

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022292.D
 Acq On : 24 Aug 2019 13:58
 Operator : HP/JU
 Sample : K4242-14
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

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_M\METHODS\SOM-EPA-BM082219MA.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	3.134	21	25	34	rVB4	8090	15415	0.89%	0.092%
2	3.634	108	110	118	rVB4	1767	2785	0.16%	0.017%
3	3.722	120	125	135	rVB	12460	22278	1.28%	0.133%
4	3.822	138	142	146	rBV3	1726	1970	0.11%	0.012%
5	3.934	158	161	165	rVB3	5024	5846	0.34%	0.035%
6	4.193	200	205	206	rBV2	1441	1983	0.11%	0.012%
7	4.710	288	293	302	rVB	8820	15809	0.91%	0.094%
8	5.987	504	510	516	rBV	5792	7197	0.41%	0.043%
9	6.634	617	620	625	rBV	1817	2442	0.14%	0.015%
10	6.751	633	640	651	rBV	187658	345715	19.87%	2.060%
11	6.910	661	667	680	rBV	133975	224965	12.93%	1.341%
12	7.093	691	698	706	rBV	218426	350810	20.17%	2.091%
13	7.551	770	776	785	rBV	189125	300415	17.27%	1.790%
14	8.275	893	899	914	rVB	250208	416248	23.93%	2.481%
15	8.722	969	975	990	rVB	206993	348109	20.01%	2.075%
16	9.039	1025	1029	1034	rBV	3373	4577	0.26%	0.027%
