

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021284.D
 Acq On : 30 Jun 2019 04:31
 Operator : HP/JU
 Sample : K3590-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA6

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-BM061419MA.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	3.011	3	4	12	rVB	2656674	2902450	7.80%	1.021%
2	4.405	236	241	249	rVB	342617	463354	1.24%	0.163%
3	6.016	510	515	528	rBV	163666	311422	0.84%	0.110%
4	6.804	639	649	653	rBV	165477	360466	0.97%	0.127%
5	6.857	653	658	663	rVB	242080	335496	0.90%	0.118%
6	6.934	664	671	682	rVB	906389	1514806	4.07%	0.533%
7	7.099	694	699	706	rVB	646316	937992	2.52%	0.330%
8	7.293	726	732	742	rBV	935721	1464723	3.93%	0.515%
9	7.757	804	811	819	rBV	1239254	1961913	5.27%	0.690%
10	8.463	925	931	940	rVB	1146191	1856779	4.99%	0.653%
11	8.922	1002	1009	1018	rBV	901340	1555049	4.18%	0.547%
12	9.246	1056	1064	1067	rBV	242491	391956	1.05%	0.138%
13	9.281	1067	1070	1082	rVB	188684	291471	0.78%	0.103%
14	9.634	1118	1130	1142	rVB	784202	1322064	3.55%	0.465%
15	10.169	1214	1221	1238	rVB	1319908	2253219	6.05%	0.793%
16	10.545	1277	1285	1292	rBV	1840107	3008076	8.08%	1.058%
17	10.692	1304	1310	1328	rBV	213343	498054	1.34%	0.175%
18	11.092	1372	1378	1388	rBV	83134	156558	0.42%	0.055%
19	11.775	1489	1494	1501	rVB	113001	171429	0.46%	0.060%
20	13.816	1830	1841	1845	rBV	2361080	3538473	9.51%	1.245%
21	13.857	1845	1848	1855	rVB	644077	889641	2.39%	0.313%
22	14.092	1882	1888	1897	rVB	2709409	4091152	10.99%	1.439%
23	14.263	1913	1917	1925	rVB2	94306	149907	0.40%	0.053%
24	14.398	1934	1940	1947	rVV2	2830972	4404801	11.83%	1.550%
25	14.622	1970	1978	1989	rBV	873618	1573655	4.23%	0.554%
26	14.816	2008	2011	2020	rVB3	124429	219199	0.59%	0.077%
27	15.398	2104	2110	2116	rVV	3803742	5390813	14.48%	1.896%
28	15.527	2127	2132	2138	rBV	822452	1121556	3.01%	0.395%
29	15.633	2145	2150	2155	rBV3	72152	131179	0.35%	0.046%
30	15.745	2161	2169	2176	rBV9	51205	131244	0.35%	0.046%
31	15.963	2199	2206	2214	rVB6	70192	197370	0.53%	0.069%
32	16.257	2251	2256	2260	rBV3	192981	284203	0.76%	0.100%
33	16.474	2289	2293	2301	rVB3	141407	211864	0.57%	0.075%
34	16.557	2301	2307	2311	rBV	806207	1111168	2.98%	0.391%

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35	16.592	2311	2313	2319	rVB2	106082	143272	0.38%	0.050%
36	16.804	2345	2349	2355	rVB2	81977	142736	0.38%	0.050%
37	16.904	2361	2366	2370	rBV5	151222	305602	0.82%	0.108%
38	16.969	2375	2377	2383	rVB2	100381	137182	0.37%	0.048%
39	17.051	2386	2391	2398	rBV	1387905	1871727	5.03%	0.658%
40	17.116	2398	2402	2404	rVV	770990	937043	2.52%	0.330%
41	17.151	2404	2408	2412	rVV2	3632527	5335378	14.33%	1.877%
42	17.192	2412	2415	2419	rVV	1269202	1871610	5.03%	0.658%
43	17.251	2419	2425	2433	rVV	3922546	5776110	15.52%	2.032%
44	17.321	2433	2437	2443	rVB2	284169	380172	1.02%	0.134%
45	17.533	2469	2473	2475	rBV2	144613	205647	0.55%	0.072%
46	17.557	2475	2477	2487	rVB	135594	201870	0.54%	0.071%
47	17.663	2492	2495	2502	rVB5	118019	199353	0.54%	0.070%
48	17.786	2511	2516	2524	rBV3	310050	645887	1.74%	0.227%
49	17.863	2524	2529	2534	rBV6	117353	244691	0.66%	0.086%
50	17.939	2534	2542	2548	rBV	4882090	8118239	21.81%	2.856%
51	18.004	2548	2553	2558	rVV	4620490	6714131	18.04%	2.362%
52	18.074	2558	2565	2577	rVB	12836381	21810005	58.59%	7.672%
53	18.221	2585	2590	2594	rBV2	207269	328986	0.88%	0.116%
54	18.345	2603	2611	2618	rBV3	710522	1416898	3.81%	0.498%
55	18.480	2630	2634	2638	rBV	301139	375520	1.01%	0.132%
56	18.533	2639	2643	2647	rBV2	236894	363739	0.98%	0.128%
57	18.574	2647	2650	2652	rBV2	148080	179574	0.48%	0.063%
58	18.651	2660	2663	2670	rVB4	215807	341525	0.92%	0.120%
59	18.715	2670	2674	2679	rBV	189009	329283	0.88%	0.116%
60	18.774	2680	2684	2690	rVB	1591745	1899716	5.10%	0.668%
61	19.063	2728	2733	2738	rBV	1688749	2230905	5.99%	0.785%
62	19.233	2749	2762	2772	rBV4	12263017	37225521	100.00%	13.095%
63	19.333	2775	2779	2789	rVB	2356799	3451728	9.27%	1.214%
64	19.545	2810	2815	2818	rBV	4549294	6486502	17.42%	2.282%
65	19.574	2818	2820	2825	rVV	2403754	2886094	7.75%	1.015%
66	19.615	2825	2827	2830	rVB	217818	223528	0.60%	0.079%
67	20.027	2893	2897	2899	rBV3	279481	412445	1.11%	0.145%
68	20.074	2899	2905	2909	rVB3	437459	989242	2.66%	0.348%
69	20.145	2914	2917	2918	rBV3	143003	154510	0.42%	0.054%
70	20.221	2926	2930	2934	rBV2	272793	509359	1.37%	0.179%
71	20.409	2959	2962	2967	rVB3	358079	527661	1.42%	0.186%

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72	20.545	2981	2985	2994	rVB3	2046143	2989495	8.03%	1.052%
73	20.815	3029	3031	3037	rVB	235891	298283	0.80%	0.105%
74	20.898	3043	3045	3049	rVB4	213366	213798	0.57%	0.075%
75	21.039	3065	3069	3078	rVB4	1758357	2386375	6.41%	0.839%
76	21.115	3079	3082	3090	rVB	323618	470577	1.26%	0.166%
77	21.239	3101	3103	3109	rVB	262217	294029	0.79%	0.103%
78	21.339	3113	3120	3123	rVV2	3848442	6868698	18.45%	2.416%
79	21.374	3123	3126	3132	rVB	1483183	1831627	4.92%	0.644%
80	21.915	3214	3218	3219	rBV	928974	1074237	2.89%	0.378%
81	21.933	3219	3221	3230	rVB3	1065833	1514541	4.07%	0.533%
82	22.380	3294	3297	3301	rBV2	560783	681630	1.83%	0.240%
83	22.509	3316	3319	3324	rVB	462103	572764	1.54%	0.201%
84	22.621	3332	3338	3345	rBV	7328152	10659273	28.63%	3.750%
85	22.898	3380	3385	3388	rBV	2182803	3679596	9.88%	1.294%
86	22.951	3388	3394	3405	rVB2	13867749	24808928	66.64%	8.727%
87	23.415	3468	3473	3476	rBV	690723	1232508	3.31%	0.434%
88	23.468	3476	3482	3486	rVV	3131017	5799646	15.58%	2.040%
89	23.509	3486	3489	3499	rVB	1016867	1860586	5.00%	0.655%
90	23.609	3500	3506	3512	rBV	2385142	4283821	11.51%	1.507%
91	23.792	3531	3537	3544	rVB	3634992	6451528	17.33%	2.269%
92	24.121	3587	3593	3602	rVB	3022050	5905353	15.86%	2.077%
93	24.215	3603	3609	3620	rVB	2820386	5834753	15.67%	2.053%
94	24.886	3717	3723	3737	rVB5	1606995	3991785	10.72%	1.404%
95	25.339	3793	3800	3812	rVB	2356797	5761964	15.48%	2.027%
96	25.762	3865	3872	3878	rBV	1546435	4157558	11.17%	1.463%
97	25.909	3892	3897	3912	rVB2	1165930	3443416	9.25%	1.211%
98	26.050	3916	3921	3935	rVB3	1282172	3517277	9.45%	1.237%
99	26.686	4022	4029	4041	rVB2	2780355	8277928	22.24%	2.912%
100	28.280	4294	4300	4316	rVB2	1463492	4832753	12.98%	1.700%

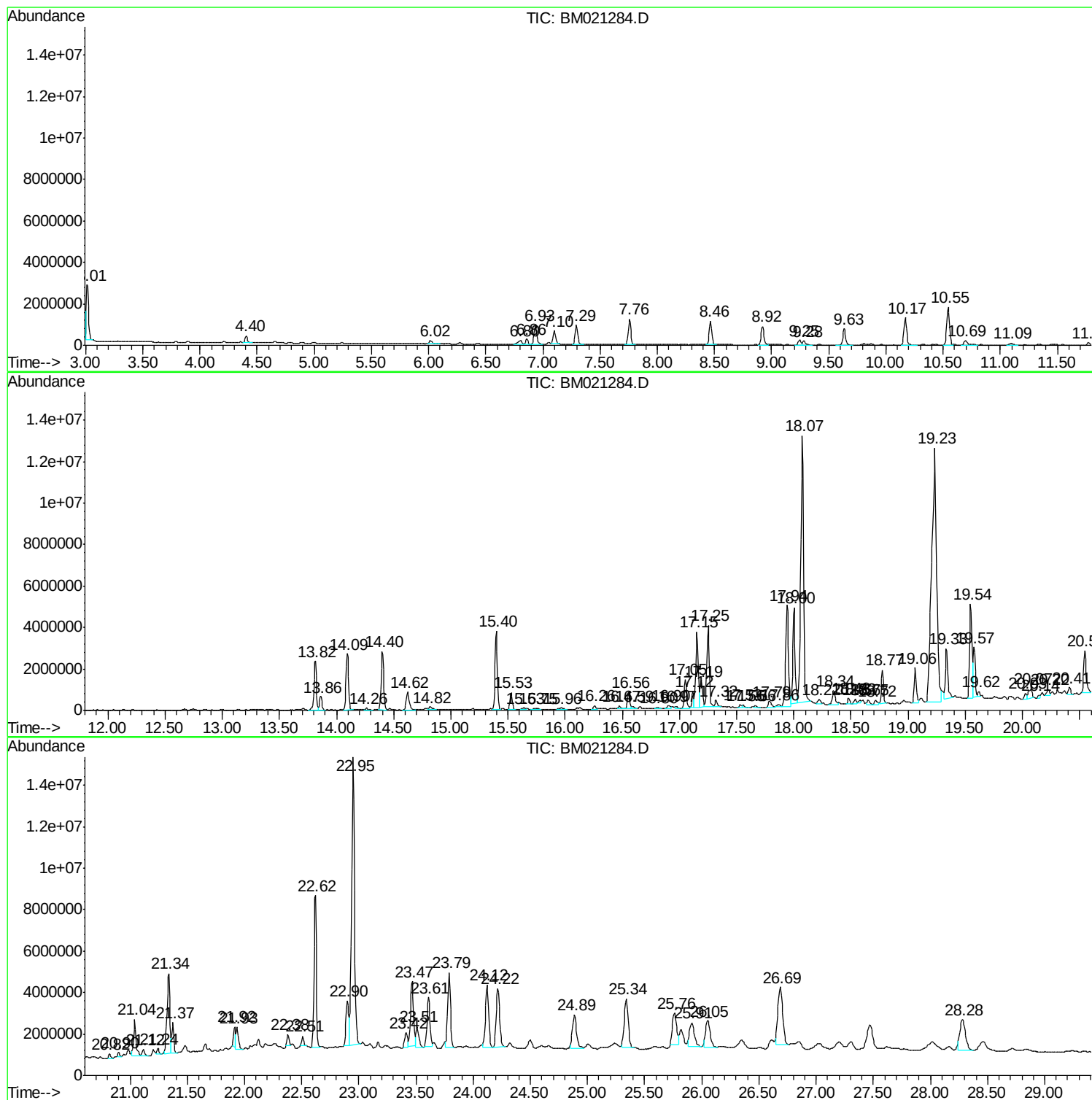
Sum of corrected areas: 284271620

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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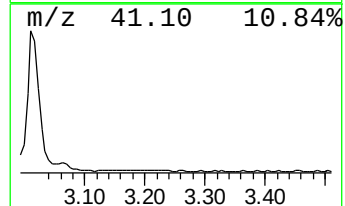
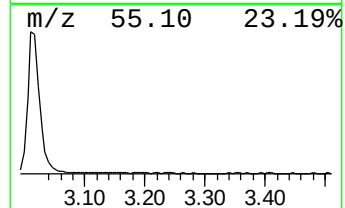
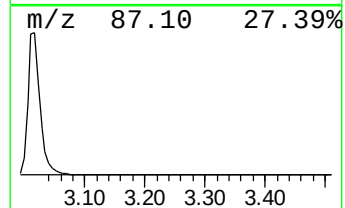
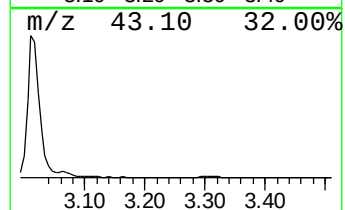
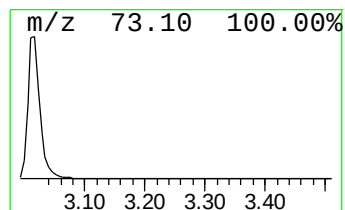
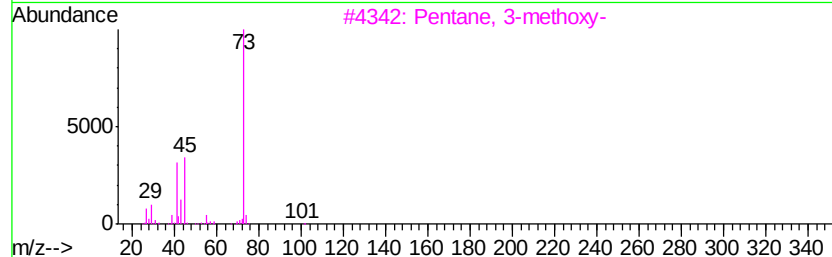
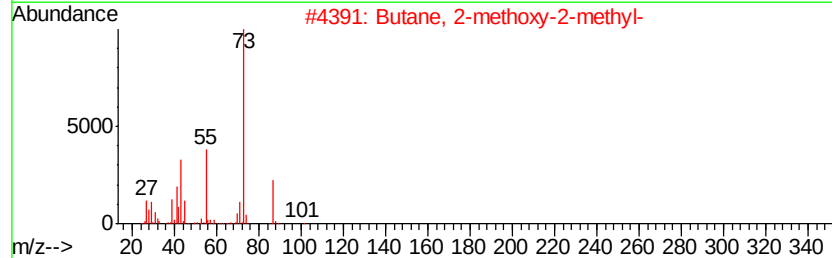
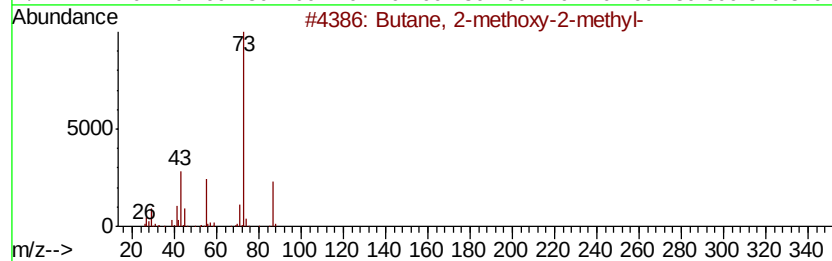
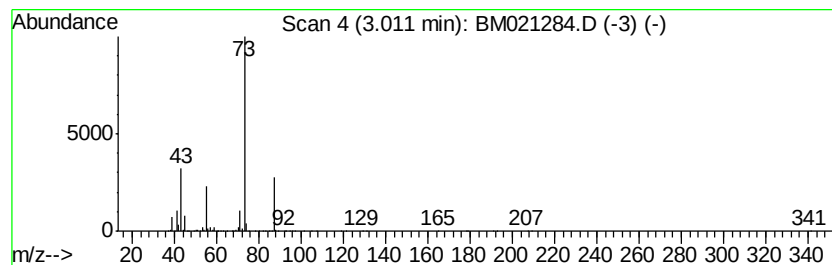
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	29.59 ng/ul	2902450	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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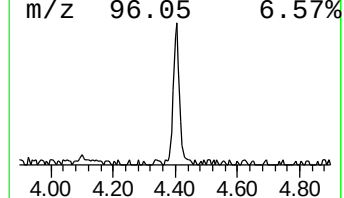
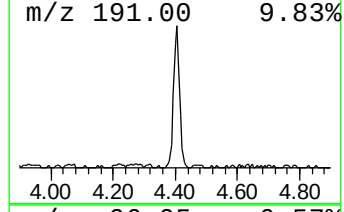
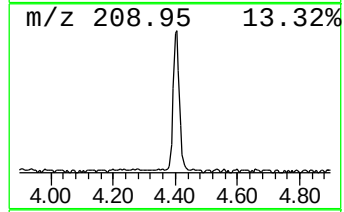
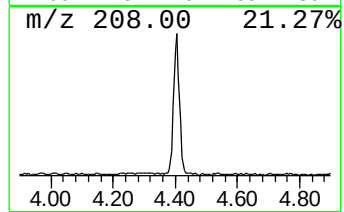
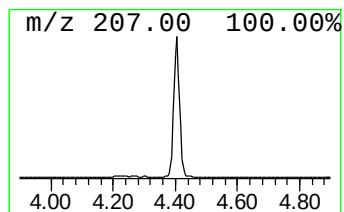
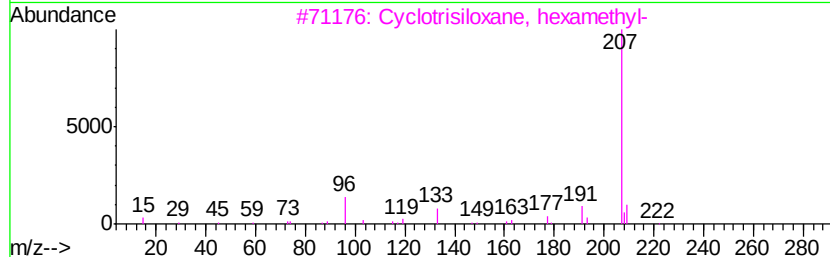
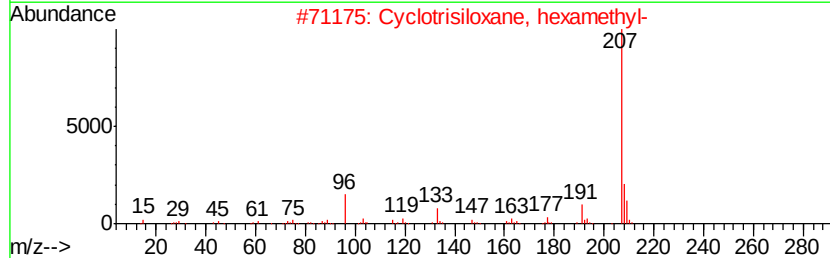
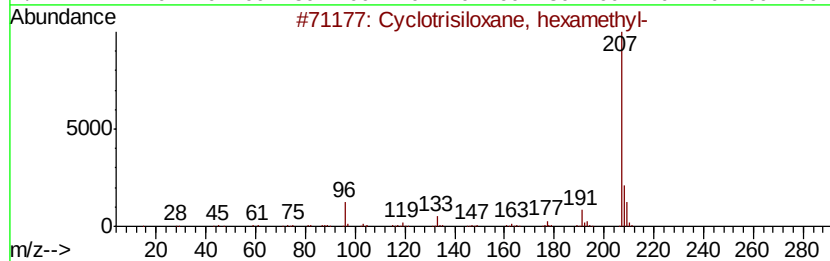
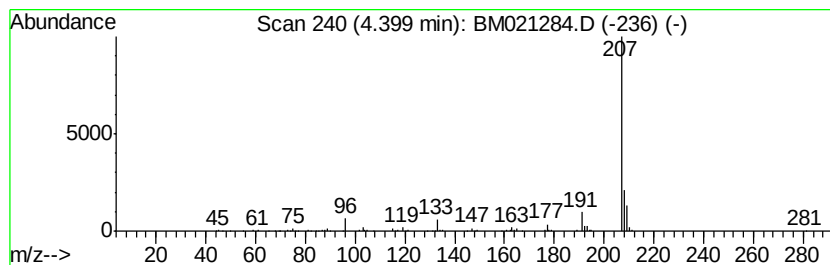
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	4.72 ng/ul	463354	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
4		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
5		Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39



