

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
 Data File : BG046234.D
 Acq On : 12 Aug 2020 17:01
 Operator : CG/JU
 Sample : L3612-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBFP6

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	3.165	8	13	31	rVB	1590027	2764002	100.00%	12.376%
2	3.417	53	56	65	rVB3	10354	18145	0.66%	0.081%
3	3.711	102	106	111	rBV3	2838	5066	0.18%	0.023%
4	3.934	139	144	150	rVB2	17671	23469	0.85%	0.105%
5	4.070	162	167	173	rVB2	15898	27436	0.99%	0.123%
6	4.164	179	183	190	rBV4	6798	11251	0.41%	0.050%
7	4.522	241	244	251	rVB4	2297	4544	0.16%	0.020%
8	5.068	332	337	343	rVB2	12419	19379	0.70%	0.087%
9	5.162	347	353	358	rBV6	3246	6511	0.24%	0.029%
10	7.113	676	685	696	rBV	172573	319856	11.57%	1.432%
11	7.278	707	713	722	rVV	155917	257326	9.31%	1.152%
12	7.483	740	748	755	rBV	186353	317476	11.49%	1.421%
13	7.548	755	759	770	rVB	27283	53609	1.94%	0.240%
14	7.953	821	828	837	rVV	331916	566458	20.49%	2.536%
15	8.012	837	838	843	rVB5	2172	2888	0.10%	0.013%
16	8.652	939	947	958	rBV	169044	293303	10.61%	1.313%
17	8.764	961	966	973	rVB5	9039	15892	0.57%	0.071%
18	9.099	1015	1023	1035	rBV	176765	315380	11.41%	1.412%
19	9.569	1098	1103	1107	rVB3	2562	3826	0.14%	0.017%
20	9.822	1139	1146	1155	rBV	141336	257171	9.30%	1.151%
21	10.368	1231	1239	1249	rBV	211879	386085	13.97%	1.729%
