

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019619.D
 Acq On : 30 Mar 2019 14:59
 Operator : JU/SJ
 Sample : K2065-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5L7

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	3.128	21	24	36	rVB	27258	55144	1.65%	0.153%
2	3.628	106	109	118	rVV2	12717	23813	0.71%	0.066%
3	3.722	120	125	136	rVB2	16565	32948	0.99%	0.092%
4	4.369	234	235	241	rVB4	3072	4211	0.13%	0.012%
5	4.716	290	294	302	rBV2	13934	23985	0.72%	0.067%
6	6.763	636	642	663	rBV	272409	581384	17.43%	1.617%
7	6.928	665	670	691	rBV	227105	438354	13.14%	1.220%
8	7.110	695	701	710	rBV	332489	585079	17.54%	1.628%
9	7.575	773	780	790	rBV	521397	846748	25.38%	2.356%
10	7.645	790	792	798	rVB3	4540	6438	0.19%	0.018%
11	8.292	896	902	919	rBV	324866	629069	18.86%	1.750%
12	8.428	919	925	932	rVB4	8943	17371	0.52%	0.048%
13	8.745	973	979	995	rBV	289938	547244	16.40%	1.522%
14	9.075	1029	1035	1039	rVB2	6318	9900	0.30%	0.028%
15	9.457	1094	1100	1113	rBV	249739	454340	13.62%	1.264%
16	9.539	1113	1114	1119	rVB4	3527	3519	0.11%	0.010%
17	9.716	1140	1144	1145	rBV	13658	14999	0.45%	0.042%
18	9.992	1184	1191	1205	rBV	333097	691395	20.72%	1.923%
19	10.351	1245	1252	1261	rBV	752907	1277352	38.29%	3.554%
20	10.527	1275	1282	1301	rBV	238893	585621	17.55%	1.629%
21	10.927	1343	1350	1361	rBV2	17517	62506	1.87%	0.174%
22	11.963	1520	1526	1533	rBV3	3413	7490	0.22%	0.021%
23	12.521	1616	1621	1630	rBV4	15419	38587	1.16%	0.107%
24	13.657	1808	1814	1819	rBV	746082	1073407	32.17%	2.986%
25	13.704	1819	1822	1836	rVB	117061	171688	5.15%	0.478%
26	13.927	1851	1860	1877	rBV	866293	1260208	37.77%	3.506%
27	14.233	1906	1912	1924	rBV2	1136494	1684209	50.48%	4.686%
28	14.492	1951	1956	1980	rBV2	98367	365659	10.96%	1.017%
29	14.668	1980	1986	1999	rVV	222674	357101	10.70%	0.993%