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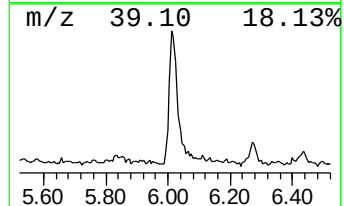
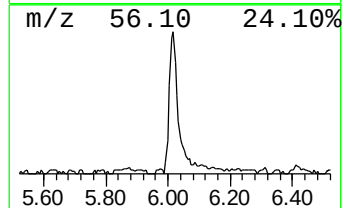
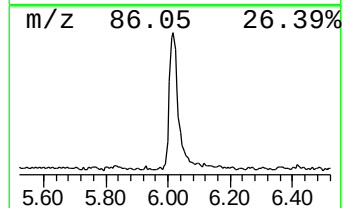
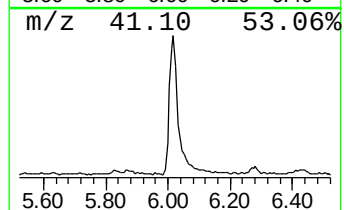
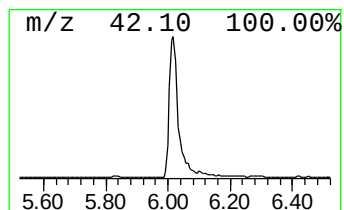
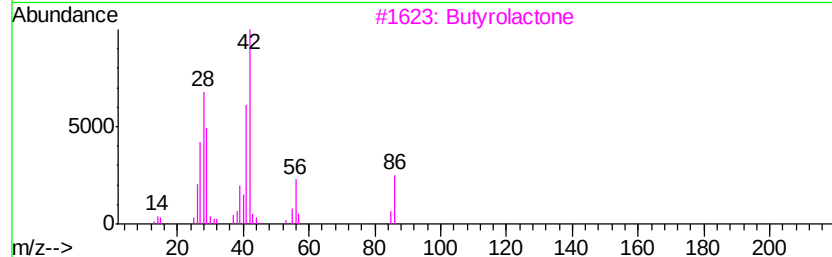
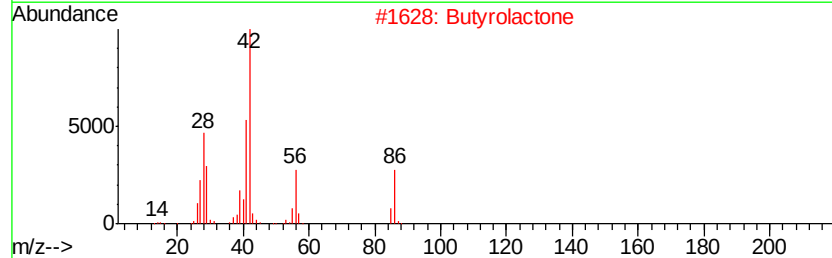
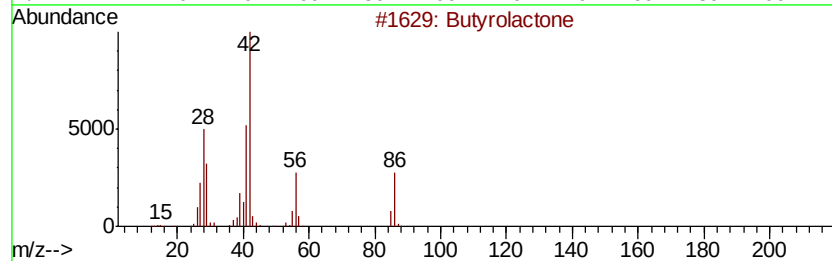
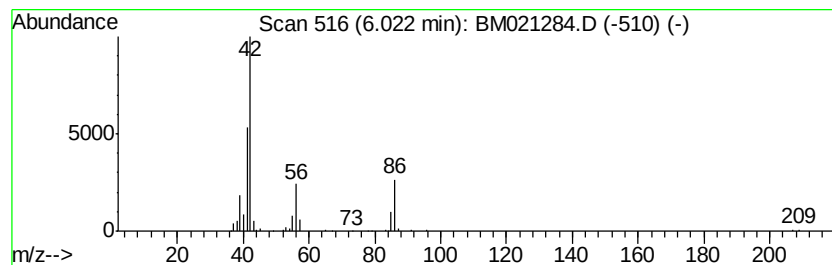
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Butyrolactone Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	3.17 ng/ul	311422	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyrolactone	86	C4H6O2	000096-48-0	91
2		Butyrolactone	86	C4H6O2	000096-48-0	91
3		Butyrolactone	86	C4H6O2	000096-48-0	90
4		Butyrolactone	86	C4H6O2	000096-48-0	86
5		Butyrolactone	86	C4H6O2	000096-48-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C5BA6