22	10.744	1295	1303	1314	rBV	475532	828388	29.97%	3.709%
23	10.873	1317	1325	1332	rBV	158785	304690	11.02%	1.364%
24	12.336	1568	1574	1579	rBV4	3706	7035	0.25%	0.031%
25	12.401	1581	1585	1593	rVB5	2338	4281	0.15%	0.019%
26	12.618	1620	1622	1627	rVB3	1862	2896	0.10%	0.013%
27	12.942	1673	1677	1681	rVB4	2921	4326	0.16%	0.019%
28	13.188	1713	1719	1723	rBV7	4340	7313	0.26%	0.033%
29	13.412	1754	1757	1765	rVV5	2845	4446	0.16%	0.020%
30	13.482	1765	1769	1776	rVB6	5114	8118	0.29%	0.036%
31	13.982	1847	1854	1858	rBV	446194	658899	23.84%	2.950%
32	14.023	1858	1861	1869	rVB	245332	359867	13.02%	1.611%
33	14.264	1896	1902	1910	rVV	496917	765075	27.68%	3.426%
34	14.493	1937	1941	1943	rVV4	2271	2885	0.10%	0.013%

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 Title : SVOA CALIBRATION

35	14.575	1947	1955	1962	rVV2	763451	1172178	42.41%	5.248%
36	14.634	1963	1965	1970	rVB4	4116	5632	0.20%	0.025%
37	14.763	1978	1987	2008	rBV	100615	230787	8.35%	1.033%
38	14.922	2011	2014	2016	rVV4	2963	3108	0.11%	0.014%
39	15.386	2086	2093	2099	rBV4	6874	10882	0.39%	0.049%
40	15.568	2117	2124	2131	rBV	667519	1014344	36.70%	4.542%
41	15.621	2131	2133	2137	rVV4	4992	6604	0.24%	0.030%
42	15.674	2137	2142	2153	rVB	165231	253026	9.15%	1.133%
43	15.809	2161	2165	2169	rVV3	7993	10851	0.39%	0.049%