17	9.434	1090	1096	1108	rVB	191655	321861	18.50%	1.918%
18	9.963	1180	1186	1206	rBV	252252	481778	27.70%	2.871%
19	10.328	1241	1248	1255	rBV	286707	461206	26.51%	2.749%
20	10.498	1270	1277	1293	rBV	201145	416588	23.95%	2.483%
21	11.945	1519	1523	1528	rBV	2700	4768	0.27%	0.028%
22	13.092	1711	1718	1724	rBV	33595	49747	2.86%	0.296%
23	13.639	1805	1811	1815	rBV	534781	753821	43.34%	4.492%
24	13.686	1815	1819	1829	rVB	318152	437700	25.16%	2.608%
25	13.904	1849	1856	1867	rBV	629546	881585	50.68%	5.254%
26	14.210	1902	1908	1922	rVB	467629	666140	38.30%	3.970%
27	14.474	1947	1953	1967	rBV	130242	301437	17.33%	1.796%
28	14.645	1978	1982	1984	rBV3	2036	2424	0.14%	0.014%
29	14.674	1984	1987	1992	rVB2	13251	15140	0.87%	0.090%
30	15.216	2073	2079	2088	rBV	768925	1101322	63.31%	6.563%
31	15.339	2096	2100	2102	rBV2	4583	6164	0.35%	0.037%
32	15.380	2102	2107	2117	rVV	183073	269976	15.52%	1.609%
33	15.457	2117	2120	2125	rVB	5972	7279	0.42%	0.043%
34	16.251	2250	2255	2260	rVB2	1638	2920	0.17%	0.017%

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35	16.715	2331	2334	2338	rVB	1740	1787	0.10%	0.011%