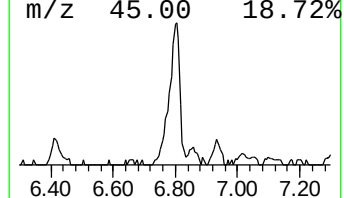
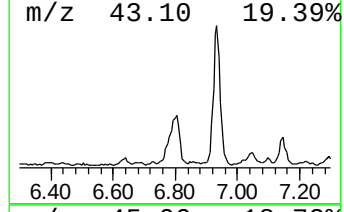
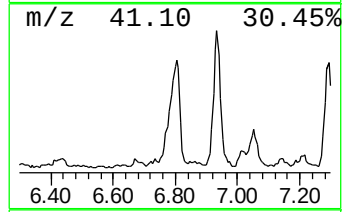
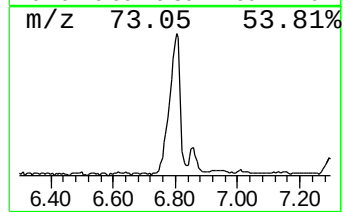
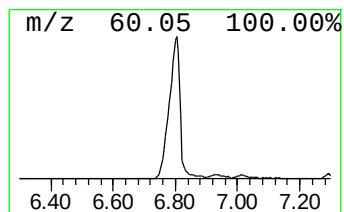
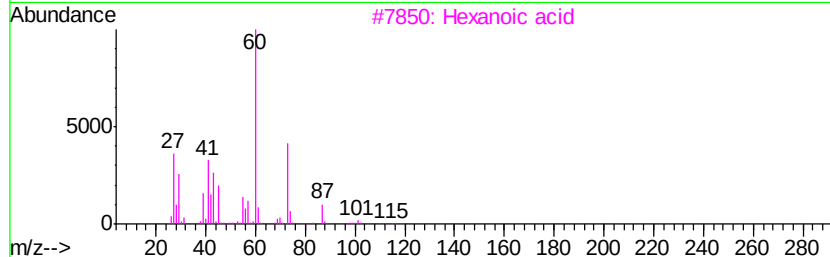
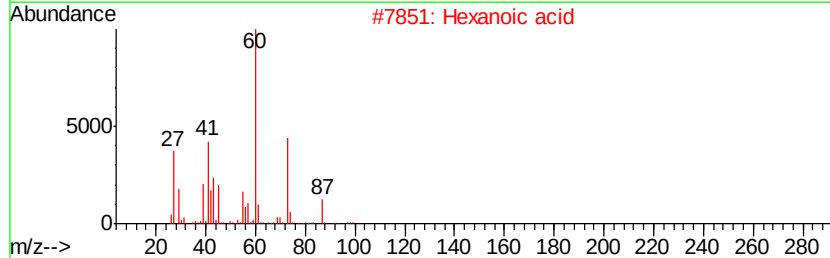
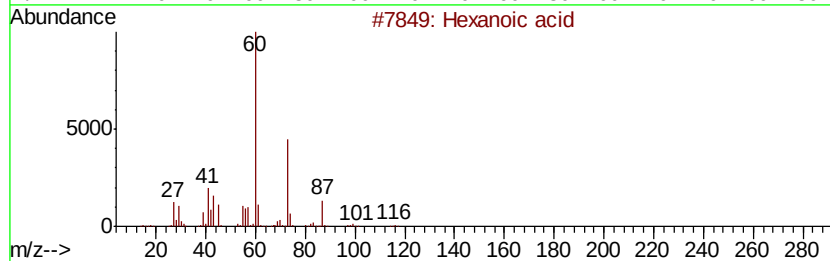
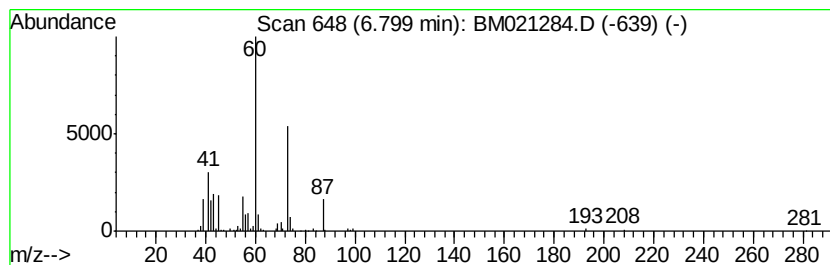
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	3.67 ng/ul	360466	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid	116	C6H12O2	000142-62-1	83
2		Hexanoic acid	116	C6H12O2	000142-62-1	83
3		Hexanoic acid	116	C6H12O2	000142-62-1	83
4		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
5		Octanoic Acid	144	C8H16O2	000124-07-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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Sample : K3590-07
Misc :
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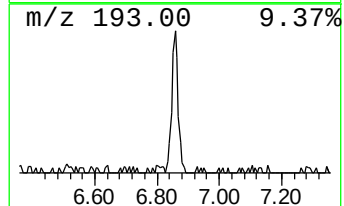
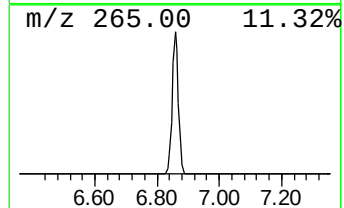
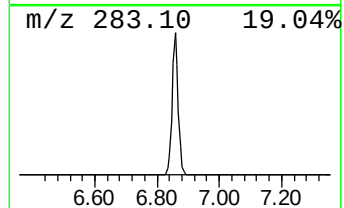
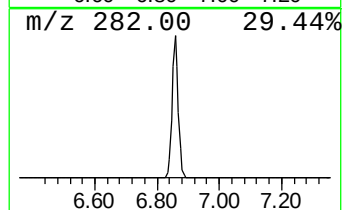
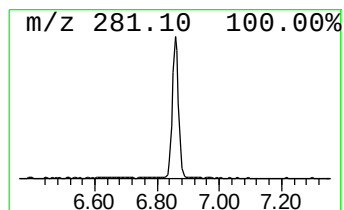
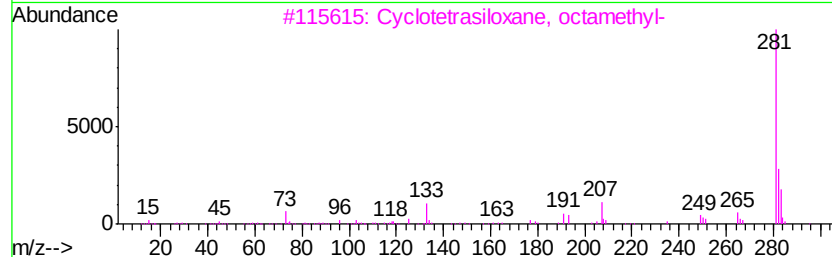
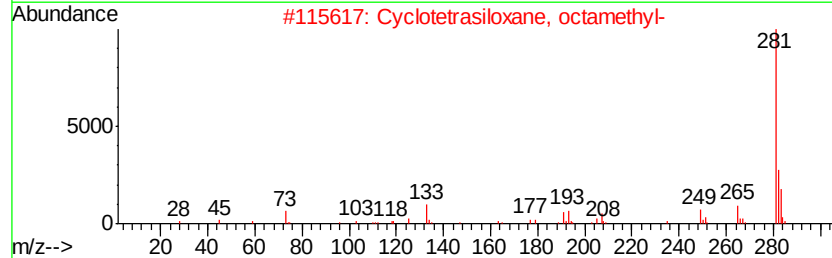
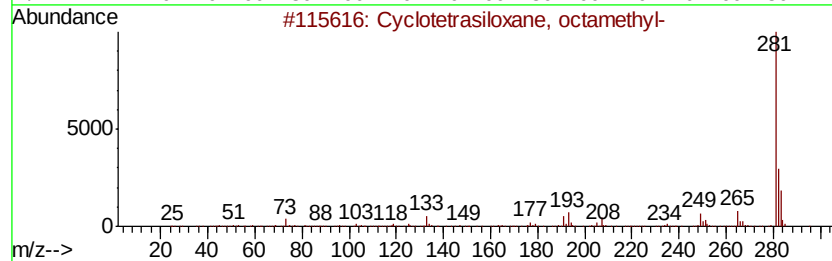
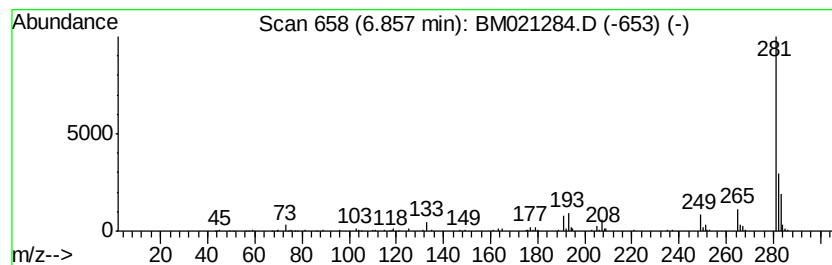
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.42 ng/ul	335496	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
4		Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	53
5		Benzofuran-6-ol-3-one, 2-(4-etho...	310	C18H14O5	1000128-64-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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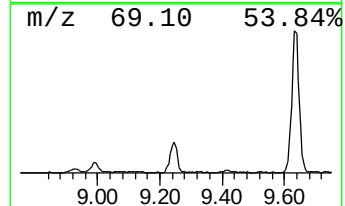
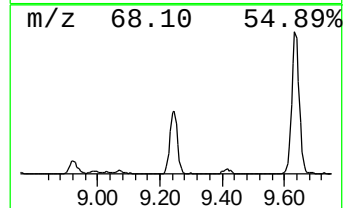
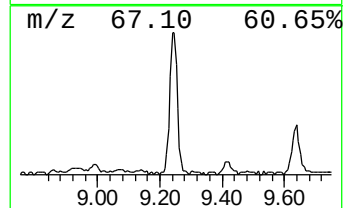
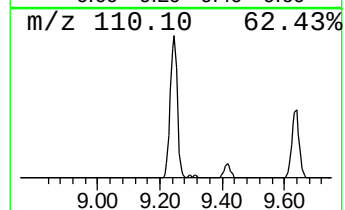
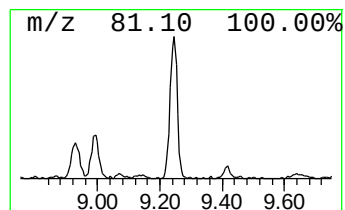
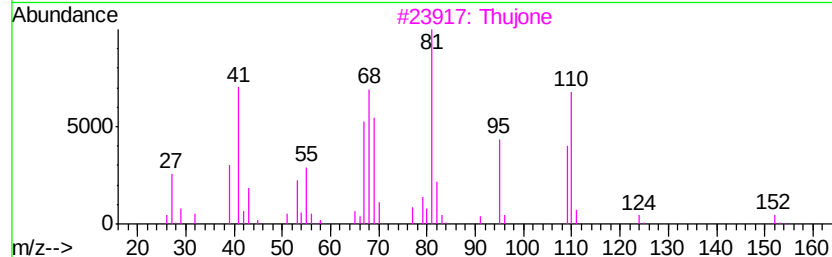
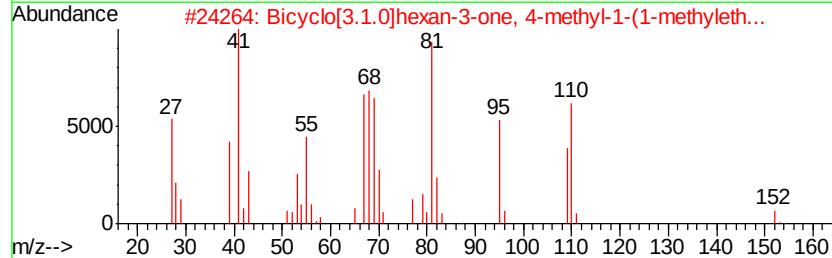
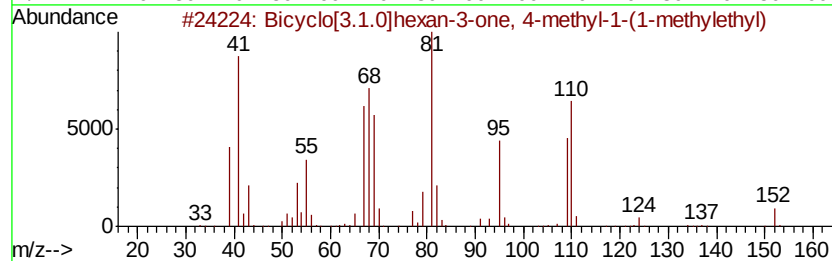
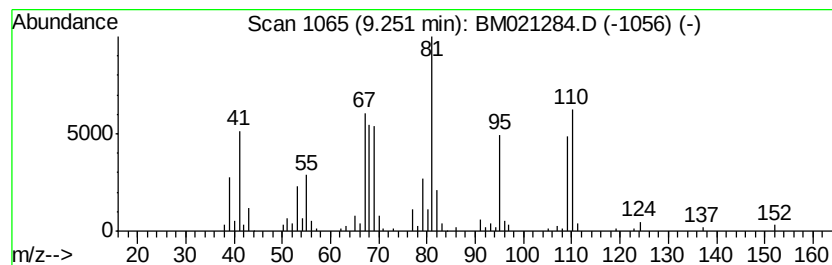
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Bicyclo[3.1.0]hexan-3-one, ... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.61 ng/ul	391956	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	91
2		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	87
3		Thujone	152	C10H16O	000546-80-5	87
4		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	83
5		3,5-Octadiene, (Z,Z)-	110	C8H14	007348-80-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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Sample : K3590-07
Misc :
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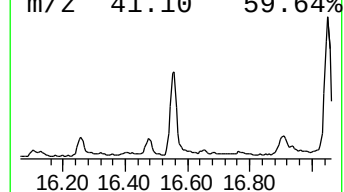
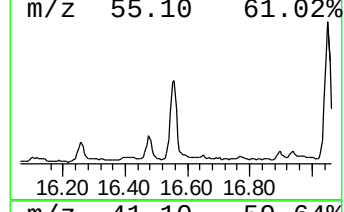
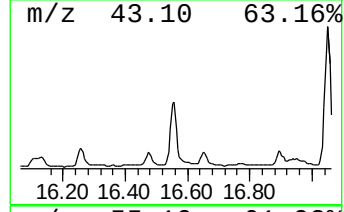
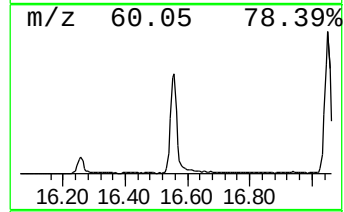
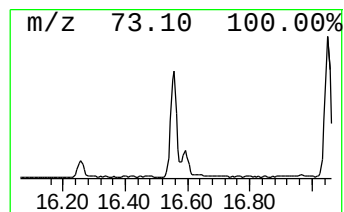
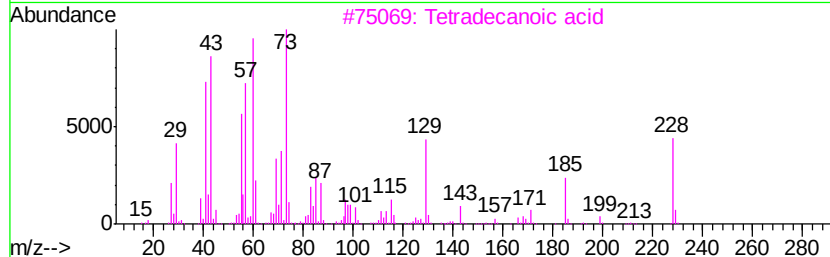
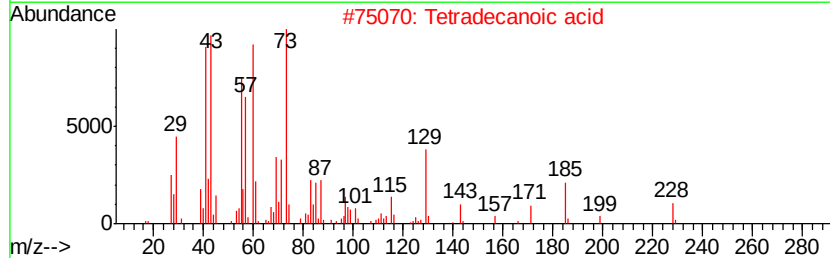
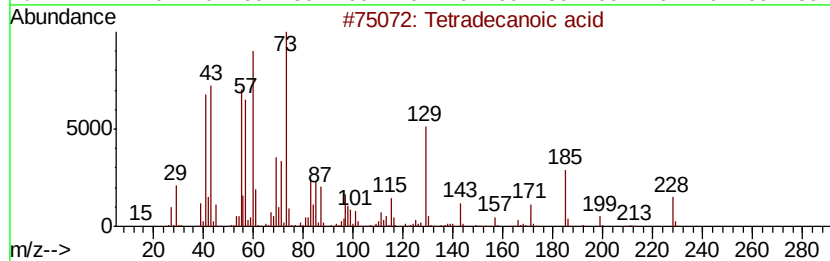
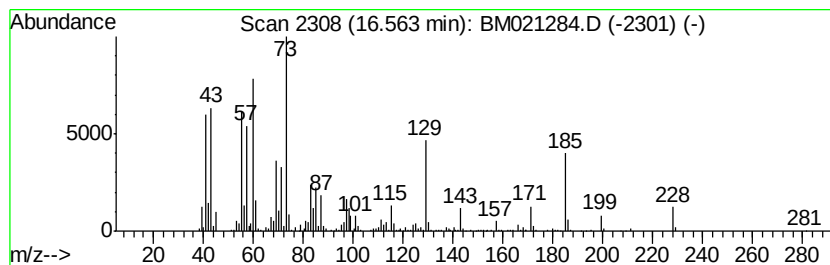
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Tetradecanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.56	4.17 ng/ul	1111170	Phenanthrene-d10	17.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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Sample : K3590-07
Misc :
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Instrument :
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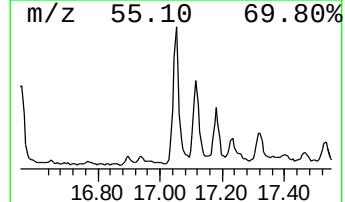
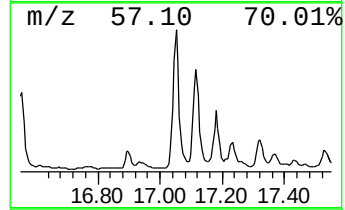
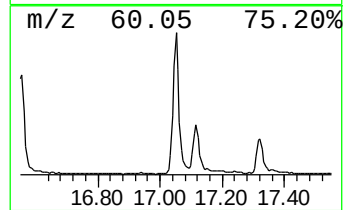
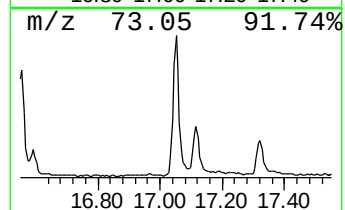
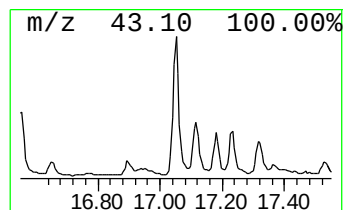
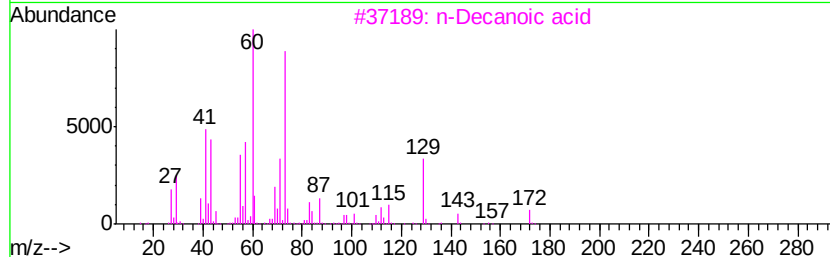
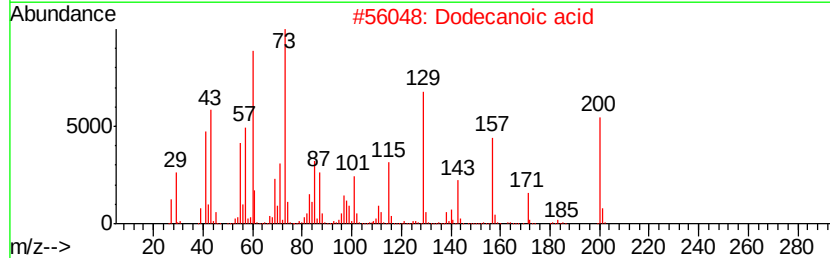
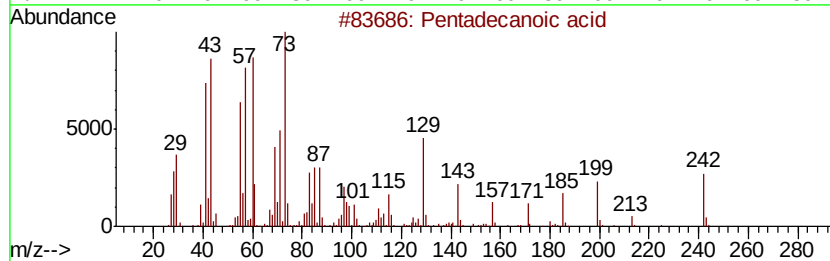
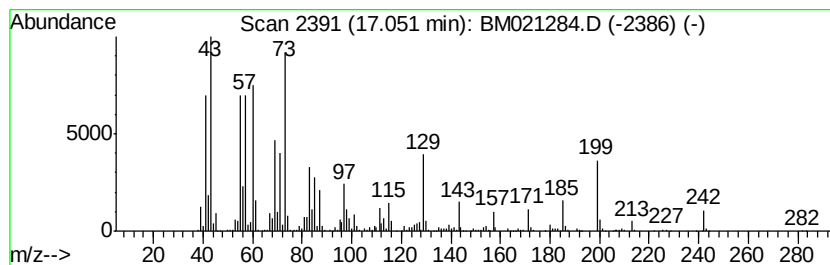
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Pentadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	7.02 ng/ul	1871730	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	98
2		Dodecanoic acid	200	C12H24O2	000143-07-7	86
3		n-Decanoic acid	172	C10H20O2	000334-48-5	70
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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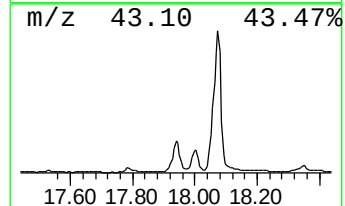
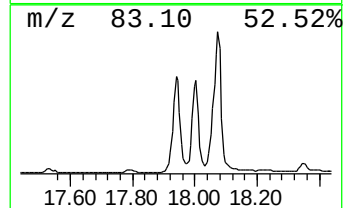
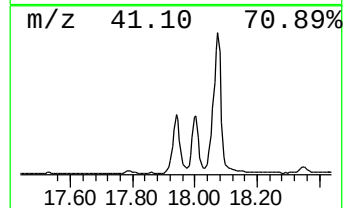
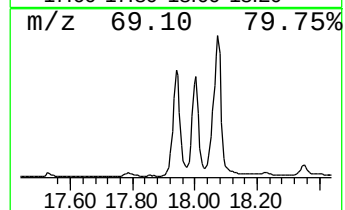
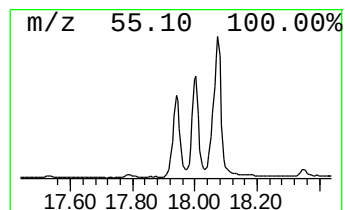
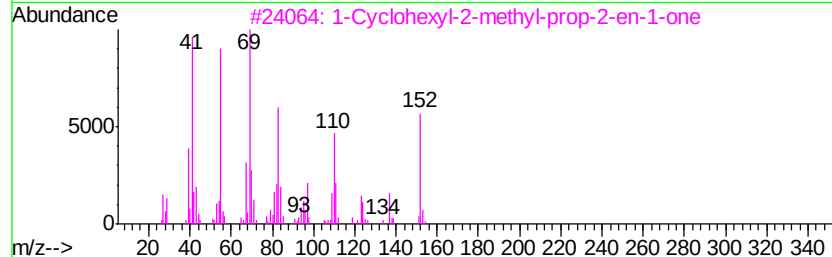
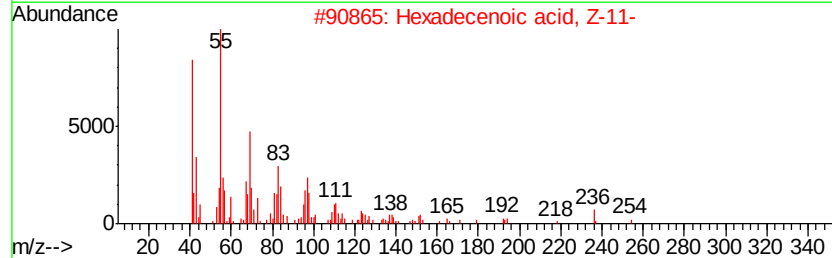
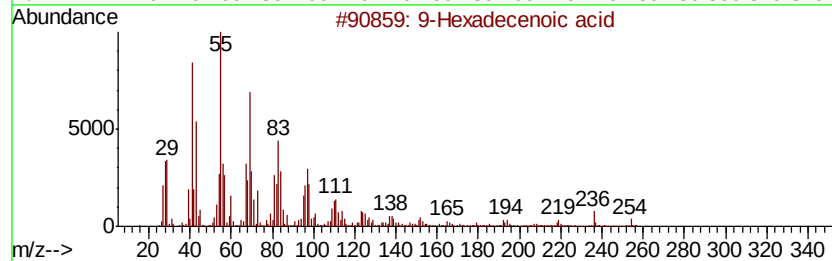
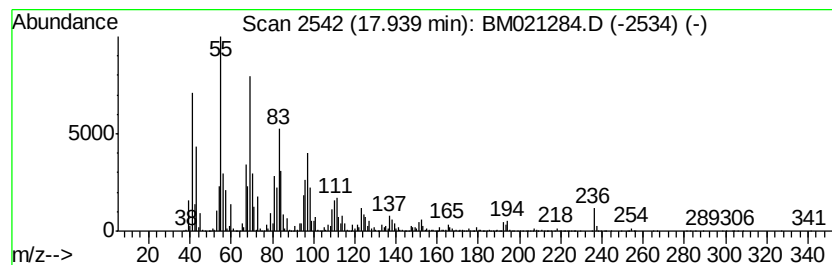
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9-Hexadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.94	30.43 ng/ul	8118240	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64
2		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	60
3		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60
4		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	49
5		4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 04:31
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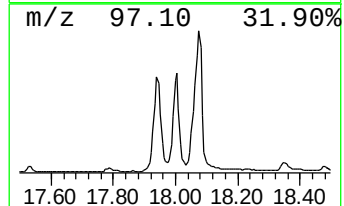
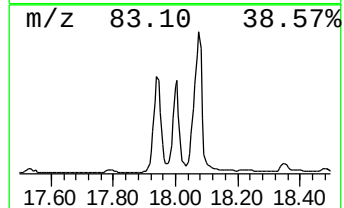
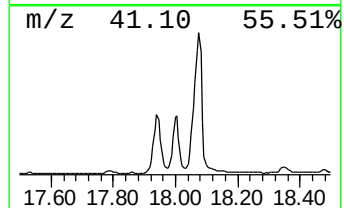
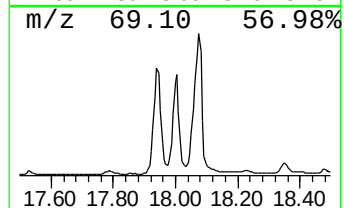
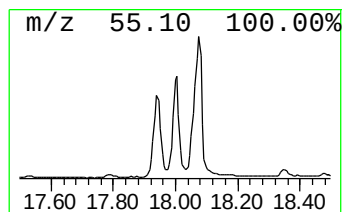
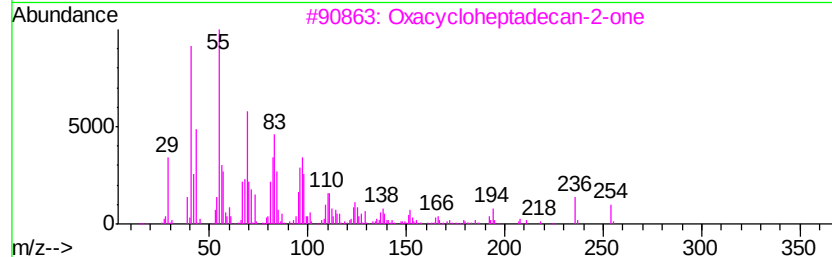
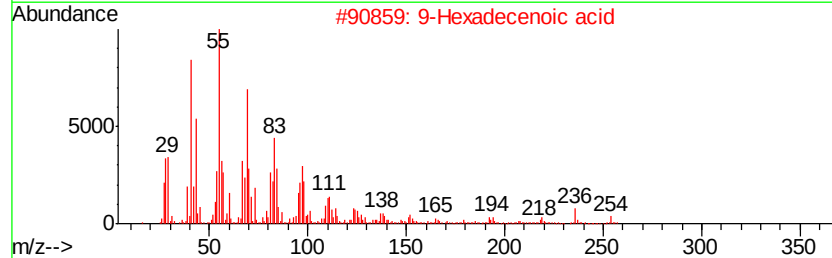
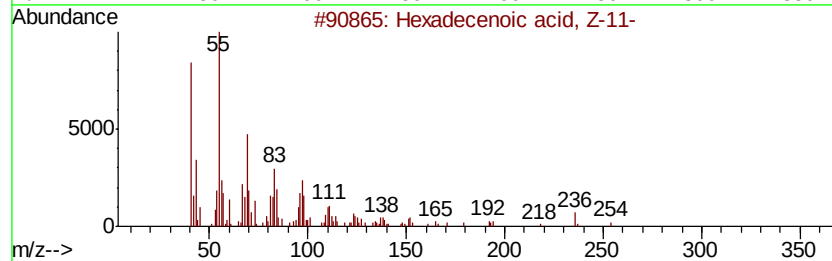
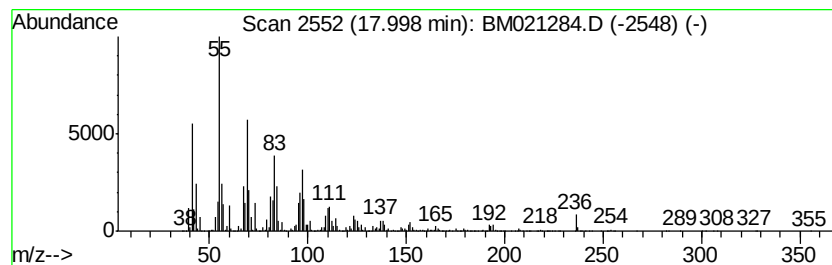
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Hexadecenoic acid, Z-11- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	25.17 ng/ul	6714130	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
3		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	90
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	86
5		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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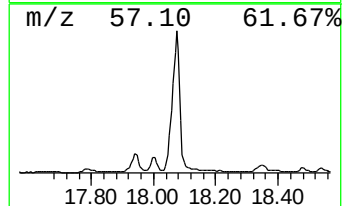
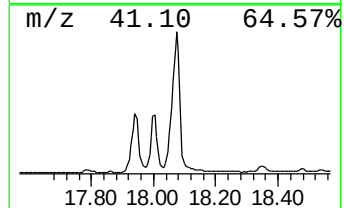
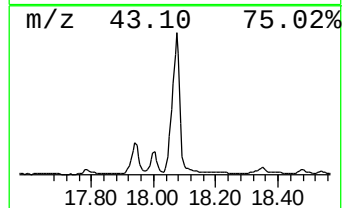
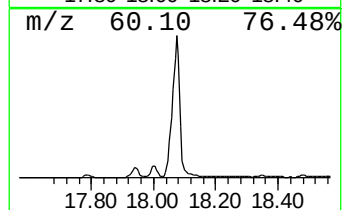
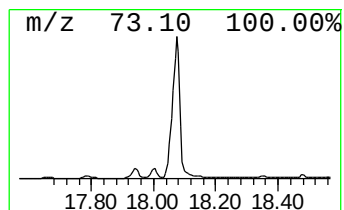
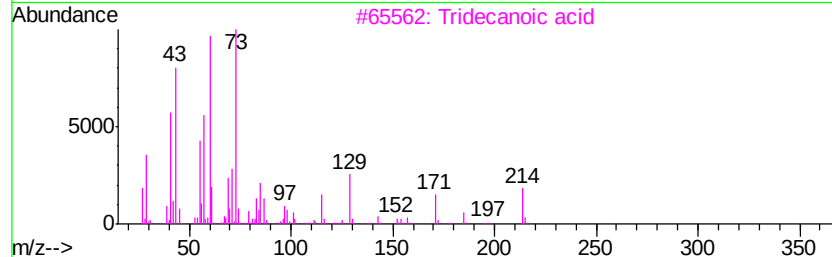
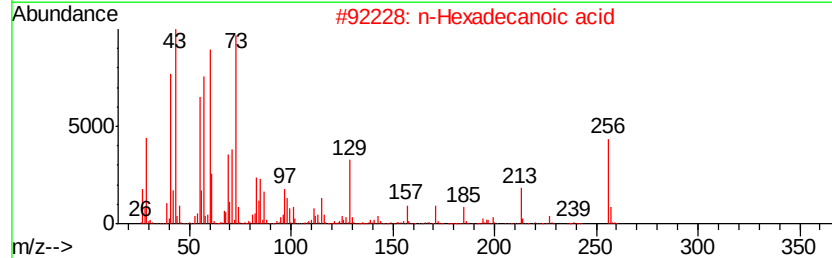
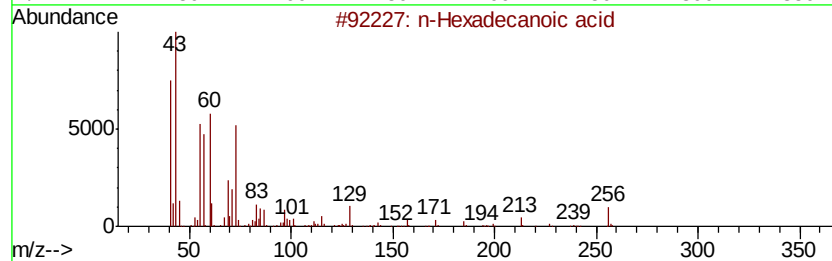
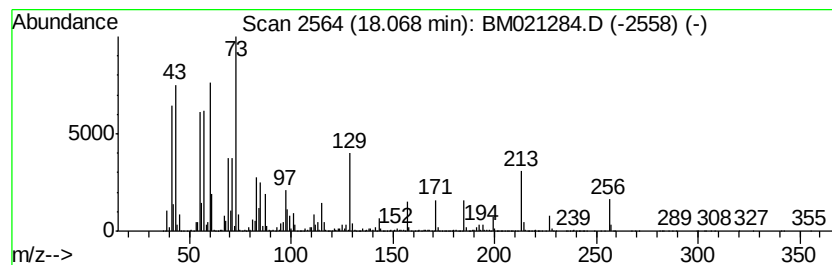
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	81.76 ng/ul	21810000	Phenanthrene-d10	17.15

