

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019801.D
 Acq On : 08 Apr 2019 18:59
 Operator : JU/SJ
 Sample : K2218-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF632

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	3.116	19	22	29	rBV	22411	36693	1.42%	0.122%
2	3.522	89	91	98	rVB3	8425	13425	0.52%	0.045%
3	3.622	103	108	114	rBV	29609	48707	1.88%	0.162%
4	3.687	117	119	120	rBV2	3966	2607	0.10%	0.009%
5	4.363	231	234	238	rBV4	2413	3609	0.14%	0.012%
6	4.705	289	292	298	rVB3	4489	7941	0.31%	0.026%
7	6.751	634	640	657	rBV	193711	441399	17.03%	1.471%
8	6.916	662	668	687	rBV	193741	383428	14.79%	1.278%
9	7.093	692	698	711	rBV	288837	491714	18.97%	1.639%
10	7.557	771	777	787	rBV	445762	733830	28.31%	2.446%
11	8.287	895	901	913	rBV	101817	213971	8.25%	0.713%
12	8.416	920	923	928	rVB6	2379	3777	0.15%	0.013%
13	8.604	950	955	956	rBV2	1412	2684	0.10%	0.009%
14	8.734	970	977	991	rBV	258231	497488	19.19%	1.658%
15	9.045	1027	1030	1036	rVB	11275	15779	0.61%	0.053%
16	9.445	1091	1098	1116	rBV	203739	398508	15.37%	1.328%
17	9.981	1183	1189	1211	rBV	227904	568121	21.92%	1.894%
18	10.334	1242	1249	1264	rBV	710077	1201363	46.35%	4.004%
19	10.528	1276	1282	1294	rBV2	59440	178218	6.88%	0.594%
20	11.957	1521	1525	1529	rBV2	2860	5532	0.21%	0.018%
21	13.016	1702	1705	1707	rBV	2998	3221	0.12%	0.011%
22	13.092	1711	1718	1727	rBV	53200	84347	3.25%	0.281%
23	13.639	1805	1811	1816	rBV	576197	846371	32.65%	2.821%
24	13.692	1816	1820	1833	rVB	128849	212983	8.22%	0.710%
25	13.910	1849	1857	1875	rBV	831897	1210070	46.68%	4.033%
26	14.104	1886	1890	1892	rBV3	3223	3300	0.13%	0.011%
27	14.222	1903	1910	1921	rBV2	1020228	1649434	63.63%	5.498%
