

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019634.D
 Acq On : 31 Mar 2019 00:07
 Operator : JU/SJ
 Sample : K2068-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC97

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-BM032219MA.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	3.122	20	23	35	rVB	31734	58168	1.62%	0.170%
2	3.628	106	109	116	rBV2	11356	17587	0.49%	0.051%
3	3.722	119	125	132	rVB	19553	35410	0.98%	0.103%
4	4.369	232	235	244	rVB5	6113	11243	0.31%	0.033%
5	4.716	290	294	299	rBV	17822	26264	0.73%	0.077%
6	4.763	299	302	315	rVB6	6630	17410	0.48%	0.051%
7	6.757	635	641	661	rBV	283484	623562	17.32%	1.822%
8	6.928	665	670	693	rVV	230836	451361	12.54%	1.318%
9	7.104	694	700	717	rVB	335116	595326	16.54%	1.739%
10	7.569	773	779	788	rBV	504593	853924	23.72%	2.494%
11	7.640	788	791	797	rVV2	10862	19900	0.55%	0.058%
12	8.287	894	901	919	rBV	330491	659819	18.33%	1.927%
13	8.422	919	924	932	rVB2	15037	28385	0.79%	0.083%
14	8.746	972	979	992	rBV	304046	542456	15.07%	1.585%
15	9.075	1029	1035	1039	rBV	7491	11326	0.31%	0.033%
16	9.457	1093	1100	1113	rBV	243097	453418	12.59%	1.324%