30	14.998	2040	2042	2044	rBV2	3851	4074	0.12%	0.011%
31	15.027	2044	2047	2051	rVV	4327	6857	0.21%	0.019%
32	15.080	2051	2056	2060	rVB5	4462	7019	0.21%	0.020%
33	15.233	2076	2082	2091	rBV	1149211	1656760	49.66%	4.609%
34	15.386	2102	2108	2119	rBV	211016	350893	10.52%	0.976%

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35	15.480	2119	2124	2127	rVB4	13855	21094	0.63%	0.059%
36	15.945	2199	2203	2208	rBV4	5066	10350	0.31%	0.029%
37	16.027	2213	2217	2219	rVB2	2653	3469	0.10%	0.010%
38	16.133	2232	2235	2237	rVB3	3831	3929	0.12%	0.011%
39	16.398	2275	2280	2288	rBV3	31852	58548	1.75%	0.163%
40	16.545	2302	2305	2312	rBV3	4264	5693	0.17%	0.016%
41	16.739	2334	2338	2341	rVV2	5113	7062	0.21%	0.020%
42	16.786	2343	2346	2353	rVB2	7029	10150	0.30%	0.028%
43	16.898	2360	2365	2371	rVB4	3676	6637	0.20%	0.018%
44	16.992	2375	2381	2392	rVV2	1444486	2028255	60.79%	5.643%
45	17.092	2392	2398	2413	rVB	1230886	1746689	52.35%	4.859%
46	17.480	2460	2464	2468	rVB4	4798	8386	0.25%	0.023%
47	17.886	2528	2533	2544	rBV	163059	275678	8.26%	0.767%
48	18.174	2580	2582	2585	rVB4	5694	5205	0.16%	0.014%
49	18.474	2631	2633	2638	rBV5	3291	5172	0.16%	0.014%
50	18.568	2647	2649	2652	rBV4	3538	3364	0.10%	0.009%
51	18.603	2652	2655	2659	rVV3	14171	17399	0.52%	0.048%
52	18.650	2659	2663	2667	rVV	19556	20306	0.61%	0.056%
53	18.815	2688	2691	2693	rVB3	5033	5409	0.16%	0.015%
54	18.897	2702	2705	2706	rBV3	3364	3963	0.12%	0.011%
55	19.033	2725	2728	2731	rBV2	20195	27836	0.83%	0.077%
56	19.062	2731	2733	2740	rVB	18742	27687	0.83%	0.077%
57	19.180	2748	2753	2761	rBV	93228	163953	4.91%	0.456%
58	19.286	2768	2771	2775	rVB3	12335	16573	0.50%	0.046%
59	19.403	2784	2791	2797	rBV	1535707	2210109	66.25%	6.149%
60	19.462	2799	2801	2809	rVB4	52267	66083	1.98%	0.184%