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		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

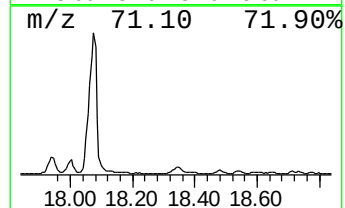
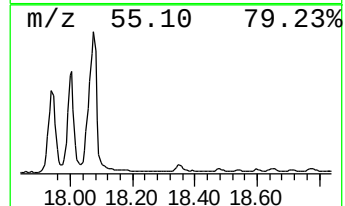
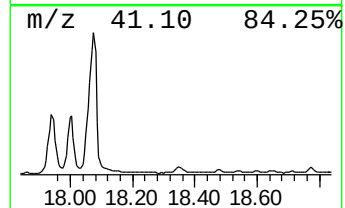
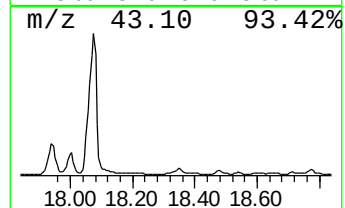
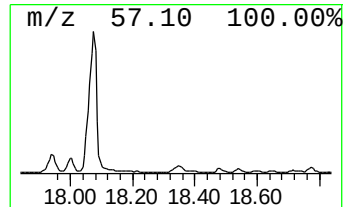
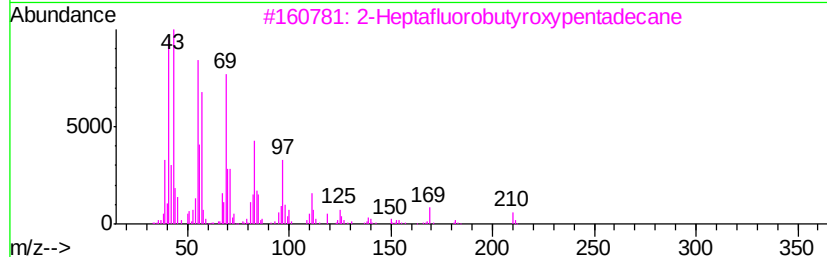
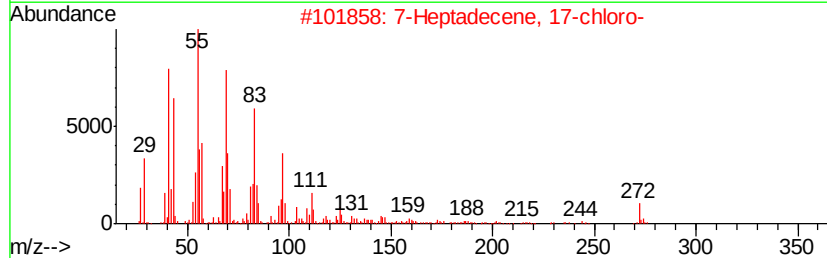
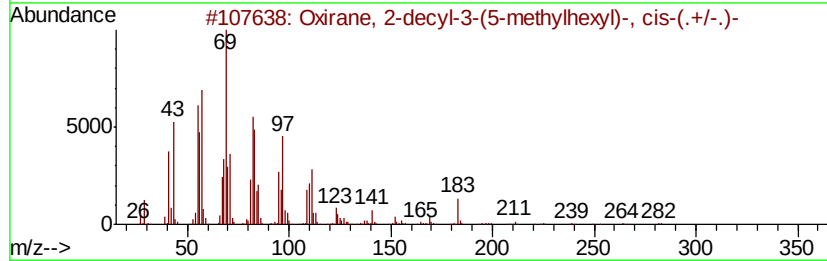
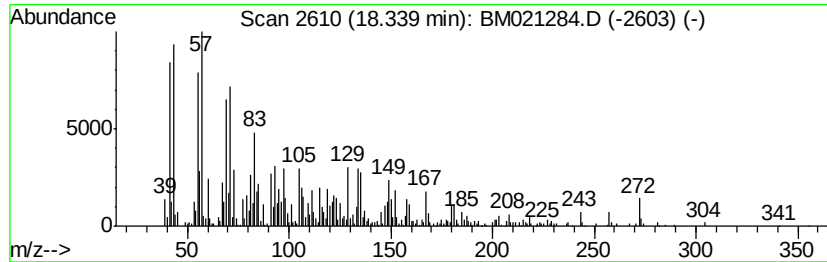
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Oxirane, 2-decyl-3-(5-methy... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.34	5.31 ng/ul	1416900	Phenanthrene-d10		17.15	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, 2-decyl-3-(5-methylhexyl)-	282	C19H38O	057457-72-4	60
2		7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	46
3		2-Heptafluorobutyroxy-pentadecane	424	C19H31F7O2	1000245-50-0	46
4		3-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	061639-18-7	45
5		4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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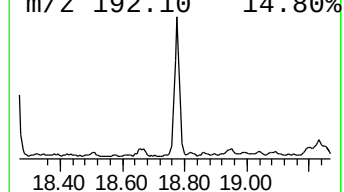
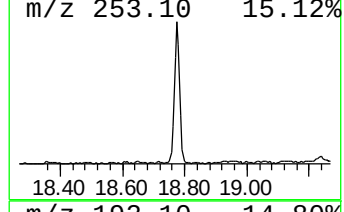
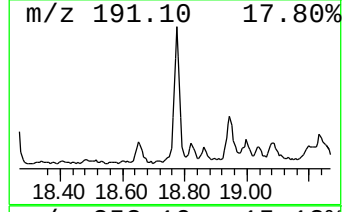
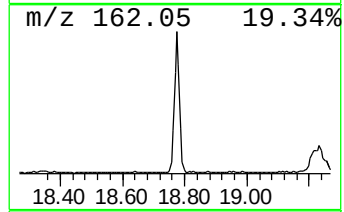
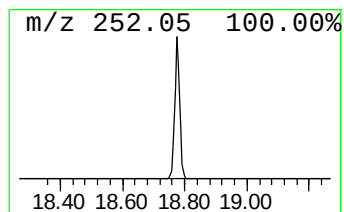
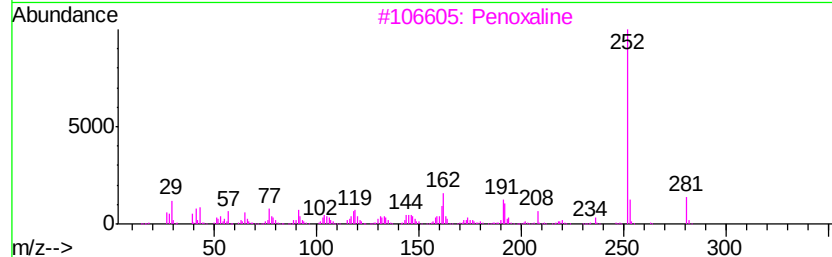
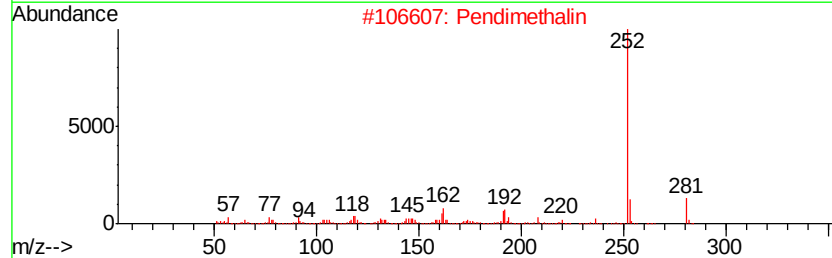
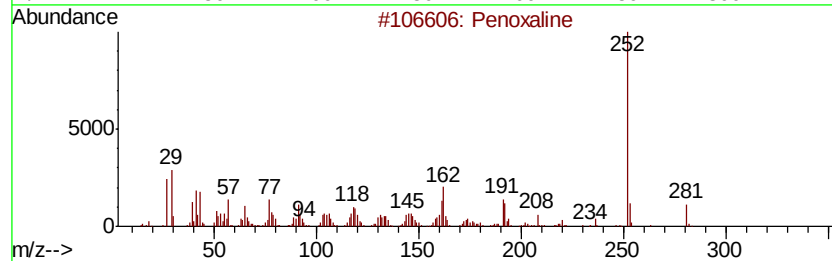
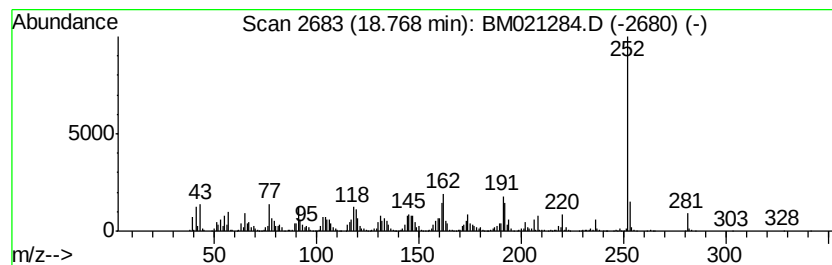
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Penoxaline Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	7.12 ng/ul	1899720	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Penoxaline	281	C13H19N3O4	040487-42-1	99
2		Pendimethalin	281	C13H19N3O4	040318-45-4	99
3		Penoxaline	281	C13H19N3O4	040487-42-1	98
4		6-Methyl-2-oxo-4-thiophen-3-yl-1...	252	C11H12N2O3S	1000296-69-1	96
5		2,9-Dimethyl-5-carboxy-1,10-phen...	252	C15H12N2O2	1000252-33-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

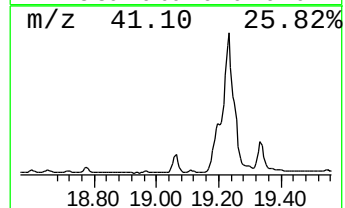
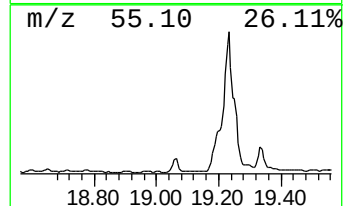
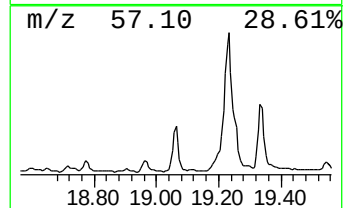
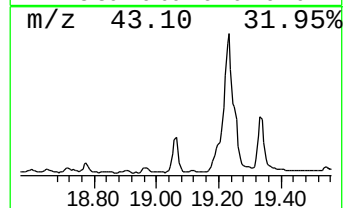
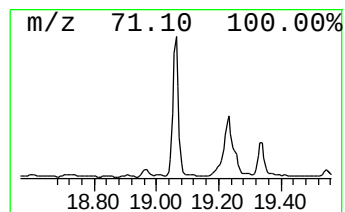
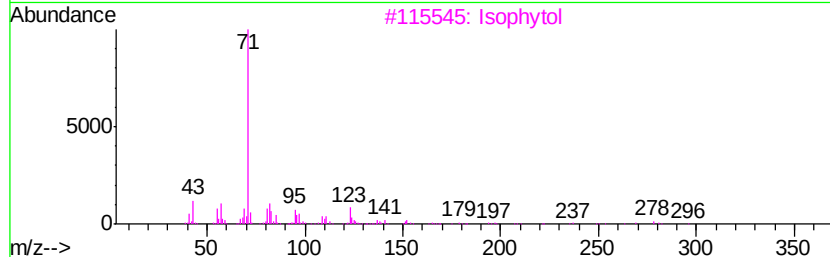
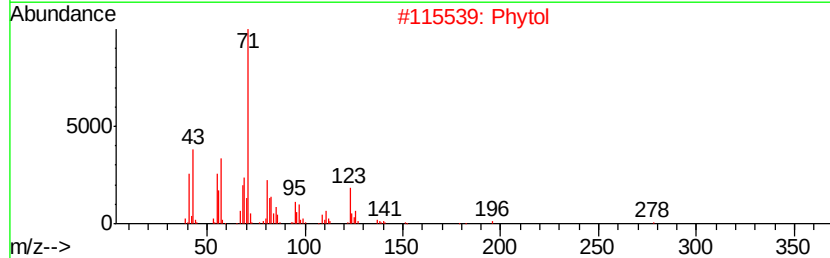
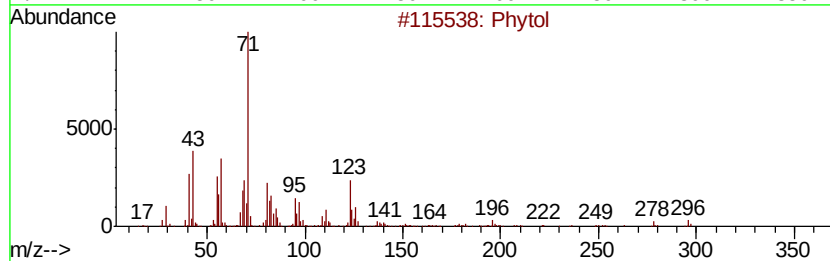
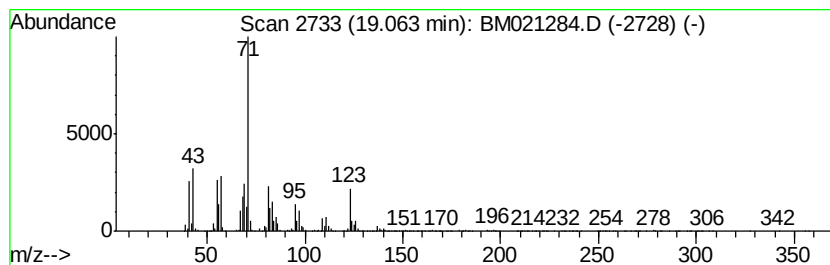
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phytol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.06	8.36 ng/ul	2230910	Phenanthrene-d10		17.15		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phytol	296	C20H40O	000150-86-7	93
2			Phytol	296	C20H40O	000150-86-7	90
3			Isophytol	296	C20H40O	000505-32-8	87
4			1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	64
5			Isophytol	296	C20H40O	000505-32-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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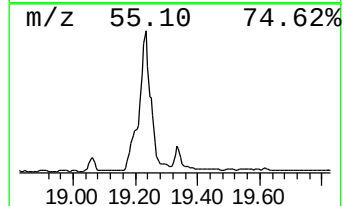
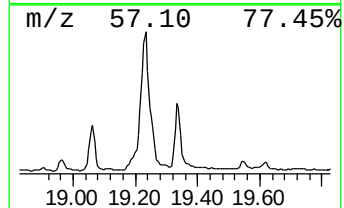
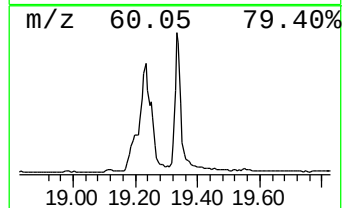
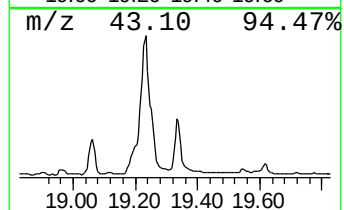
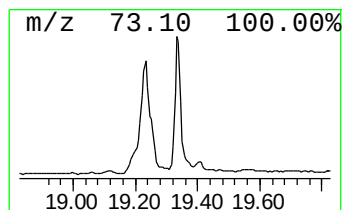
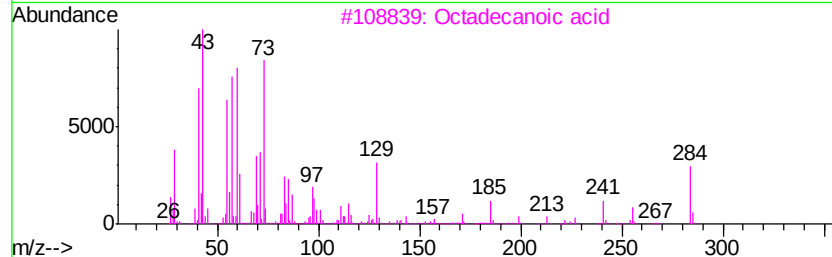
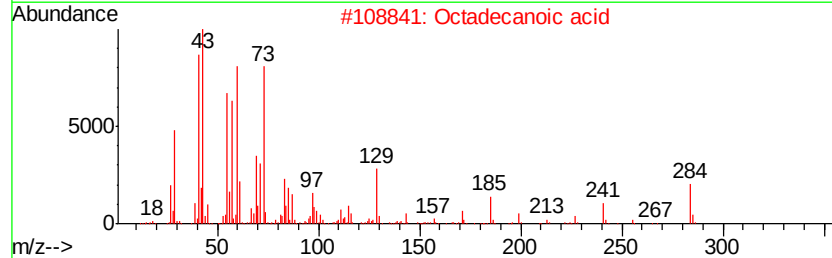
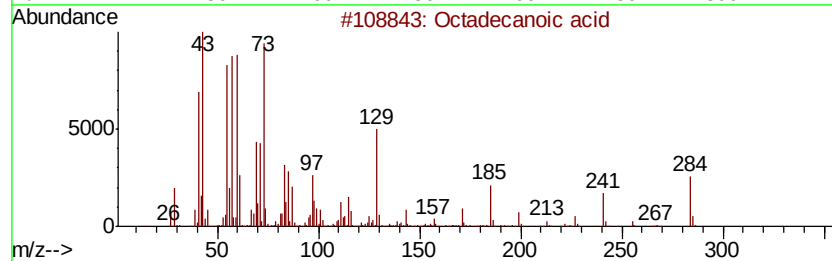
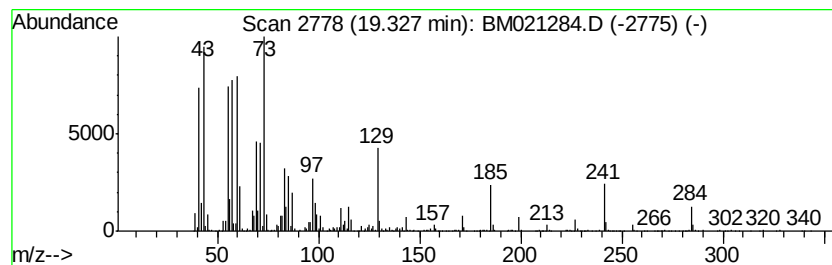
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	10.05 ng/ul	3451730	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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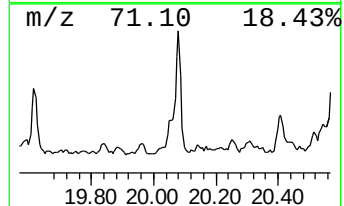
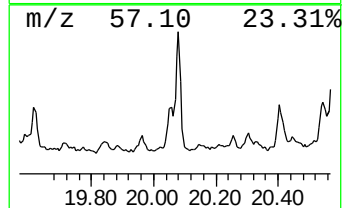
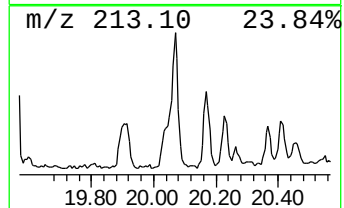
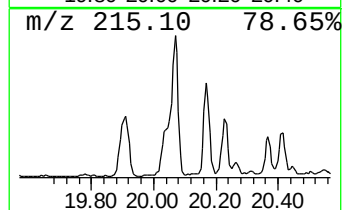
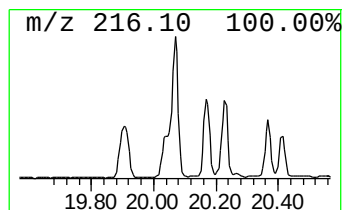
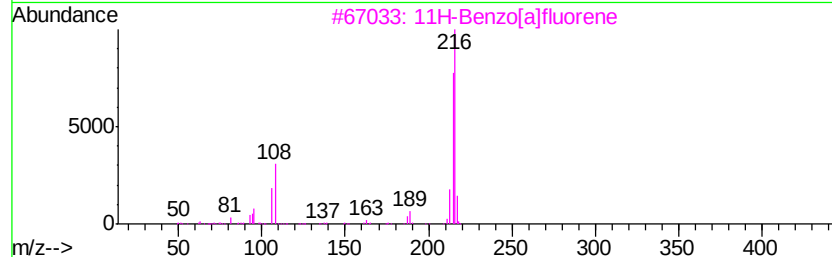
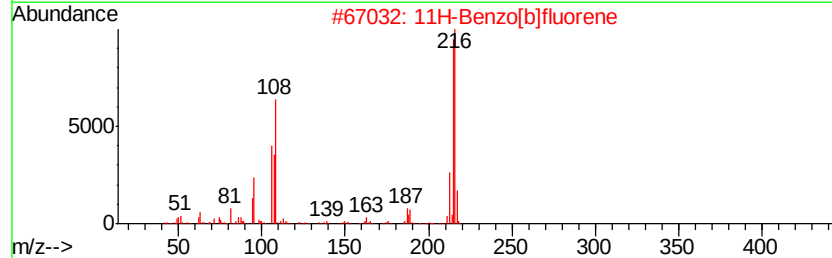
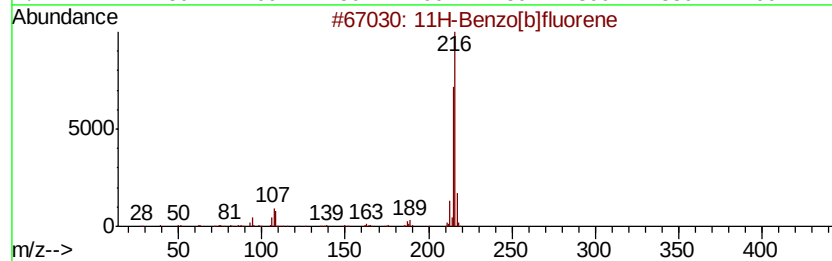
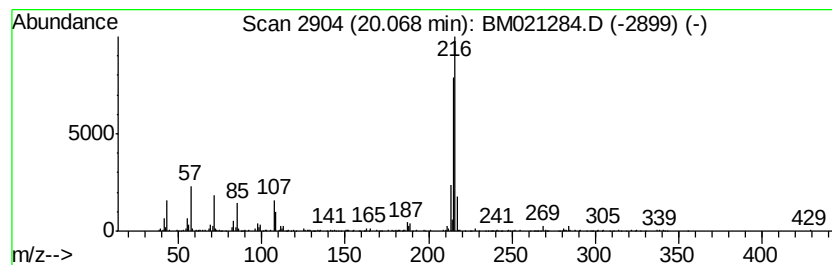
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.88 ng/ul	989242	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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ALS Vial : 30 Sample Multiplier: 1

