

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
 Data File : BG046228.D
 Acq On : 12 Aug 2020 12:57
 Operator : CG/JU
 Sample : L3612-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBFN9

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	8	12	27	rVB	412794	662299	23.30%	2.366%
2	3.418	51	56	65	rVB	18422	30772	1.08%	0.110%
3	3.694	100	103	108	rBV2	5188	8867	0.31%	0.032%
4	3.935	140	144	145	rBV4	2456	2931	0.10%	0.010%
5	4.064	164	166	172	rVB5	5255	7463	0.26%	0.027%
6	4.158	179	182	189	rVB2	7947	11748	0.41%	0.042%
7	4.375	215	219	224	rVB2	10939	15838	0.56%	0.057%
8	4.787	283	289	294	rVB3	8445	12700	0.45%	0.045%
9	7.113	679	685	698	rBV	337506	565240	19.89%	2.019%
10	7.278	703	713	724	rVB	270155	448287	15.77%	1.602%
11	7.483	741	748	756	rBV	336723	571840	20.12%	2.043%
12	7.554	756	760	769	rVB	17552	34033	1.20%	0.122%
13	7.948	820	827	836	rBV	325892	533641	18.77%	1.907%
14	8.653	939	947	961	rBV	430210	722993	25.44%	2.583%
15	9.099	1014	1023	1033	rBV	307894	548500	19.30%	1.960%
16	9.275	1048	1053	1056	rBV4	2930	4254	0.15%	0.015%