36	16.974	2372	2378	2386	rVB2	624655	847138	48.70%	5.049%
37	17.074	2389	2395	2403	rVB2	931222	1280613	73.62%	7.632%
38	17.357	2438	2443	2452	rBV	84962	129218	7.43%	0.770%
39	17.445	2457	2458	2462	rVV3	2618	3262	0.19%	0.019%
40	17.639	2489	2491	2495	rBV2	1766	2742	0.16%	0.016%
41	17.780	2514	2515	2520	rBV2	2236	3146	0.18%	0.019%
42	17.868	2525	2530	2542	rBV	163100	245427	14.11%	1.463%
43	18.157	2574	2579	2580	rBV4	3662	4440	0.26%	0.026%
44	18.198	2584	2586	2589	rBV4	2170	2746	0.16%	0.016%
45	18.545	2642	2645	2648	rBV5	3168	4572	0.26%	0.027%
46	18.615	2655	2657	2661	rBV4	2464	2978	0.17%	0.018%
47	18.739	2670	2678	2683	rBV	90517	131628	7.57%	0.784%
48	18.786	2684	2686	2689	rVB3	4192	4960	0.29%	0.030%
49	18.898	2704	2705	2707	rBV2	3458	2600	0.15%	0.015%
50	19.015	2721	2725	2728	rBV	19321	28218	1.62%	0.168%
51	19.051	2728	2731	2736	rVB2	21168	27677	1.59%	0.165%
52	19.162	2745	2750	2759	rBV	94888	143030	8.22%	0.852%
53	19.386	2782	2788	2793	rBV	1328277	1739483	100.00%	10.367%
54	19.504	2806	2808	2812	rVB4	8288	8905	0.51%	0.053%
55	19.909	2872	2877	2882	rBV5	15922	27579	1.59%	0.164%