28	14.510	1953	1959	1978	rBV2	49838	187503	7.23%	0.625%
29	14.651	1978	1983	1995	rVB	129247	201631	7.78%	0.672%
30	15.004	2039	2043	2049	rBV2	3238	6061	0.23%	0.020%
31	15.063	2049	2053	2057	rVV4	5202	7160	0.28%	0.024%
32	15.221	2074	2080	2089	rBV	1106376	1650576	63.68%	5.501%
33	15.292	2089	2092	2096	rVV2	12910	16615	0.64%	0.055%
34	15.333	2096	2099	2102	rVV4	5632	7873	0.30%	0.026%

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35	15.380	2102	2107	2115	rVV	105365	182558	7.04%	0.608%
36	15.463	2118	2121	2126	rVB3	10292	15524	0.60%	0.052%
37	15.621	2145	2148	2153	rVB4	2784	3986	0.15%	0.013%
38	15.792	2172	2177	2178	rBV2	1991	3309	0.13%	0.011%
39	15.933	2196	2201	2205	rVB3	4067	7625	0.29%	0.025%
40	16.010	2210	2214	2219	rVB3	4044	5598	0.22%	0.019%
41	16.174	2239	2242	2245	rVB3	2693	2946	0.11%	0.010%
42	16.380	2273	2277	2283	rBV2	39755	65246	2.52%	0.217%
43	16.527	2299	2302	2306	rVB2	19628	27706	1.07%	0.092%
44	16.727	2331	2336	2338	rVV2	4645	7274	0.28%	0.024%
45	16.768	2338	2343	2346	rVV3	5822	11030	0.43%	0.037%
46	16.792	2346	2347	2350	rVB2	3795	2710	0.10%	0.009%
47	16.886	2358	2363	2368	rBV5	4492	8141	0.31%	0.027%
48	16.980	2373	2379	2389	rVV	1496462	2054214	79.25%	6.847%
49	17.080	2389	2396	2407	rBV	1235720	1762851	68.01%	5.876%
50	17.268	2424	2428	2433	rVB7	4398	6843	0.26%	0.023%
51	17.363	2440	2444	2452	rVB7	18570	37262	1.44%	0.124%
52	17.457	2455	2460	2463	rBV3	8407	10094	0.39%	0.034%
53	17.521	2469	2471	2475	rVB5	3141	3726	0.14%	0.012%
54	17.610	2485	2486	2488	rBV2	3232	3161	0.12%	0.011%
55	17.645	2490	2492	2495	rVB3	3364	3828	0.15%	0.013%
56	17.751	2506	2510	2513	rVV4	2683	5590	0.22%	0.019%
57	17.810	2518	2520	2525	rVB3	3963	3917	0.15%	0.013%