17	9.993	1185	1191	1207	rBV	310158	674162	18.73%	1.969%
18	10.351	1245	1252	1266	rBV	779308	1295836	35.99%	3.785%
19	10.522	1275	1281	1305	rBV	213333	559787	15.55%	1.635%
20	11.975	1523	1528	1531	rBV3	3678	6587	0.18%	0.019%
21	13.651	1808	1813	1818	rBV	738063	1069619	29.71%	3.124%
22	13.704	1818	1822	1833	rVB	165139	255606	7.10%	0.747%
23	13.928	1853	1860	1877	rVB	829292	1264247	35.12%	3.693%
24	14.116	1888	1892	1895	rBV4	4199	5438	0.15%	0.016%
25	14.233	1906	1912	1921	rBV2	1134303	1740943	48.36%	5.086%
26	14.492	1950	1956	1980	rBV2	109029	384381	10.68%	1.123%
27	14.657	1980	1984	1997	rVV	40269	84093	2.34%	0.246%
28	14.739	1997	1998	2003	rVB3	4091	4108	0.11%	0.012%
29	15.080	2051	2056	2059	rBV4	4396	6816	0.19%	0.020%
30	15.233	2076	2082	2092	rBV	1163731	1691554	46.98%	4.941%
31	15.386	2102	2108	2119	rBV	208876	344752	9.58%	1.007%
32	15.480	2119	2124	2128	rVB3	12420	19525	0.54%	0.057%
33	15.945	2198	2203	2210	rBV4	4775	10194	0.28%	0.030%
34	16.022	2213	2216	2220	rVB2	2968	3979	0.11%	0.012%

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35	16.133	2232	2235	2239	rVB3	2617	3635	0.10%	0.011%
