

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019885.D
 Acq On : 11 Apr 2019 04:55
 Operator : JU/SJ
 Sample : K2303-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF896

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	18	22	33	rVB	43656	75795	3.29%	0.310%
2	3.522	87	91	98	rVB2	19530	30864	1.34%	0.126%
3	3.610	102	106	114	rBV	154382	221374	9.62%	0.906%
4	3.687	114	119	124	rVB3	13971	24172	1.05%	0.099%
5	4.016	174	175	178	rBV3	2931	2752	0.12%	0.011%
6	4.263	216	217	220	rBV2	2490	2855	0.12%	0.012%
7	4.357	228	233	238	rBV3	10844	16847	0.73%	0.069%
8	4.510	256	259	261	rBV3	2147	2400	0.10%	0.010%
9	4.646	280	282	285	rVV4	2580	2523	0.11%	0.010%
10	4.699	287	291	297	rVB	5853	10571	0.46%	0.043%
11	4.840	310	315	319	rBV4	9367	20251	0.88%	0.083%
12	5.216	375	379	382	rBV5	1831	2752	0.12%	0.011%
13	5.346	398	401	403	rBV4	2991	4111	0.18%	0.017%
14	5.569	433	439	445	rBV6	3255	6755	0.29%	0.028%
15	5.651	451	453	455	rVB2	4095	3247	0.14%	0.013%
16	5.669	455	456	460	rBV3	3118	3028	0.13%	0.012%
17	5.898	493	495	501	rBV4	2357	3636	0.16%	0.015%
18	6.210	545	548	552	rVB3	3238	3929	0.17%	0.016%
19	6.645	618	622	625	rBV4	2576	3181	0.14%	0.013%