17	9.569	1099	1103	1110	rVB3	1983	3519	0.12%	0.013%
18	9.822	1138	1146	1154	rBV	252791	450595	15.85%	1.610%
19	10.368	1230	1239	1250	rBV	420341	765608	26.94%	2.735%
20	10.744	1296	1303	1310	rBV	455637	758936	26.70%	2.711%
21	10.874	1317	1325	1344	rBV	387518	717642	25.25%	2.564%
22	11.784	1475	1480	1484	rBV2	1984	2887	0.10%	0.010%
23	12.331	1568	1573	1580	rVB3	8765	14607	0.51%	0.052%
24	12.401	1580	1585	1589	rBV5	2154	4397	0.15%	0.016%
25	12.948	1672	1678	1681	rVB4	3280	5607	0.20%	0.020%
26	13.194	1714	1720	1724	rBV3	5536	8031	0.28%	0.029%
27	13.418	1755	1758	1763	rVB3	2163	3508	0.12%	0.013%
28	13.482	1763	1769	1775	rBV3	10245	16804	0.59%	0.060%
29	13.982	1847	1854	1858	rBV	844684	1191099	41.90%	4.255%
30	14.023	1858	1861	1869	rVV	199630	291350	10.25%	1.041%
31	14.264	1893	1902	1912	rBV	973769	1526867	53.72%	5.455%
32	14.575	1946	1955	1963	rBV	717407	1090254	38.36%	3.895%
33	14.763	1981	1987	2005	rBV	248118	496890	17.48%	1.775%
34	15.116	2043	2047	2051	rVB4	2232	3316	0.12%	0.012%