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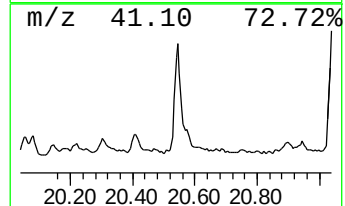
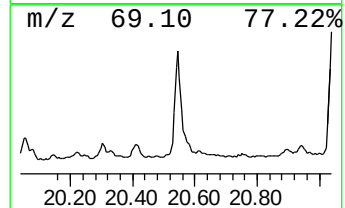
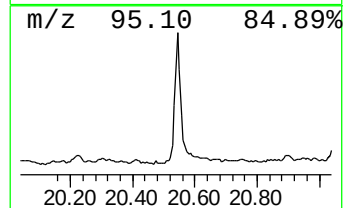
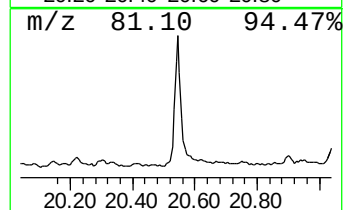
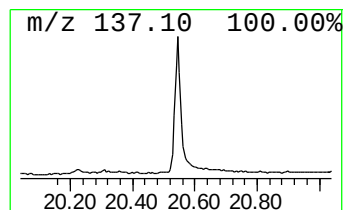
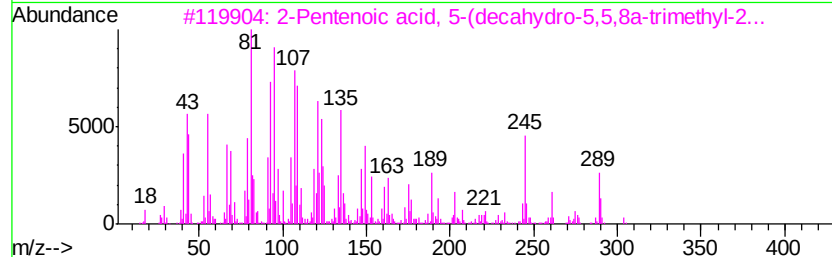
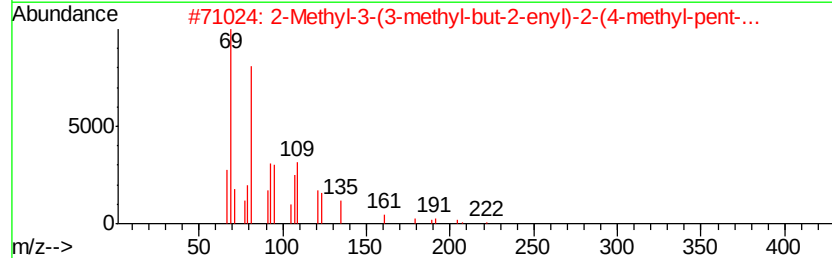
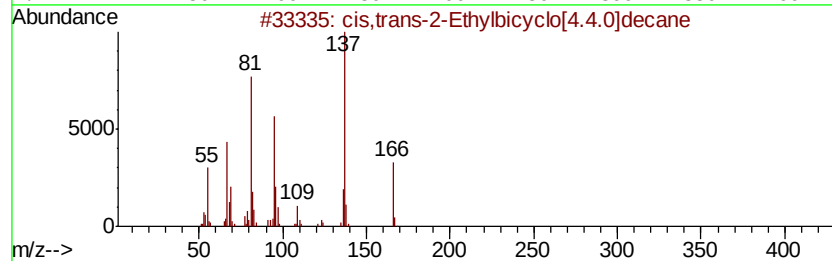
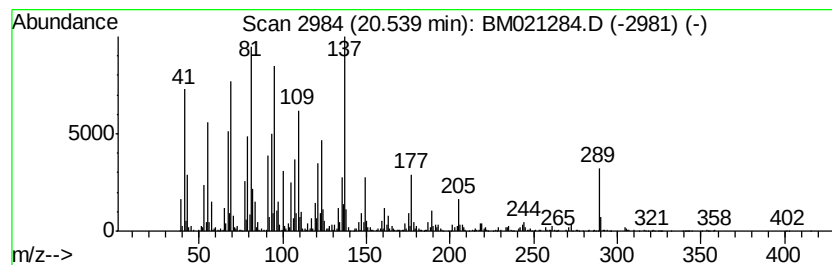
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 cis,trans-2-Ethylbicyclo[4.4.0]d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	8.70 ng/ul	2989500	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	55
2		2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	50
3		2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	49
4		Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	49
5		Cyclohexene, 1-methyl-4-(1,5,9-t...	272	C20H32	056248-11-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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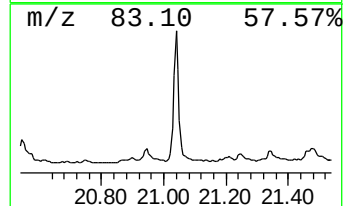
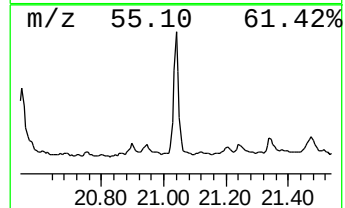
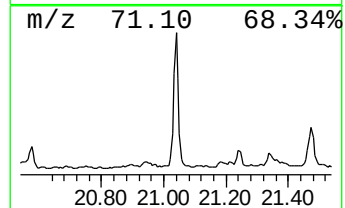
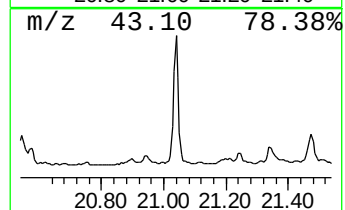
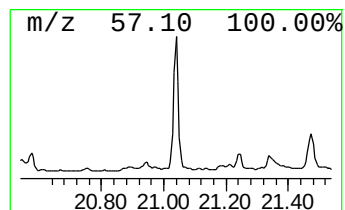
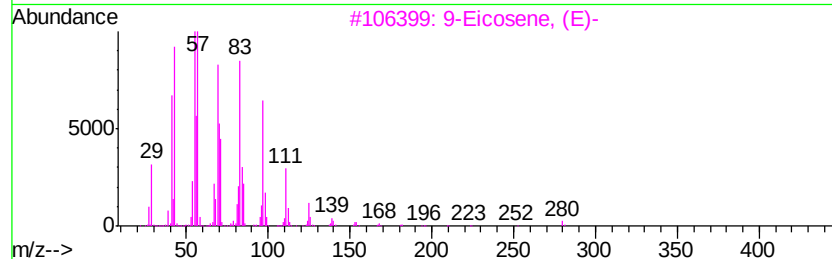
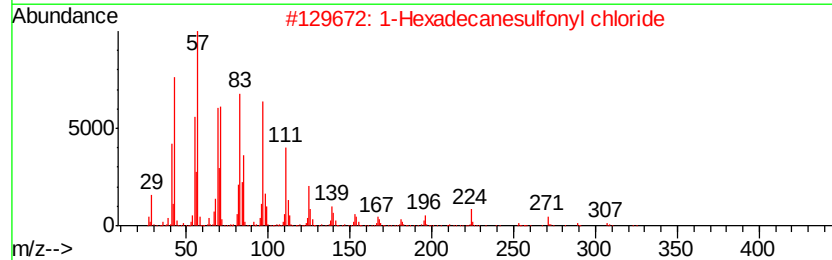
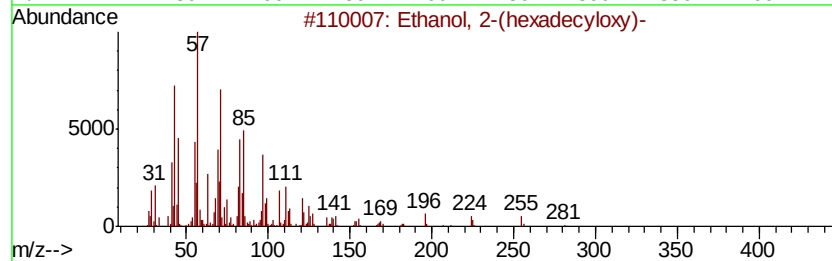
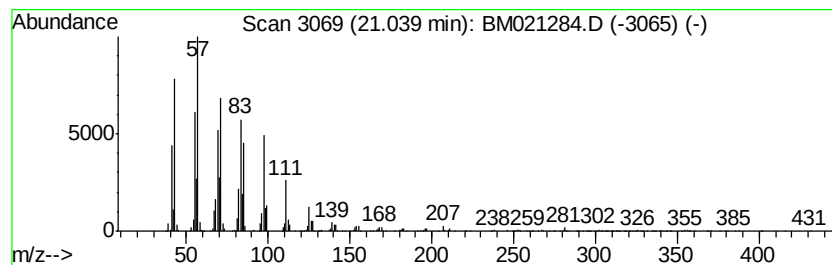
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Ethanol, 2-(hexadecyloxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	6.95 ng/ul	2386380	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	83
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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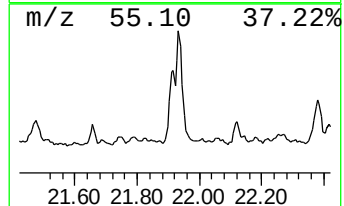
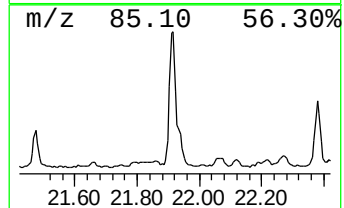
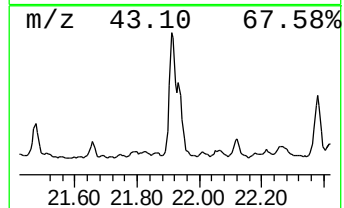
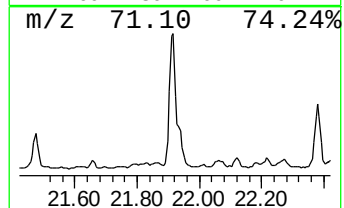
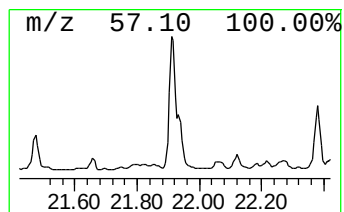
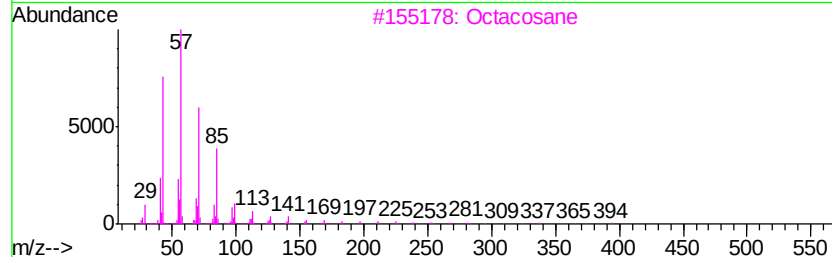
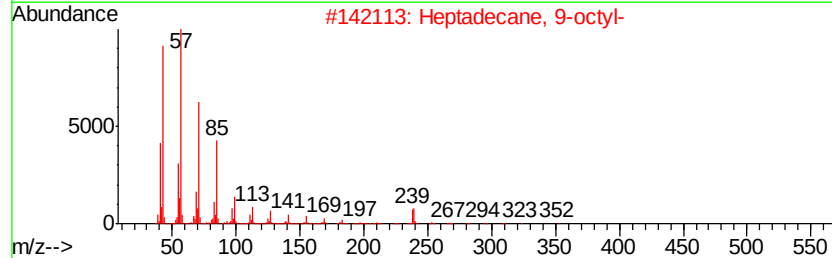
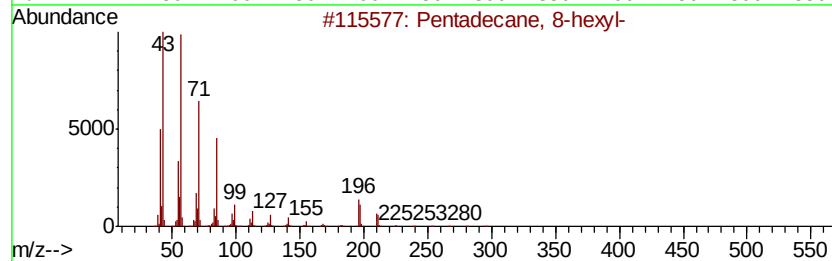
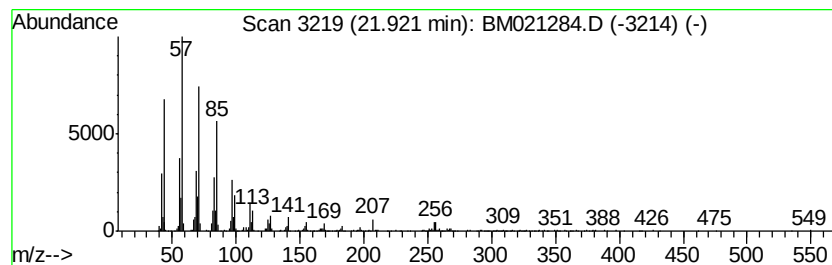
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	3.13 ng/ul	1074240	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
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Instrument :
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ClientSampleId :
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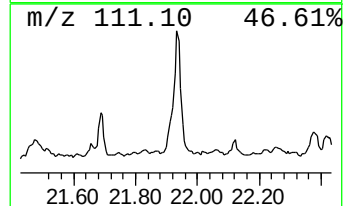
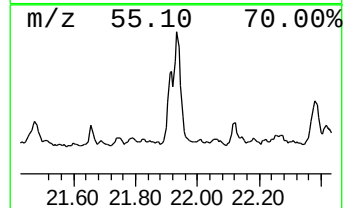
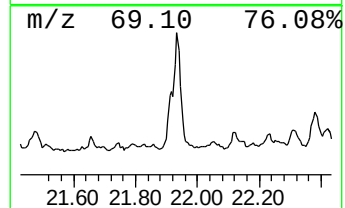
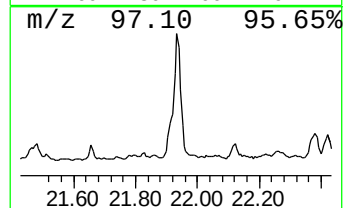
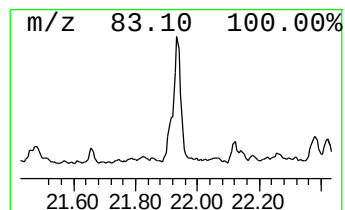
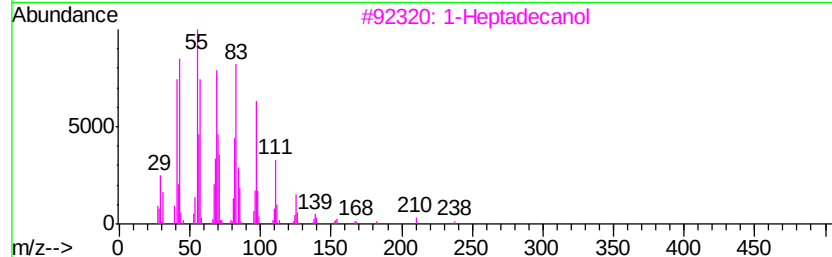
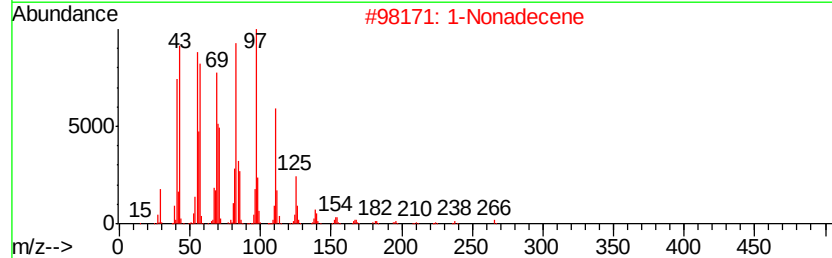
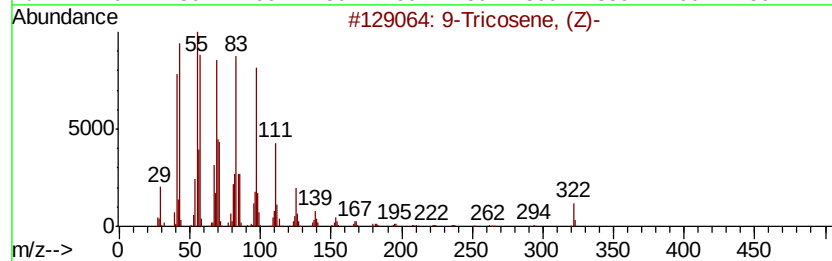
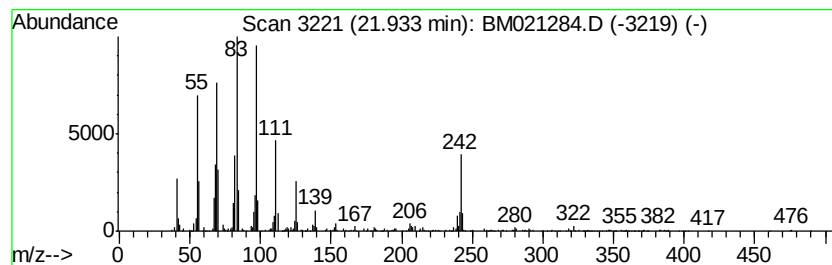
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Cyclic21.93 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	4.41 ng/ul	1514540	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	42
2		1-Nonadecene	266	C19H38	018435-45-5	27
3		1-Heptadecanol	256	C17H36O	001454-85-9	27
4		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	25
5		Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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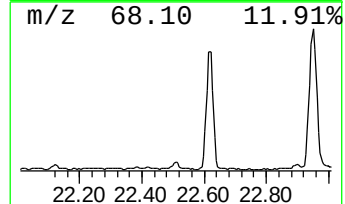
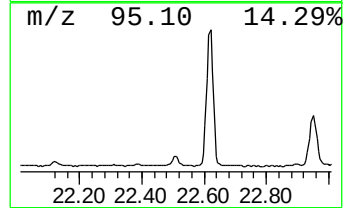
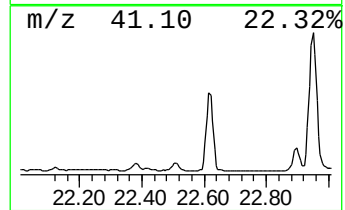
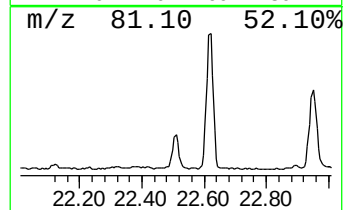
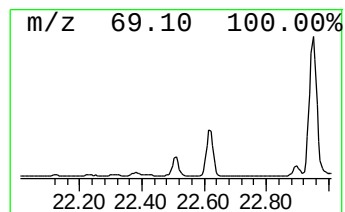
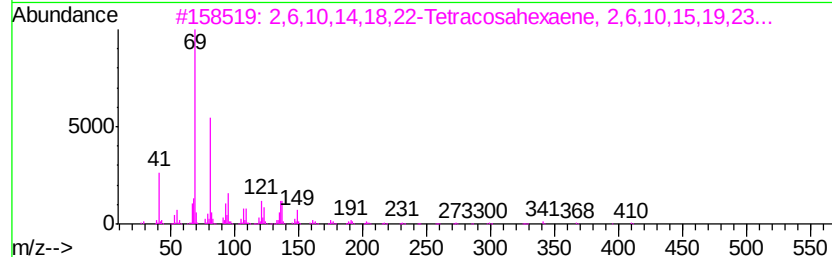
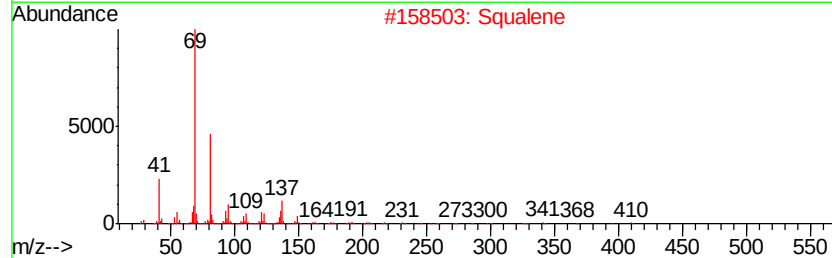
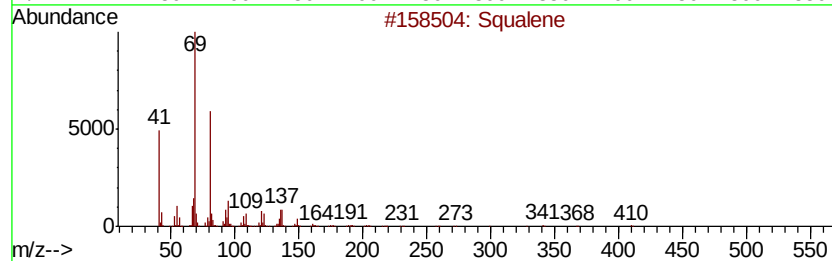
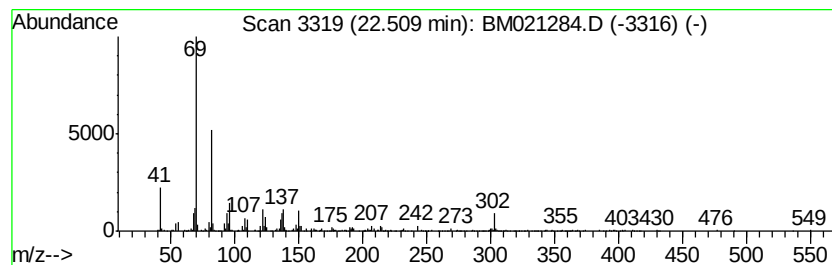
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Squalene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	2.67 ng/ul	572764	Perylene-d12	23.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 98
2	Squalene		410 C30H50	007683-64-9 97
3	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 95
4	1,5,9-Undecatriene, 2,6,10-trime...		192 C14H24	062951-96-6 87
5	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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Misc :
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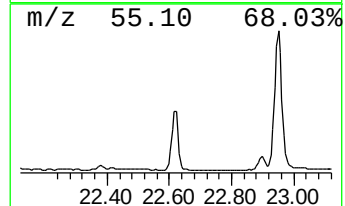
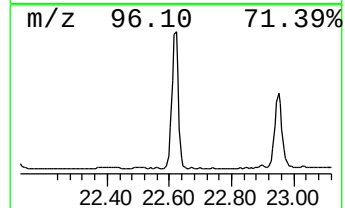
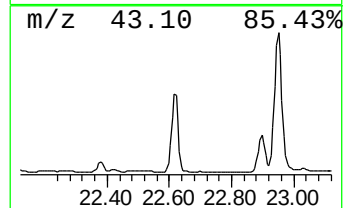
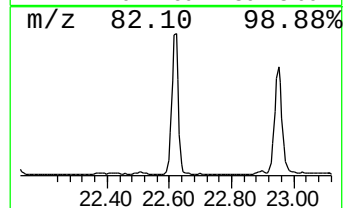
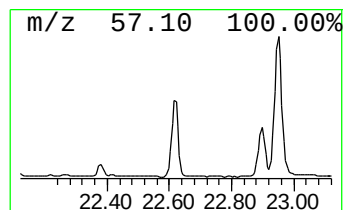
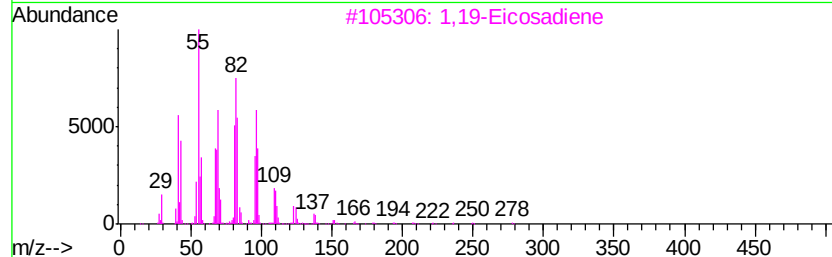
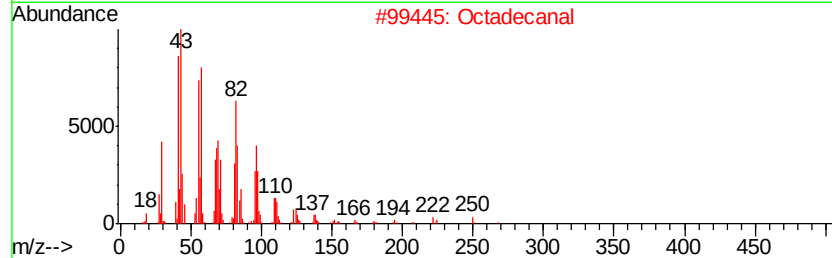
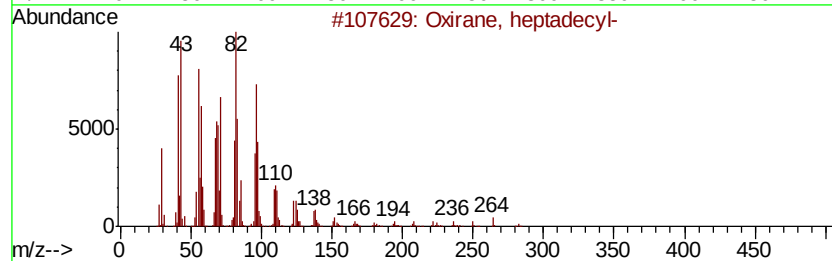
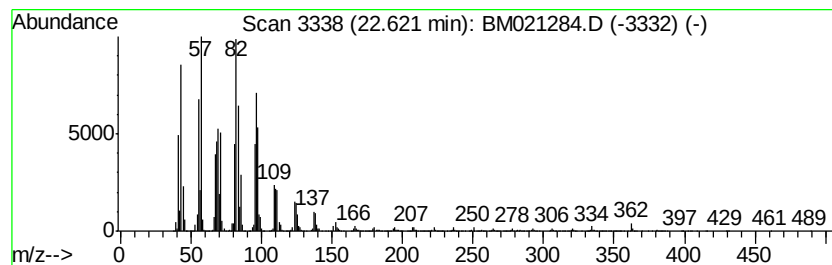
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Oxirane, heptadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	49.77 ng/ul	10659300	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2		Octadecanal	268	C18H36O	000638-66-4	94
3		1,19-Eicosadiene	278	C20H38	014811-95-1	93
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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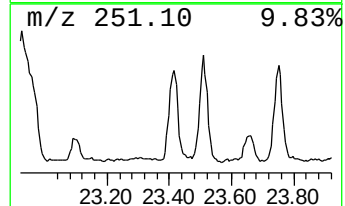
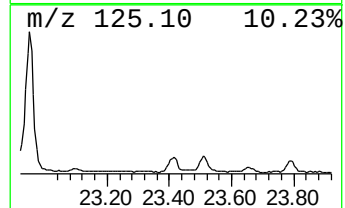
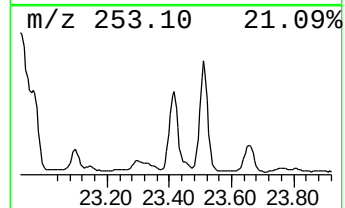
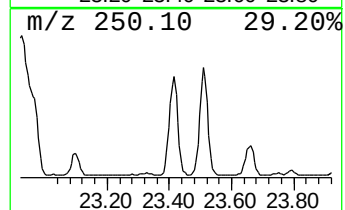
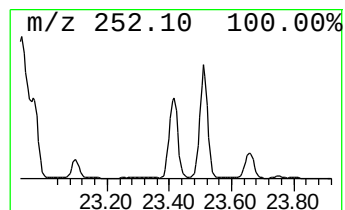
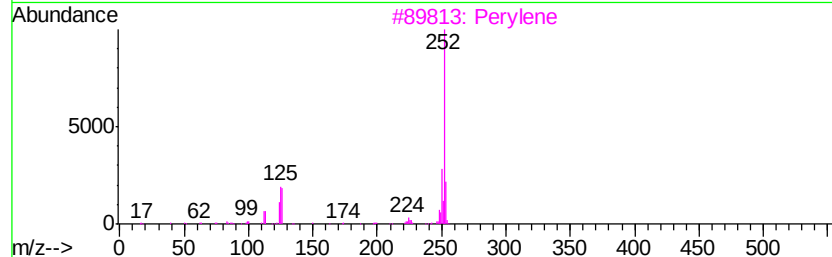
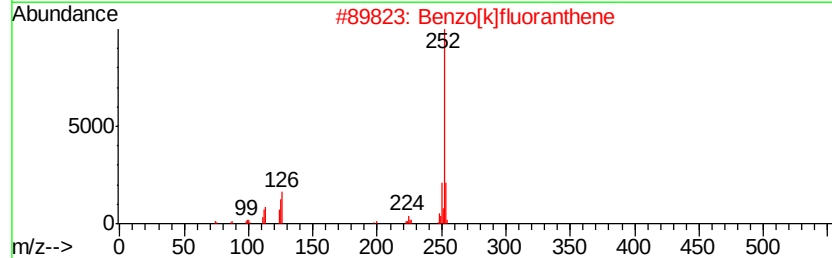
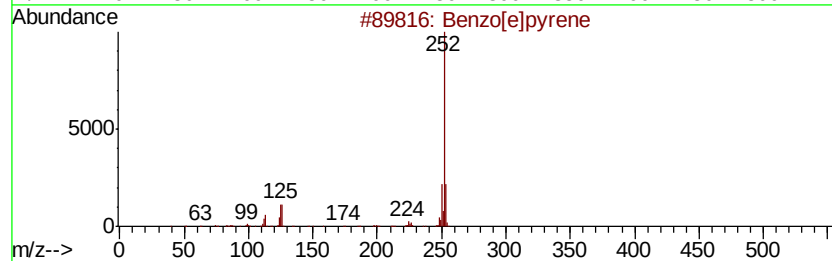
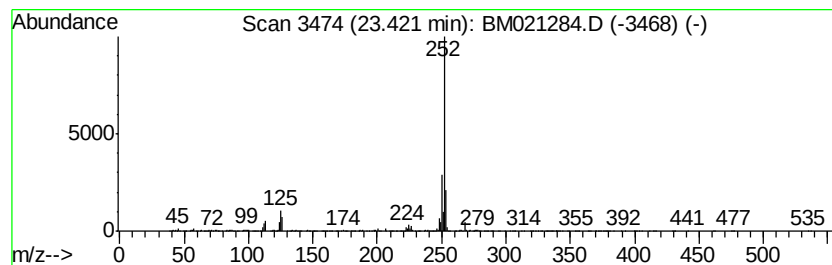
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzo[e]pyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	5.75 ng/ul	1232510	Perylene-d12	23.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
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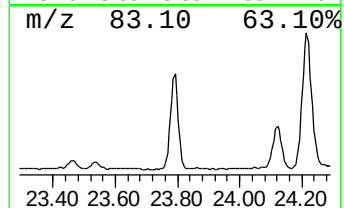
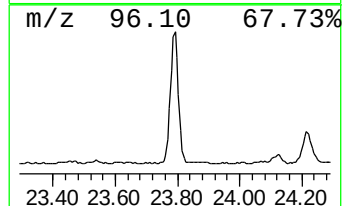
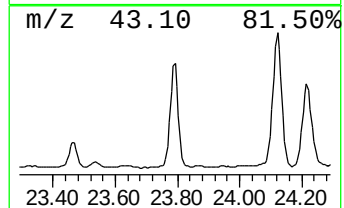
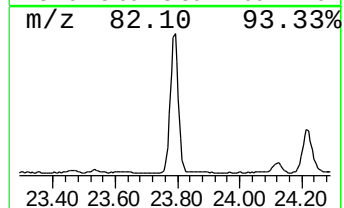
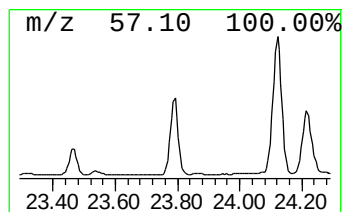
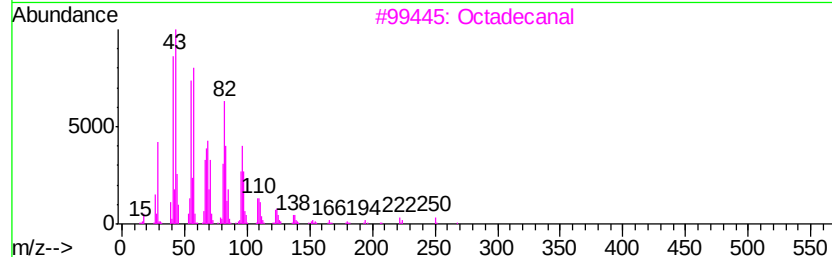
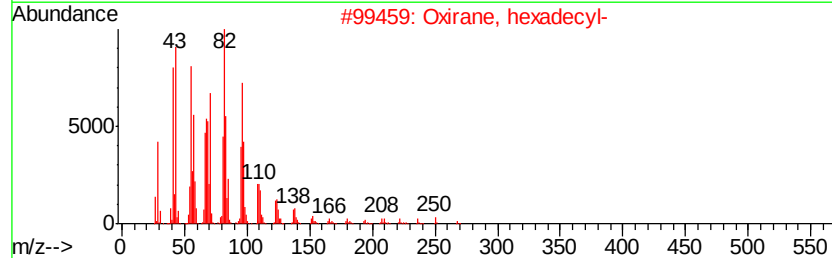
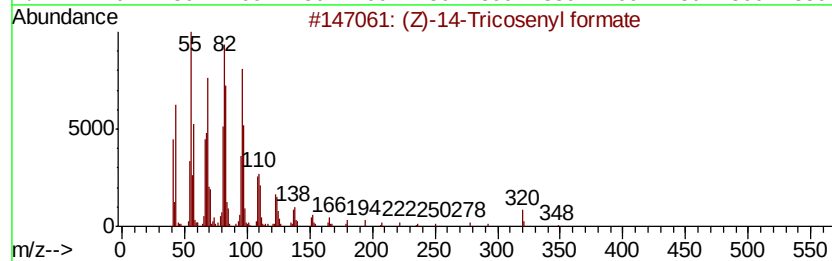
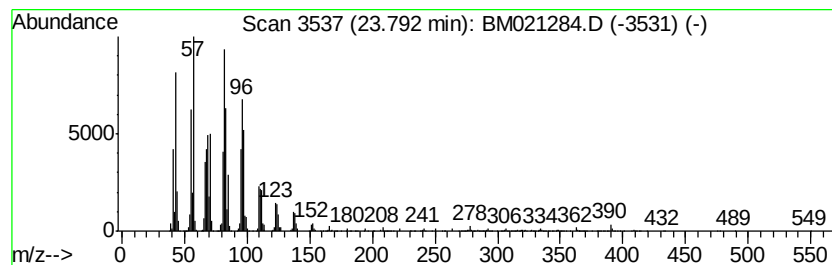
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (Z)-14-Tricosenyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	30.12 ng/ul	6451530	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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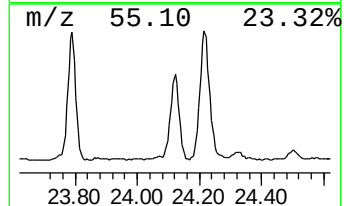
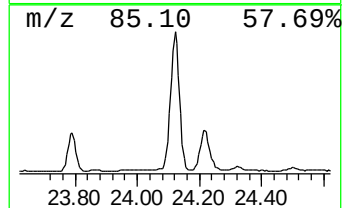
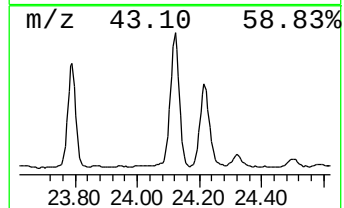
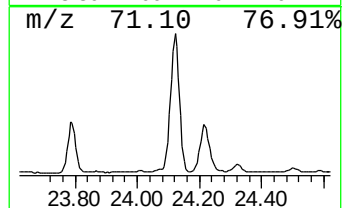
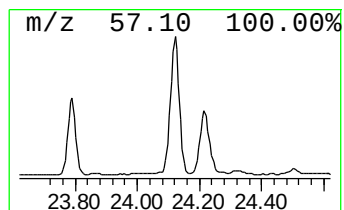
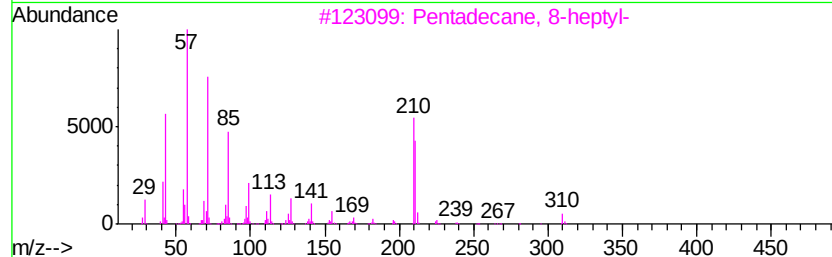
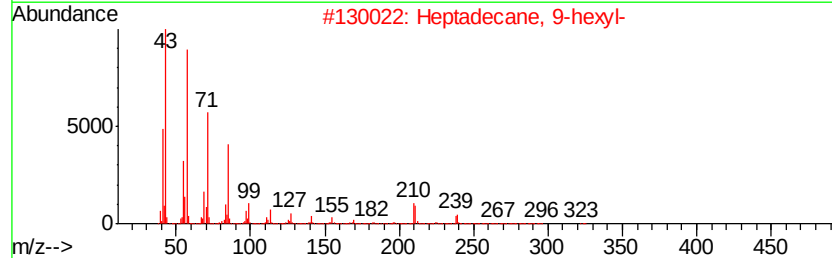
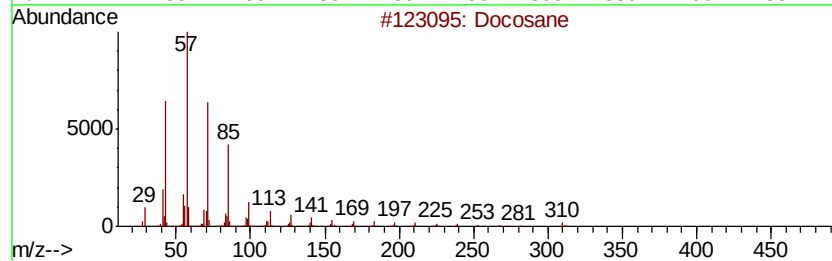
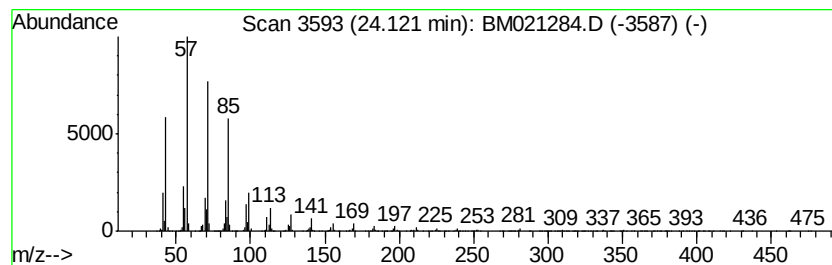
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	27.57 ng/ul	5905350	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	95
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	95
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	95
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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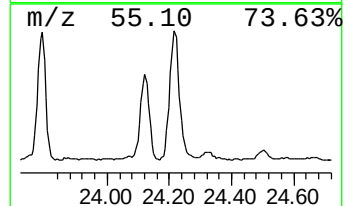
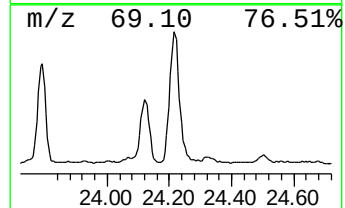
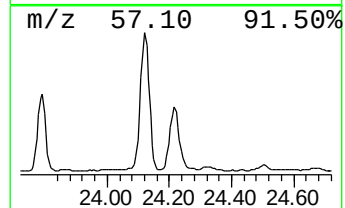
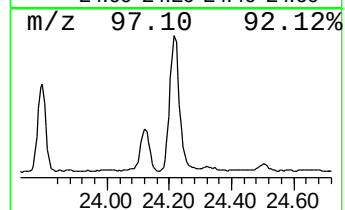
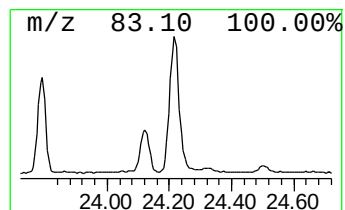
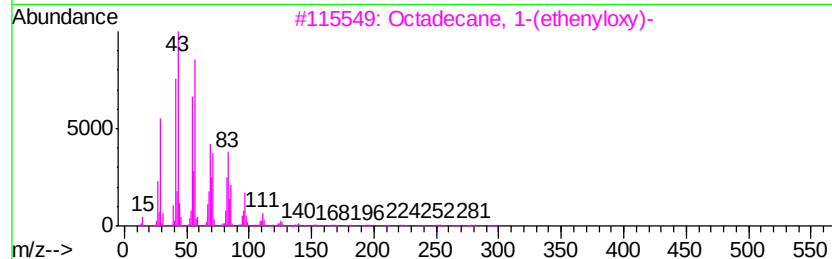
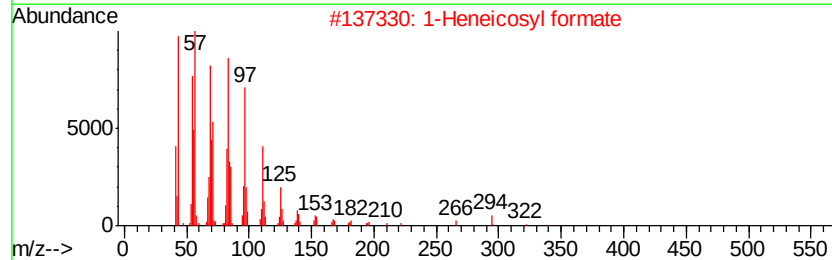
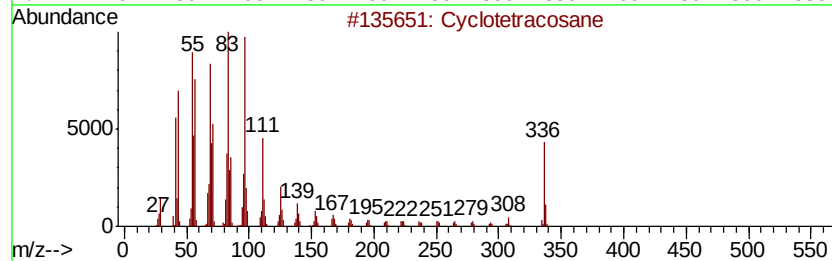
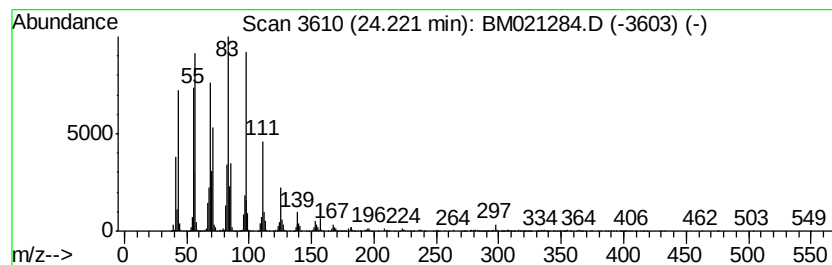
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Cyclic24.22 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	27.24 ng/ul	5834750	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	78
3		Octadecane, 1-(ethenvloxy)-	296	C20H40O	000930-02-9	70
4		1-Docosene	308	C22H44	001599-67-3	64
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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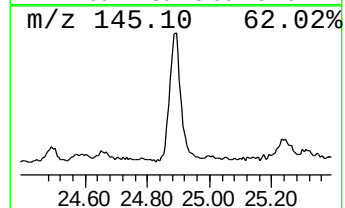
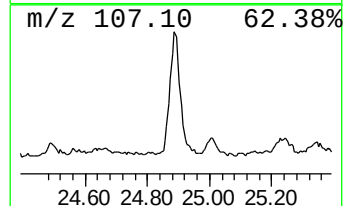
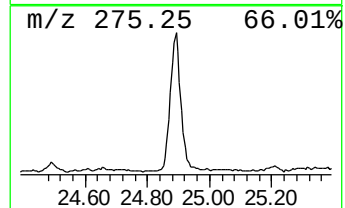
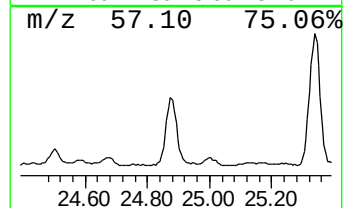
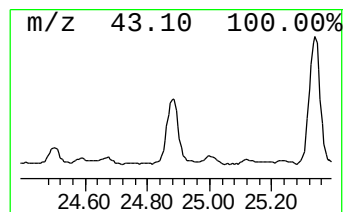
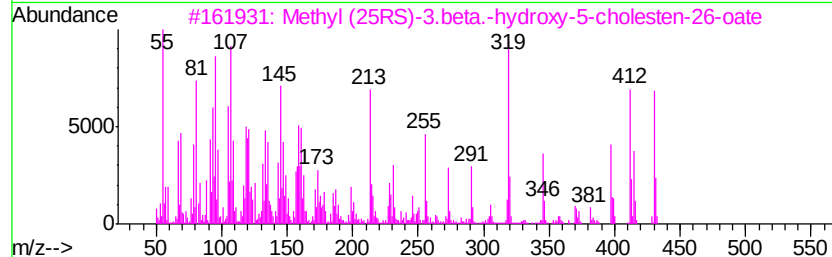
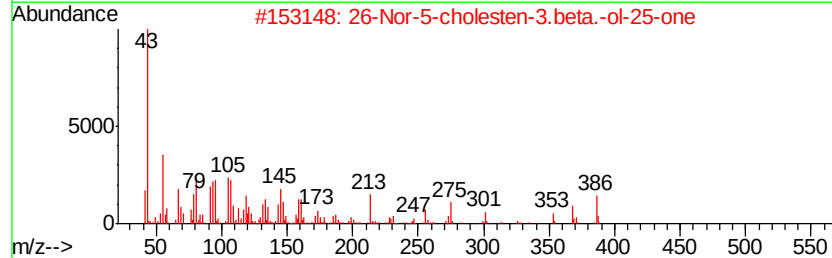
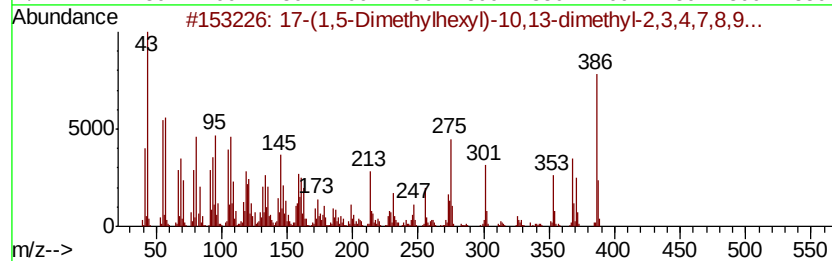
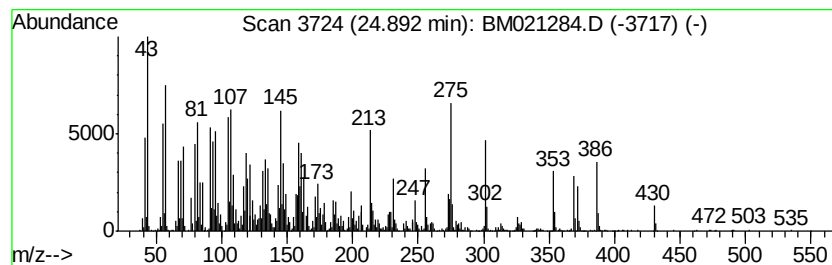
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	18.64 ng/ul	3991790	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3		Methyl (25RS)-3.beta.-hydroxy-5-...	430	C28H46O3	056845-86-4	95
4		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	90
5		Cholesterol	386	C27H46O	000057-88-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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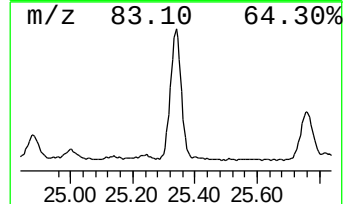
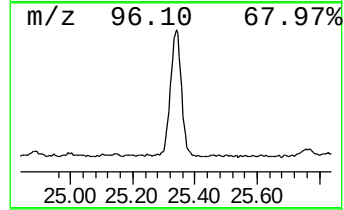
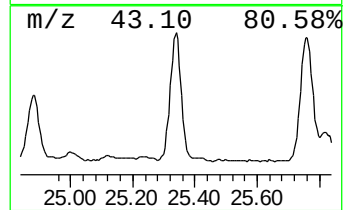
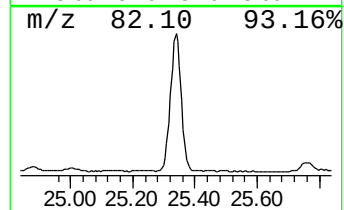
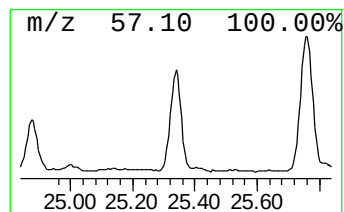
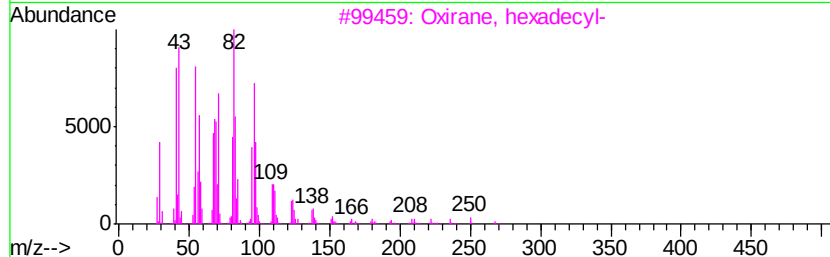
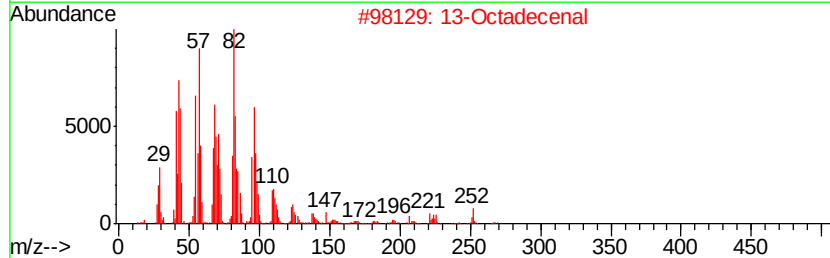
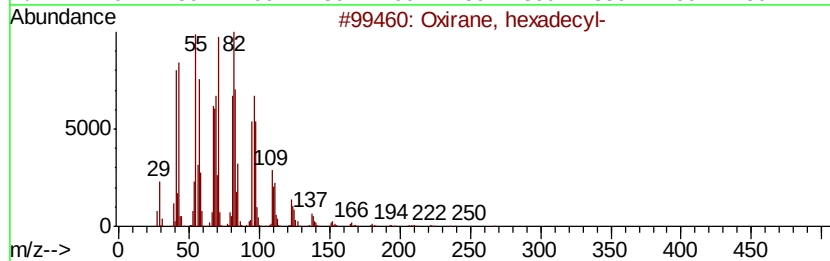
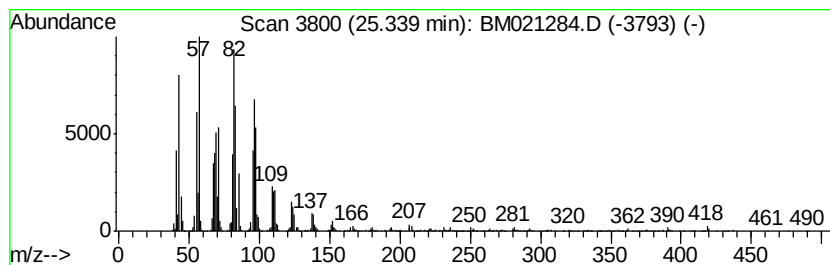
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	26.90 ng/ul	5761960	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		13-Octadecenal	266	C18H34O	056554-90-6	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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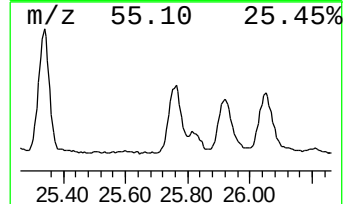
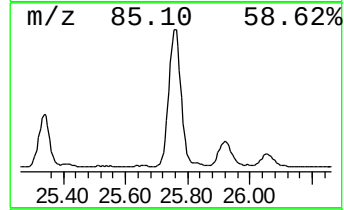
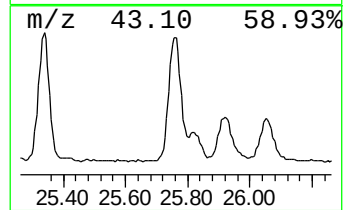
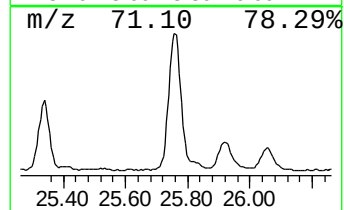
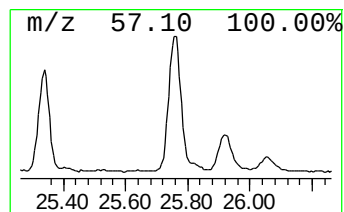
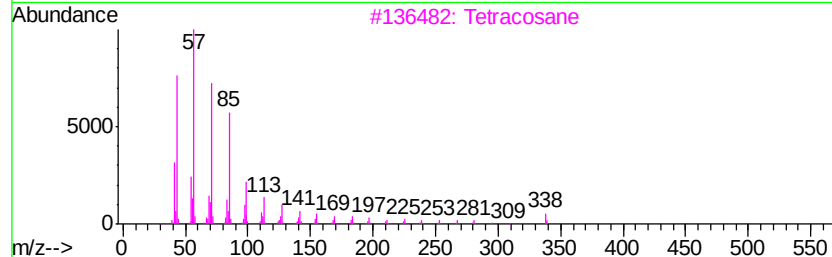
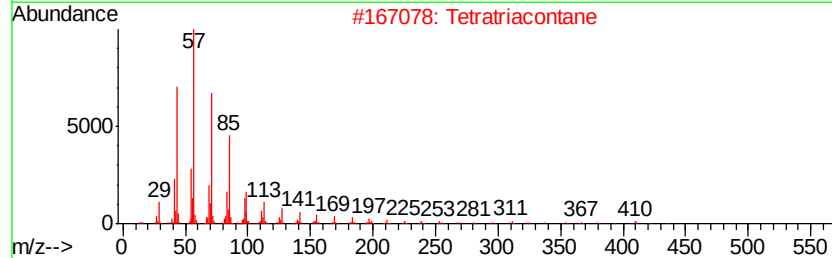
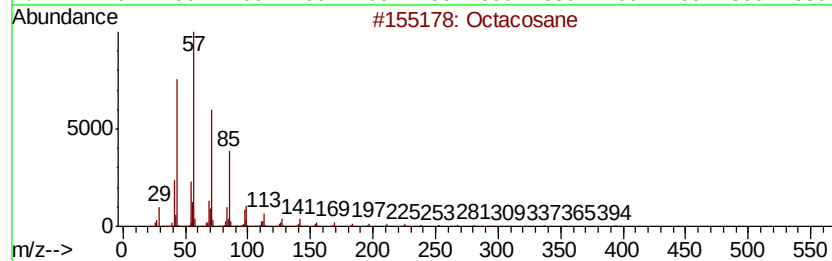
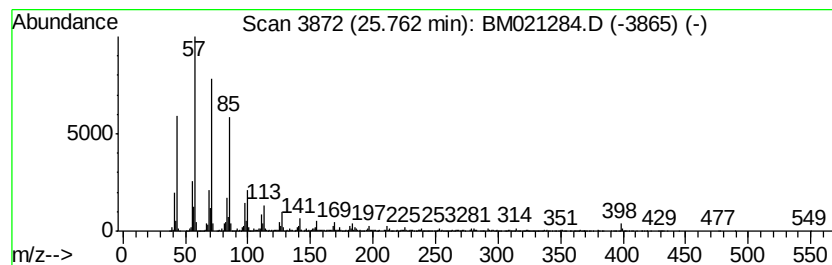
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	19.41 ng/ul	4157560	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	95
2		Tetratriacontane	479	C34H70	014167-59-0	94
3		Tetracosane	338	C24H50	000646-31-1	94
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
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Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