61	19.739	2843	2848	2851	rBV	498799	531902	15.94%	1.480%
62	19.774	2851	2854	2860	rVB	732392	828353	24.83%	2.305%
63	19.909	2875	2877	2879	rBV3	10113	10244	0.31%	0.028%
64	20.433	2963	2966	2970	rBV3	39438	50857	1.52%	0.141%
65	20.715	3010	3014	3017	rBV	310396	315706	9.46%	0.878%
66	20.750	3017	3020	3024	rVB	432604	441525	13.23%	1.228%
67	20.903	3041	3046	3056	rBV	427348	593425	17.79%	1.651%
68	21.197	3091	3096	3108	rBV	2267316	3041675	91.17%	8.462%
69	21.339	3117	3120	3123	rBV	93527	93987	2.82%	0.261%
70	21.580	3158	3161	3164	rBV	168759	196708	5.90%	0.547%
71	21.615	3164	3167	3171	rVB	236740	262514	7.87%	0.730%

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72	21.762	3189	3192	3195	rBV	118184	129772	3.89%	0.361%
73	22.209	3265	3268	3275	rVB	197403	240616	7.21%	0.669%
74	22.491	3312	3316	3318	rBV	117682	149548	4.48%	0.416%
75	22.527	3318	3322	3326	rVB	190858	259089	7.77%	0.721%
76	22.703	3348	3352	3357	rVB	259066	348991	10.46%	0.971%
77	23.262	3440	3447	3457	rBV2	1752725	3275456	98.18%	9.112%
78	23.403	3464	3471	3482	rVB	1826551	3336250	100.00%	9.282%
79	23.880	3547	3552	3562	rVB	319453	589026	17.66%	1.639%
80	24.603	3670	3675	3683	rVB	315329	614707	18.43%	1.710%

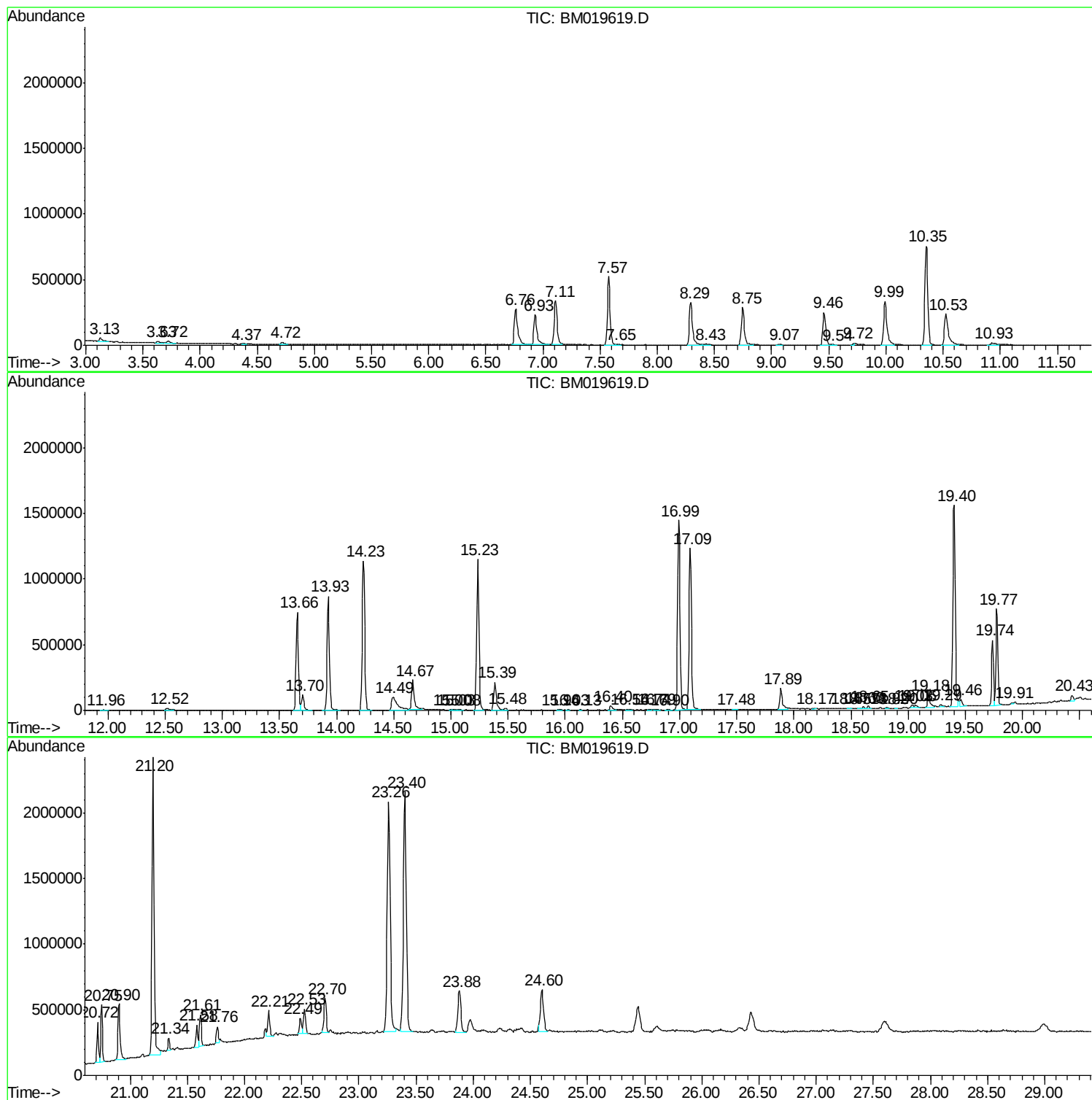
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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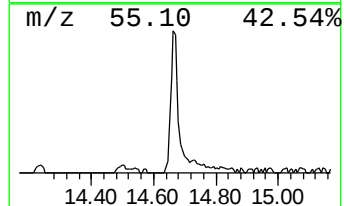
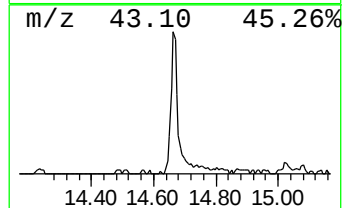
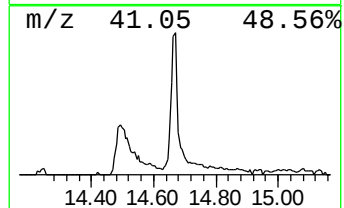
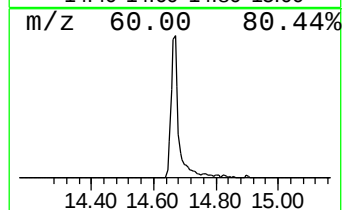
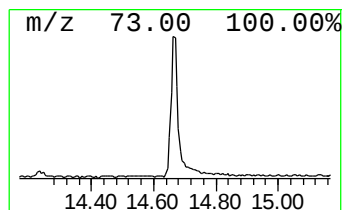
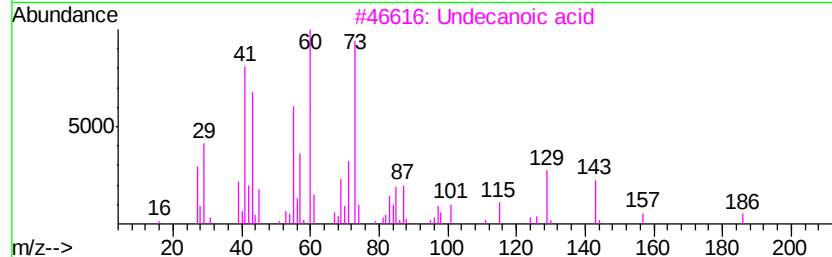
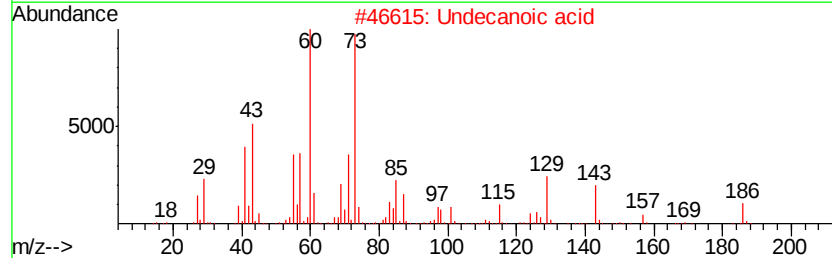
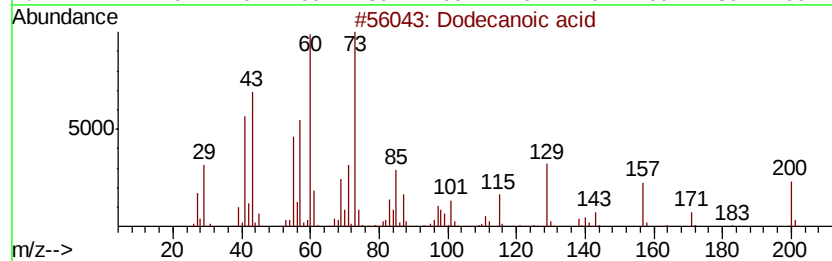
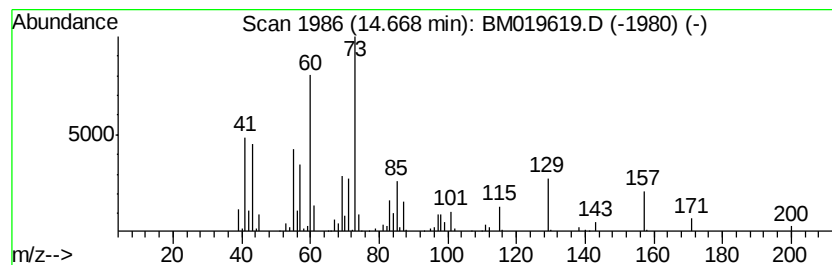