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35	15.386	2087	2093	2097	rBV8	4225	7035	0.25%	0.025%
36	15.439	2099	2102	2106	rBV5	2858	4390	0.15%	0.016%
37	15.568	2116	2124	2136	rBV	1282074	1969967	69.31%	7.038%
38	15.674	2136	2142	2153	rBV	338692	507173	17.84%	1.812%
39	15.803	2160	2164	2170	rBV	14999	22737	0.80%	0.081%
40	16.226	2233	2236	2242	rBV4	7547	12373	0.44%	0.044%
41	16.302	2244	2249	2250	rVV2	3844	5503	0.19%	0.020%
42	16.332	2250	2254	2255	rVV3	5714	7535	0.27%	0.027%
43	16.349	2255	2257	2263	rVB6	7418	12075	0.42%	0.043%
44	16.473	2272	2278	2282	rBV6	2846	4773	0.17%	0.017%
45	16.966	2359	2362	2364	rVV4	2856	3411	0.12%	0.012%
46	16.996	2364	2367	2370	rVB4	3125	4361	0.15%	0.016%
47	17.072	2376	2380	2381	rBV3	4973	5497	0.19%	0.020%
48	17.096	2381	2384	2388	rVB5	4619	6692	0.24%	0.024%
49	17.313	2415	2421	2427	rBV	876674	1371261	48.24%	4.899%
50	17.413	2432	2438	2451	rVB2	1396760	2118895	74.55%	7.570%
51	17.495	2451	2452	2454	rBV2	3828	3043	0.11%	0.011%
52	17.995	2535	2537	2539	rVB2	4357	3516	0.12%	0.013%
53	18.147	2562	2563	2567	rBV3	3798	4715	0.17%	0.017%