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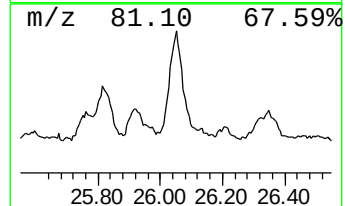
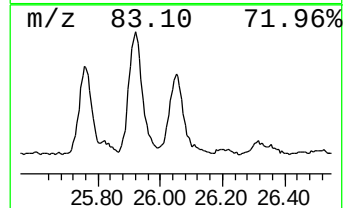
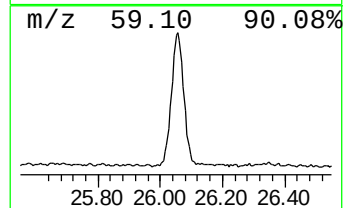
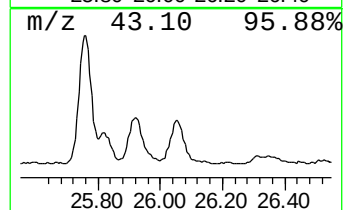
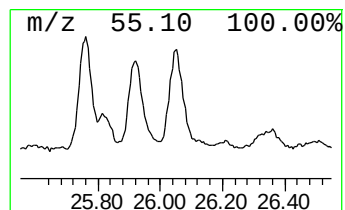
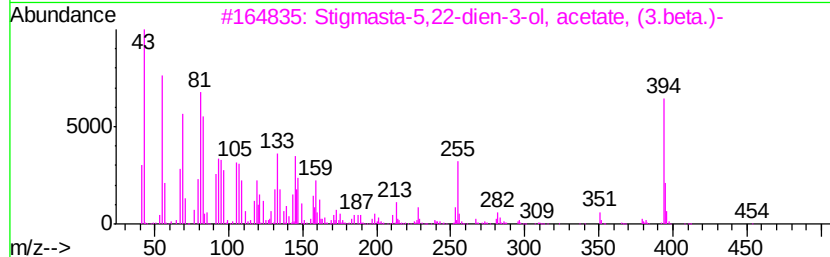
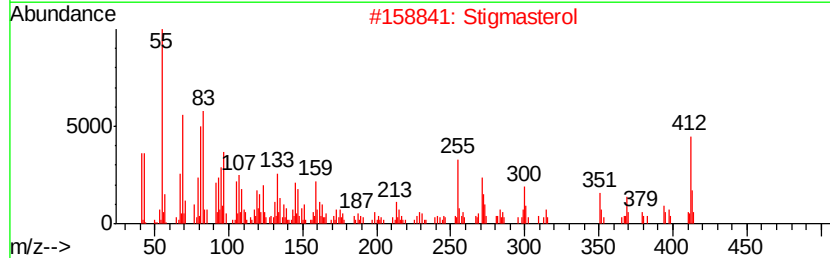
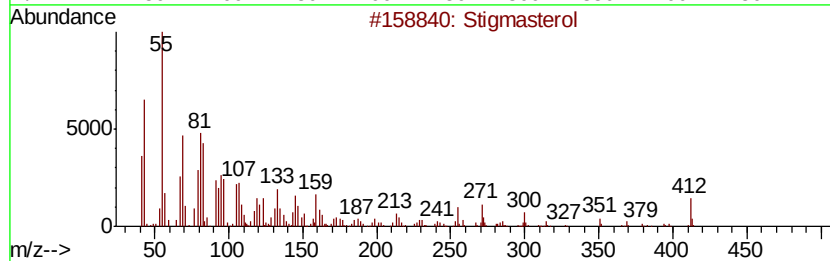
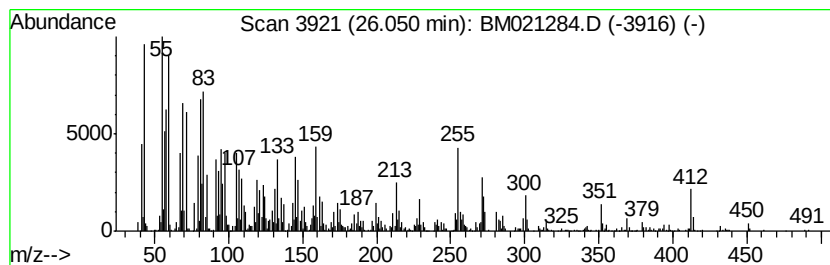
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Stigmasterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	16.42 ng/ul	3517280	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	99
2		Stigmasterol	412	C29H48O	000083-48-7	64
3		Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	50
4		Stigmasterol	412	C29H48O	000083-48-7	49
5		Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BA6