56	20.415	2960	2963	2967	rVB4	14558	20660	1.19%	0.123%
57	20.886	3039	3043	3052	rBV	165365	221417	12.73%	1.320%
58	21.186	3089	3094	3102	rBV	852363	1064632	61.20%	6.345%
59	21.315	3114	3116	3120	rVB4	31622	26703	1.54%	0.159%
60	21.739	3186	3188	3191	rBV2	39923	37626	2.16%	0.224%
61	22.192	3262	3265	3271	rVB	70426	85994	4.94%	0.512%
62	22.680	3344	3348	3354	rVB2	101945	142835	8.21%	0.851%
63	23.239	3436	3443	3452	rVB	776202	1478732	85.01%	8.813%
64	23.380	3461	3467	3474	rVB	447345	810656	46.60%	4.831%

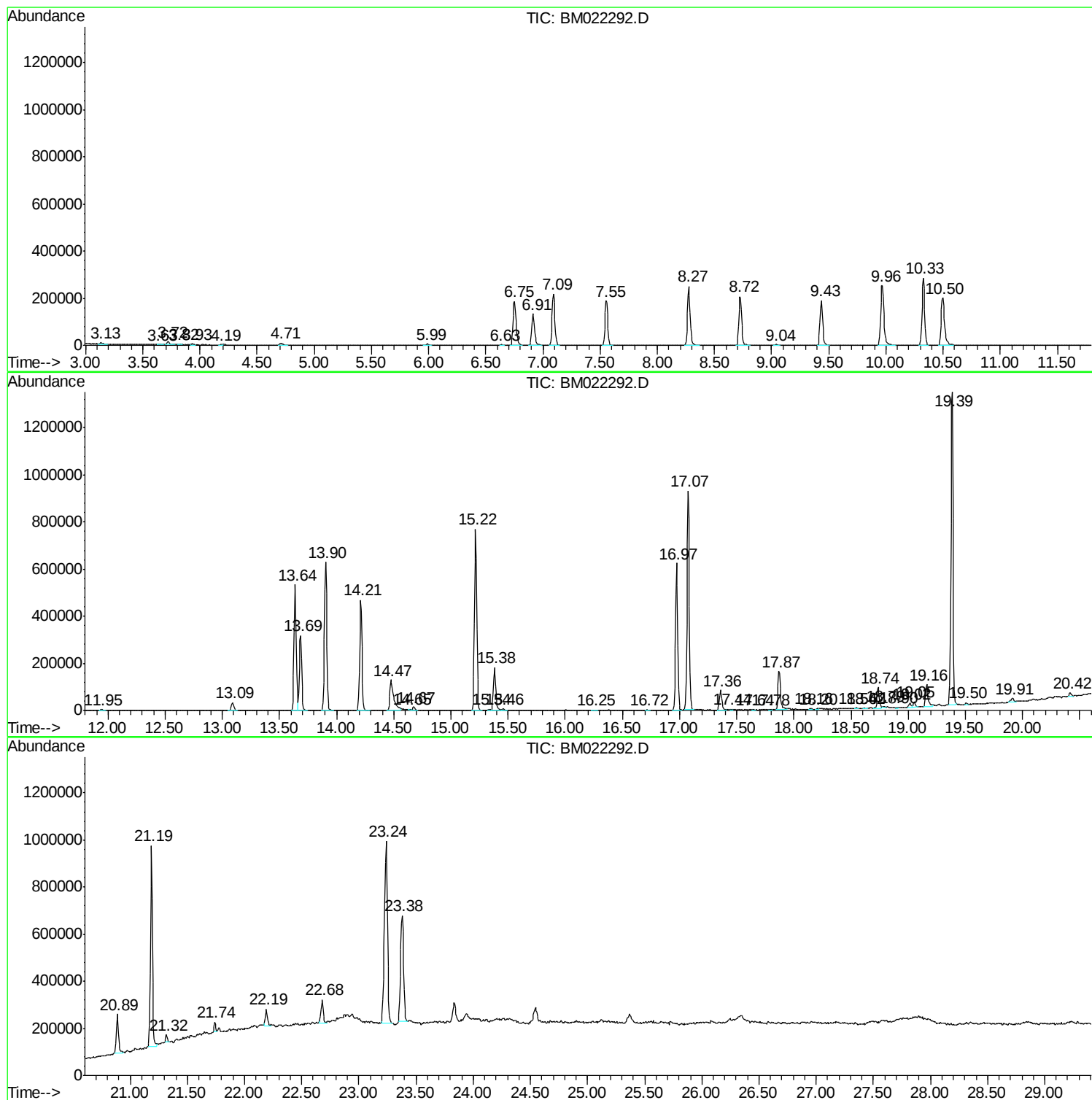
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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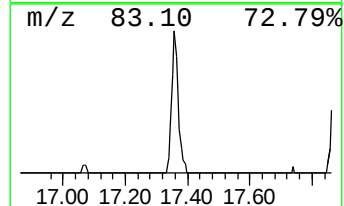
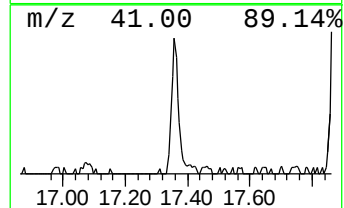
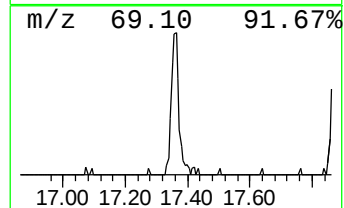
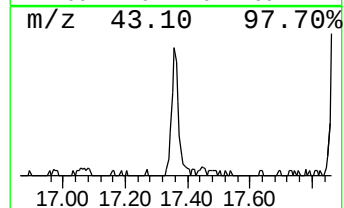
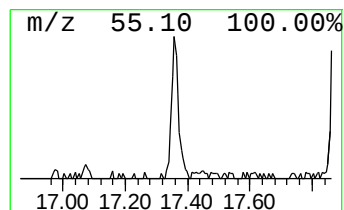
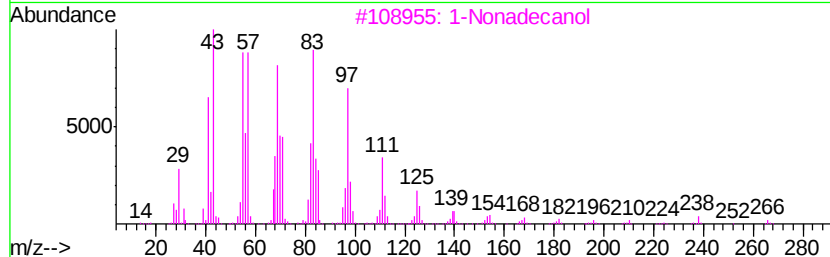
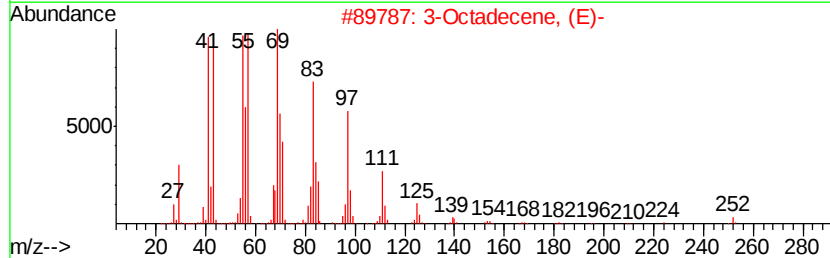
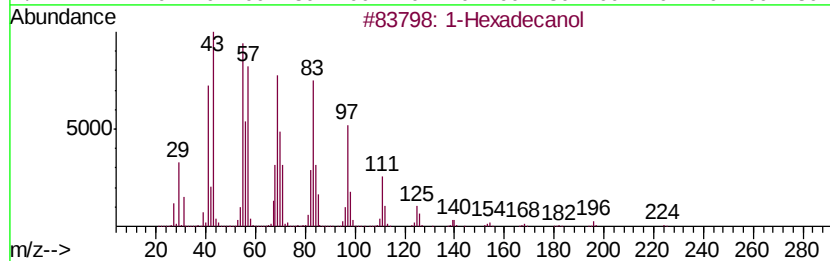
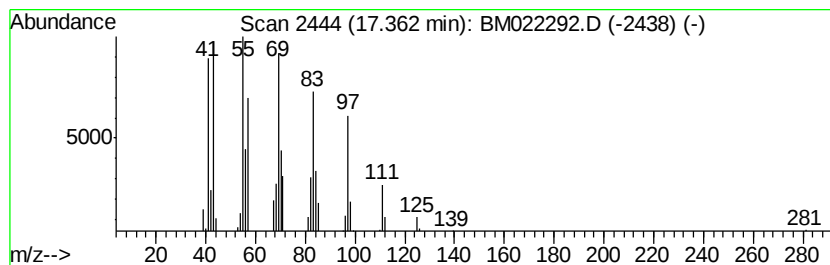