54	18.224	2570	2576	2583	rBV	319488	494671	17.40%	1.767%
55	18.382	2601	2603	2607	rVB5	9152	9184	0.32%	0.033%
56	18.647	2645	2648	2651	rVB5	11968	13283	0.47%	0.047%
57	18.753	2664	2666	2671	rVB5	6705	10398	0.37%	0.037%
58	18.917	2691	2694	2695	rBV3	6596	6207	0.22%	0.022%
59	19.076	2719	2721	2723	rBV3	9161	7205	0.25%	0.026%
60	19.334	2762	2765	2767	rBV2	21033	25450	0.90%	0.091%
61	19.364	2767	2770	2777	rVB	48573	65264	2.30%	0.233%
62	19.493	2787	2792	2803	rBV	193515	320295	11.27%	1.144%
63	19.699	2820	2827	2836	rBV2	1873664	2756373	96.97%	9.848%
64	21.232	3083	3088	3098	rBV	309000	458986	16.15%	1.640%
65	21.561	3138	3144	3156	rVB2	1014602	1677377	59.01%	5.993%
66	23.823	3525	3529	3535	rVB3	33285	60935	2.14%	0.218%
67	24.458	3627	3637	3653	rVB	1069080	2842427	100.00%	10.155%
68	24.669	3664	3673	3682	rBV2	622997	1634077	57.49%	5.838%

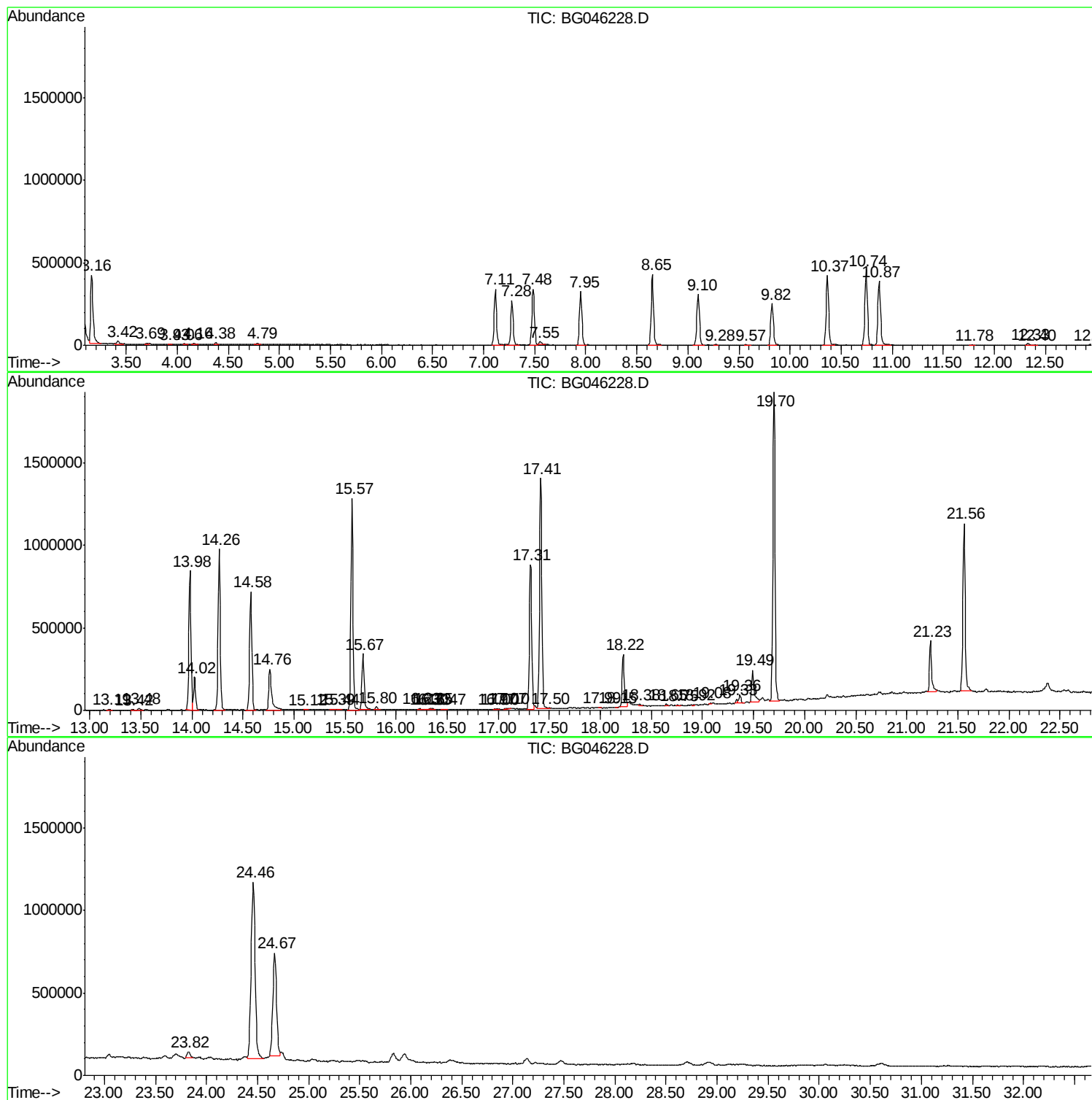
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Quant Title : SVOA CALIBRATION

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