44	16.061	2203	2208	2212	rBV3	2340	4254	0.15%	0.019%
45	16.326	2250	2253	2254	rVV	3618	2832	0.10%	0.013%
46	16.343	2254	2256	2262	rVB4	5103	7328	0.27%	0.033%
47	16.861	2339	2344	2349	rBV	15806	22444	0.81%	0.100%
48	17.101	2378	2385	2389	rVB5	5855	11232	0.41%	0.050%
49	17.313	2414	2421	2427	rBV	926486	1448555	52.41%	6.486%
50	17.354	2427	2428	2433	rVV	49588	56009	2.03%	0.251%
51	17.413	2433	2438	2448	rVB2	704974	1047115	37.88%	4.688%
52	17.624	2472	2474	2478	rVV5	1994	2948	0.11%	0.013%
53	17.677	2480	2483	2484	rBV3	2554	3129	0.11%	0.014%
54	17.712	2485	2489	2494	rVV2	7338	12968	0.47%	0.058%
55	17.836	2505	2510	2513	rVB5	4820	6571	0.24%	0.029%
56	18.000	2530	2538	2541	rBV8	3870	6687	0.24%	0.030%
57	18.159	2562	2565	2567	rBV4	2409	3402	0.12%	0.015%
58	18.218	2567	2575	2584	rVV2	104046	195903	7.09%	0.877%
59	18.282	2584	2586	2591	rVB	11587	15388	0.56%	0.069%
60	18.388	2598	2604	2607	rBV4	12302	22532	0.82%	0.101%
61	18.517	2623	2626	2629	rBV5	3656	4922	0.18%	0.022%
62	18.688	2652	2655	2658	rBV2	10214	13389	0.48%	0.060%
63	18.723	2658	2661	2667	rVB3	12894	18259	0.66%	0.082%
64	18.782	2667	2671	2673	rBV4	4374	5932	0.21%	0.027%
65	18.929	2695	2696	2701	rVB4	3454	4743	0.17%	0.021%
66	18.993	2701	2707	2710	rBV8	5480	12167	0.44%	0.054%
67	19.023	2710	2712	2716	rVV5	4526	4826	0.17%	0.022%