58	17.874	2525	2531	2551	rBV	344899	599641	23.13%	1.999%
59	18.157	2574	2579	2582	rBV3	15672	24786	0.96%	0.083%
60	18.304	2601	2604	2607	rVB4	3350	4571	0.18%	0.015%
61	18.339	2607	2610	2613	rBV5	4930	7481	0.29%	0.025%
62	18.398	2617	2620	2627	rBV8	6415	12439	0.48%	0.041%
63	18.739	2673	2678	2686	rBV	270196	422445	16.30%	1.408%
64	18.798	2686	2688	2692	rVB2	18607	19164	0.74%	0.064%
65	18.945	2710	2713	2715	rBV4	8619	7948	0.31%	0.026%
66	19.021	2722	2726	2728	rBV3	31021	40342	1.56%	0.134%
67	19.062	2729	2733	2737	rVB2	51055	67992	2.62%	0.227%
68	19.168	2746	2751	2765	rBV	283265	495742	19.12%	1.652%
69	19.392	2783	2789	2797	rBV	1534880	2191717	84.55%	7.305%
70	19.509	2807	2809	2814	rVB6	14777	18332	0.71%	0.061%
71	19.727	2843	2846	2850	rBV6	16549	17925	0.69%	0.060%

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72	19.762	2850	2852	2858	rVB6	18393	24502	0.95%	0.082%
73	19.921	2872	2879	2885	rBV5	72201	148955	5.75%	0.496%
74	20.268	2931	2938	2940	rBV6	23585	49755	1.92%	0.166%
75	20.421	2960	2964	2968	rBV3	64047	81586	3.15%	0.272%
76	20.892	3040	3044	3055	rVB	516252	784595	30.27%	2.615%
77	21.192	3090	3095	3104	rBV	2141688	2592171	100.00%	8.640%
78	21.327	3114	3118	3121	rBV	164538	183166	7.07%	0.610%
79	21.750	3186	3190	3193	rBV	260408	295835	11.41%	0.986%
80	22.197	3263	3266	3272	rVB	348177	431825	16.66%	1.439%
81	22.692	3345	3350	3356	rVB	461591	618082	23.84%	2.060%
82	23.250	3438	3445	3453	rVB3	1058650	2219541	85.62%	7.398%
83	23.392	3463	3469	3480	rBV	1128591	2093744	80.77%	6.978%
84	23.856	3543	3548	3558	rBV	346887	648464	25.02%	2.161%
85	24.574	3668	3670	3679	rVB3	192113	329187	12.70%	1.097%

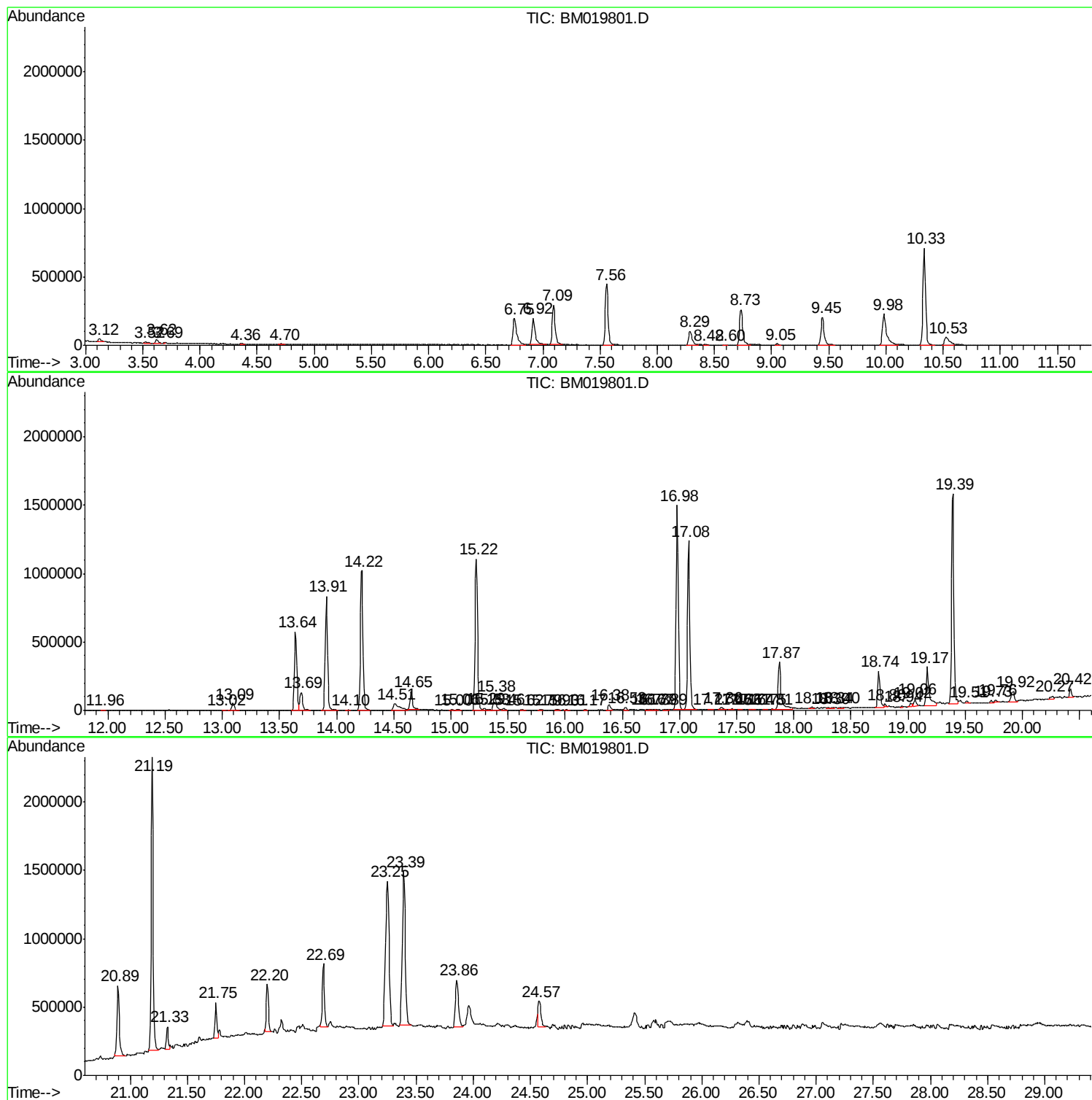