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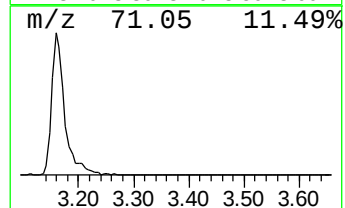
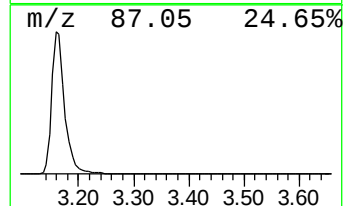
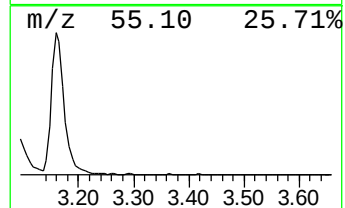
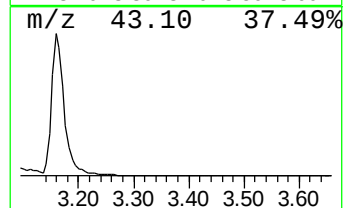
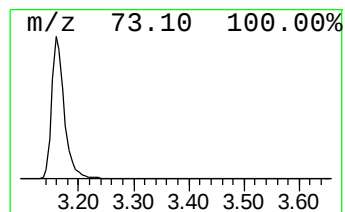
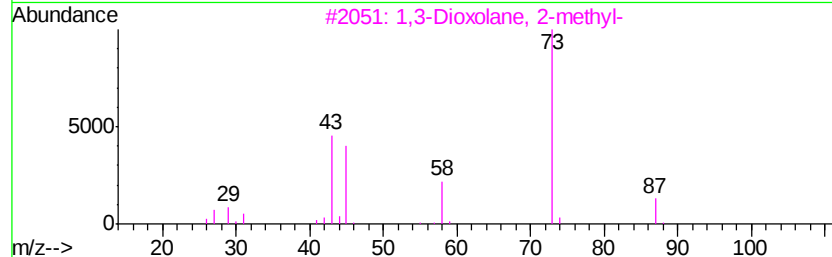
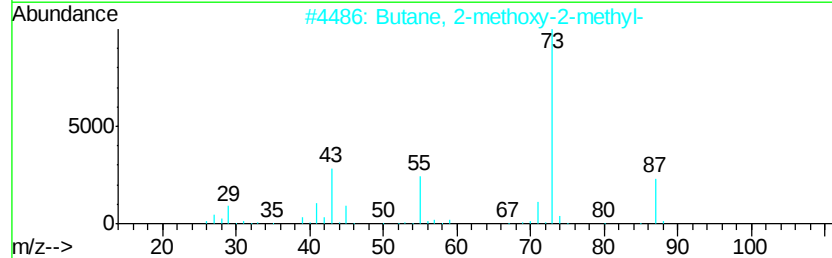
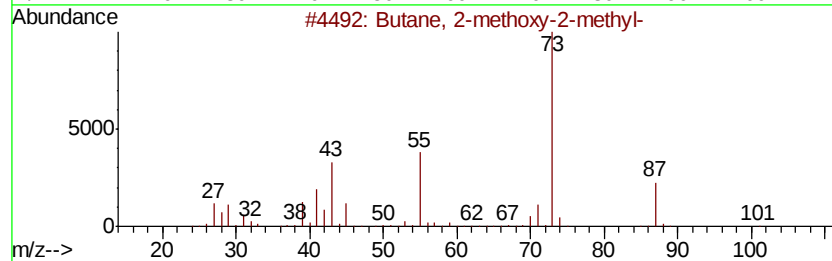
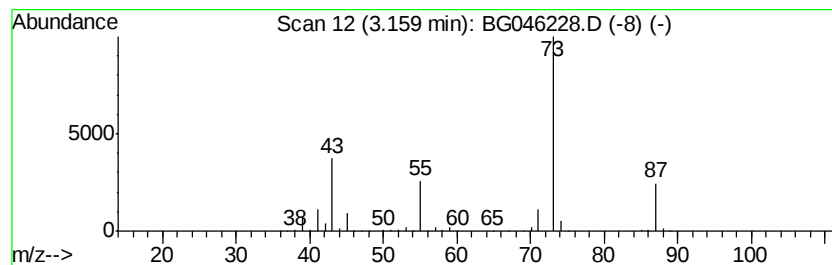
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Quant Title : SVOA CALIBRATION

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	24.82 ng/ul	662299	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		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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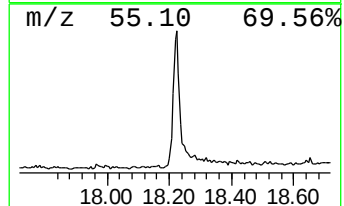
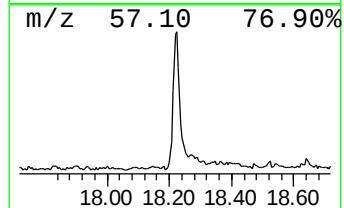
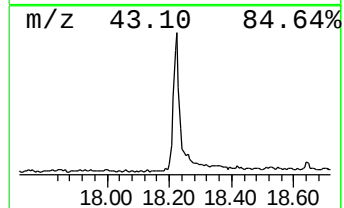
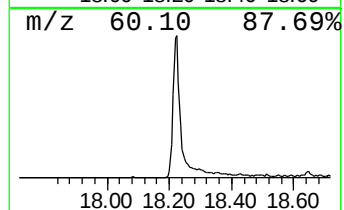
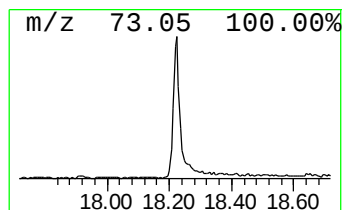
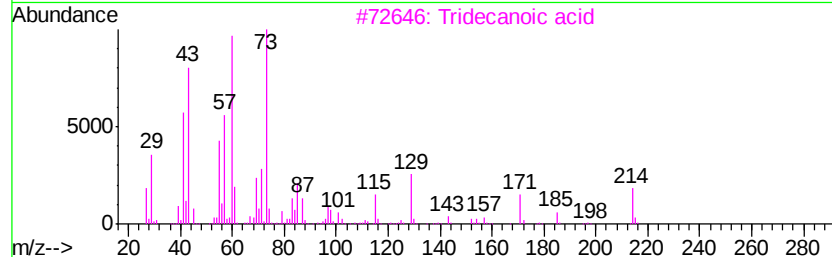
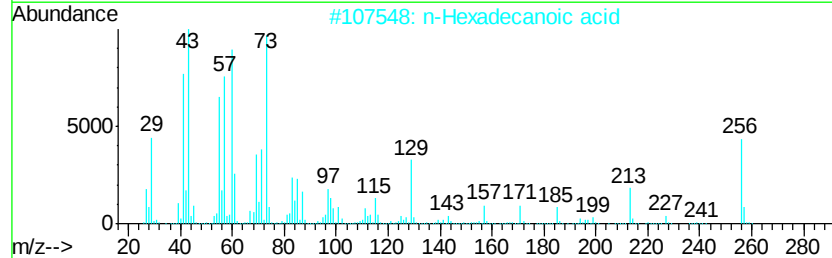
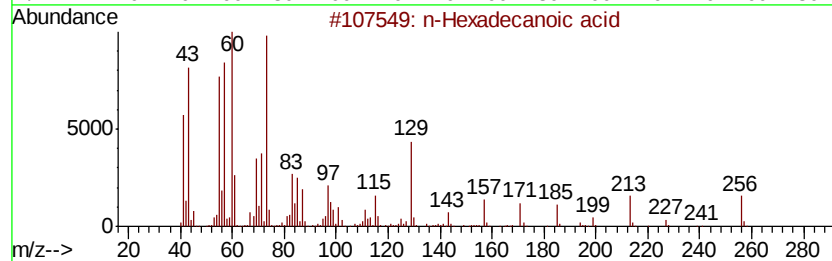