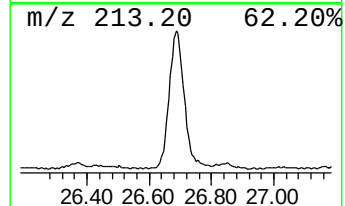
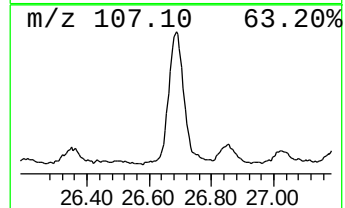
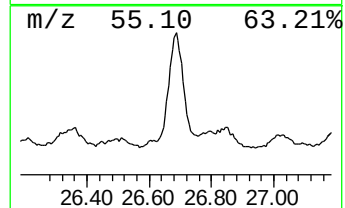
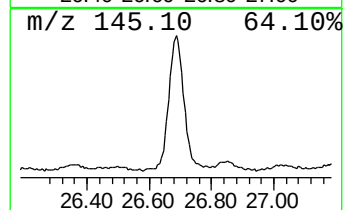
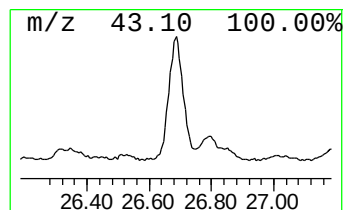
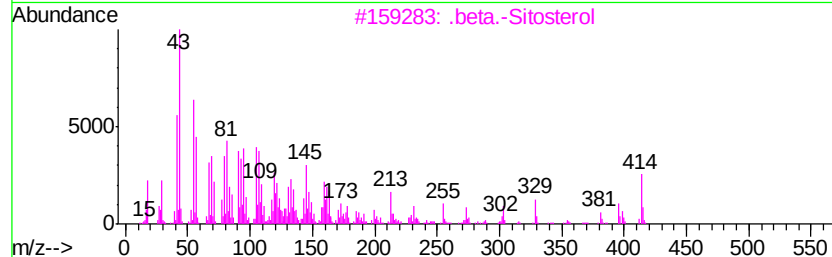
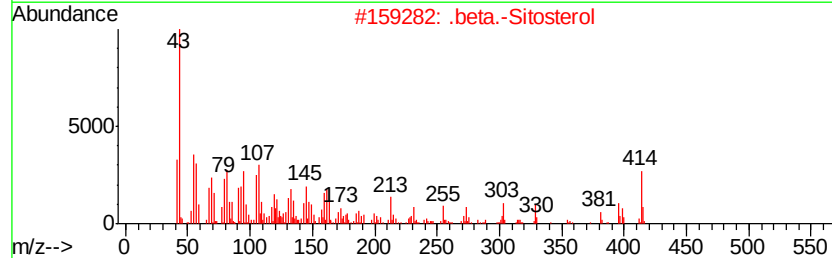
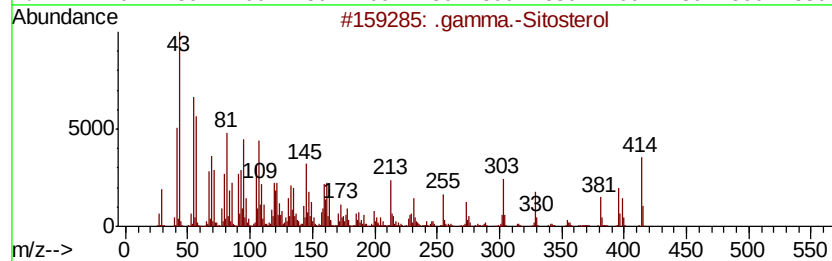
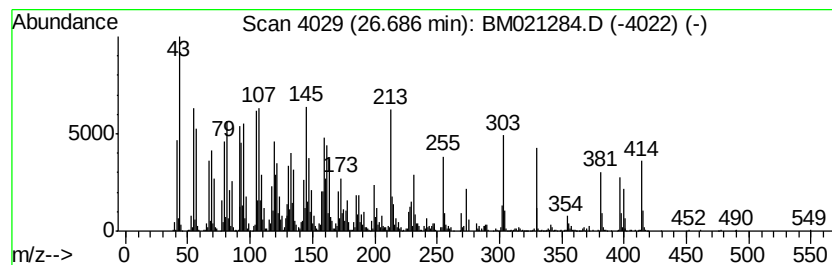
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	38.65 ng/ul	8277930	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	96
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	60
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	30
5		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021284.D
Acq On : 30 Jun 2019 04:31
Operator : HP/JU
Sample : K3590-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