Sum of corrected areas: 30003011

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



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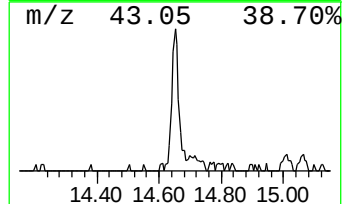
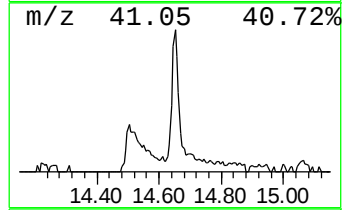
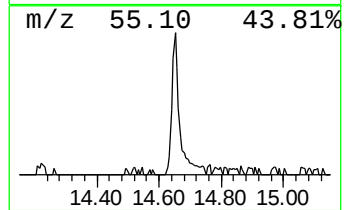
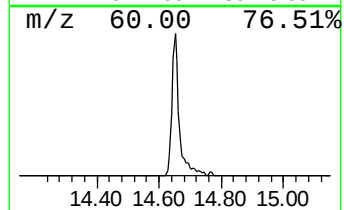
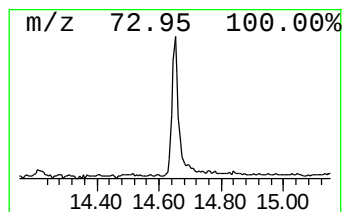
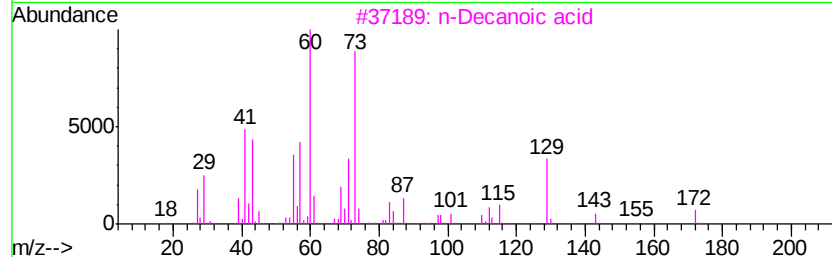
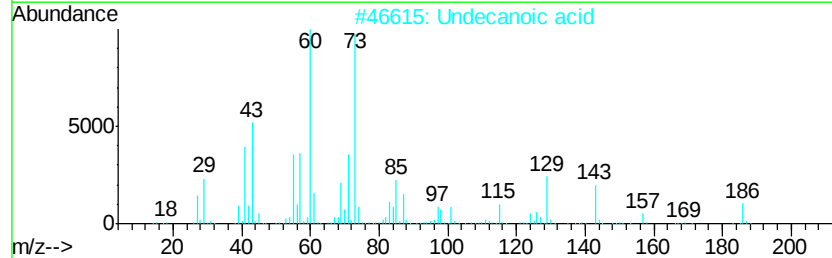
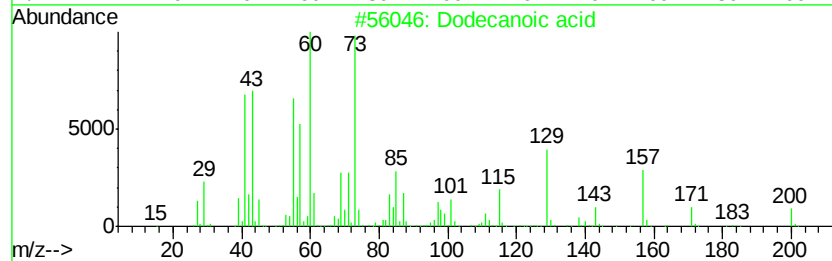
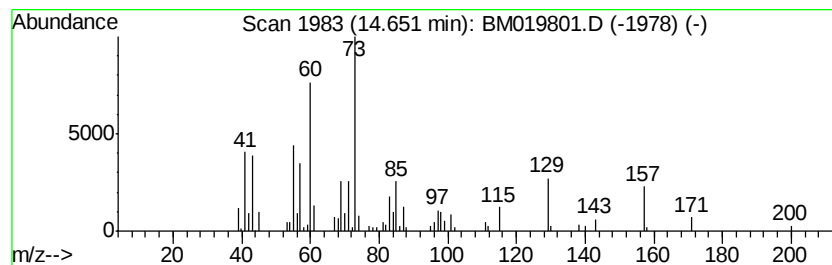
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.44 ng/ul	201631	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	83
2	Undecanoic acid	186 C11H22O2	000112-37-8	72
3	n-Decanoic acid	172 C10H20O2	000334-48-5	59
4	n-Decanoic acid	172 C10H20O2	000334-48-5	50
5	n-Decanoic acid	172 C10H20O2	000334-48-5	50



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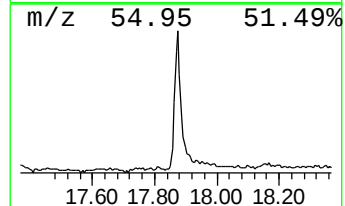
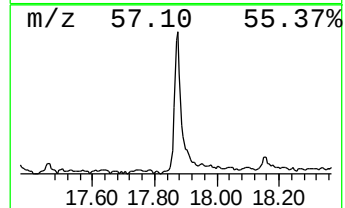
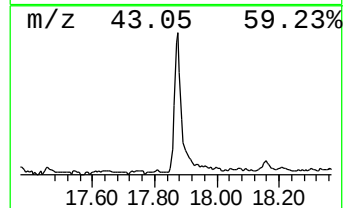
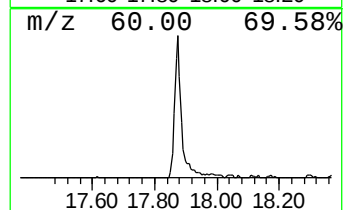
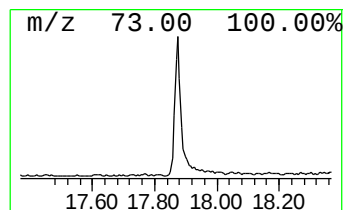
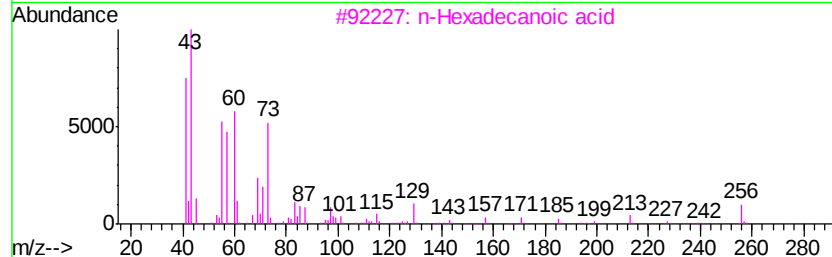
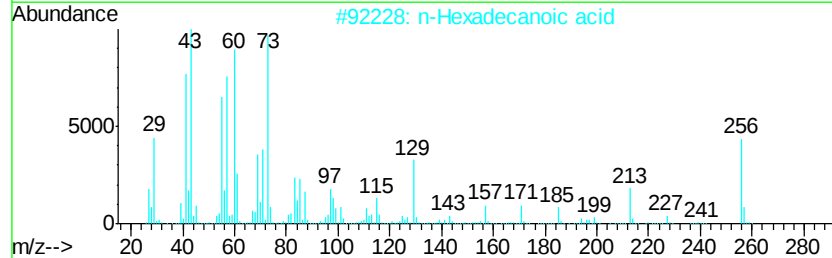
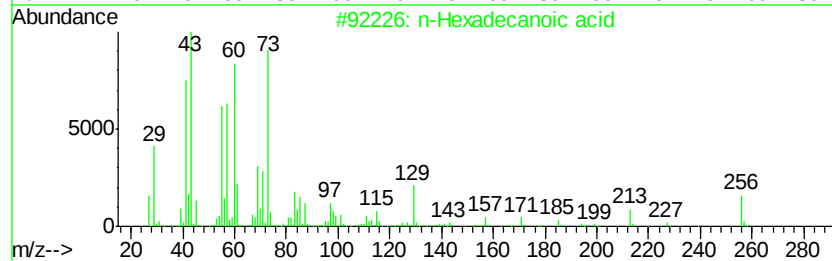
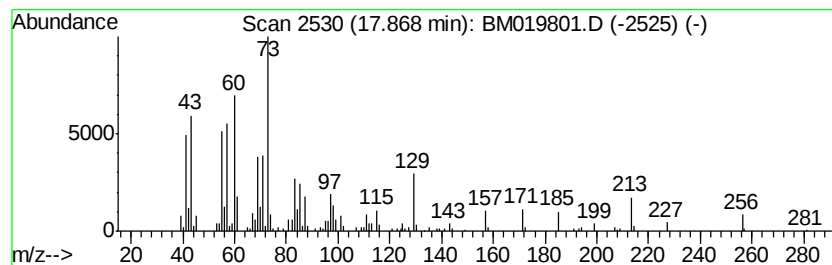
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.84 ng/ul	599641	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	50



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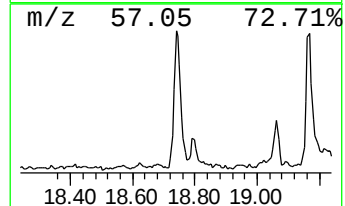
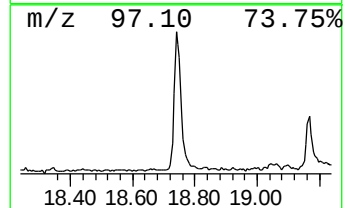
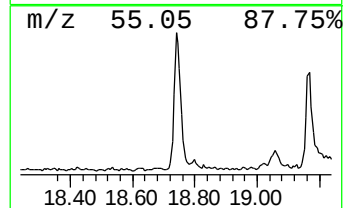
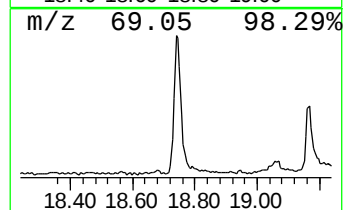
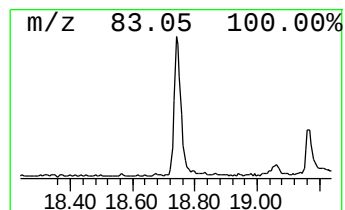
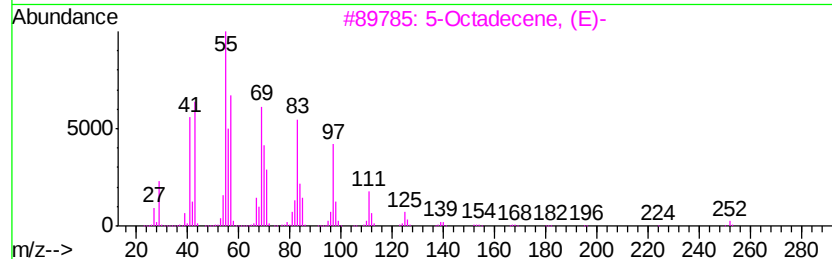