20	6.681	625	628	632	rVB3	2447	2528	0.11%	0.010%
21	6.751	632	640	660	rBV	254324	562822	24.47%	2.302%
22	6.910	661	667	682	rVV	237606	443567	19.28%	1.815%
23	7.087	691	697	711	rBV	349699	613702	26.68%	2.511%
24	7.551	767	776	784	rBV	600400	987877	42.94%	4.041%
25	8.281	894	900	912	rBV	229471	478882	20.82%	1.959%
26	8.398	917	920	926	rVB5	4405	9580	0.42%	0.039%
27	8.728	969	976	991	rBV	286001	547575	23.80%	2.240%
28	8.845	994	996	997	rVV2	4156	3480	0.15%	0.014%
29	8.869	998	1000	1003	rVB3	4284	5070	0.22%	0.021%
30	9.034	1023	1028	1032	rBV	18566	26306	1.14%	0.108%
31	9.439	1090	1097	1116	rBV	232583	454761	19.77%	1.860%
32	9.981	1181	1189	1207	rBV	232066	617017	26.82%	2.524%
33	10.328	1241	1248	1259	rBV	785780	1301814	56.59%	5.326%
34	10.522	1274	1281	1296	rBV	51690	172036	7.48%	0.704%

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35	10.792	1325	1327	1331	rVB2	2059	2376	0.10%	0.010%
36	11.516	1448	1450	1456	rVB3	1955	2966	0.13%	0.012%
37	11.733	1484	1487	1493	rBV2	2578	3762	0.16%	0.015%
38	11.939	1518	1522	1527	rVB4	3626	6756	0.29%	0.028%
39	12.792	1664	1667	1669	rBV3	2064	2327	0.10%	0.010%