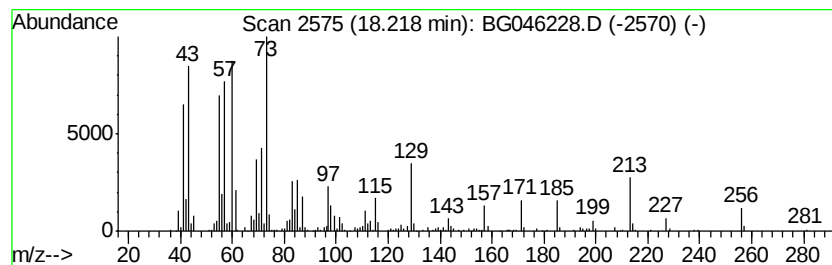
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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	7.21 ng/ul	494671	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	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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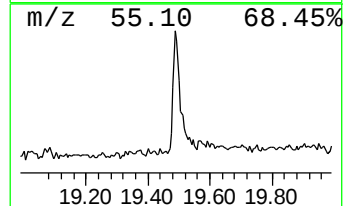
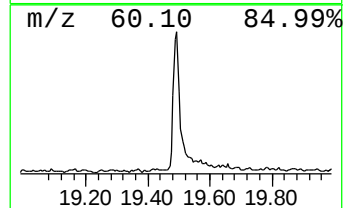
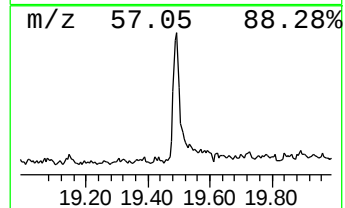
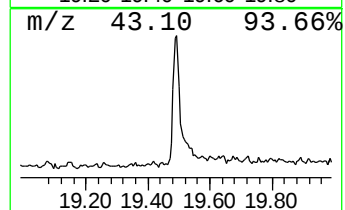
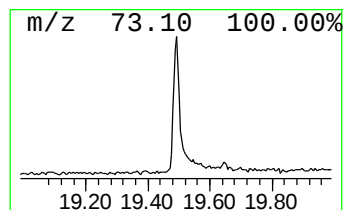
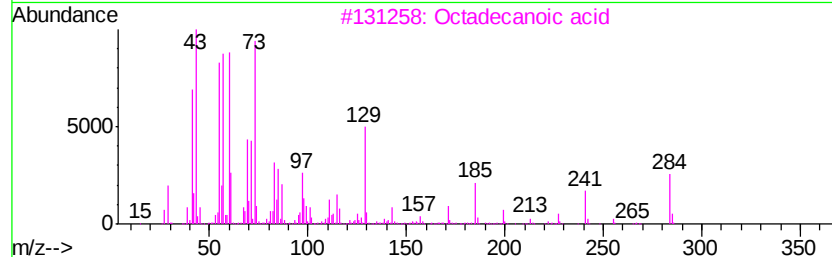
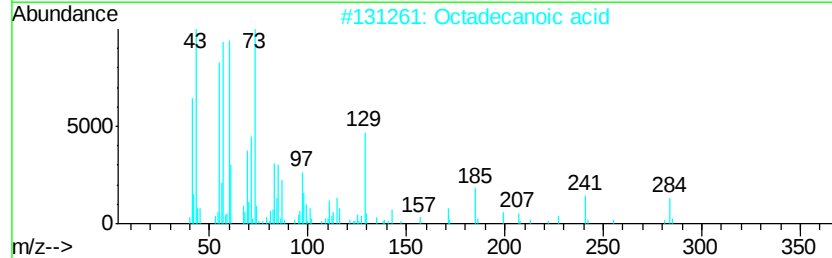
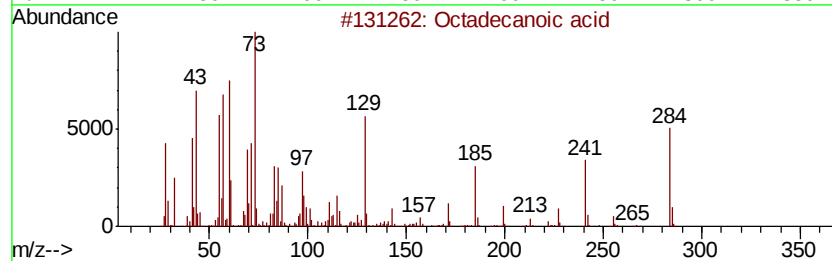
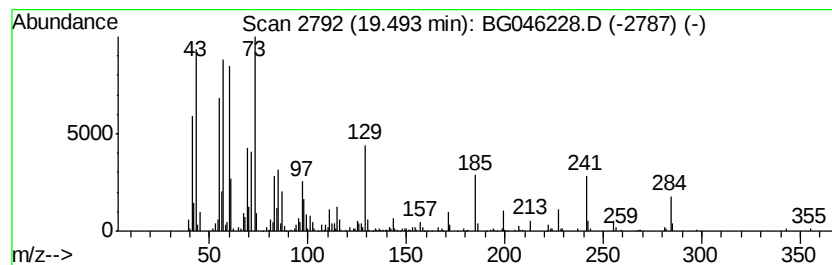
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Quant Title : SVOA CALIBRATION

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	3.82 ng/ul	320295	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	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	98
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