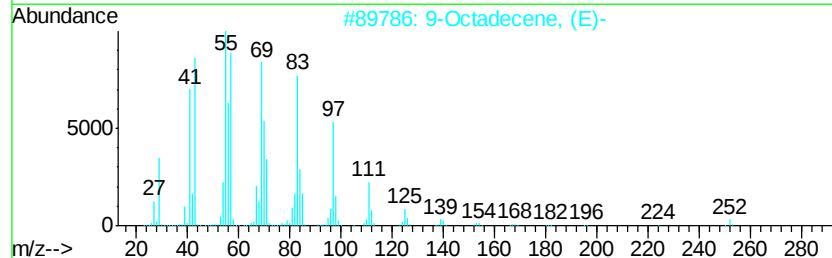
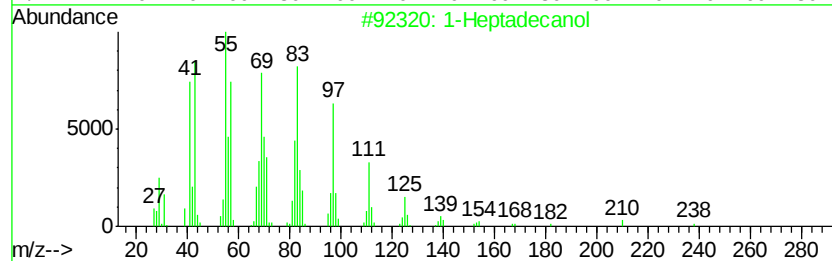
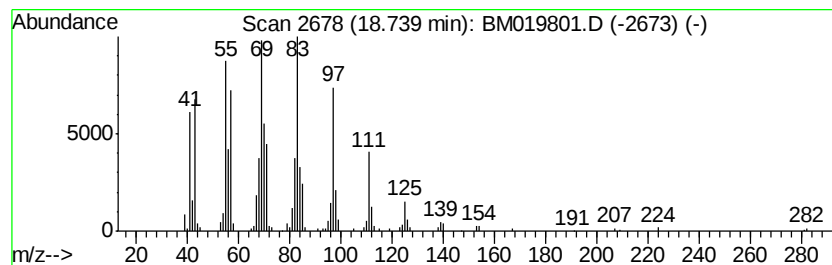
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Heptadecanol Concentration Rank 5

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18.74	4.11 ng/ul	422445	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecanol	256	C17H36O	001454-85-9	95
2		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4		4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5		3-Octadecene, (E)-	252	C18H36	007206-19-1	91



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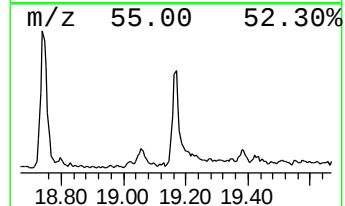
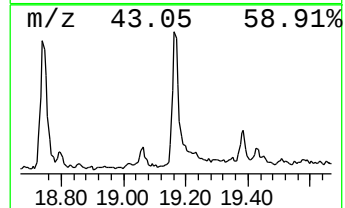
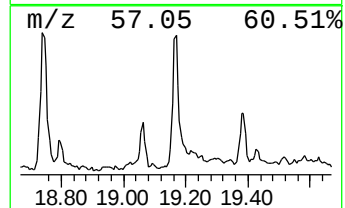
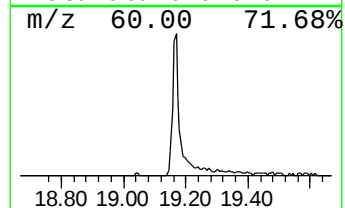
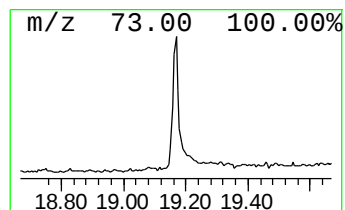
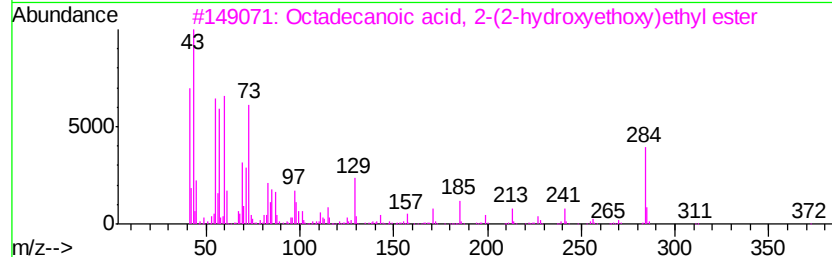
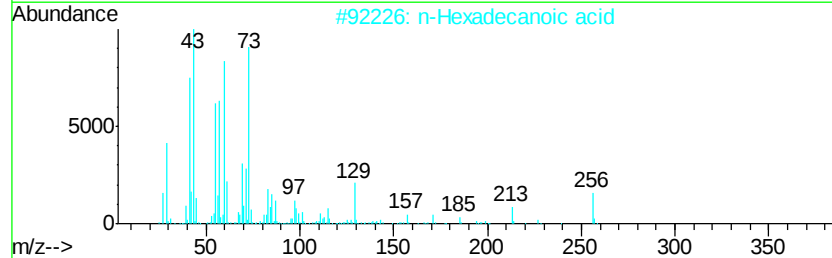
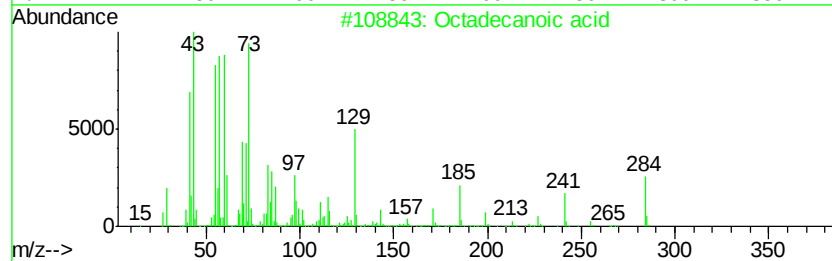
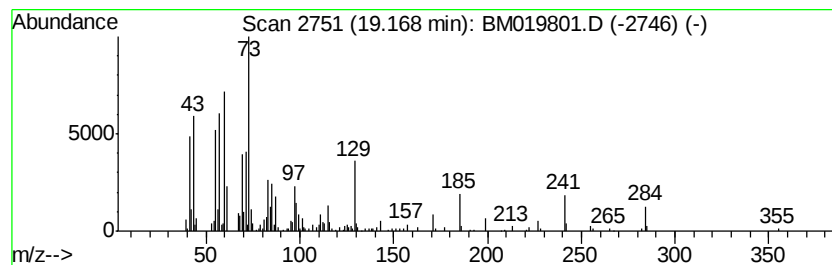
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.82 ng/ul	495742	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019801.D
Acq On : 08 Apr 2019 18:59
Operator : JU/SJ
Sample : K2218-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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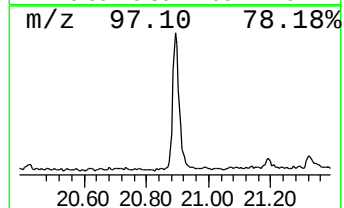
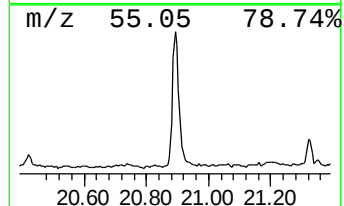
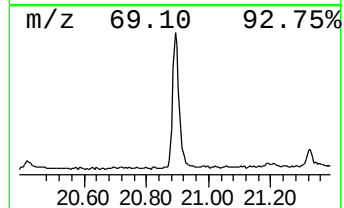
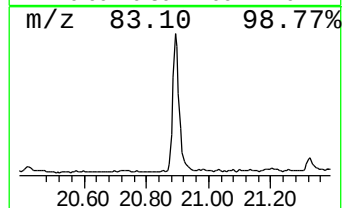
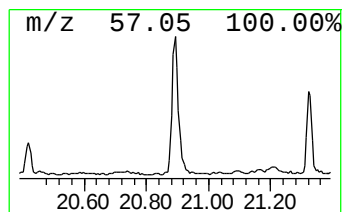
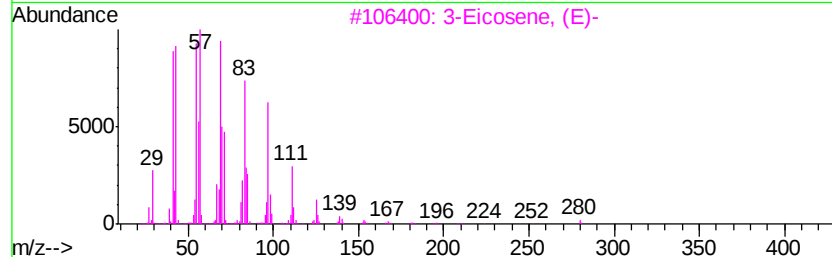
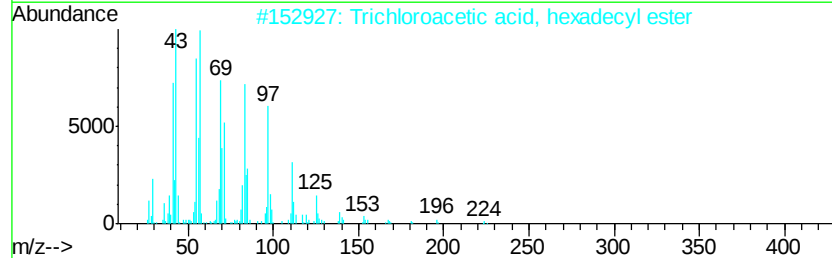
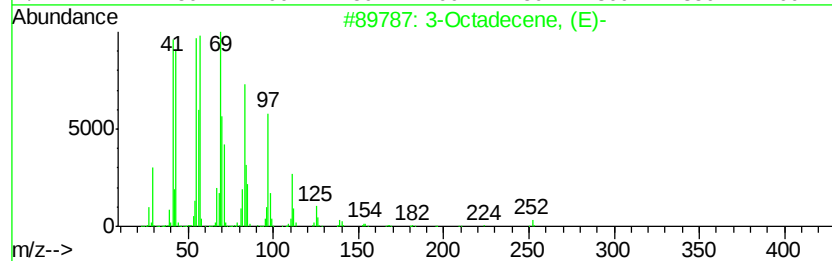
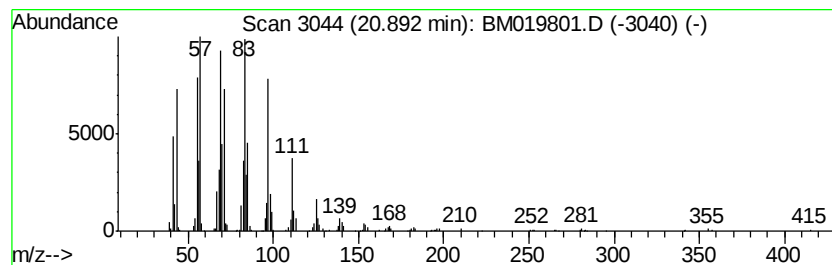