68	19.099	2720	2725	2730	rBV7	17418	30320	1.10%	0.136%
69	19.146	2730	2733	2738	rBV7	7822	11714	0.42%	0.052%
70	19.199	2738	2742	2745	rVB5	3178	3113	0.11%	0.014%
71	19.240	2745	2749	2759	rBV10	8801	23410	0.85%	0.105%

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72	19.363	2762	2770	2779	rVB	165543	245411	8.88%	1.099%
73	19.487	2785	2791	2799	rBV7	32818	59188	2.14%	0.265%
74	19.698	2821	2827	2839	rBV2	971327	1587996	57.45%	7.110%
75	19.804	2842	2845	2848	rVB4	7996	10319	0.37%	0.046%
76	19.834	2848	2850	2854	rBV5	4228	3563	0.13%	0.016%
77	19.904	2858	2862	2865	rBV3	10470	13691	0.50%	0.061%
78	20.057	2883	2888	2893	rBV4	11169	29829	1.08%	0.134%
79	20.215	2912	2915	2919	rVB	24539	29977	1.08%	0.134%
80	20.251	2919	2921	2926	rVB3	12950	11859	0.43%	0.053%
81	20.315	2930	2932	2936	rVB3	7795	8754	0.32%	0.039%
82	20.967	3041	3043	3051	rVB2	21536	34564	1.25%	0.155%
83	21.232	3083	3088	3096	rBV2	267204	394465	14.27%	1.766%
84	21.473	3125	3129	3135	rVV2	39977	63014	2.28%	0.282%
85	21.561	3137	3144	3149	rVV	1096057	1819091	65.81%	8.145%
86	21.602	3149	3151	3162	rVB	83100	142211	5.15%	0.637%
87	21.772	3178	3180	3195	rVB7	35505	81040	2.93%	0.363%
88	22.372	3279	3282	3292	rVB4	42780	81014	2.93%	0.363%
89	23.042	3392	3396	3401	rVB2	27773	40409	1.46%	0.181%
90	23.688	3499	3506	3514	rBV2	62370	199867	7.23%	0.895%