40	13.004	1696	1703	1706	rVB3	4523	6166	0.27%	0.025%
41	13.163	1726	1730	1731	rBV2	2254	3086	0.13%	0.013%
42	13.498	1780	1787	1792	rBV2	36451	51373	2.23%	0.210%
43	13.633	1802	1810	1815	rBV	610411	897850	39.03%	3.673%
44	13.686	1815	1819	1832	rVB	157599	255391	11.10%	1.045%
45	13.904	1848	1856	1870	rBV	711872	1083791	47.11%	4.434%
46	14.021	1874	1876	1880	rVB2	2964	3989	0.17%	0.016%
47	14.086	1880	1887	1891	rBV4	5442	9196	0.40%	0.038%
48	14.216	1901	1909	1919	rBV2	1017184	1509750	65.63%	6.176%
49	14.298	1919	1923	1925	rVB4	7147	9986	0.43%	0.041%
50	14.527	1955	1962	1980	rBV3	50378	198700	8.64%	0.813%
51	14.645	1980	1982	1984	rBV2	5019	4684	0.20%	0.019%
52	14.927	2027	2030	2033	rBV3	2164	2604	0.11%	0.011%
53	14.968	2036	2037	2039	rBV	2563	2571	0.11%	0.011%
54	14.998	2039	2042	2046	rVB4	3540	5404	0.23%	0.022%
55	15.051	2046	2051	2056	rVB4	6516	9438	0.41%	0.039%
56	15.116	2060	2062	2067	rVB5	4438	3710	0.16%	0.015%
57	15.216	2072	2079	2089	rBV	853509	1295618	56.32%	5.300%
58	15.292	2089	2092	2096	rVB3	8931	10541	0.46%	0.043%
59	15.392	2105	2109	2116	rBV2	43471	74617	3.24%	0.305%
60	15.451	2116	2119	2126	rVB4	18135	27712	1.20%	0.113%