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.05 ng/ul	784595	Chrysene-d12	21.19

Hit#	of	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	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
4	Trichloroacetic acid, tetradecyl...		358	C16H29Cl3O2	074339-52-9	91
5	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019801.D
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Sample : K2218-12
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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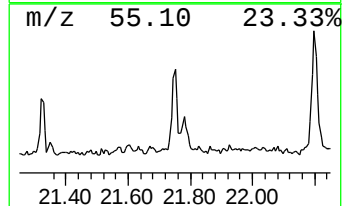
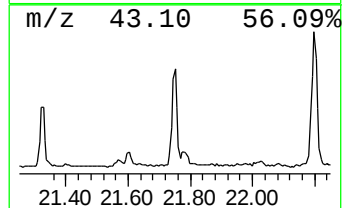
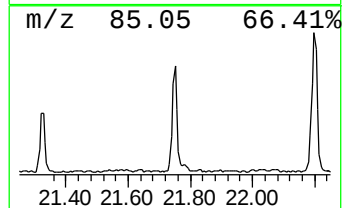
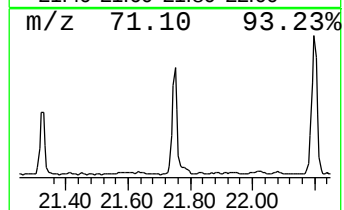
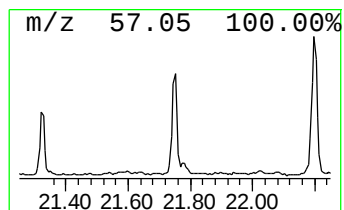
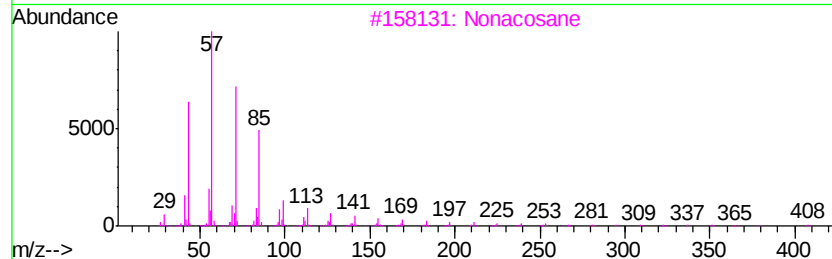
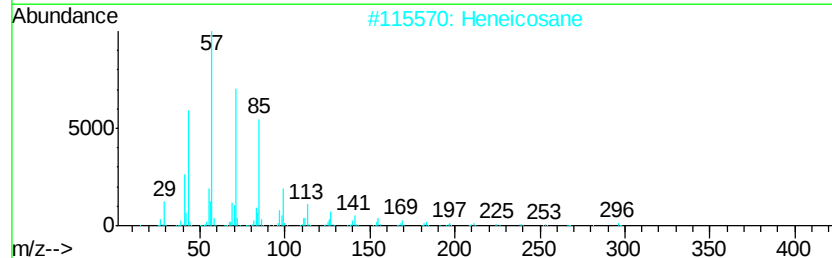
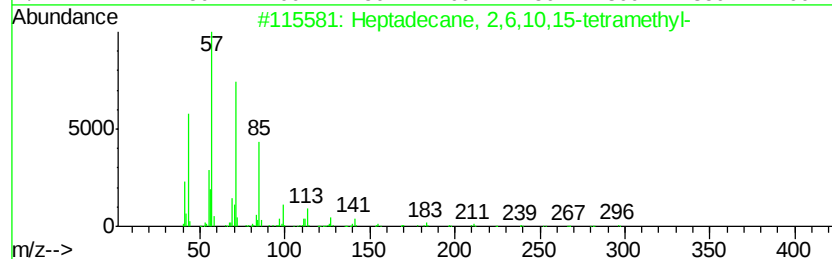
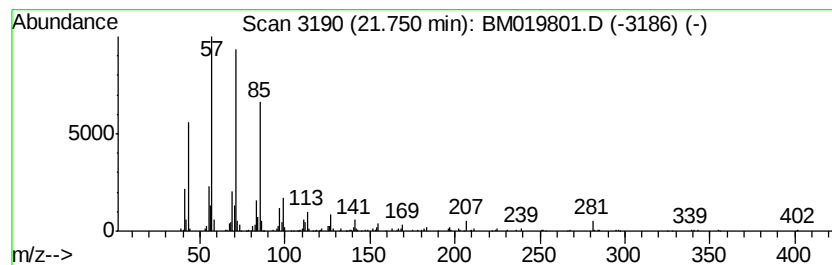
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.28 ng/ul	295835	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Nonacosane	408	C29H60	000630-03-5	87
4		triacontane	422	C30H62	000638-68-6	87
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019801.D
Acq On : 08 Apr 2019 18:59
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Sample : K2218-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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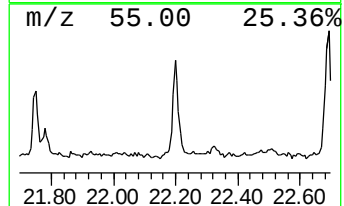
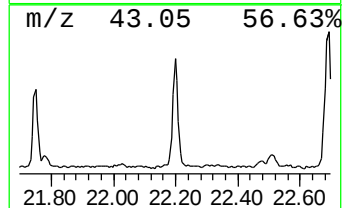
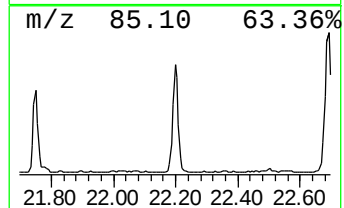
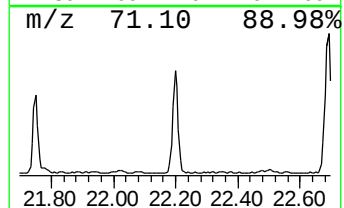
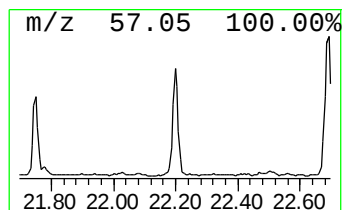
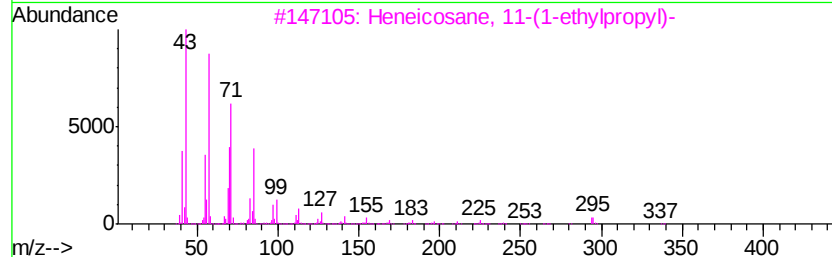
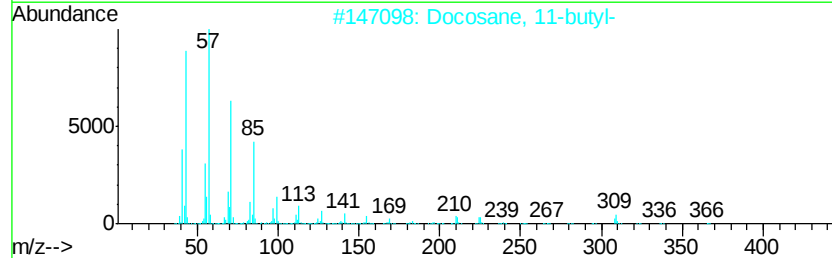
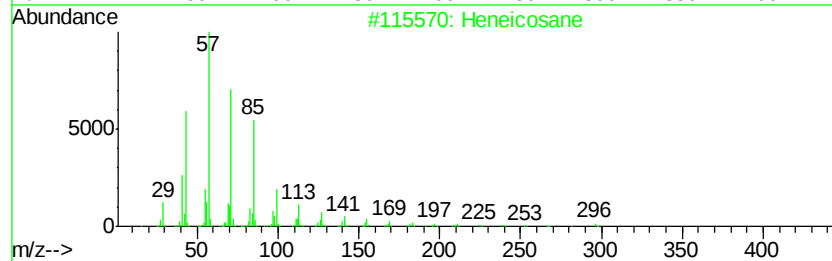
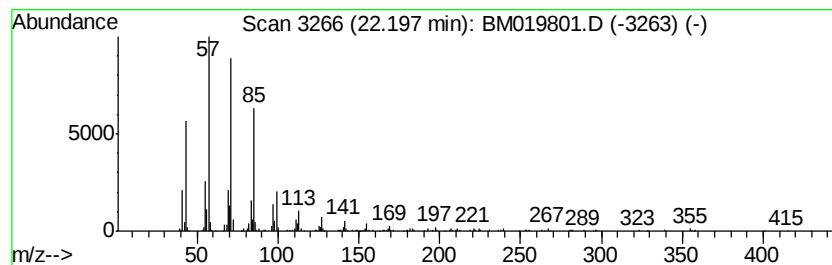