91	23.817	3525	3528	3535	rVB4	38976	64637	2.34%	0.289%
92	24.452	3627	3636	3645	rBV	471147	1206276	43.64%	5.401%
93	24.663	3662	3672	3681	rBV2	662003	1771532	64.09%	7.932%
94	25.826	3864	3870	3878	rVB3	38900	98517	3.56%	0.441%

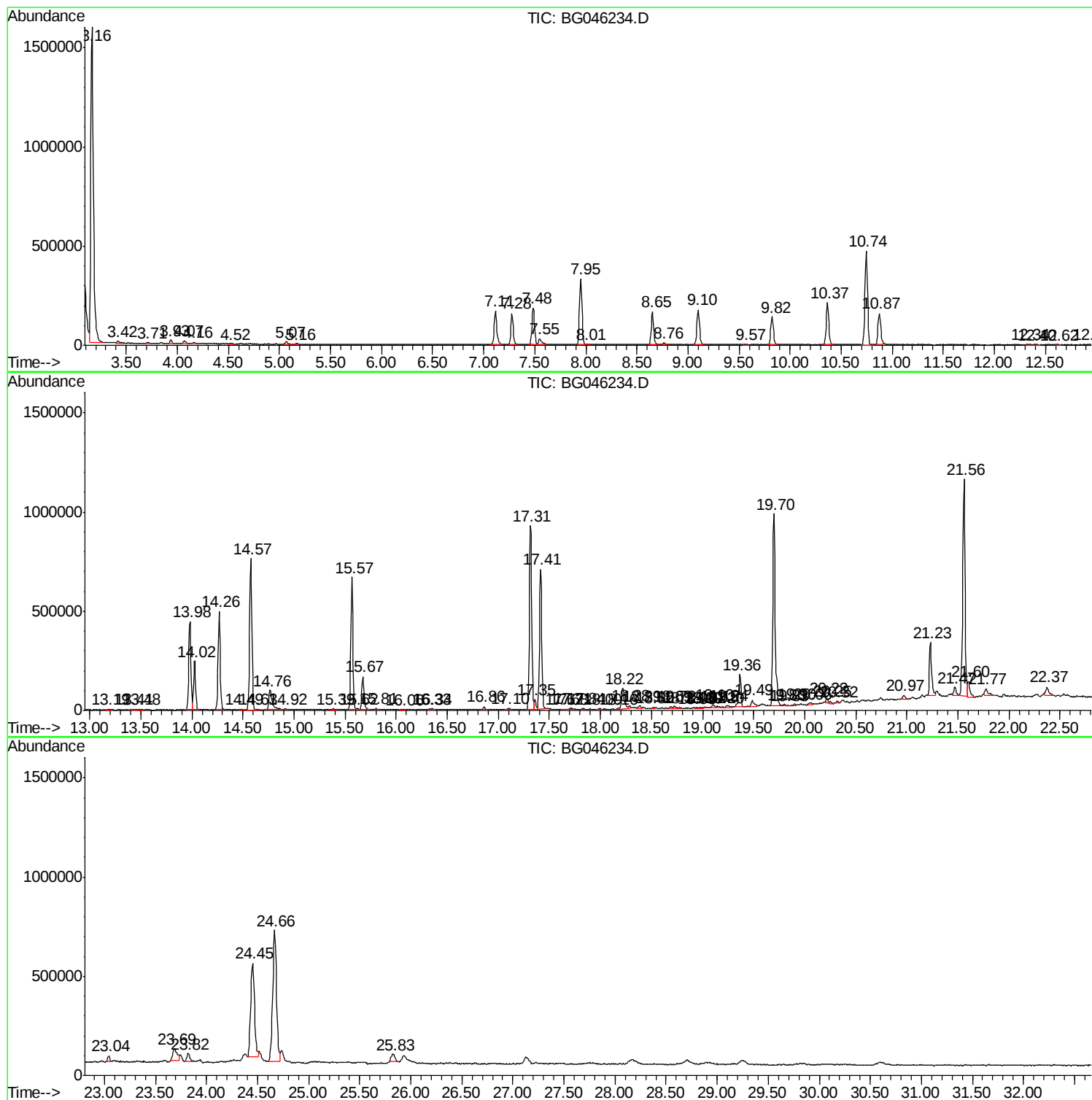
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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



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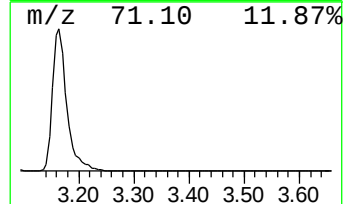
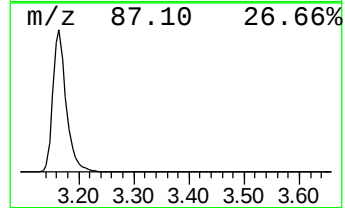
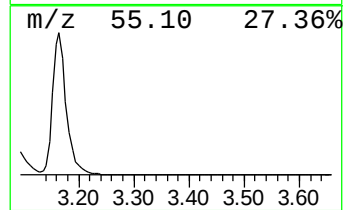
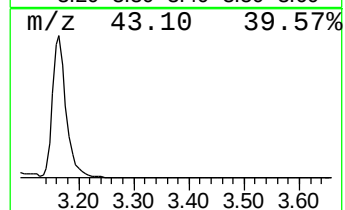
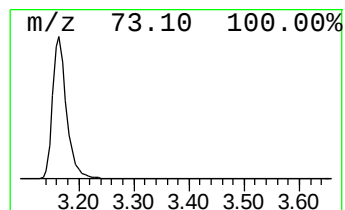
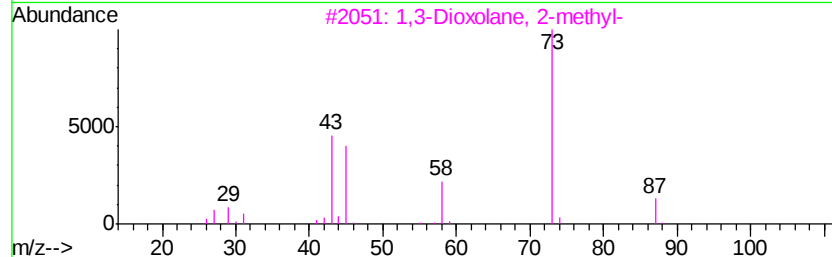
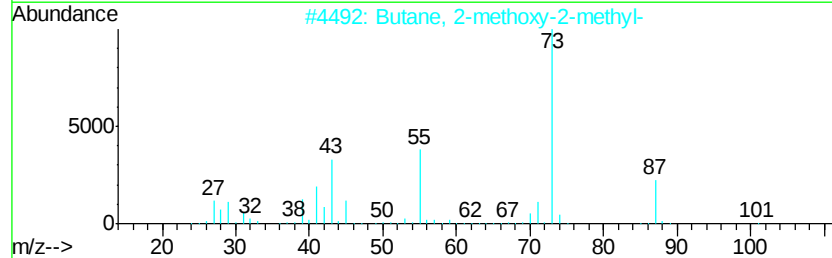
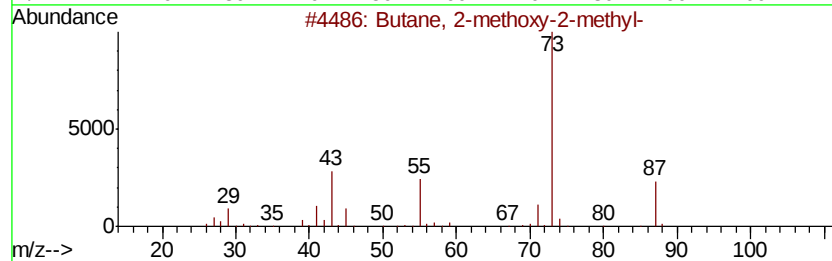
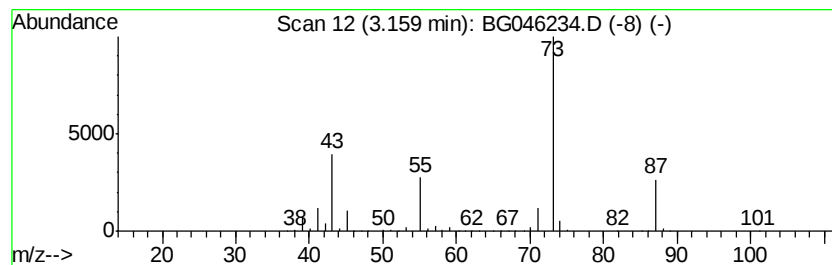
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	97.59 ng/ul	2764000	1,4-Dichlorobenzene-d4	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
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			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38



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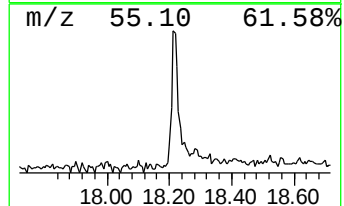
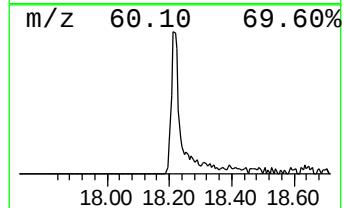
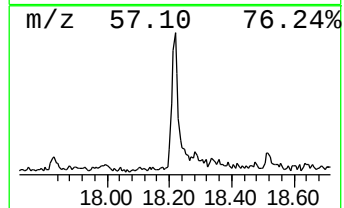
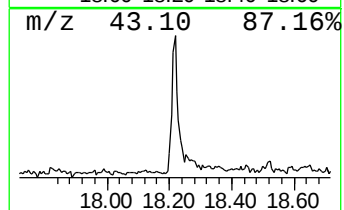