61	15.557	2132	2137	2140	rBV4	3405	4481	0.19%	0.018%
62	15.663	2153	2155	2156	rBV2	4041	3961	0.17%	0.016%
63	15.715	2162	2164	2166	rBV2	3026	2673	0.12%	0.011%
64	15.921	2195	2199	2203	rBV6	10069	17972	0.78%	0.074%
65	16.010	2212	2214	2217	rVB4	4451	3914	0.17%	0.016%
66	16.039	2217	2219	2221	rBV3	3387	2539	0.11%	0.010%
67	16.092	2221	2228	2232	rVV6	8340	15487	0.67%	0.063%
68	16.139	2233	2236	2240	rVB5	3472	4876	0.21%	0.020%
69	16.257	2252	2256	2261	rVB2	37451	46289	2.01%	0.189%
70	16.327	2266	2268	2269	rVB	4000	2679	0.12%	0.011%
71	16.380	2273	2277	2283	rBV6	17002	27125	1.18%	0.111%

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72	16.521	2299	2301	2304	rVB4	3425	2698	0.12%	0.011%
73	16.651	2321	2323	2328	rBV5	3891	6017	0.26%	0.025%
74	16.739	2331	2338	2342	rBV3	30138	49268	2.14%	0.202%
75	16.851	2351	2357	2358	rBV5	9680	13177	0.57%	0.054%
76	16.874	2359	2361	2367	rVB5	14288	17810	0.77%	0.073%
77	16.939	2369	2372	2373	rVV2	8736	7744	0.34%	0.032%
78	16.980	2373	2379	2388	rVV	1060576	1538065	66.86%	6.292%
79	17.080	2390	2396	2405	rVV	825953	1231170	53.52%	5.037%
80	17.151	2405	2408	2418	rVB9	19236	39029	1.70%	0.160%