36	16.404	2275	2281	2286	rBV3	5723	10003	0.28%	0.029%
37	16.551	2301	2306	2308	rBV3	2996	4170	0.12%	0.012%
38	16.739	2334	2338	2340	rBV2	4005	4340	0.12%	0.013%
39	16.780	2340	2345	2351	rVB4	6463	11622	0.32%	0.034%
40	16.992	2375	2381	2392	rBV	1590350	2142521	59.51%	6.259%
41	17.092	2392	2398	2409	rBV	1268443	1767937	49.11%	5.164%
42	17.280	2427	2430	2435	rVB6	3487	5151	0.14%	0.015%
43	17.374	2444	2446	2453	rVB5	5219	8910	0.25%	0.026%
44	17.474	2460	2463	2466	rVB2	5465	5287	0.15%	0.015%
45	17.769	2509	2513	2515	rBV3	2895	3615	0.10%	0.011%
46	17.816	2519	2521	2526	rVB4	2901	4016	0.11%	0.012%
47	17.886	2528	2533	2543	rBV	193720	324717	9.02%	0.949%
48	18.168	2579	2581	2585	rBV4	8514	9289	0.26%	0.027%
49	18.257	2594	2596	2600	rBV5	3599	5045	0.14%	0.015%
50	18.304	2600	2604	2606	rVB5	3315	4219	0.12%	0.012%
51	18.480	2629	2634	2637	rBV5	3279	6312	0.18%	0.018%
52	18.568	2645	2649	2652	rBV6	3424	5510	0.15%	0.016%
53	18.680	2666	2668	2673	rVB4	3962	5535	0.15%	0.016%
54	18.751	2678	2680	2683	rVV3	6809	7250	0.20%	0.021%
55	18.810	2687	2690	2695	rVB3	6862	8042	0.22%	0.023%
56	19.033	2724	2728	2738	rBV3	21833	41471	1.15%	0.121%
