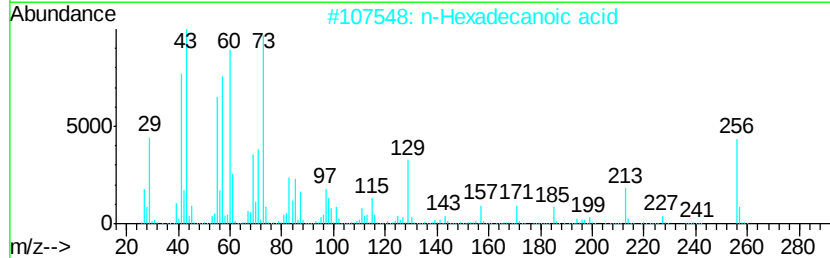
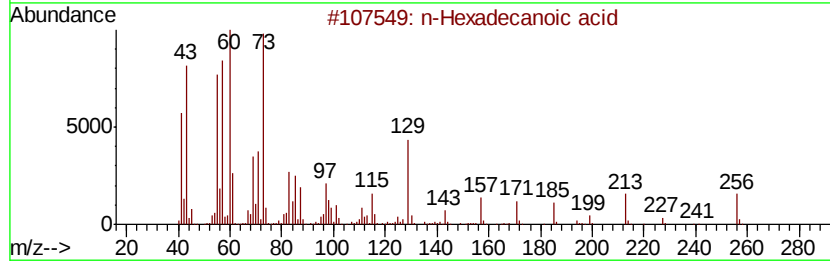
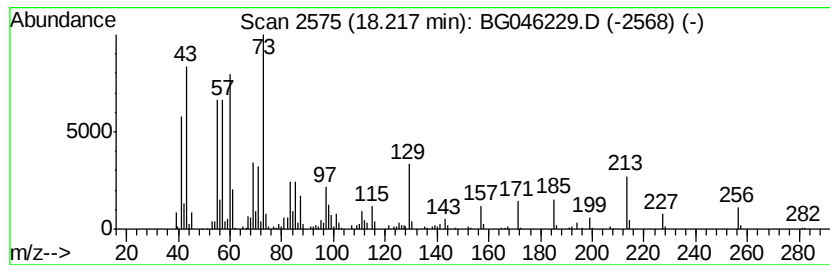
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	4.67 ng/ul	310722	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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ALS Vial : 5 Sample Multiplier: 1

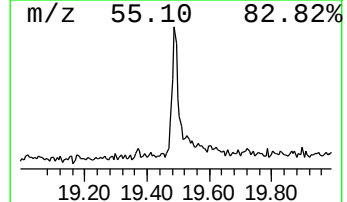
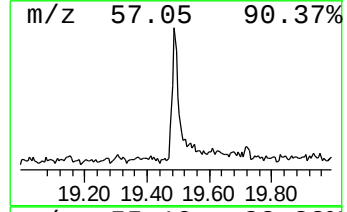
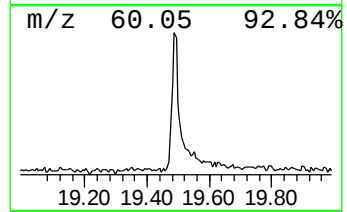
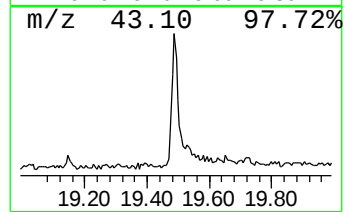
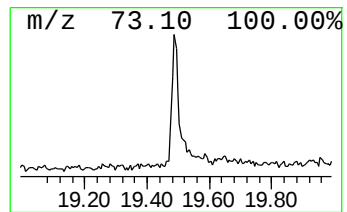
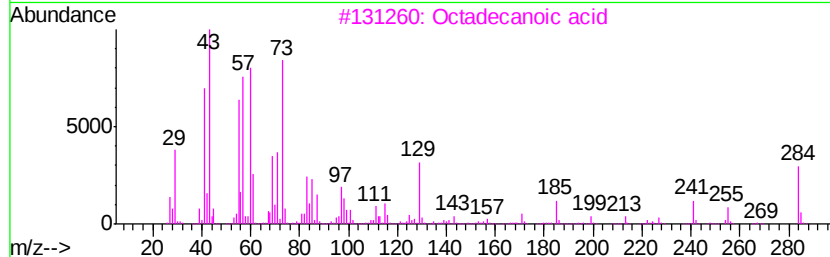
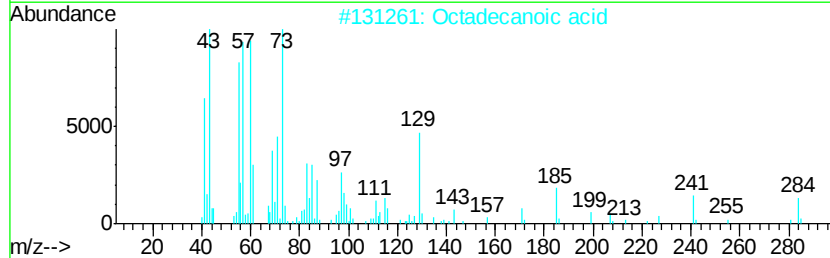
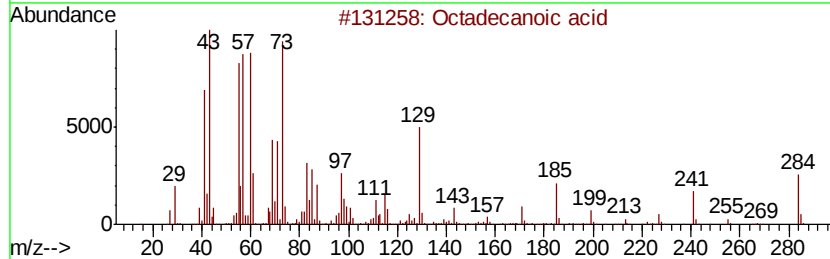
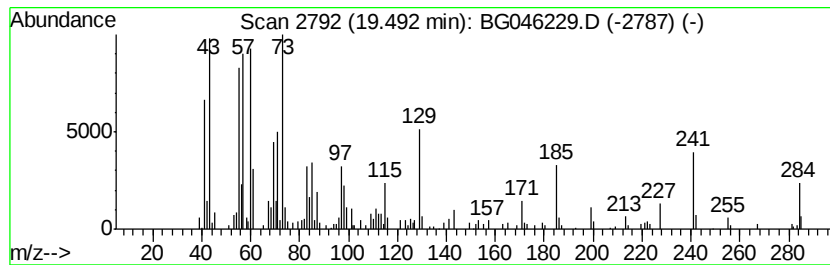