81	17.451	2457	2459	2462	rBV4	5773	5031	0.22%	0.021%
82	17.745	2504	2509	2517	rBV3	39878	73447	3.19%	0.300%
83	17.868	2525	2530	2541	rBV	355462	544635	23.68%	2.228%
84	18.151	2574	2578	2579	rBV4	19030	23434	1.02%	0.096%
85	19.162	2746	2750	2758	rBV	140659	247620	10.76%	1.013%
86	19.392	2783	2789	2796	rBV	923880	1340408	58.27%	5.483%
87	20.886	3040	3043	3050	rVB2	435835	561978	24.43%	2.299%
88	21.192	3091	3095	3101	rBV	1481806	1858096	80.77%	7.601%
89	22.315	3282	3286	3291	rVB	681466	826109	35.91%	3.380%
90	23.256	3443	3446	3454	rVB2	900915	1473992	64.08%	6.030%
91	23.397	3465	3470	3481	rVB	1253713	2300407	100.00%	9.411%

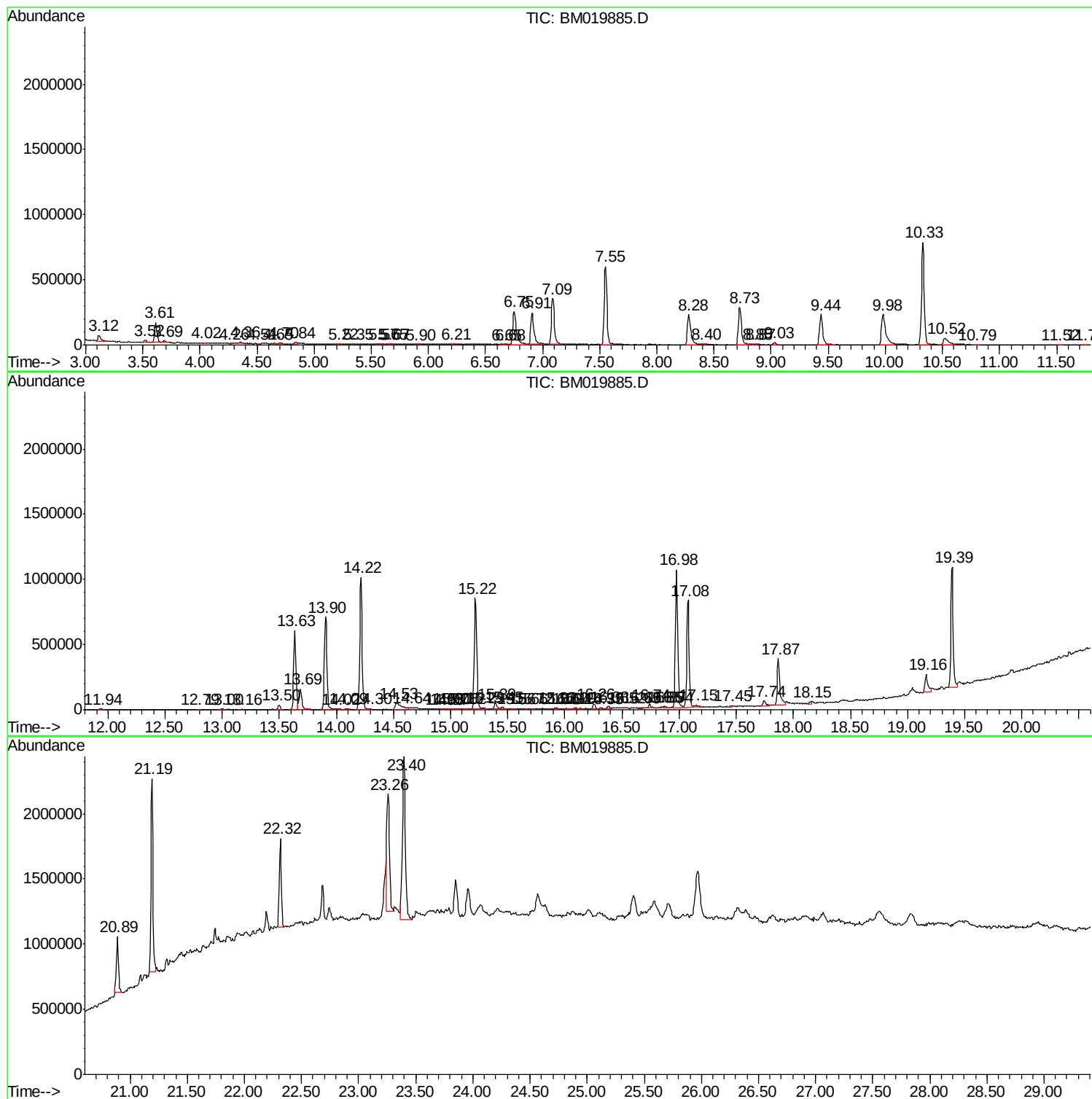
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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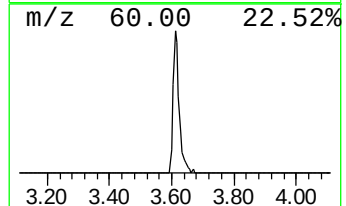
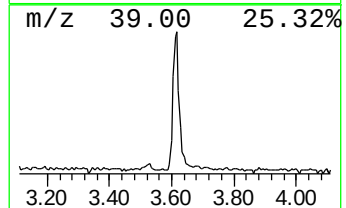
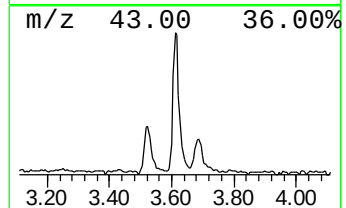
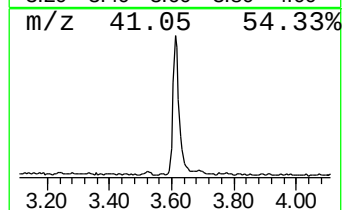
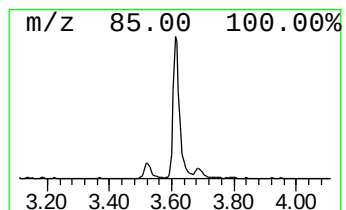
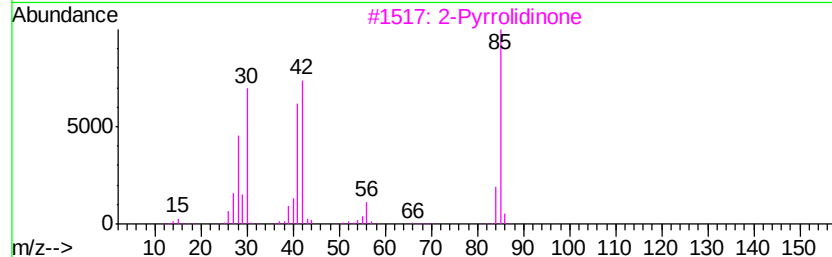
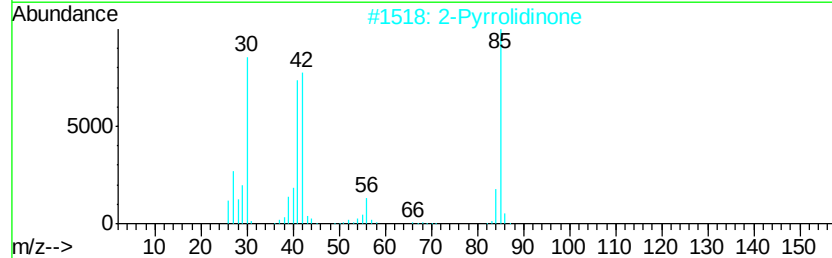
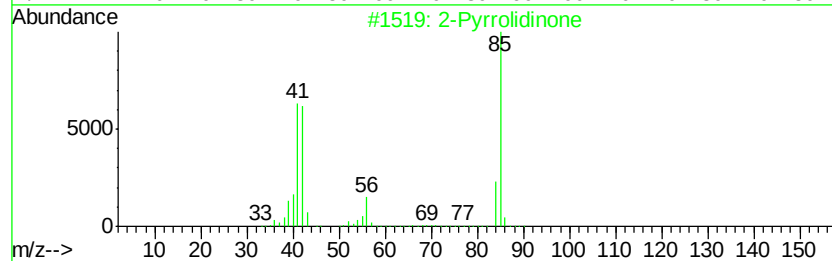
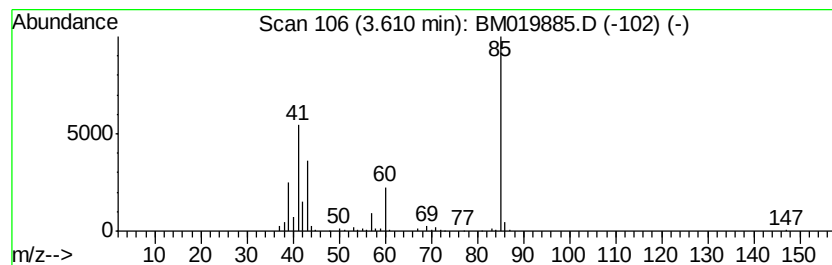