57	19.174	2748	2752	2759	rBV2	91620	139096	3.86%	0.406%
58	19.286	2768	2771	2774	rBV	10778	13099	0.36%	0.038%
59	19.398	2785	2790	2801	rBV2	1670254	2200639	61.12%	6.428%
60	19.774	2851	2854	2857	rBV4	10302	13808	0.38%	0.040%
61	19.910	2875	2877	2880	rBV4	11079	16360	0.45%	0.048%
62	20.433	2963	2966	2969	rBV2	31875	33761	0.94%	0.099%
63	20.898	3041	3045	3056	rBV	469911	620159	17.23%	1.812%
64	21.198	3091	3096	3110	rBV	2543312	3207334	89.09%	9.369%
65	21.333	3116	3119	3123	rBV2	103729	123010	3.42%	0.359%
66	21.756	3188	3191	3194	rBV	185292	205135	5.70%	0.599%
67	22.209	3264	3268	3274	rBV	316874	407105	11.31%	1.189%
68	22.698	3347	3351	3356	rVB	377645	542116	15.06%	1.584%
69	23.256	3440	3446	3457	rBV3	1886315	3508541	97.45%	10.249%
70	23.398	3464	3470	3485	rVB	1936699	3600259	100.00%	10.517%
71	23.874	3546	3551	3560	rVB	390373	731618	20.32%	2.137%

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72	24.597	3669	3674	3681	rVB	315047	655524	18.21%	1.915%
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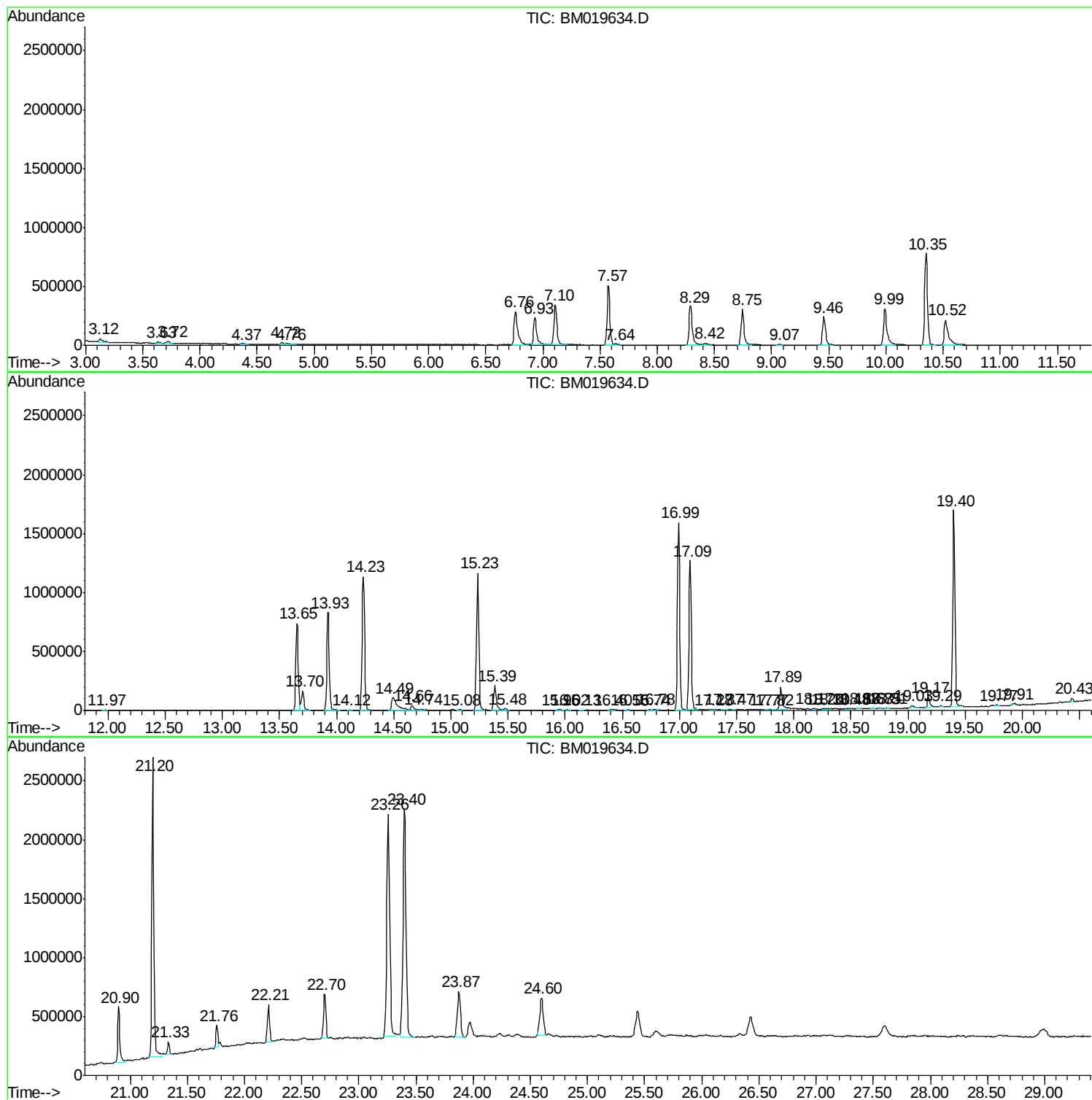