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.33 ng/ul	431825	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4			Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019801.D
Acq On : 08 Apr 2019 18:59
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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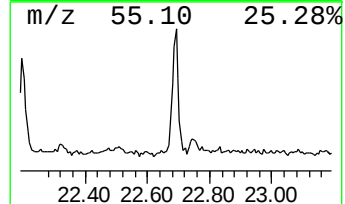
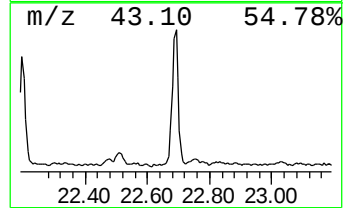
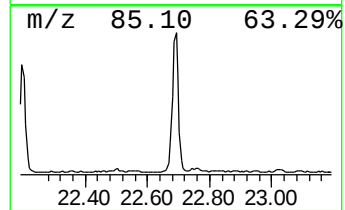
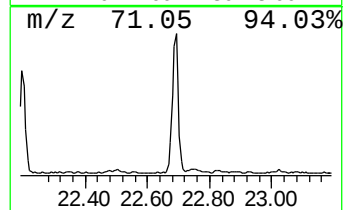
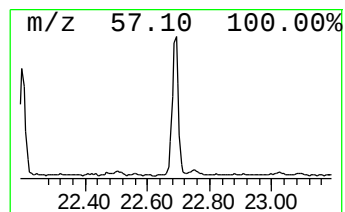
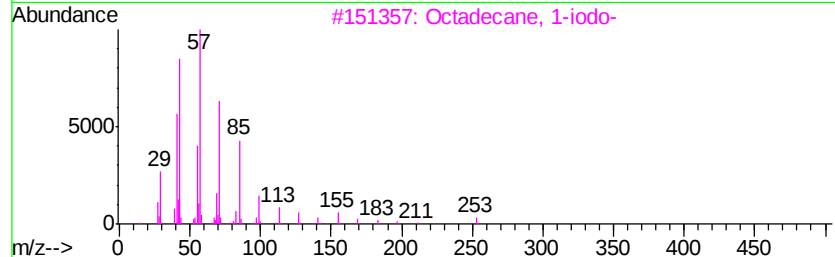
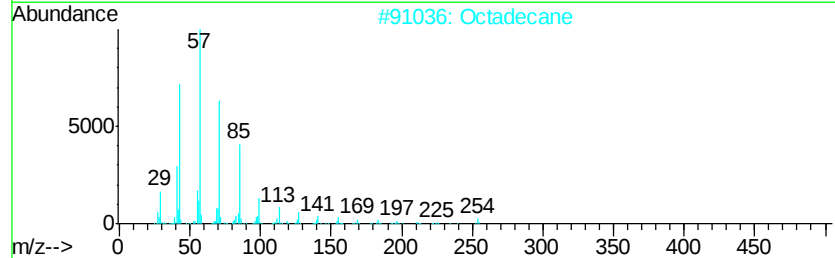
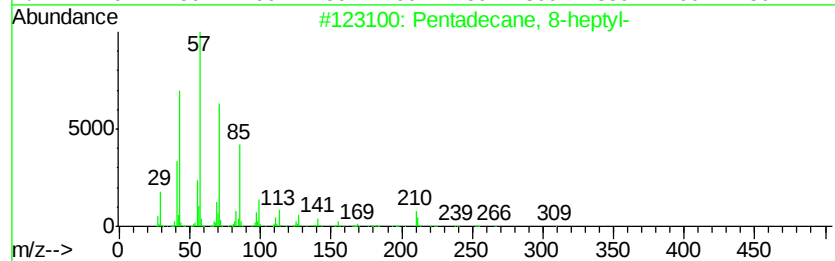
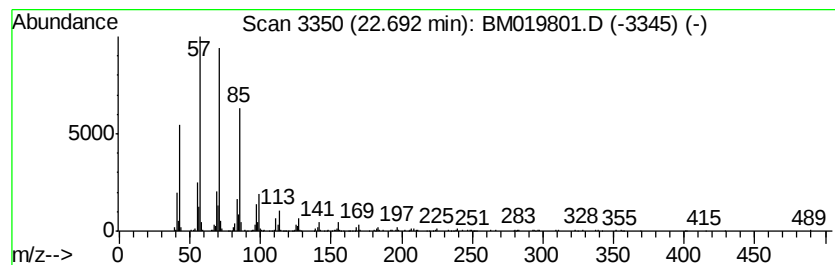
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	5.90 ng/ul	618082	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
2		Octadecane	254	C18H38	000593-45-3	87
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4		Tetradecane	198	C14H30	000629-59-4	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019801.D
Acq On : 08 Apr 2019 18:59
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Sample : K2218-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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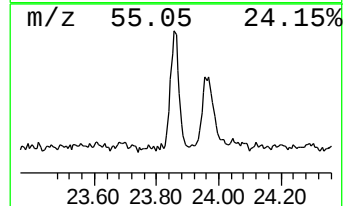
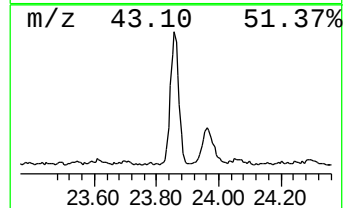
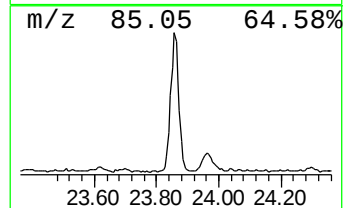
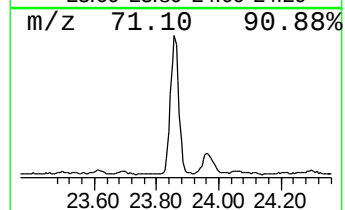
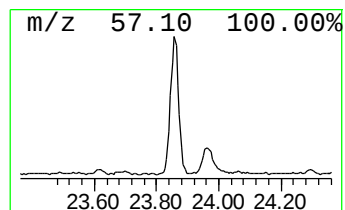
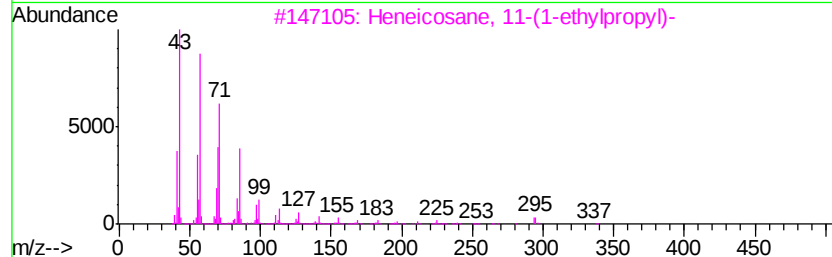
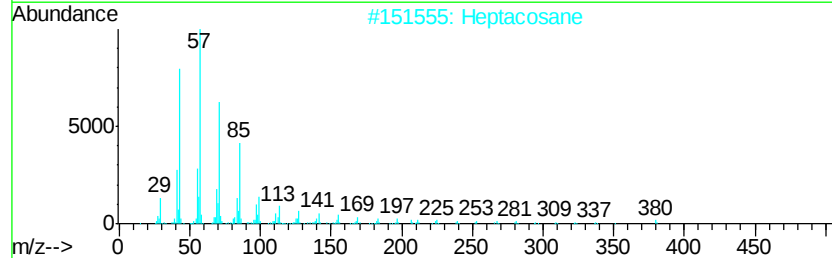
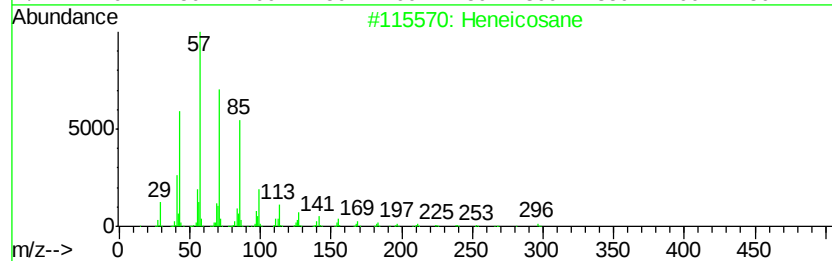
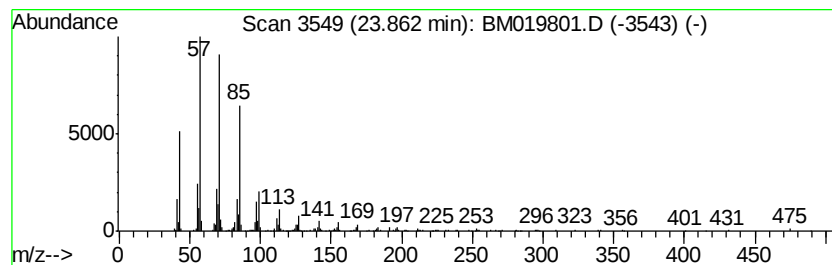
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	6.19 ng/ul	648464	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