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Hexadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	3.05 ng/ul	129218	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol		242	C16H34O	036653-82-4	95
2	3-Octadecene, (E)-		252	C18H36	007206-19-1	94
3	1-Nonadecanol		284	C19H40O	001454-84-8	94
4	9-Eicosene, (E)-		280	C20H40	074685-29-3	94
5	1-Heptadecanol		256	C17H36O	001454-85-9	91



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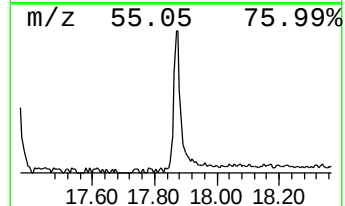
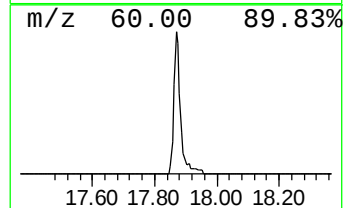
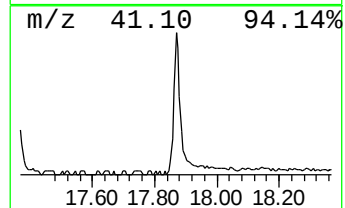
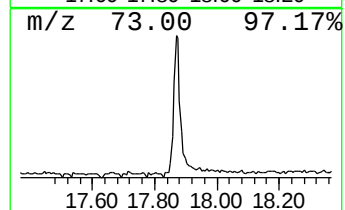
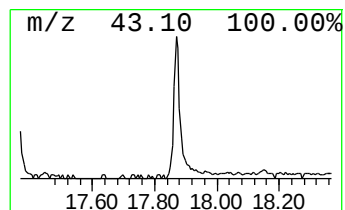
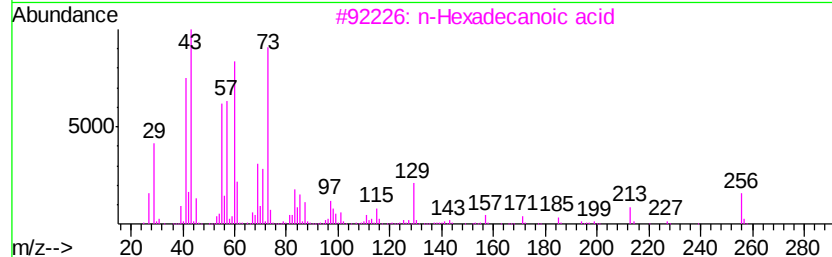
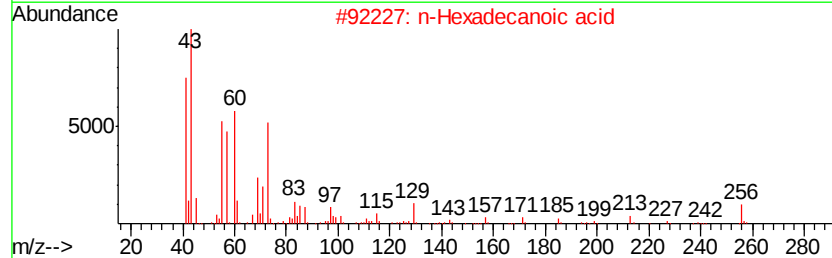
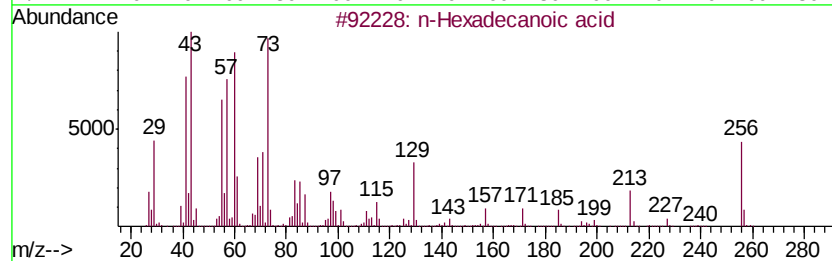
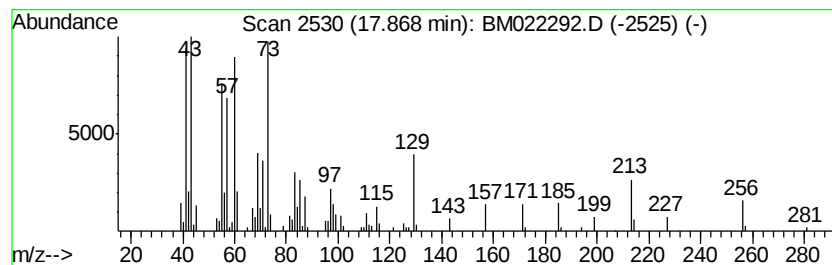
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	5.79 ng/ul	245427	Phenanthrene-d10	16.97		
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	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90	



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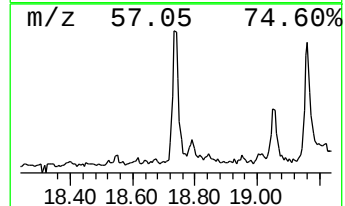
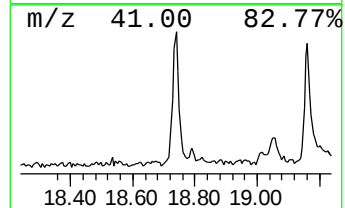