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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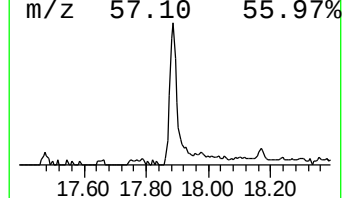
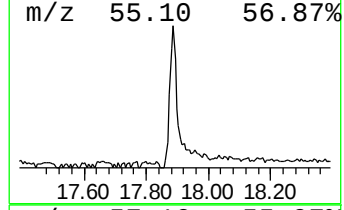
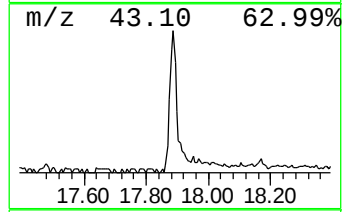
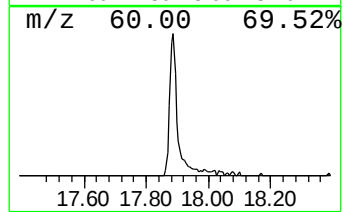
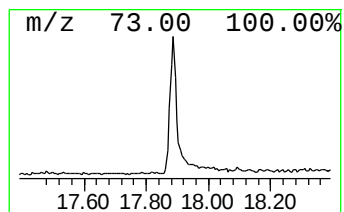
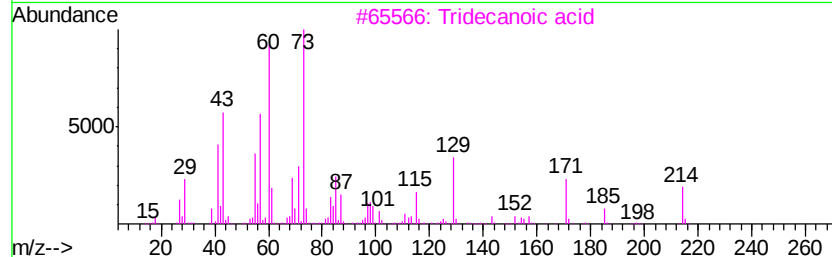
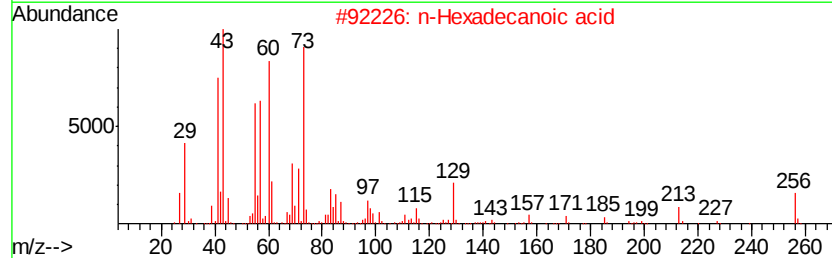
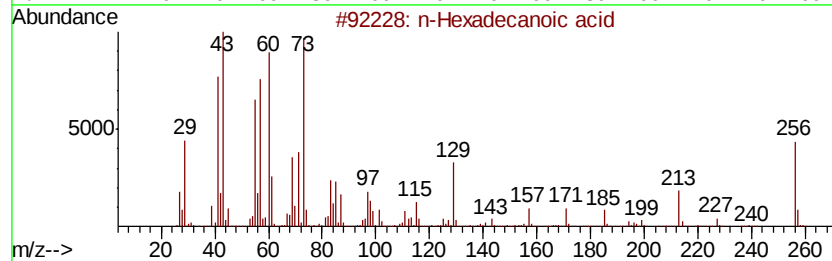
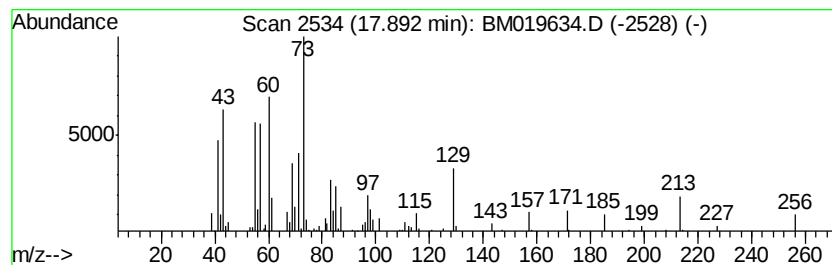
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	3.03 ng/ul	324717	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	



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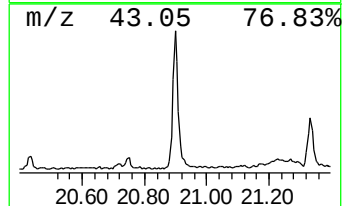
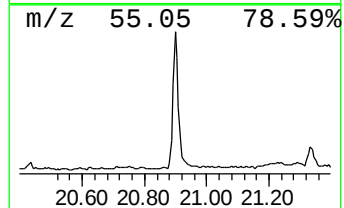
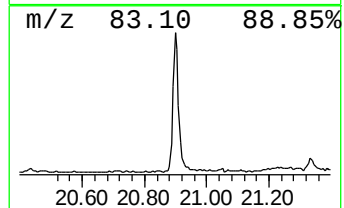
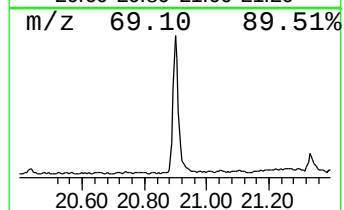
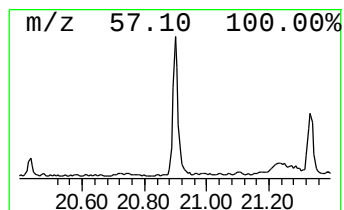
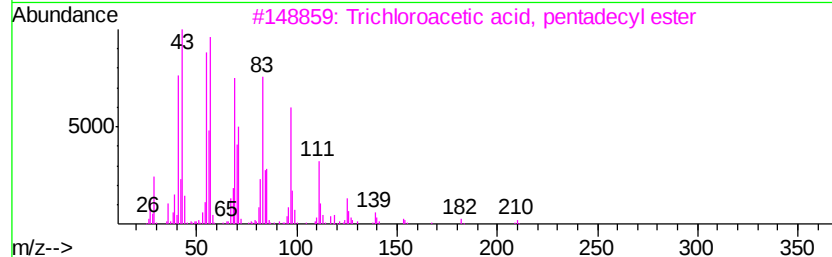
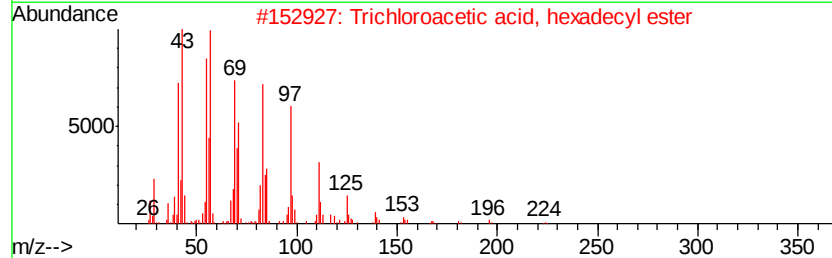
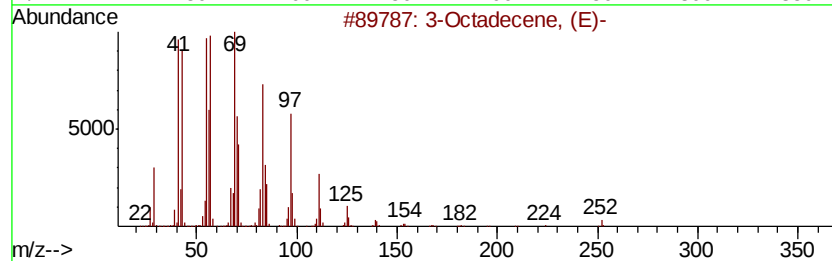
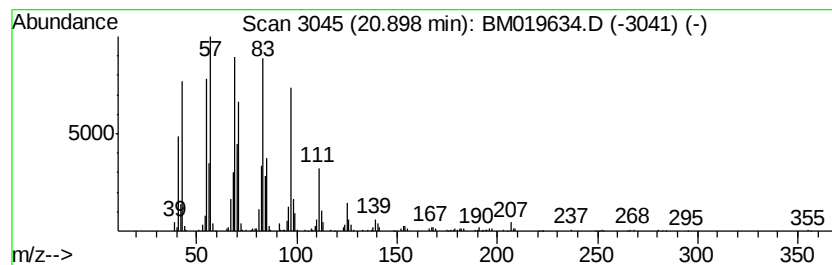
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.90	3.87 ng/ul	620159	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-		252	C18H36	007206-19-1	95