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	4.48 ng/ul	221374	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pyrrolidinone	85	C4H7NO	000616-45-5	42
2			2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
3			2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4			1-Hexanol, 6-[(tetrahydro-2H-pyr...	202	C11H22O3	028659-22-5	9
5			10-(Tetrahydro-pyran-2-yloxy)-tr...	252	C15H24O3	1000192-28-8	9



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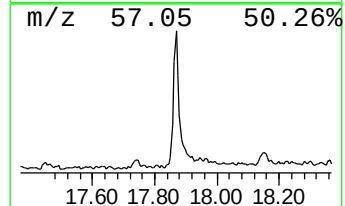
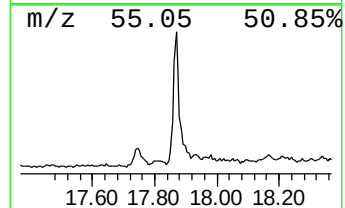
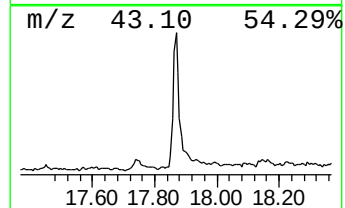
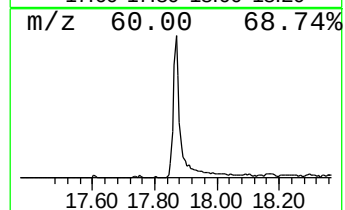
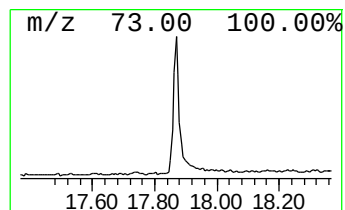
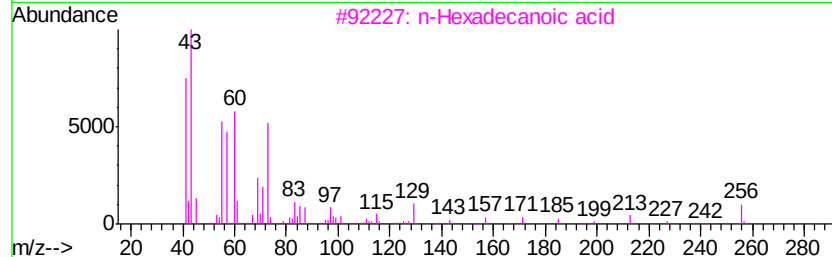
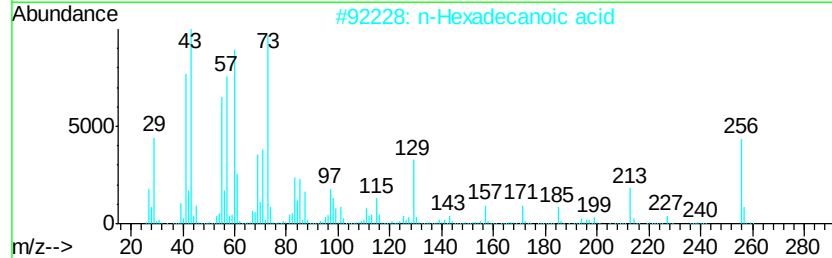
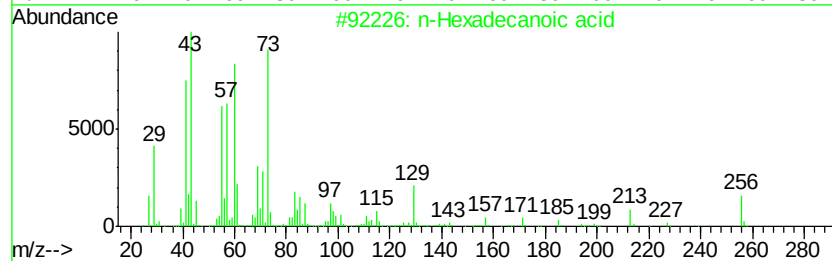
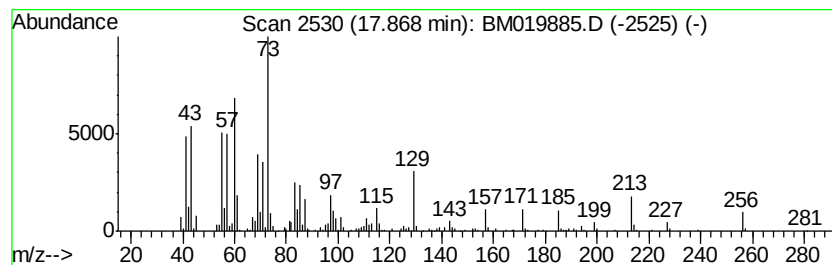
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	7.08 ng/ul	544635	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	52



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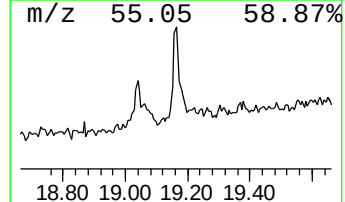
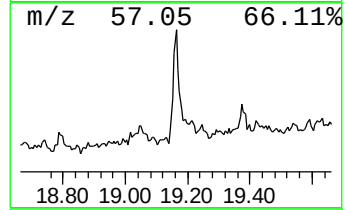
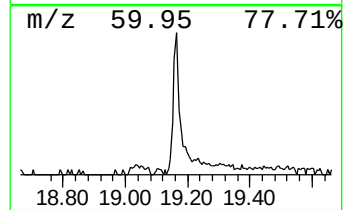