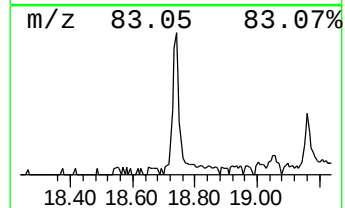
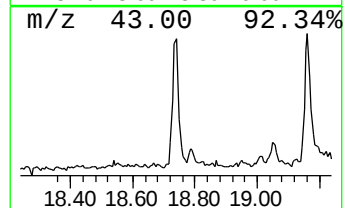
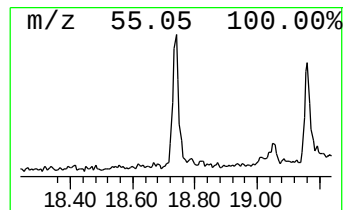
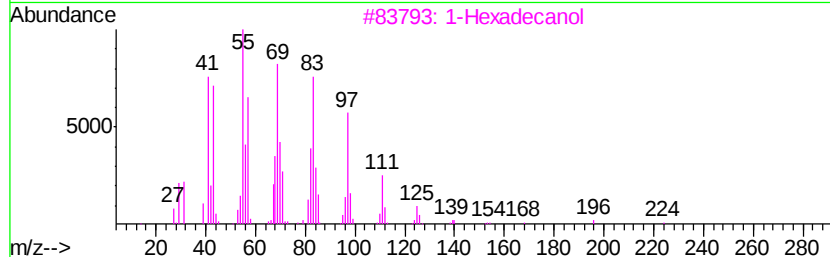
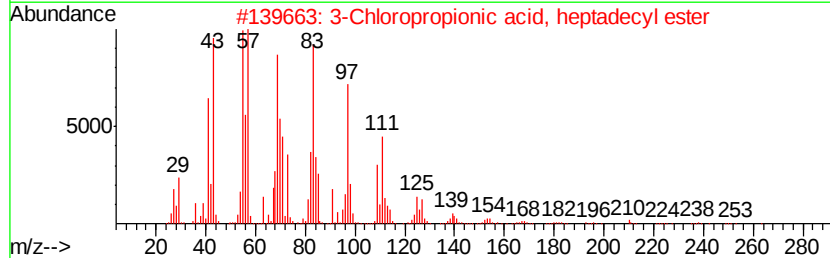
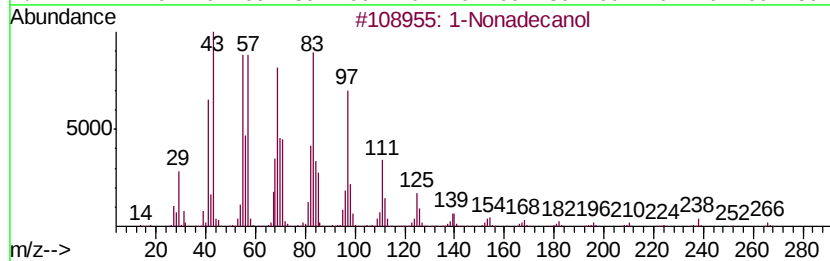
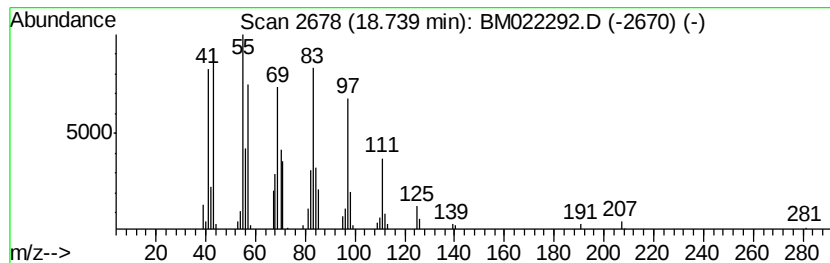
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Nonadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.74	3.11 ng/ul	131628	Phenanthrene-d10	16.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol		284	C19H40O	001454-84-8	95
2	3-Chloropropionic acid, heptadec...		346	C20H39ClO2	1000283-05-1	94
3	1-Hexadecanol		242	C16H34O	036653-82-4	91
4	5-Octadecene, (E)-		252	C18H36	007206-21-5	91
5	1-Nonadecene		266	C19H38	018435-45-5	91



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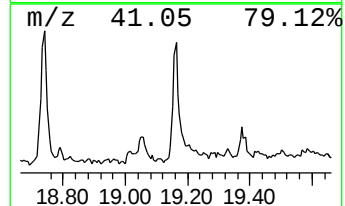
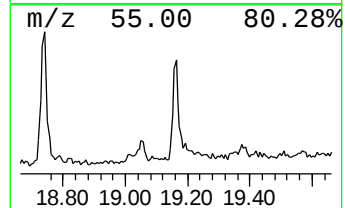
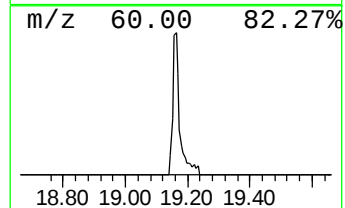
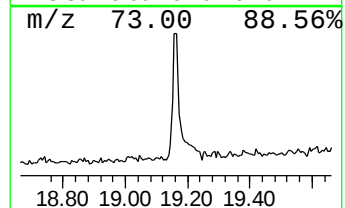
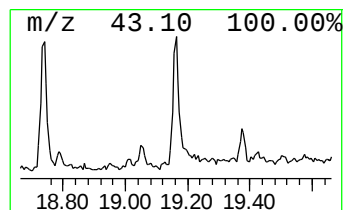
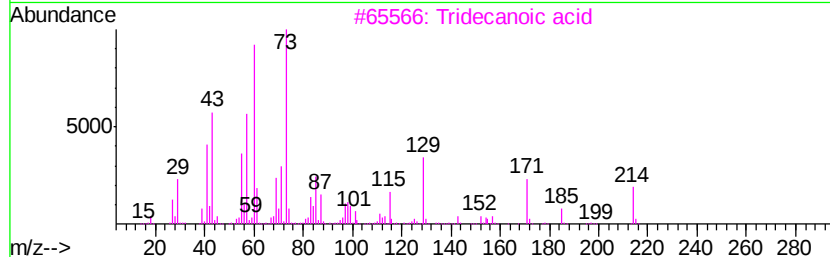
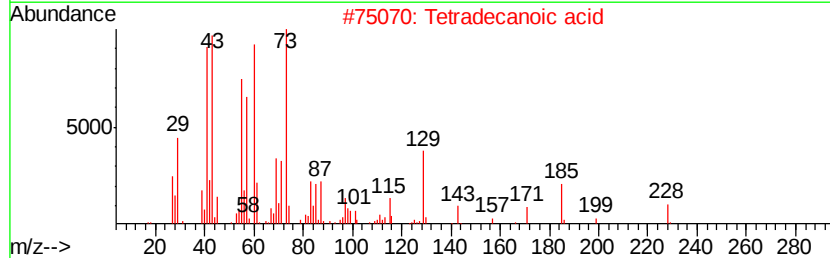