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	4.24 ng/ul	357101	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	91
2	Undecanoic acid	186 C11H22O2	000112-37-8	86
3	Undecanoic acid	186 C11H22O2	000112-37-8	64
4	n-Decanoic acid	172 C10H20O2	000334-48-5	59
5	n-Decanoic acid	172 C10H20O2	000334-48-5	53



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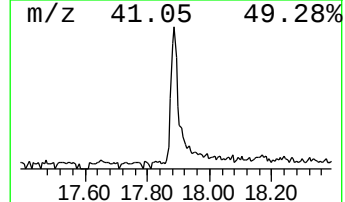
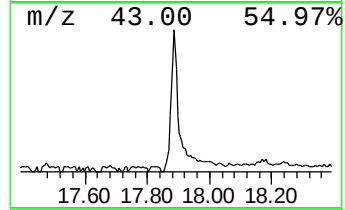
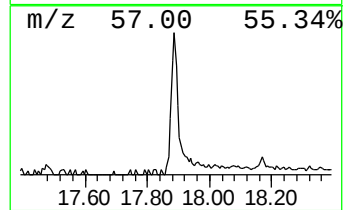
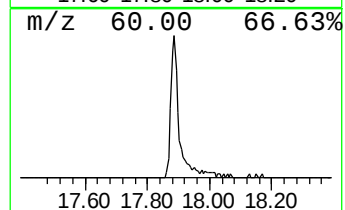
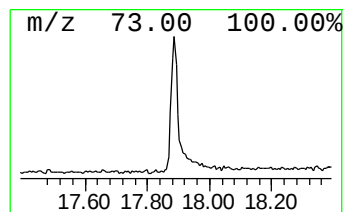
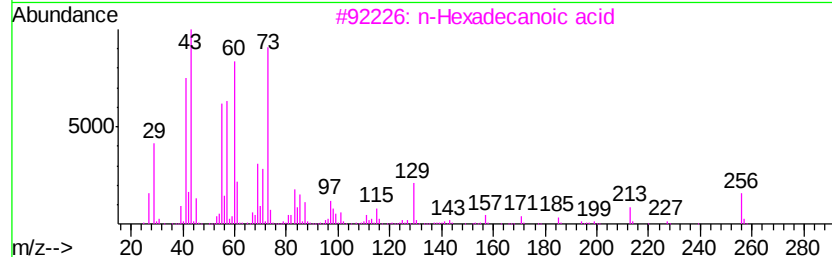
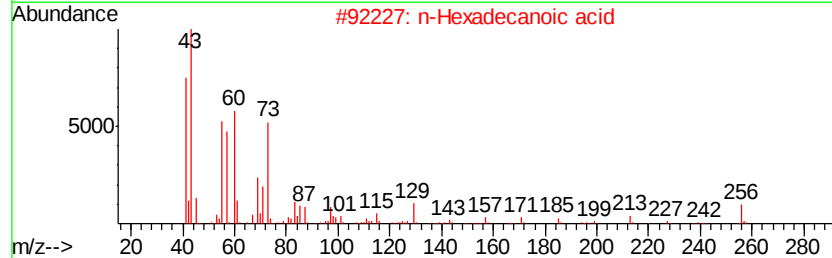
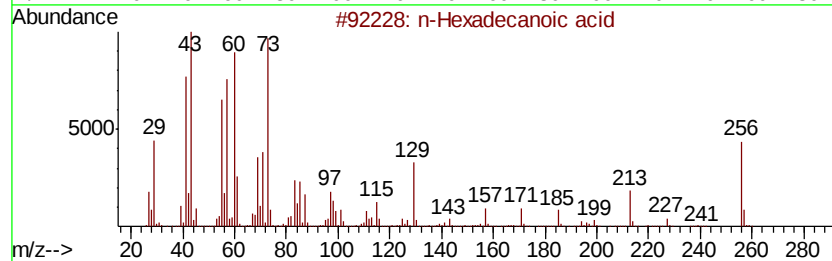
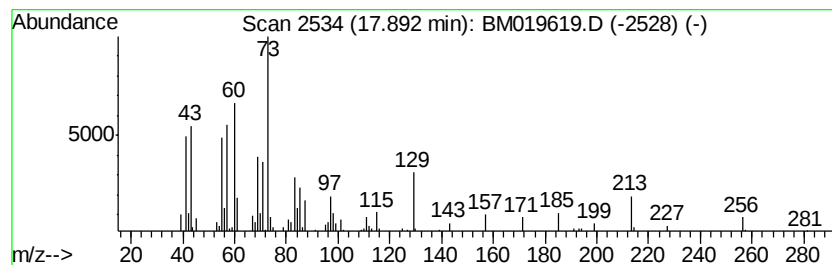
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.72 ng/ul	275678	Phenanthrene-d10	16.99

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	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



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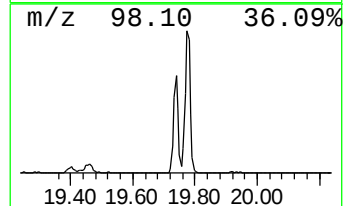
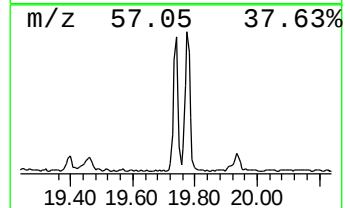
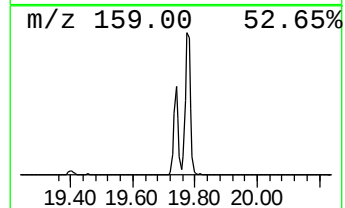
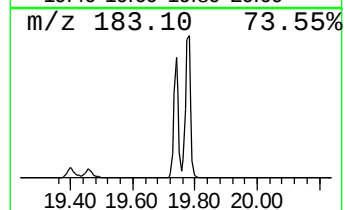
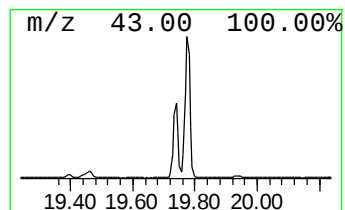
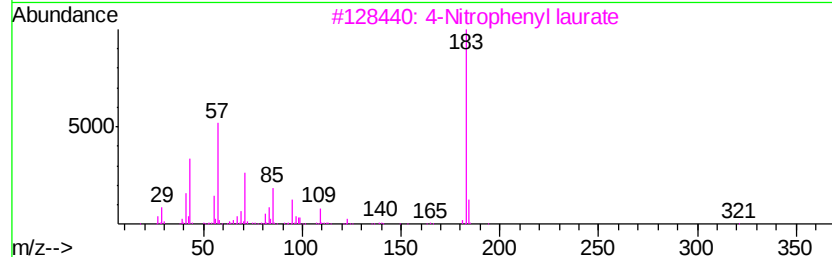
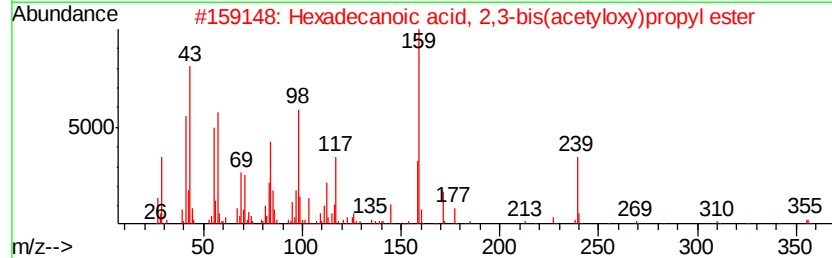
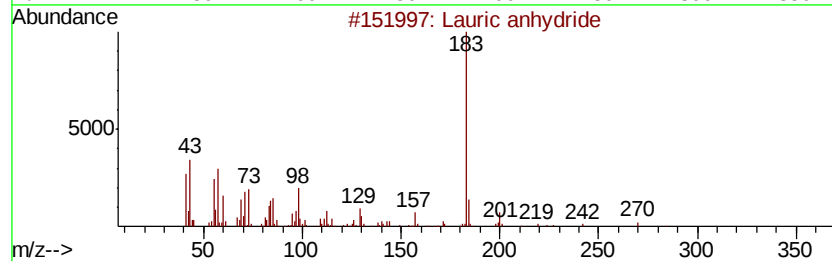
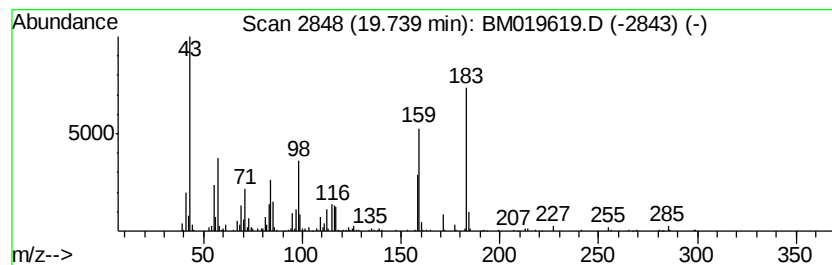
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.50 ng/ul	531902	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Lauric anhydride	382	C24H46O3	000645-66-9	32
2		Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester	414	C23H42O6	055268-70-7	32
3		4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	30
4		Eicosanoic acid, 2-(acetyloxy)-1-octyl ester	470	C27H50O6	055429-68-0	27