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	91
4	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
5	11-Tricosene		322	C23H46	052078-56-5	90



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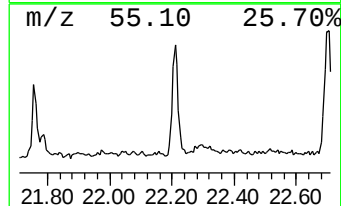
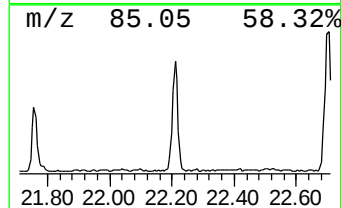
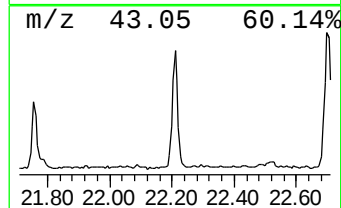
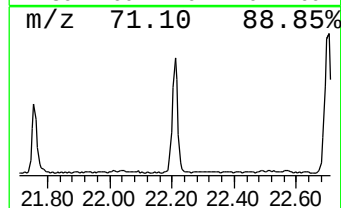
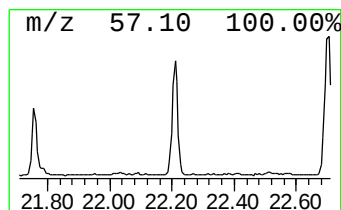
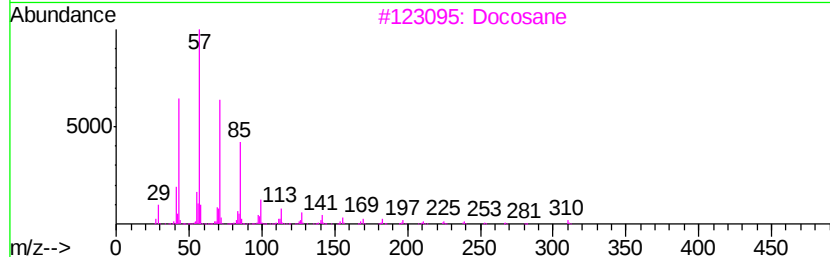
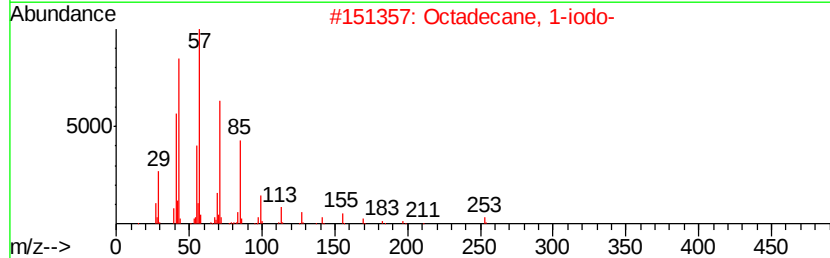
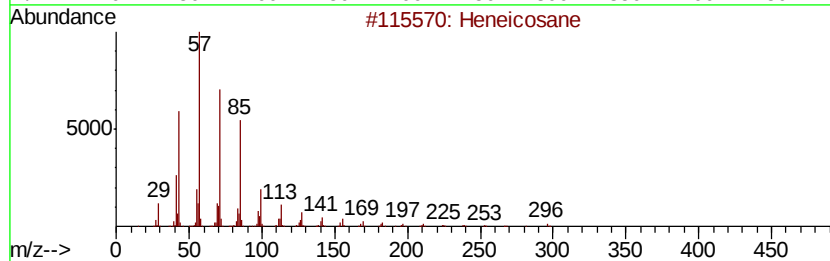
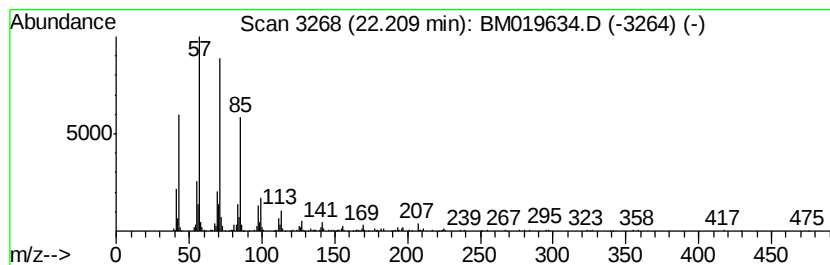
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.54 ng/ul	407105	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3		Docosane	310	C22H46	000629-97-0	86
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5		Heptadecane	240	C17H36	000629-78-7	86



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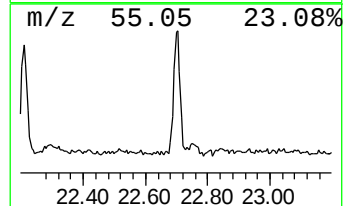
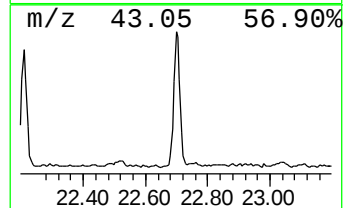
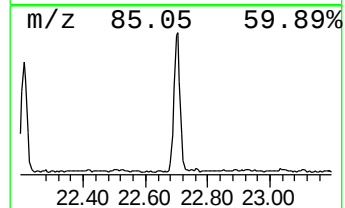
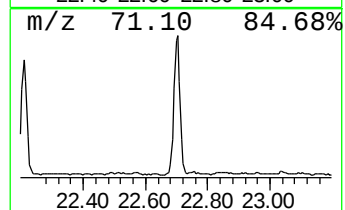
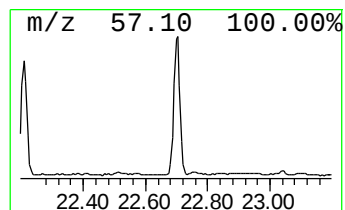
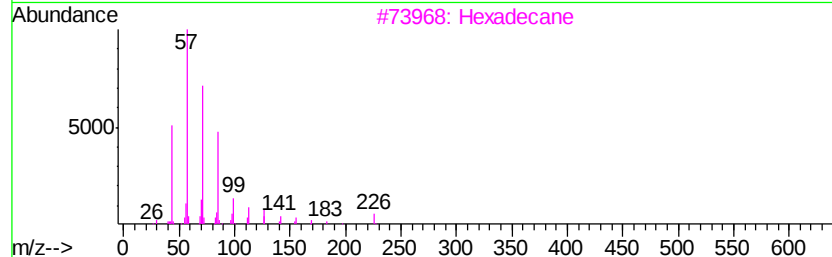