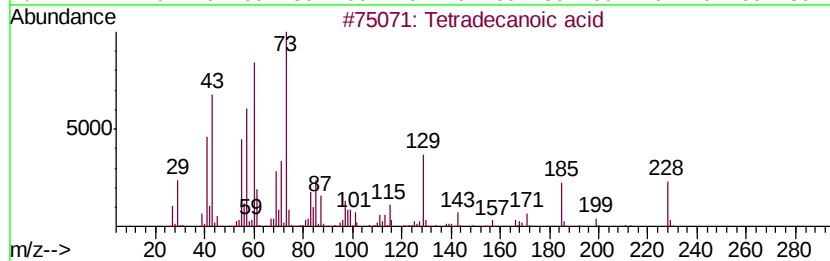
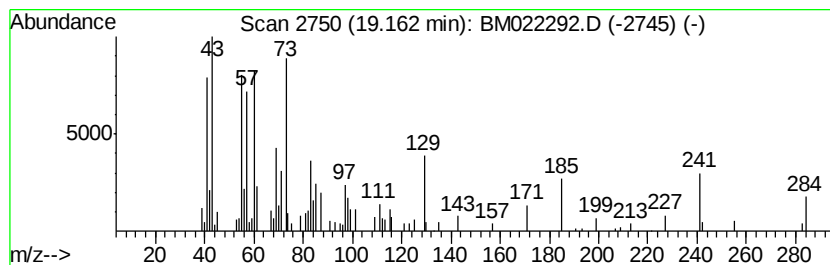
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.69 ng/ul	143030	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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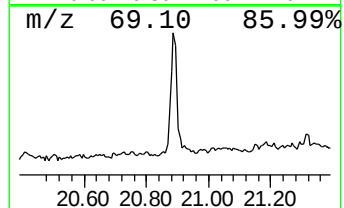
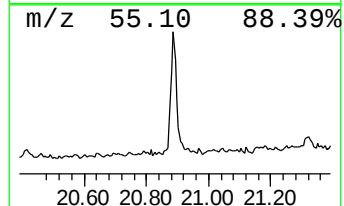
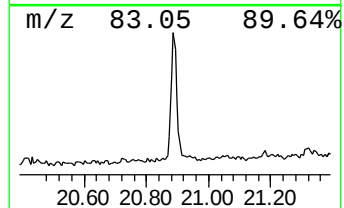
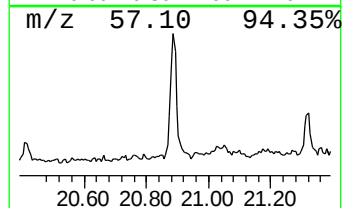
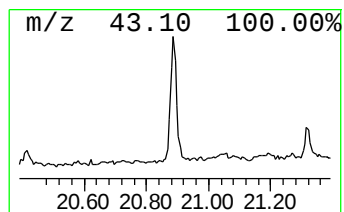
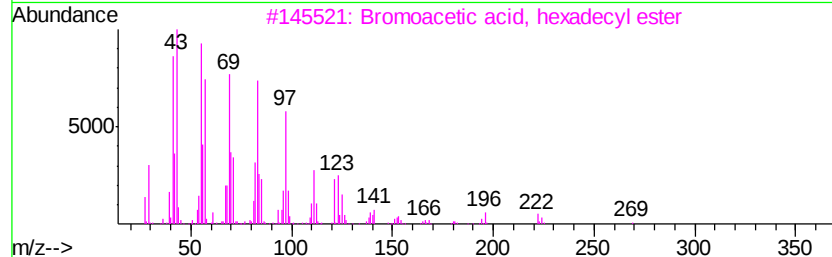
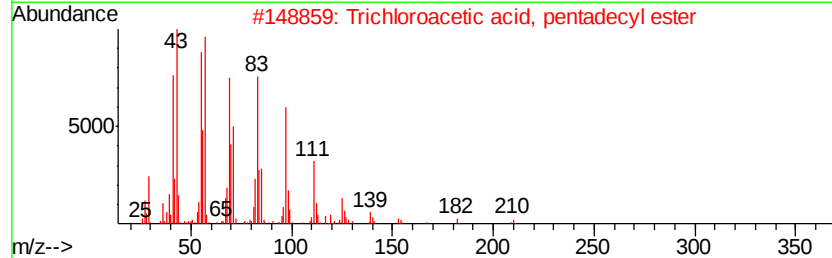
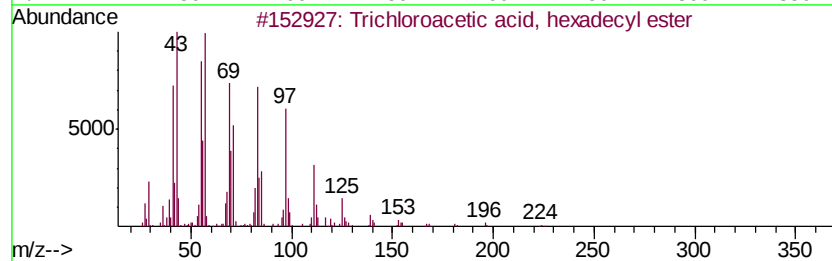
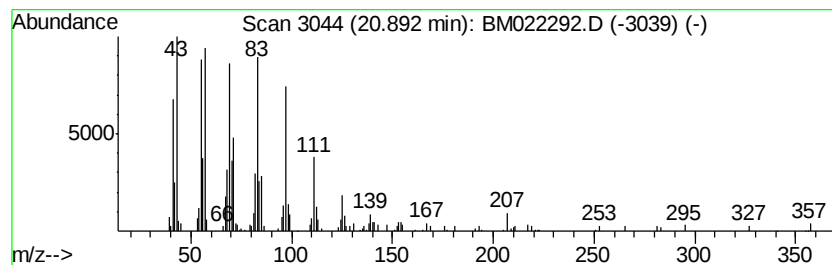
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.16 ng/ul	221417	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4		1-Octadecanol	270	C18H38O	000112-92-5	90
5		1-Octadecanol	270	C18H38O	000112-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022292.D
Acq On : 24 Aug 2019 13:58
Operator : HP/JU
Sample : K4242-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ2

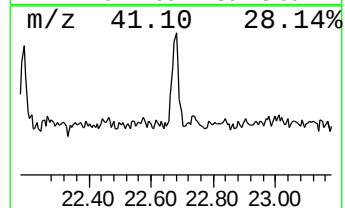
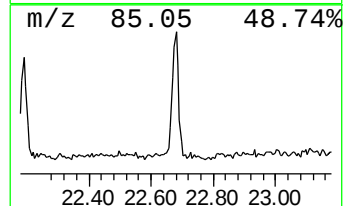
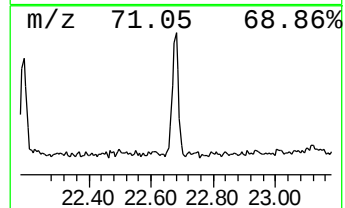