5		Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester	470	C27H50O6	055429-67-9	25



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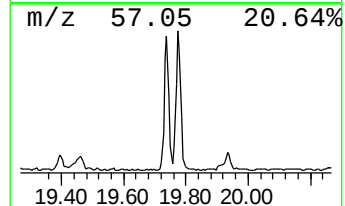
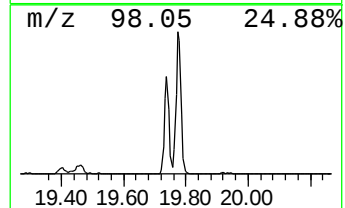
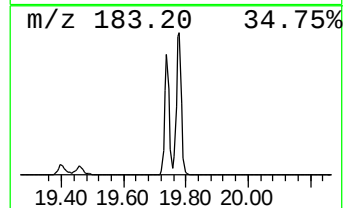
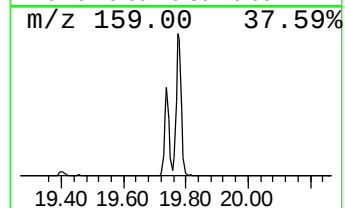
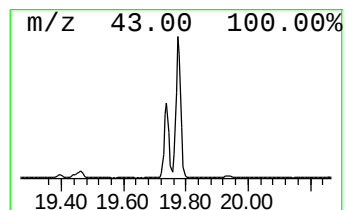
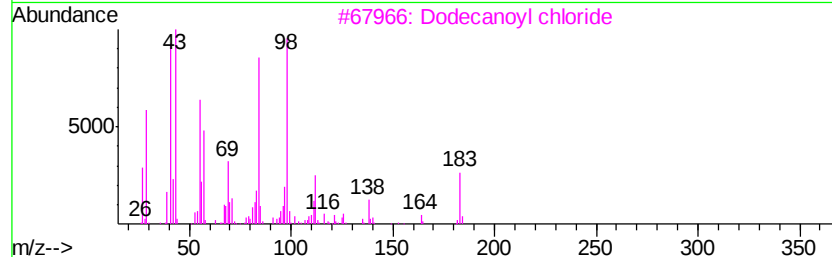
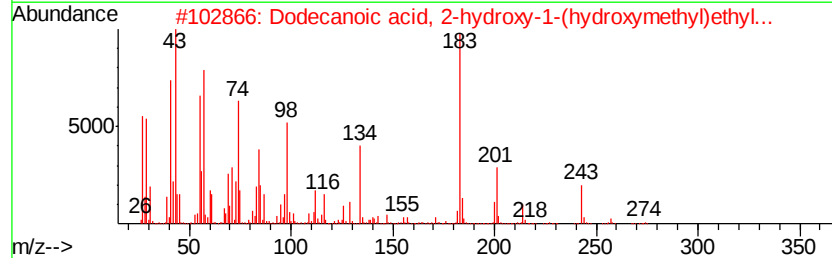
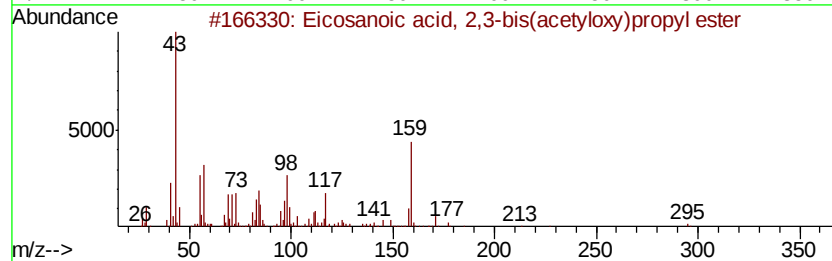
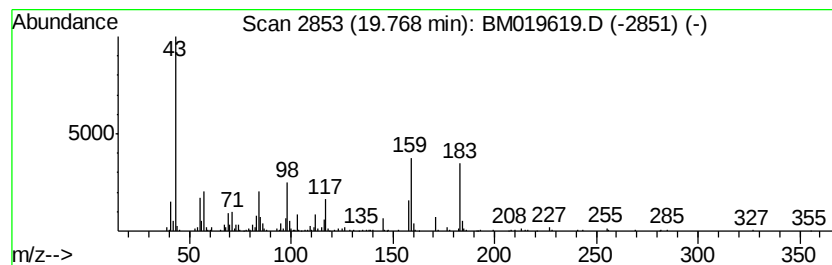
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Eicosanoic acid, 2,3-bis(ac... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	5.45 ng/ul	828353	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	50
2		Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	43
3		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	16
4		1,2-Dicarbadoecaborane(12), 1-h...	230	C8H24B10	020740-05-0	11
5		4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019619.D
Acq On : 30 Mar 2019 14:59
Operator : JU/SJ
Sample : K2065-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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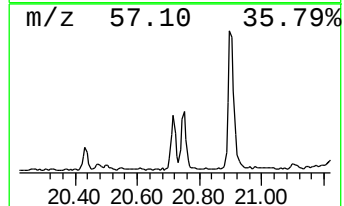
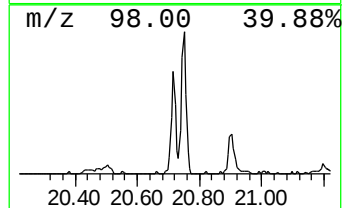
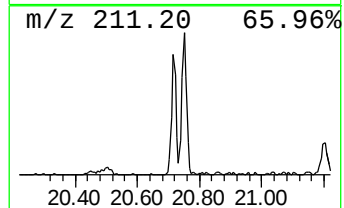
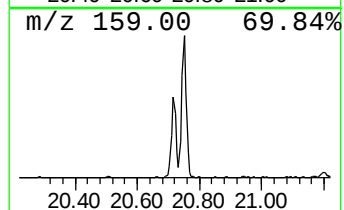
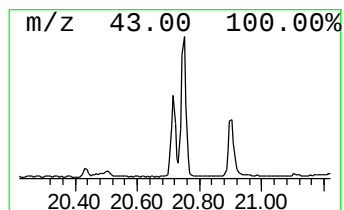
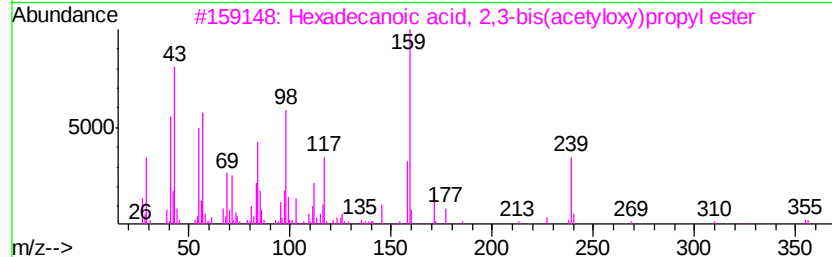
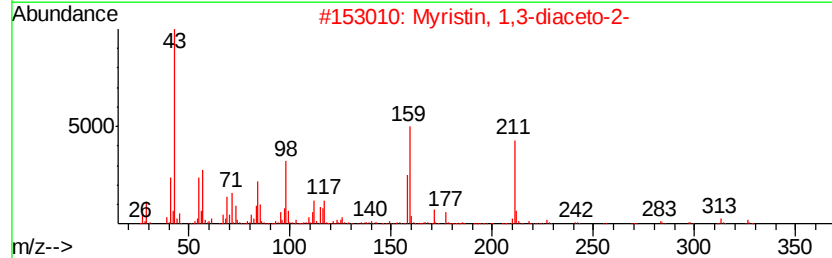
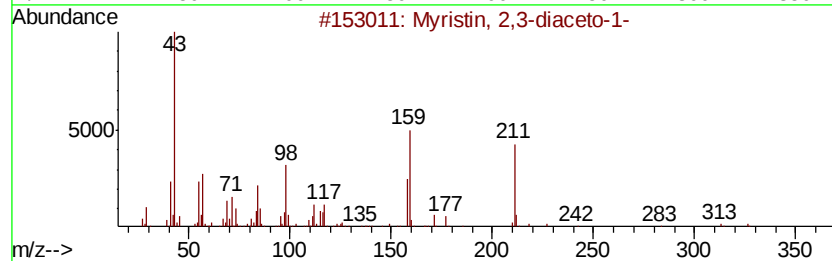
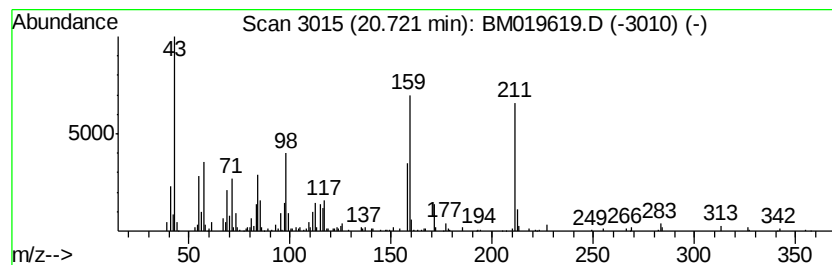
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Myristin, 2,3-diaceto-1- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	2.08 ng/ul	315706	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91	
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	91	