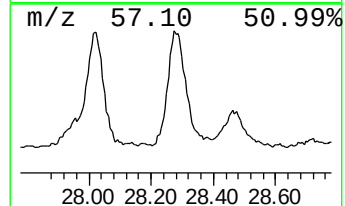
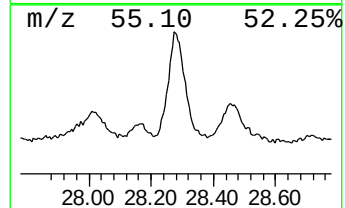
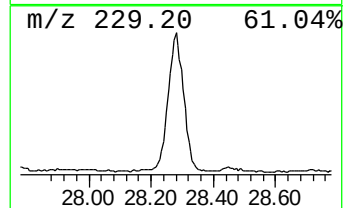
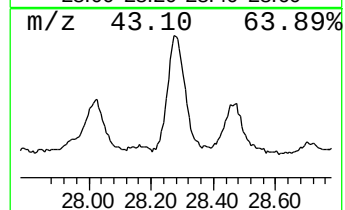
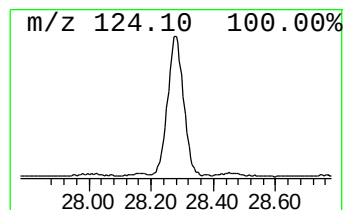
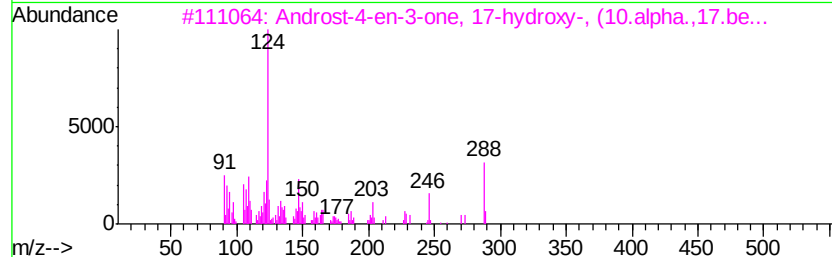
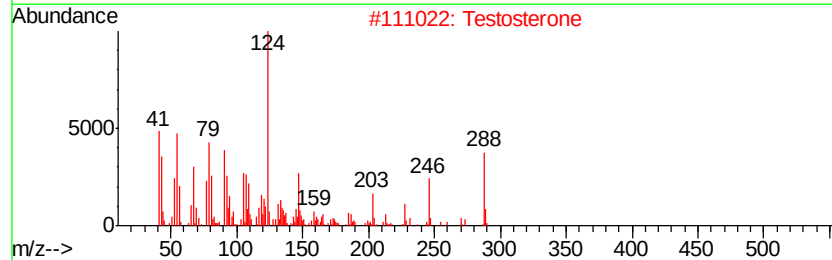
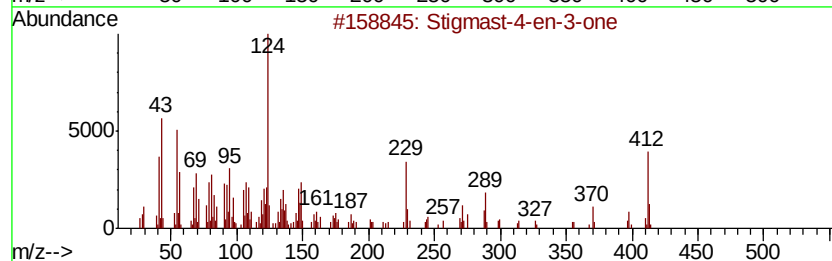
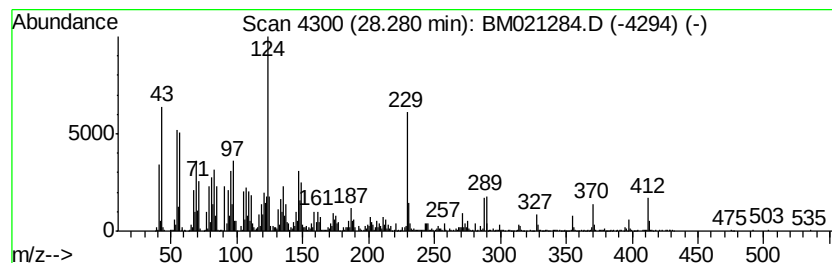
Instrument :
BNA_M
ClientSampleId :
C5BA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 Stigmast-4-en-3-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.28	22.56 ng/ul	4832750	Perylene-d12	23.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 95
2		Testosterone	288 C19H28O2	000058-22-0 64
3		Androst-4-en-3-one, 17-hydroxy-,...	288 C19H28O2	000604-39-7 45
4		Cholest-5-en-3-one, 4,4-dimethyl-	412 C29H48O	002220-42-0 41
5		Pregn-4-ene-3,20-dione, (9.beta....	314 C21H30O2	002755-10-4 35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021284.D
 Acq On : 30 Jun 2019 04:31
 Operator : HP/JU
 Sample : K3590-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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
Butane, 2-methoxy...	3.01	29.6	ng/ul	2902450	1	7.76	1961910	20.0
Cyclotrisiloxane,...	4.40	4.7	ng/ul	463354	1	7.76	1961910	20.0
Butyrolactone	6.02	3.2	ng/ul	311422	1	7.76	1961910	20.0
Hexanoic acid	6.80	3.7	ng/ul	360466	1	7.76	1961910	20.0
Cyclotetrasiloxan...	6.86	3.4	ng/ul	335496	1	7.76	1961910	20.0
Bicyclo[3.1.0]hex...	9.25	2.6	ng/ul	391956	2	10.55	3008080	20.0
Tetradecanoic acid	16.56	4.2	ng/ul	1111170	4	17.15	5335380	20.0
Pentadecanoic acid	17.05	7.0	ng/ul	1871730	4	17.15	5335380	20.0
9-Hexadecenoic acid	17.94	30.4	ng/ul	8118240	4	17.15	5335380	20.0
Hexadecenoic acid...	18.00	25.2	ng/ul	6714130	4	17.15	5335380	20.0
n-Hexadecanoic acid	18.07	81.8	ng/ul	21810000	4	17.15	5335380	20.0
Oxirane, 2-decyl-...	18.34	5.3	ng/ul	1416900	4	17.15	5335380	20.0
Penoxaline	18.77	7.1	ng/ul	1899720	4	17.15	5335380	20.0
Phytol	19.06	8.4	ng/ul	2230910	4	17.15	5335380	20.0
Octadecanoic acid	19.33	10.1	ng/ul	3451730	5	21.34	6868700	20.0
11H-Benzo[b]fluorene	20.07	2.9	ng/ul	989242	5	21.34	6868700	20.0
cis,trans-2-Ethyl...	20.54	8.7	ng/ul	2989500	5	21.34	6868700	20.0
Ethanol, 2-(hexad...	21.04	7.0	ng/ul	2386380	5	21.34	6868700	20.0
(DEL) Alkane: Str...	21.92	3.1	ng/ul	1074240	5	21.34	6868700	20.0
(DEL) Alkane: Cyc...	21.93	4.4	ng/ul	1514540	5	21.34	6868700	20.0
Squalene	22.51	2.7	ng/ul	572764	6	23.61	4283820	20.0
Oxirane, heptadecyl-	22.62	49.8	ng/ul	10659300	6	23.61	4283820	20.0
Benzo[e]pyrene	23.42	5.8	ng/ul	1232510	6	23.61	4283820	20.0
(Z)-14-Tricosenyl...	23.79	30.1	ng/ul	6451530	6	23.61	4283820	20.0
(DEL) Alkane: Str...	24.12	27.6	ng/ul	5905350	6	23.61	4283820	20.0
(DEL) Alkane: Cyc...	24.22	27.2	ng/ul	5834750	6	23.61	4283820	20.0
17-(1,5-Dimethylh...	24.89	18.6	ng/ul	3991790	6	23.61	4283820	20.0
Oxirane, hexadecyl-	25.34	26.9	ng/ul	5761960	6	23.61	4283820	20.0
(DEL) Alkane: Str...	25.76	19.4	ng/ul	4157560	6	23.61	4283820	20.0
Stigmasterol	26.05	16.4	ng/ul	3517280	6	23.61	4283820	20.0
.gamma.-Sitosterol	26.69	38.6	ng/ul	8277930	6	23.61	4283820	20.0
Stigmast-4-en-3-one	28.28	22.6	ng/ul	4832750	6	23.61	4283820	20.0