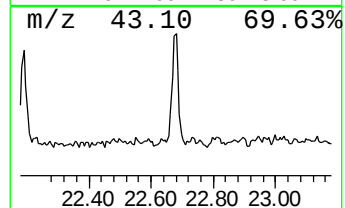
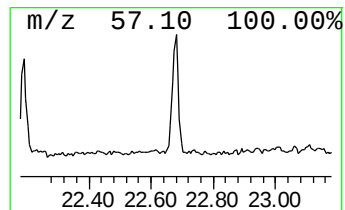
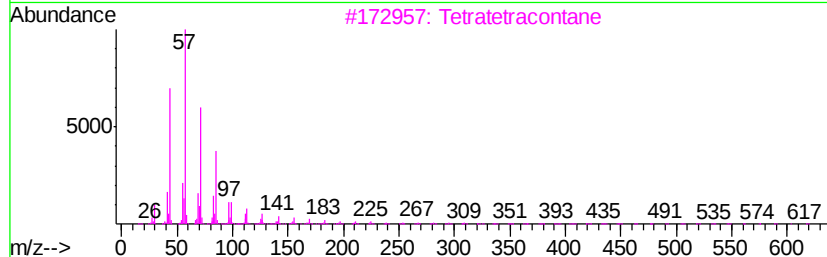
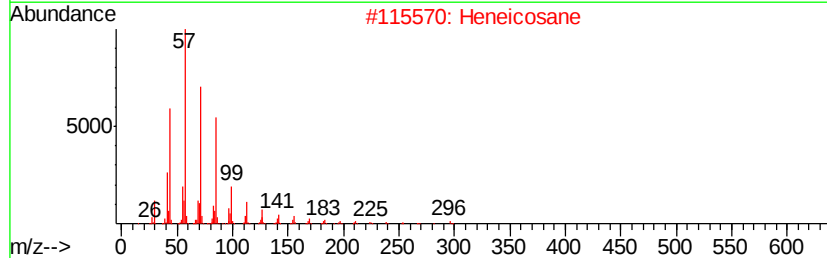
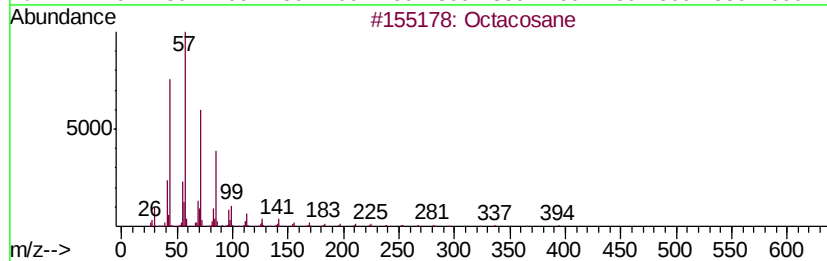
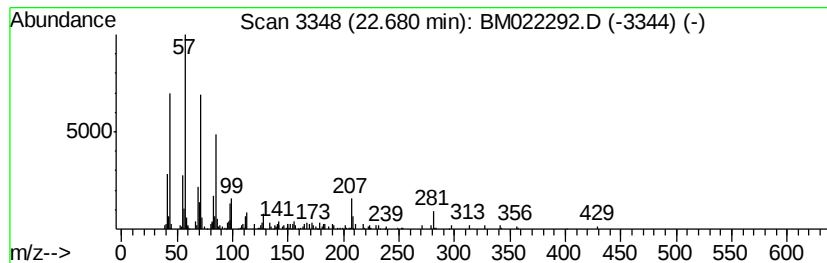
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	3.52 ng/ul	142835	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	74
2		Heneicosane	296	C21H44	000629-94-7	74
3		Tetratetracontane	619	C44H90	007098-22-8	74
4		Tetratetracontane	619	C44H90	007098-22-8	74
5		Nonacosane	408	C29H60	000630-03-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022292.D
Acq On : 24 Aug 2019 13:58
Operator : HP/JU
Sample : K4242-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexadecanol	17.36	3.0	ng/ul	129218	4	16.97	847138	20.0
n-Hexadecanoic acid	17.87	5.8	ng/ul	245427	4	16.97	847138	20.0
1-Nonadecanol	18.74	3.1	ng/ul	131628	4	16.97	847138	20.0
Tetradecanoic acid	19.16	2.7	ng/ul	143030	5	21.19	1064630	20.0
Trichloroacetic a...	20.89	4.2	ng/ul	221417	5	21.19	1064630	20.0
(DEL) Alkane: Str...	22.68	3.5	ng/ul	142835	6	23.38	810656	20.0