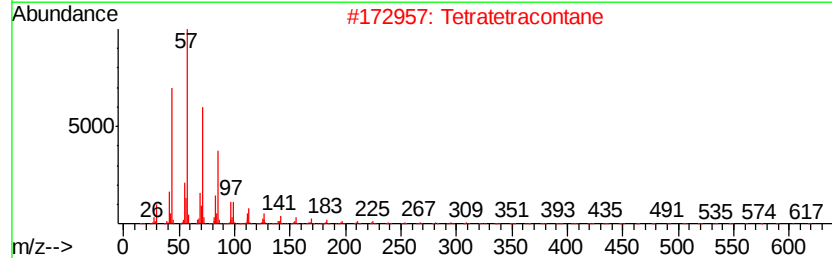
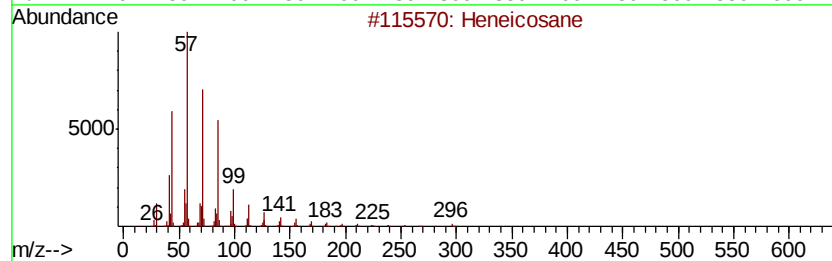
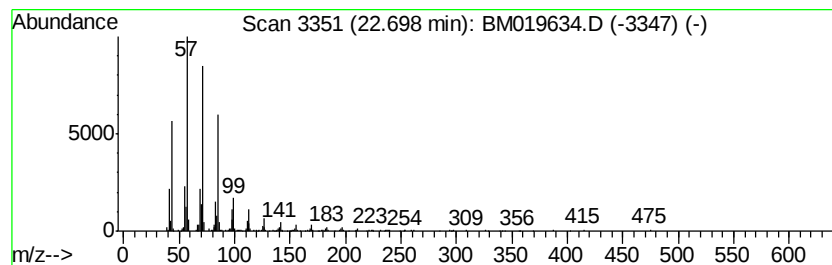
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.01 ng/ul	542116	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019634.D
Acq On : 31 Mar 2019 00:07
Operator : JU/SJ
Sample : K2068-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC97

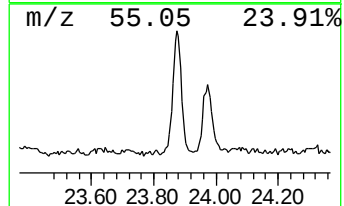
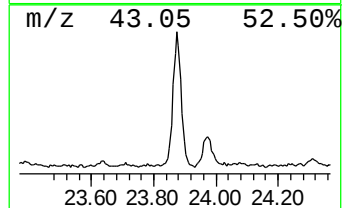
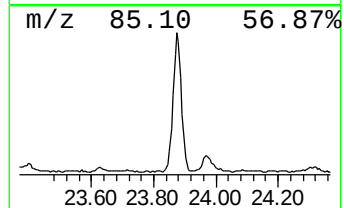
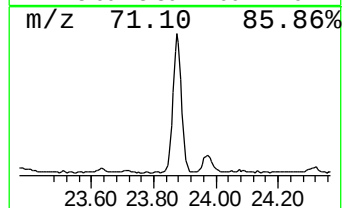
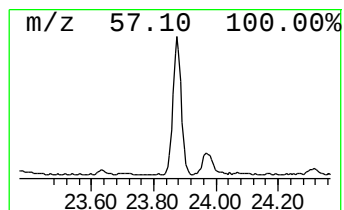
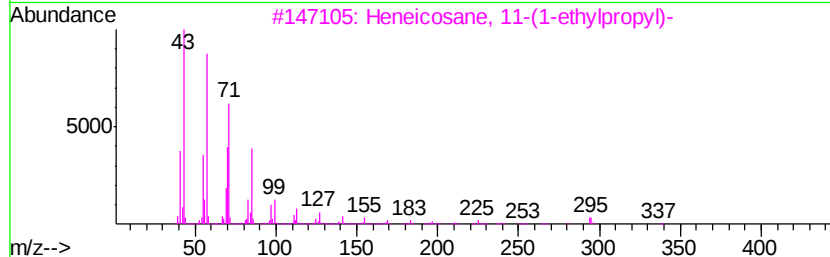
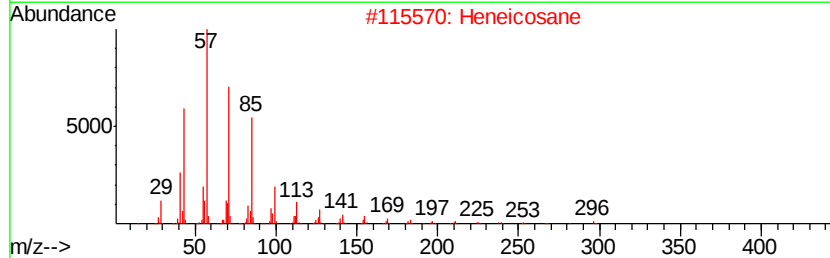
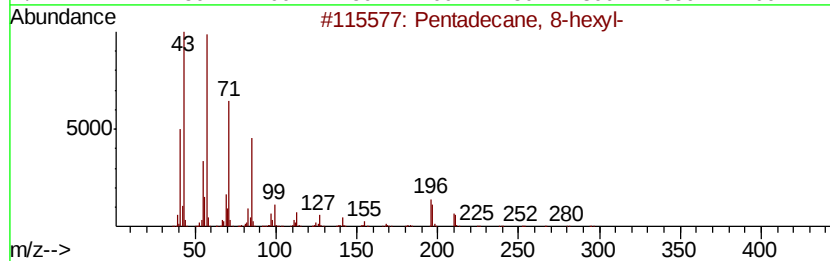
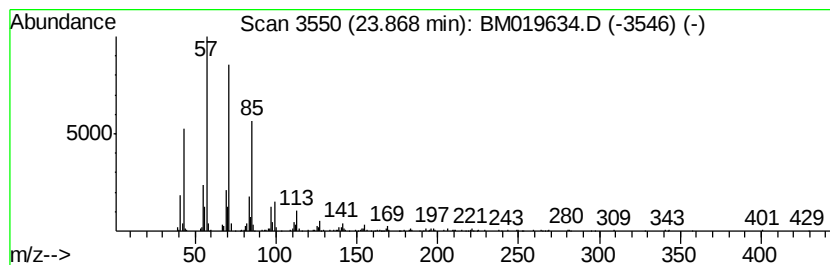
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.06 ng/ul	731618	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019634.D
Acq On : 31 Mar 2019 00:07
Operator : JU/SJ
Sample : K2068-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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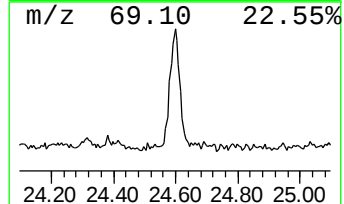
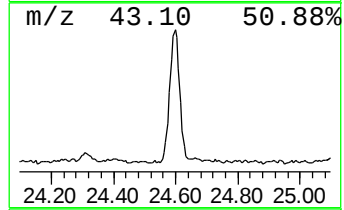