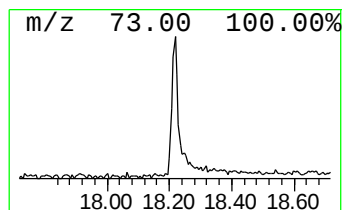
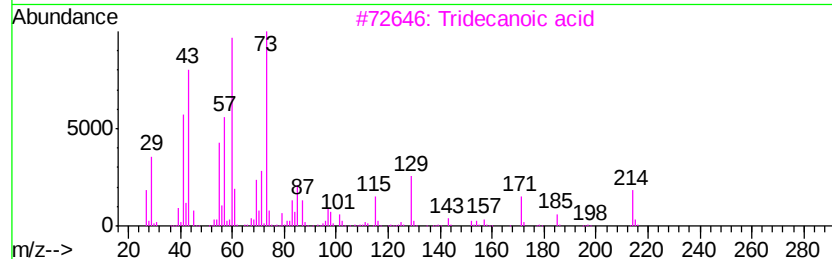
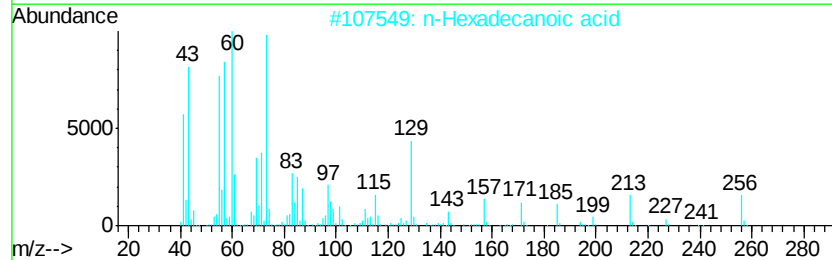
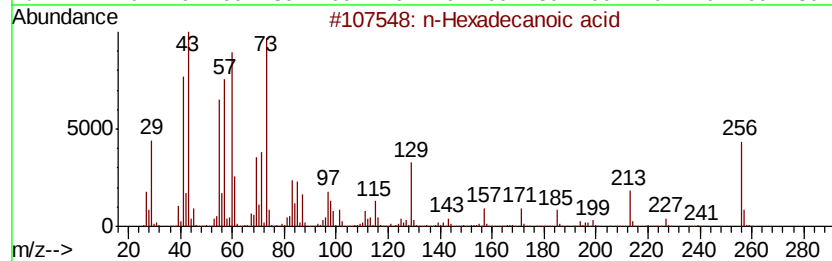
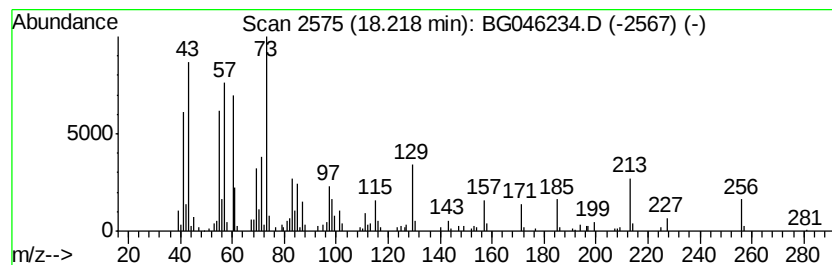
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.70 ng/ul	195903	Phenanthrene-d10	17.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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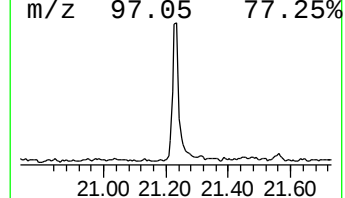
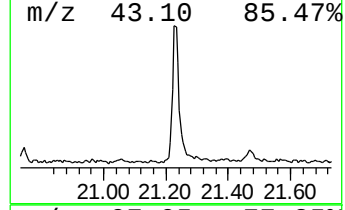
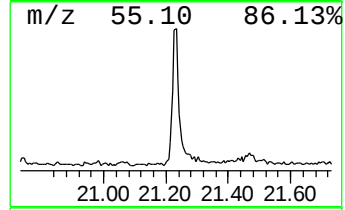
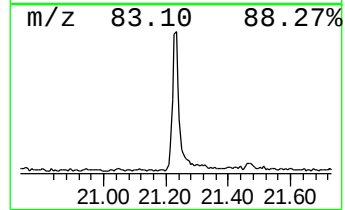
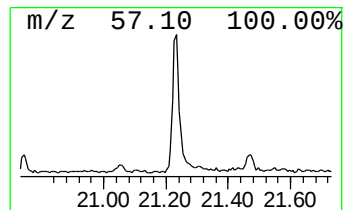
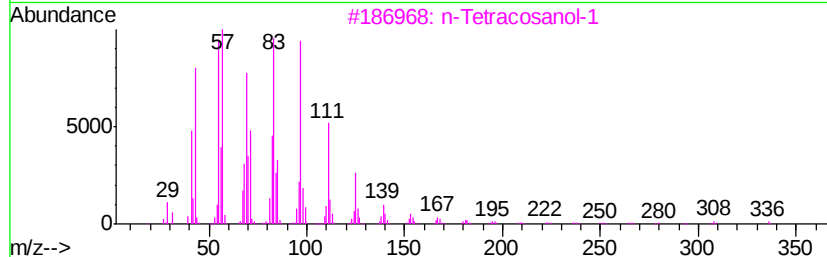
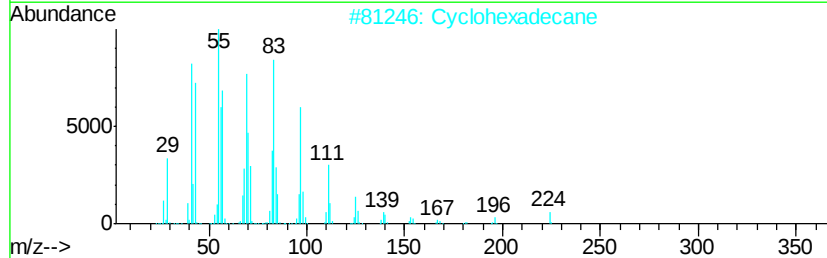
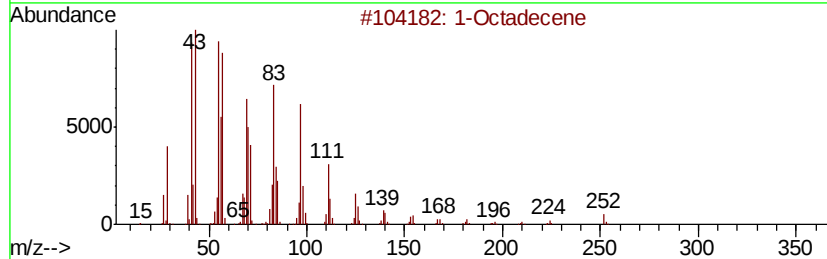
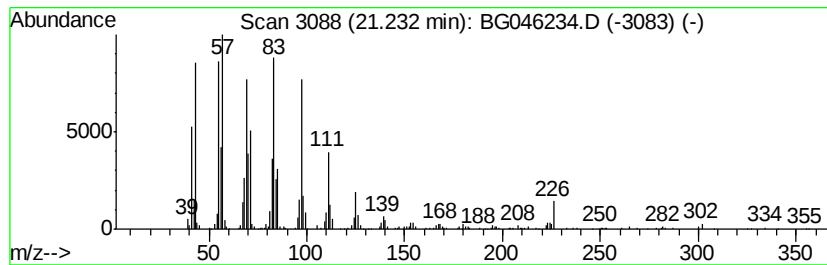
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.34 ng/ul	394465	Chrysene-d12	21.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	96
2		Cyclohexadecane	224	C16H32	000295-65-8	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



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DBFP6

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	97.6	ng/ul	2764000	1	7.95	566458	20.0
n-Hexadecanoic acid	18.22	2.7	ng/ul	195903	4	17.31	1448560	20.0
(DEL) Alkane: Str...	21.23	4.3	ng/ul	394465	5	21.56	1819090	20.0