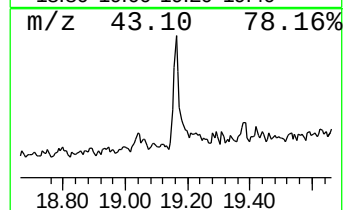
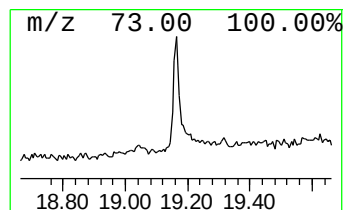
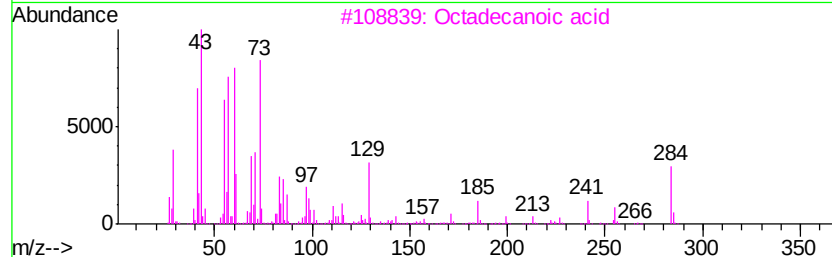
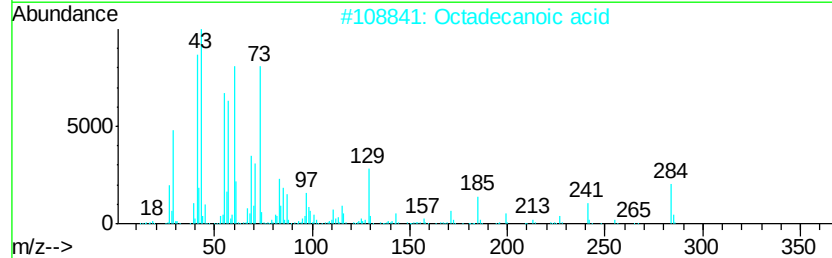
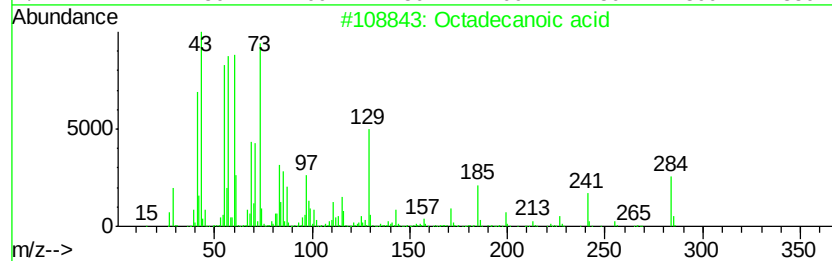
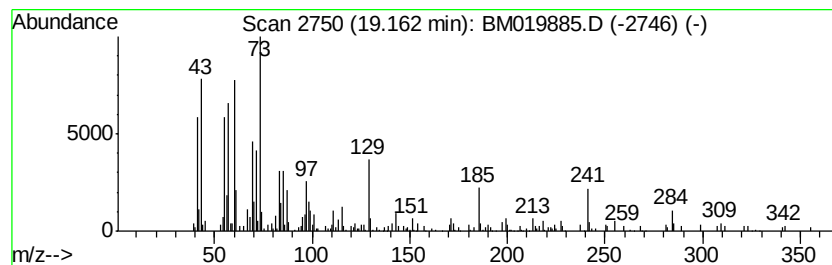
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.67 ng/ul	247620	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	



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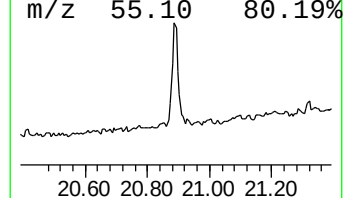
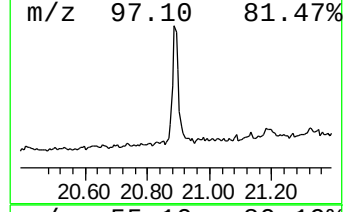
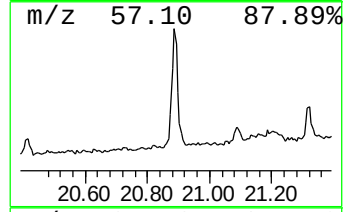
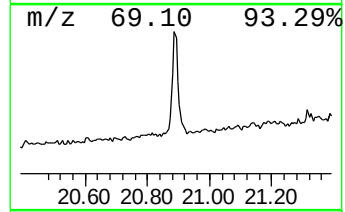
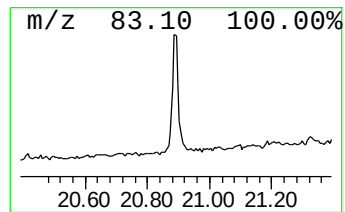
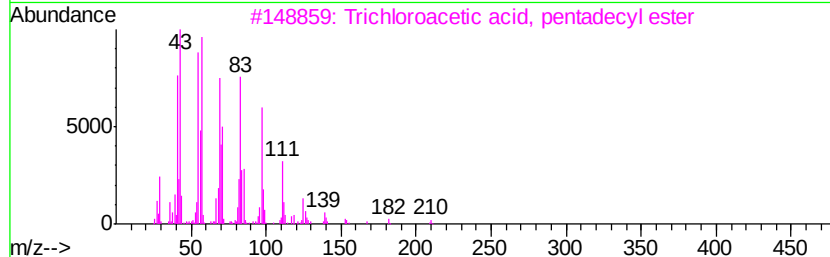
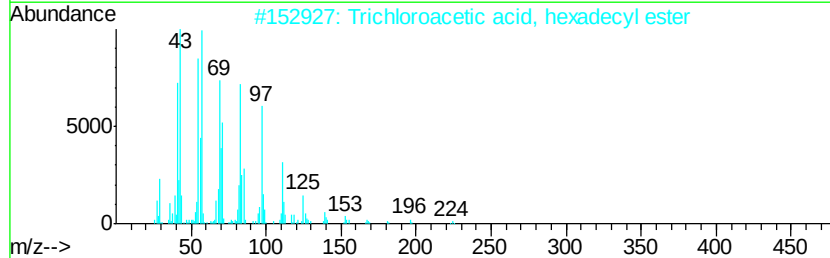
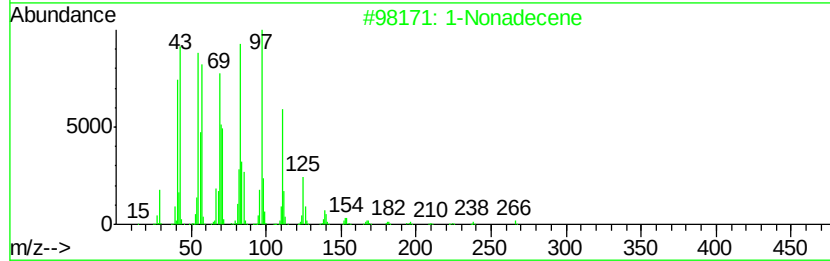
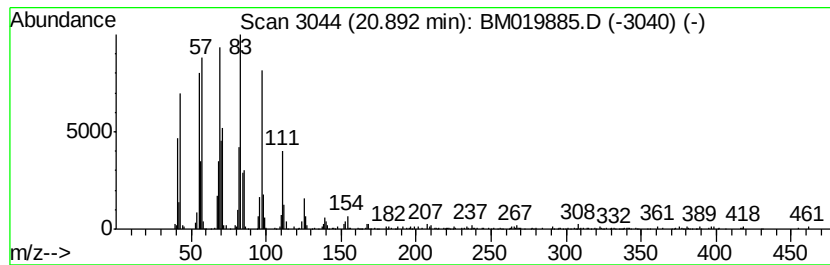
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.05 ng/ul	561978	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Isoheptadecanol	256	C17H36O	057289-07-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019885.D
Acq On : 11 Apr 2019 04:55
Operator : JU/SJ
Sample : K2303-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF896