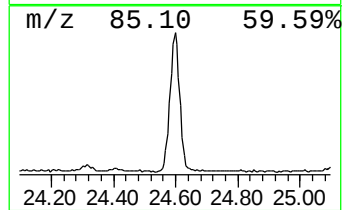
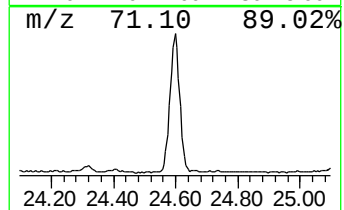
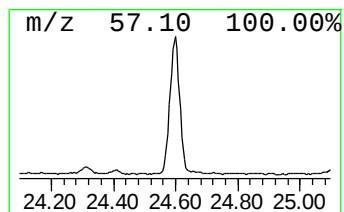
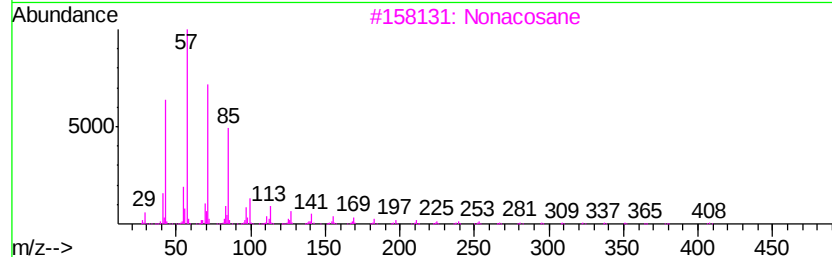
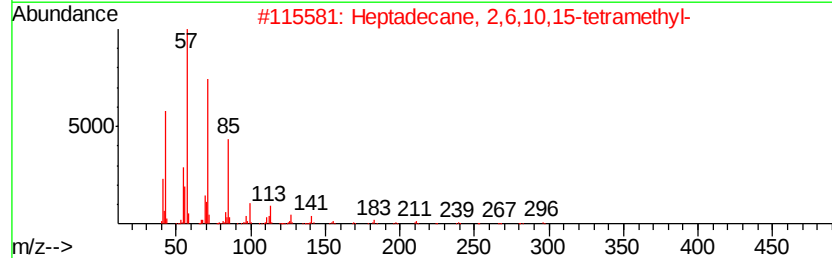
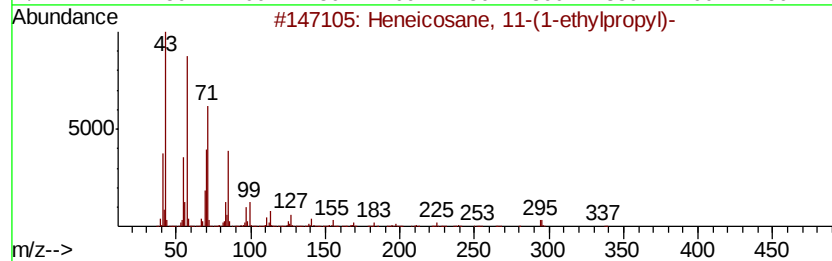
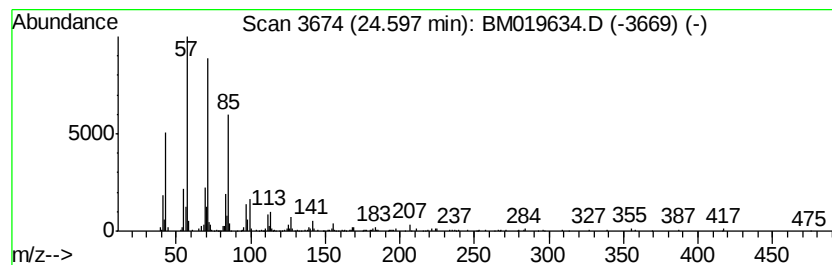
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.64 ng/ul	655524	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Octacosane	394	C28H58	000630-02-4	83
5		Hexatriacontane	507	C36H74	000630-06-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019634.D
Acq On : 31 Mar 2019 00:07
Operator : JU/SJ
Sample : K2068-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC97

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
n-Hexadecanoic acid	17.89	3.0	ng/ul	324717	4	16.99	2142520	20.0
(DEL) Alkane: Cyc...	20.90	3.9	ng/ul	620159	5	21.20	3207330	20.0
(DEL) Alkane: Str...	22.21	2.5	ng/ul	407105	5	21.20	3207330	20.0
(DEL) Alkane: Str...	22.70	3.0	ng/ul	542116	6	23.40	3600260	20.0
(DEL) Alkane: Str...	23.87	4.1	ng/ul	731618	6	23.40	3600260	20.0
(DEL) Alkane: Str...	24.60	3.6	ng/ul	655524	6	23.40	3600260	20.0