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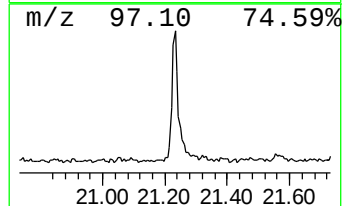
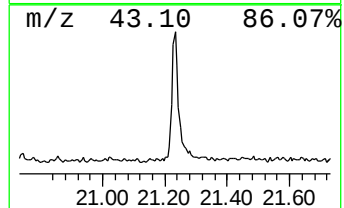
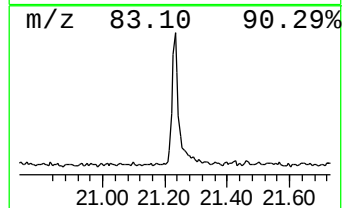
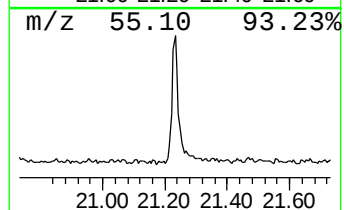
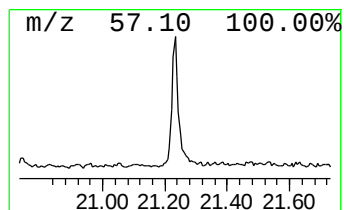
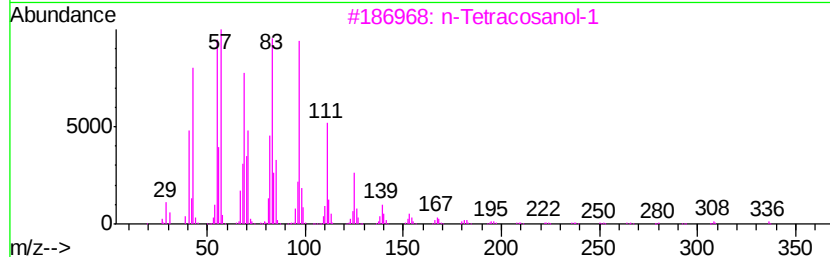
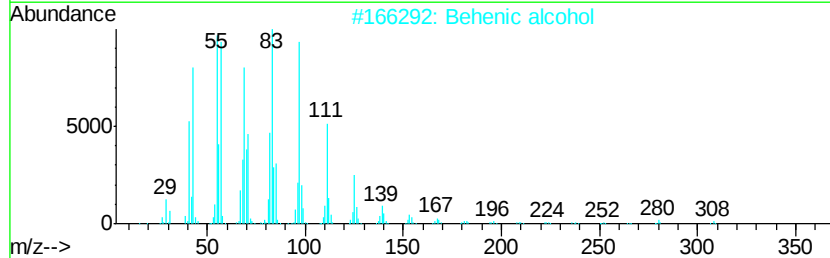
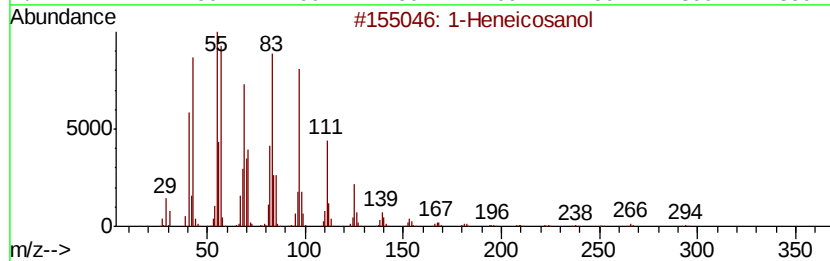
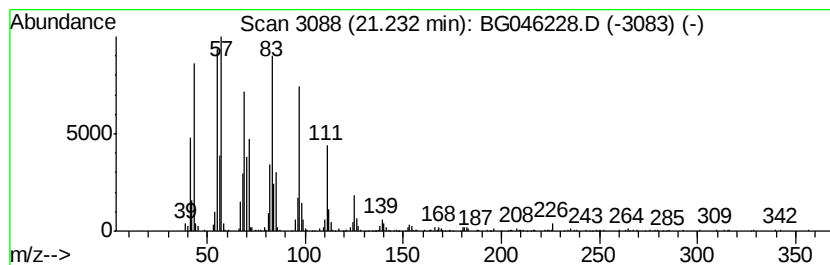
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	5.47 ng/ul	458986	Chrysene-d12	21.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	95
2	Behenic alcohol		326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
4	1-Nonadecene		266	C19H38	018435-45-5	91
5	1-Heneicosyl formate		340	C22H44O2	077899-03-7	91



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DBFN9

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	24.8	ng/ul	662299	1	7.95	533641	20.0
n-Hexadecanoic acid	18.22	7.2	ng/ul	494671	4	17.31	1371260	20.0
Octadecanoic acid	19.49	3.8	ng/ul	320295	5	21.56	1677380	20.0
1-Heneicosanol	21.23	5.5	ng/ul	458986	5	21.56	1677380	20.0