3	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	62	
4	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	38	
5	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	38	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019619.D
Acq On : 30 Mar 2019 14:59
Operator : JU/SJ
Sample : K2065-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

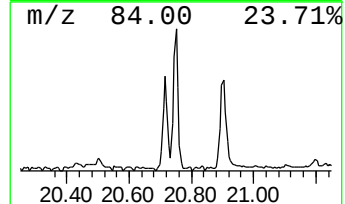
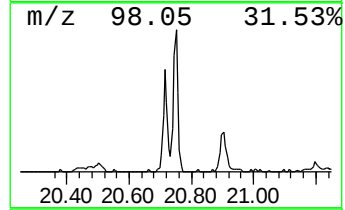
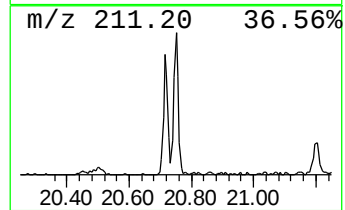
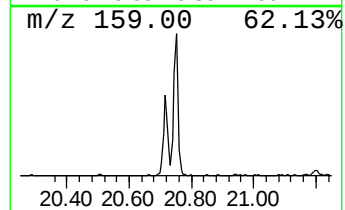
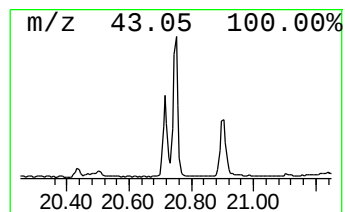
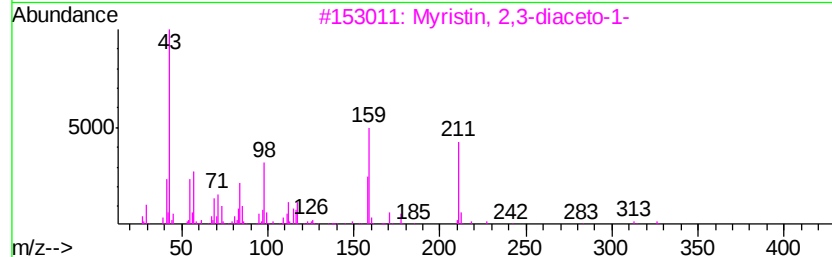
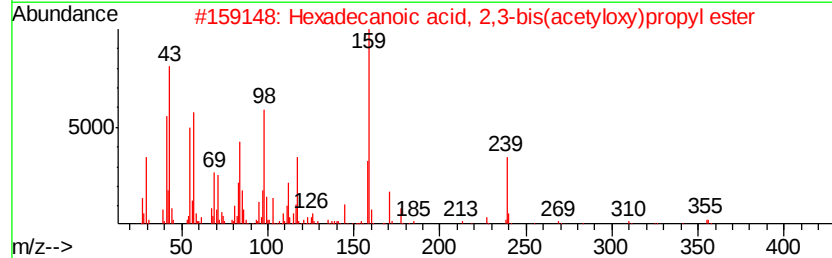
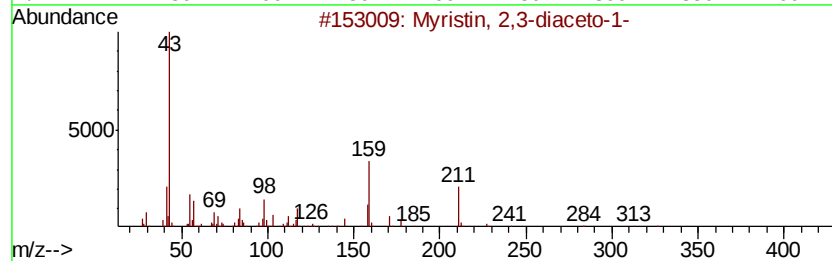
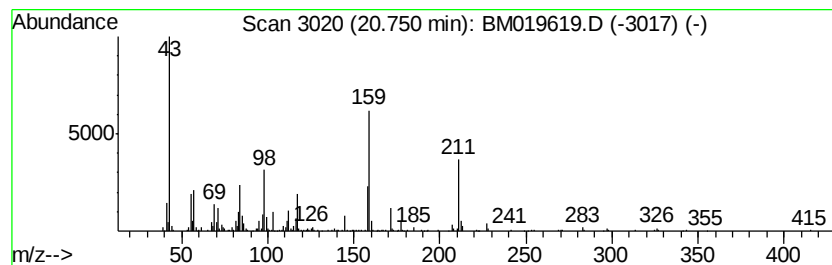
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Hexadecanoic acid, 2,3-bis(...) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.75	2.90 ng/ul	441525	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	90	
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	76	
3	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	62	
4	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	58	
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	27	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
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Acq On : 30 Mar 2019 14:59
Operator : JU/SJ
Sample : K2065-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

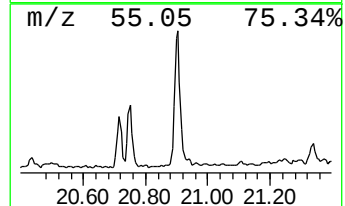
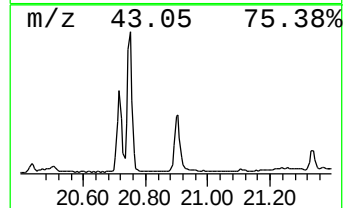
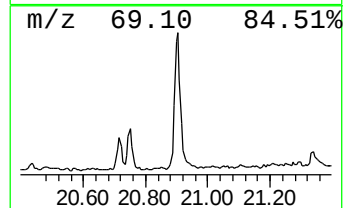
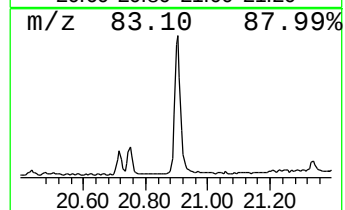
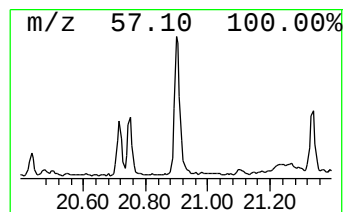
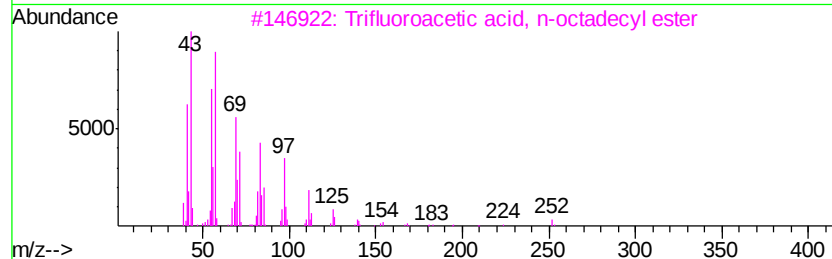
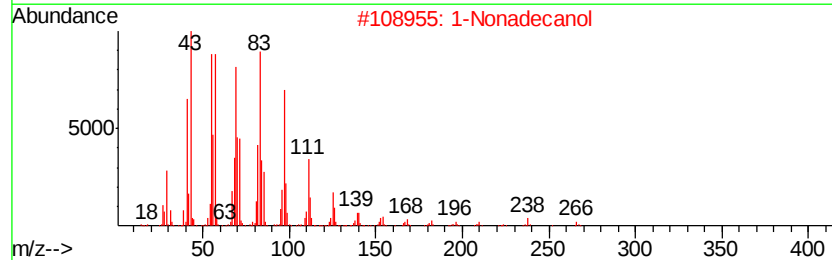
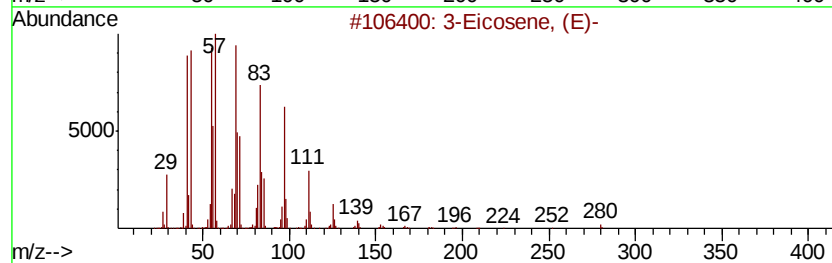
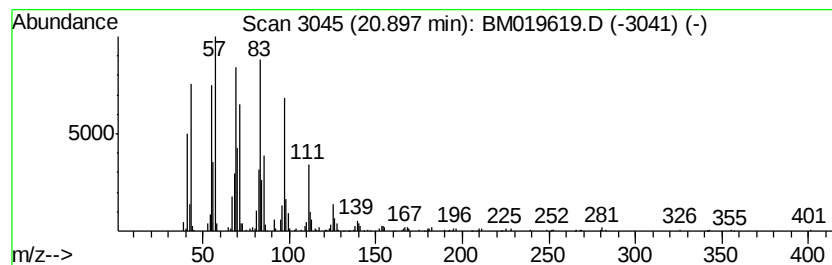