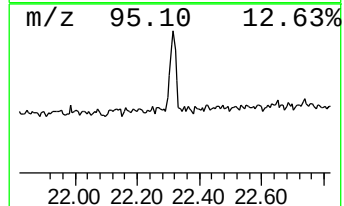
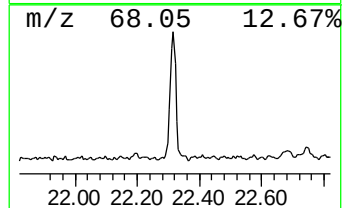
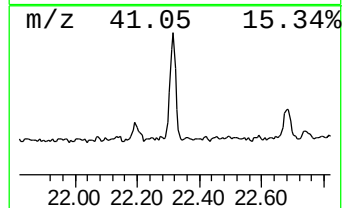
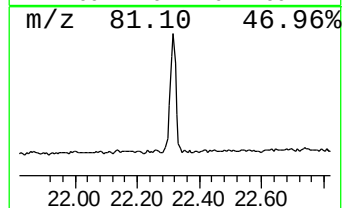
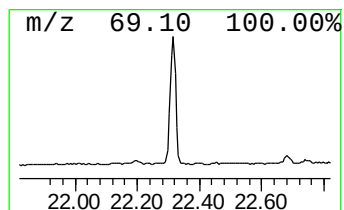
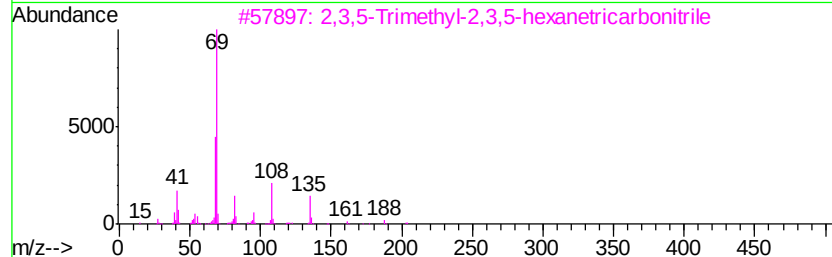
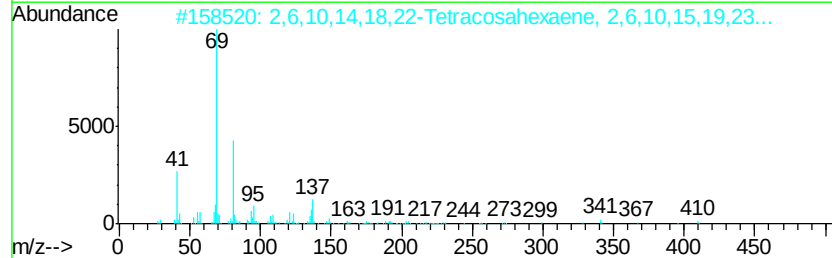
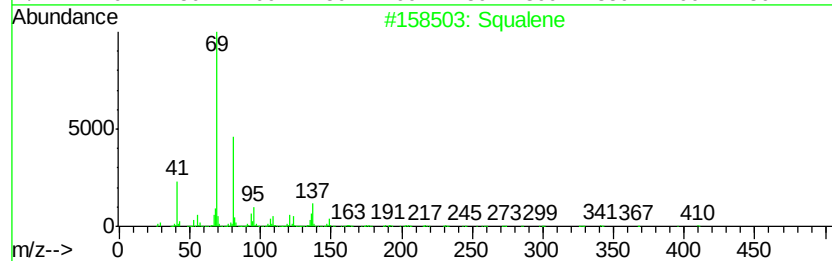
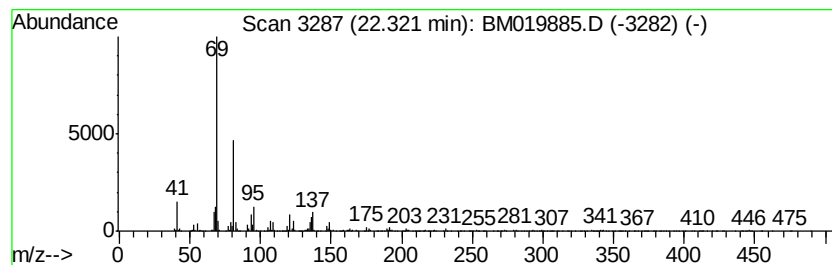
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	7.18 ng/ul	826109	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	97
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
4		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	58
5		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019885.D
Acq On : 11 Apr 2019 04:55
Operator : JU/SJ
Sample : K2303-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF896

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
unknown-01	3.61	4.5	ng/ul	221374	1	7.55	987877	20.0
n-Hexadecanoic acid	17.87	7.1	ng/ul	544635	4	16.98	1538070	20.0
Octadecanoic acid	19.16	2.7	ng/ul	247620	5	21.19	1858100	20.0
(DEL) Alkane: Cyc...	20.89	6.0	ng/ul	561978	5	21.19	1858100	20.0
Squalene	22.32	7.2	ng/ul	826109	6	23.40	2300410	20.0