5		Tetratetracontane	619	C44H90	007098-22-8	83



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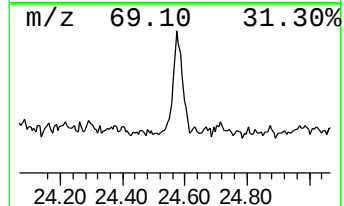
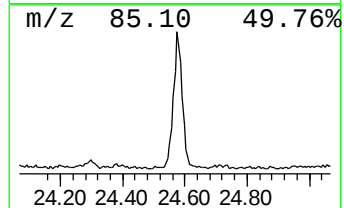
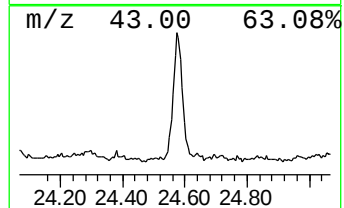
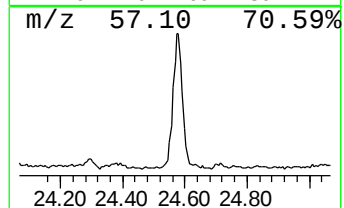
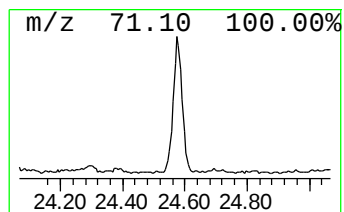
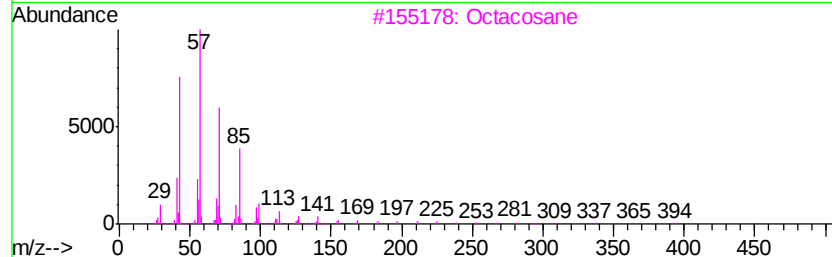
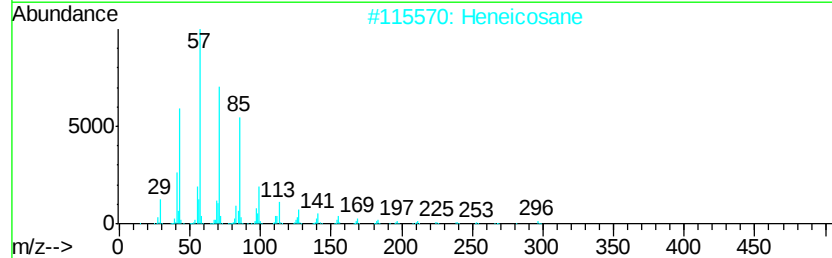
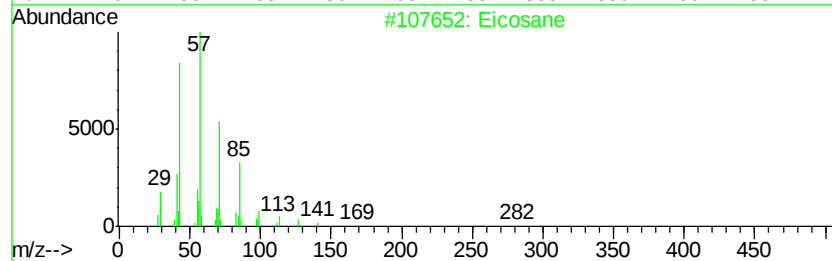
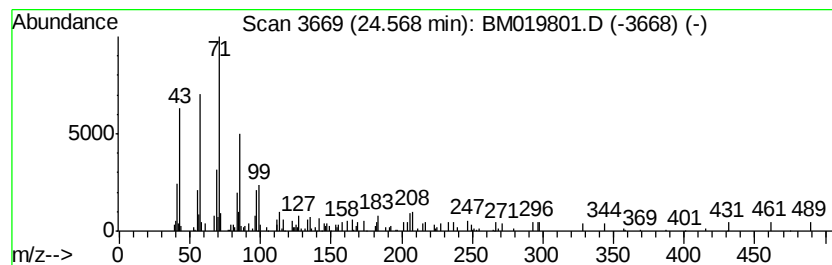
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.57	3.14 ng/ul	329187	Perylene-d12	23.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	78
2			Heneicosane	296	C21H44	000629-94-7	74
3			Octacosane	394	C28H58	000630-02-4	74
4			Heptacosane	380	C27H56	000593-49-7	72
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019801.D
Acq On : 08 Apr 2019 18:59
Operator : JU/SJ
Sample : K2218-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF632

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
Dodecanoic acid	14.65	2.4	ng/ul	201631	3	14.22	1649430	20.0
n-Hexadecanoic acid	17.87	5.8	ng/ul	599641	4	16.98	2054210	20.0
1-Heptadecanol	18.74	4.1	ng/ul	422445	4	16.98	2054210	20.0
Octadecanoic acid	19.17	3.8	ng/ul	495742	5	21.19	2592170	20.0
(DEL) Alkane: Cyc...	20.89	6.0	ng/ul	784595	5	21.19	2592170	20.0
(DEL) Alkane: Str...	21.75	2.3	ng/ul	295835	5	21.19	2592170	20.0
(DEL) Alkane: Str...	22.20	3.3	ng/ul	431825	5	21.19	2592170	20.0
(DEL) Alkane: Str...	22.69	5.9	ng/ul	618082	6	23.39	2093740	20.0
(DEL) Alkane: Str...	23.86	6.2	ng/ul	648464	6	23.39	2093740	20.0
(DEL) Alkane: Str...	24.57	3.1	ng/ul	329187	6	23.39	2093740	20.0