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic20.90 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.90	3.90 ng/ul	593425	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	1-Nonadecanol	284	C19H40O	001454-84-8	93
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019619.D
Acq On : 30 Mar 2019 14:59
Operator : JU/SJ
Sample : K2065-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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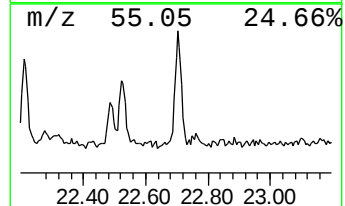
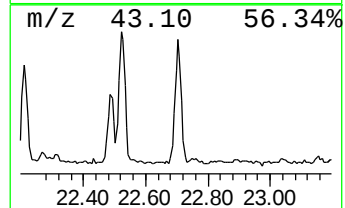
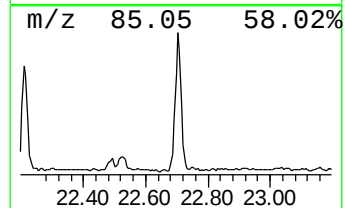
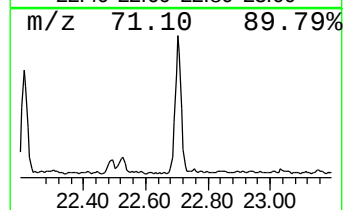
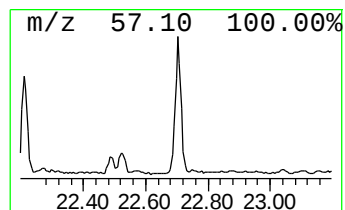
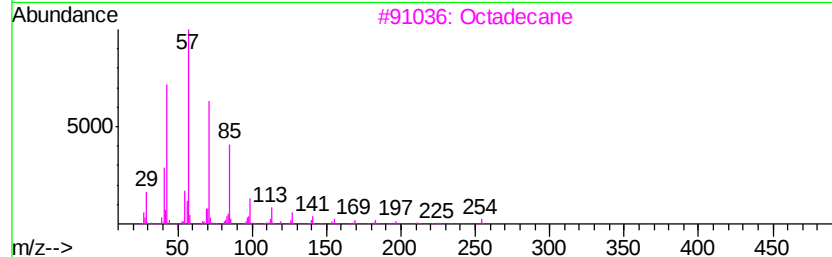
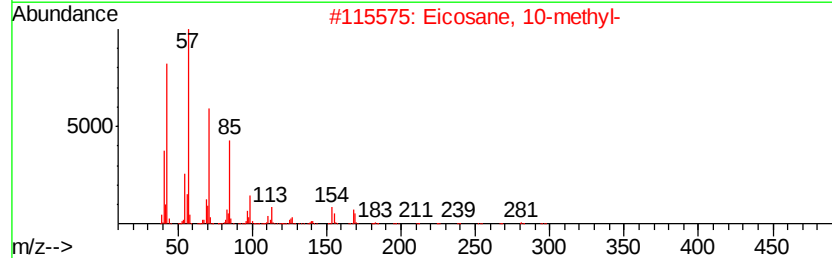
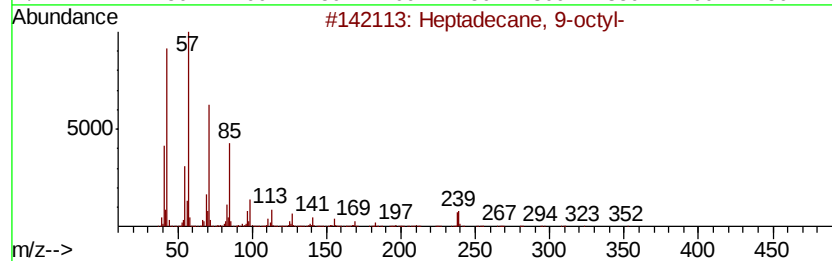
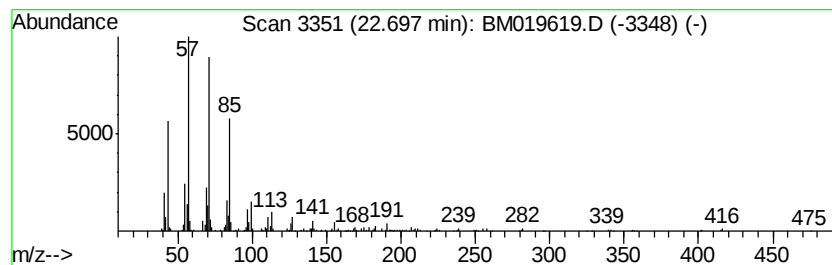
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.09 ng/ul	348991	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Docosane	310	C22H46	000629-97-0	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019619.D
Acq On : 30 Mar 2019 14:59
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Sample : K2065-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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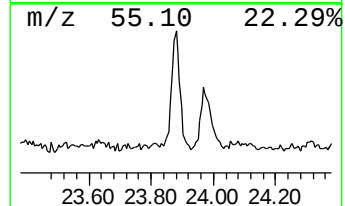
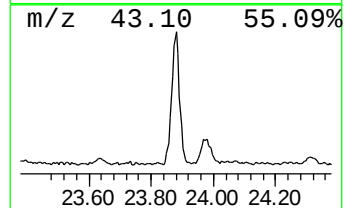
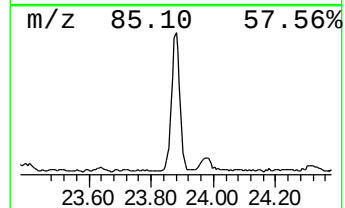
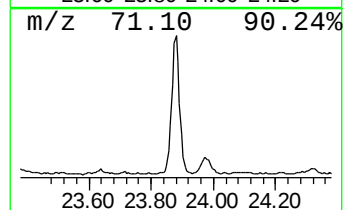
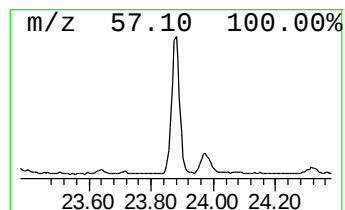
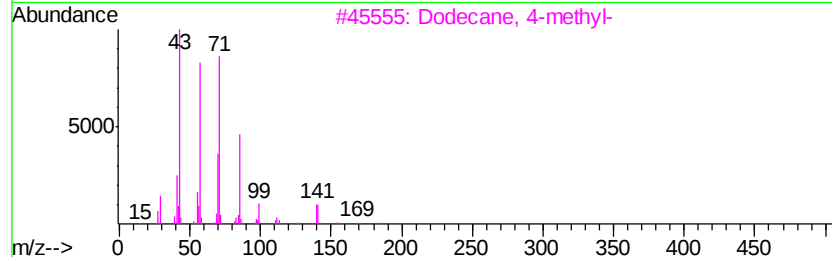
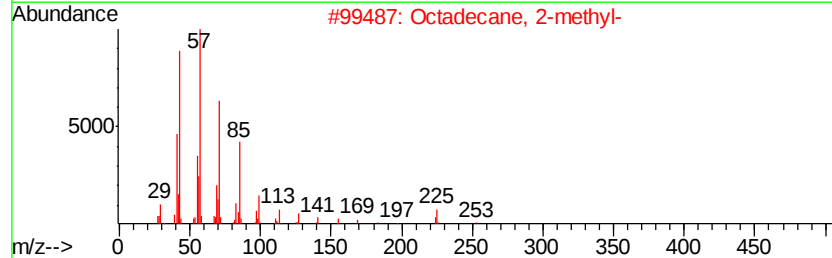
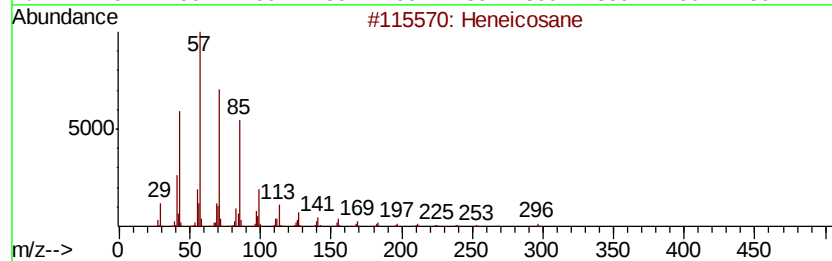
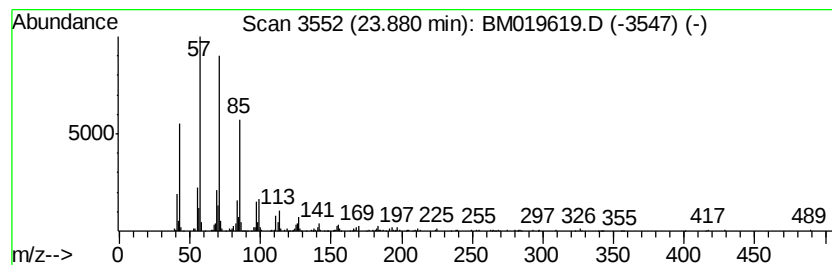
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.53 ng/ul	589026	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