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	2.42 ng/ul	201241	Chrysene-d12	21.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 99
2	Octadecanoic acid	284	C18H36O2	000057-11-4 95
3	Octadecanoic acid	284	C18H36O2	000057-11-4 94
4	Octadecanoic acid	284	C18H36O2	000057-11-4 93
5	n-Decanoic acid	172	C10H20O2	000334-48-5 90



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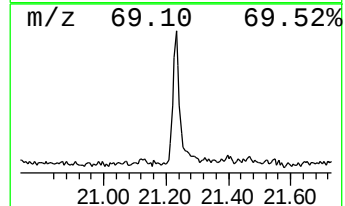
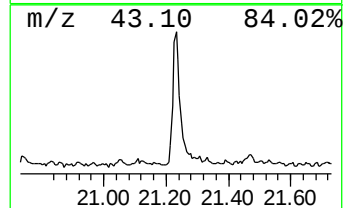
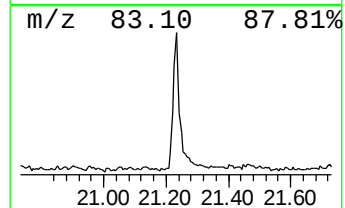
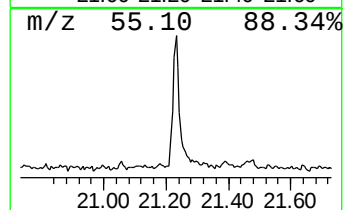
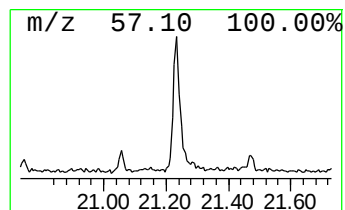
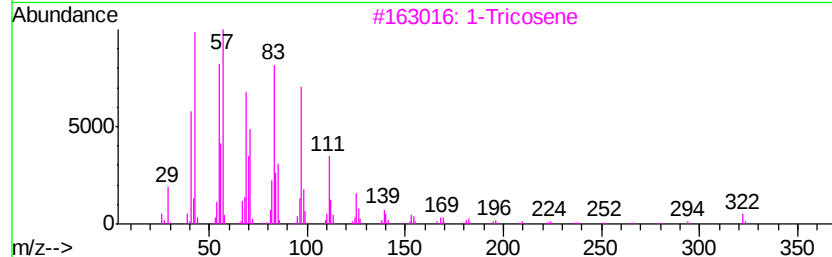
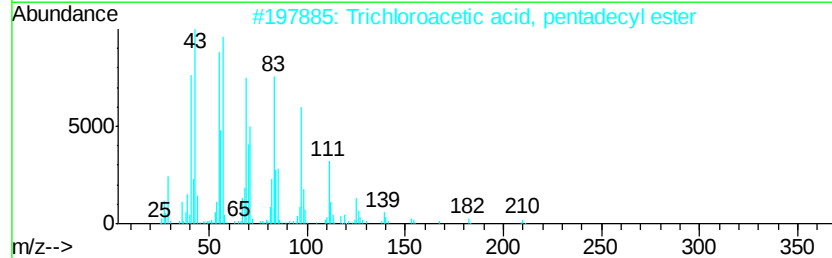
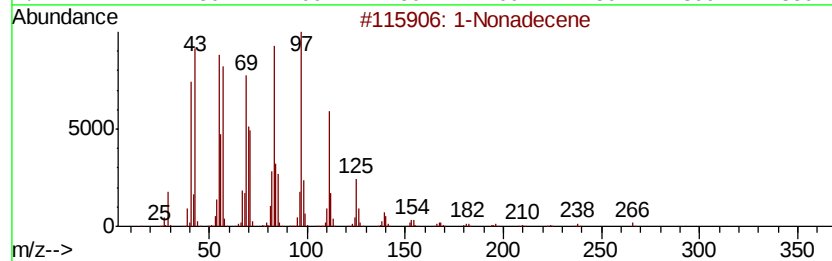
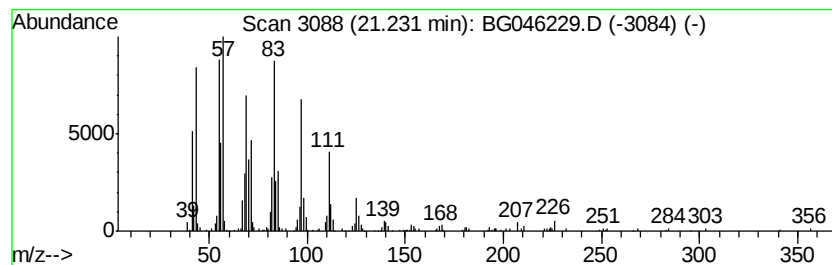
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.42 ng/ul	284581	Chrysene-d12	21.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	94
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		1-Tricosene	322	C23H46	018835-32-0	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



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DBFN8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.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
Butane, 2-methoxy...	3.16	115.5	ng/ul	3022350	1	7.95	523557	20.0
n-Hexadecanoic acid	18.22	4.7	ng/ul	310722	4	17.31	1331700	20.0
Octadecanoic acid	19.49	2.4	ng/ul	201241	5	21.56	1663690	20.0
(DEL) Alkane: Str...	21.23	3.4	ng/ul	284581	5	21.56	1663690	20.0