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Acq On : 30 Mar 2019 14:59
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Sample : K2065-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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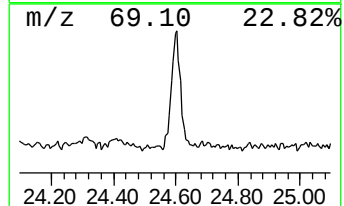
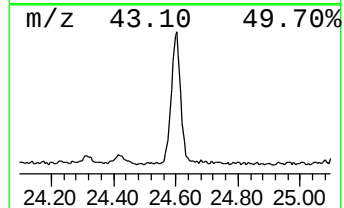
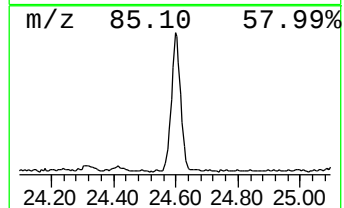
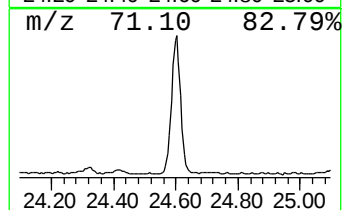
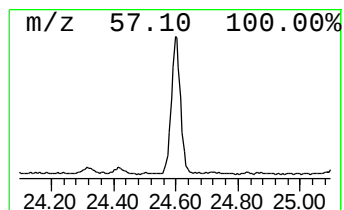
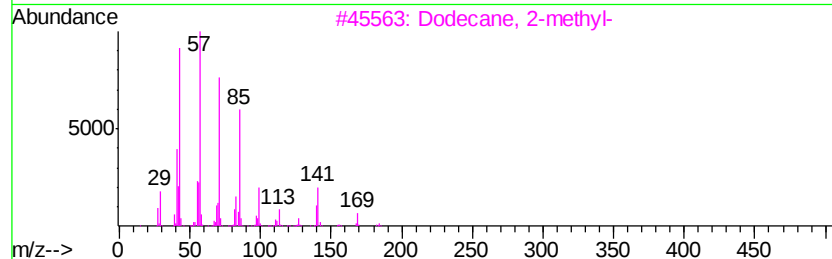
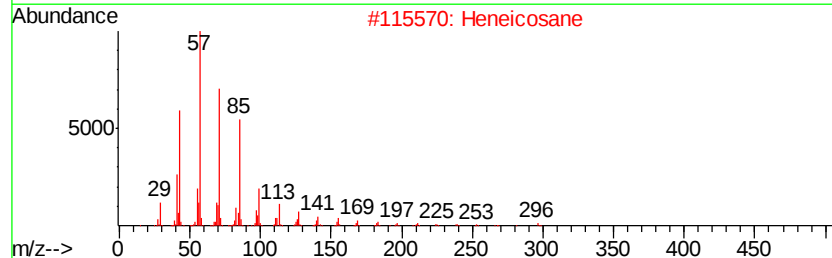
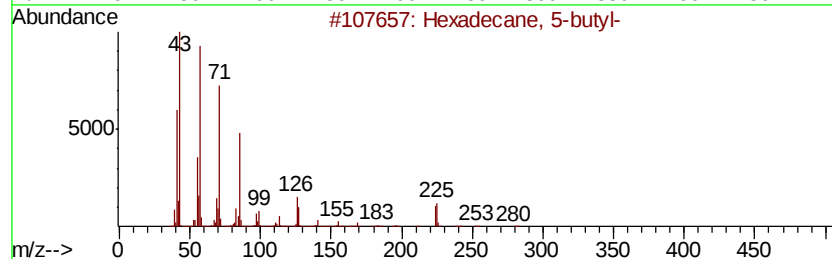
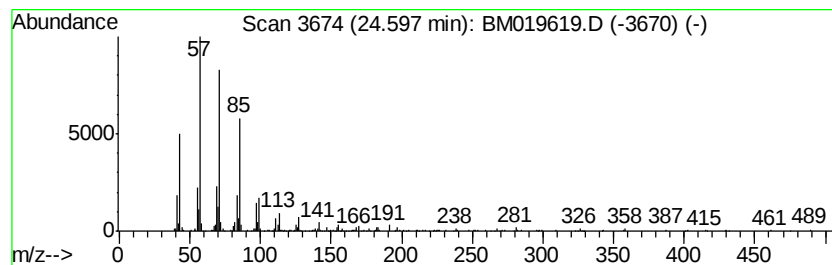
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.69 ng/ul	614707	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	94
2			Heneicosane	296	C21H44	000629-94-7	91
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4			Tetratriacontane	479	C34H70	014167-59-0	90
5			Docosane, 5-butyl-	366	C26H54	055282-16-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019619.D
Acq On : 30 Mar 2019 14:59
Operator : JU/SJ
Sample : K2065-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BF5L7

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	14.67	4.2	ng/ul	357101	3	14.23	1684210	20.0
n-Hexadecanoic acid	17.89	2.7	ng/ul	275678	4	16.99	2028260	20.0
unknown-01	19.74	3.5	ng/ul	531902	5	21.20	3041680	20.0
Eicosanoic acid, ...	19.77	5.5	ng/ul	828353	5	21.20	3041680	20.0
Myristin, 2,3-dia...	20.72	2.1	ng/ul	315706	5	21.20	3041680	20.0
Hexadecanoic acid...	20.75	2.9	ng/ul	441525	5	21.20	3041680	20.0
(DEL) Alkane: Cyc...	20.90	3.9	ng/ul	593425	5	21.20	3041680	20.0
(DEL) Alkane: Str...	22.70	2.1	ng/ul	348991	6	23.40	3336250	20.0
(DEL) Alkane: Str...	23.88	3.5	ng/ul	589026	6	23.40	3336250	20.0
(DEL) Alkane: Str...	24.60	3.7	ng/ul	614707	6	23.40	3336250	20.0