

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021298.D
 Acq On : 30 Jun 2019 14:45
 Operator : HP/JU
 Sample : K3590-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB6

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	3.016	3	5	11	rVB	2866290	3173122	8.90%	1.038%
2	4.404	236	241	248	rVB	413231	565807	1.59%	0.185%
3	6.798	640	648	653	rVV	143002	294756	0.83%	0.096%
4	6.857	653	658	664	rVB	308265	440654	1.24%	0.144%
5	6.934	664	671	681	rVB	1003674	1693802	4.75%	0.554%
6	7.098	694	699	711	rVB	750634	1186982	3.33%	0.388%
7	7.293	725	732	740	rBV	1040445	1630766	4.58%	0.534%
8	7.757	804	811	818	rBV	1236839	1934499	5.43%	0.633%
9	7.963	840	846	851	rVB	136648	199613	0.56%	0.065%
10	8.463	924	931	948	rVV	1329919	2194034	6.16%	0.718%
11	8.922	1001	1009	1018	rBV	998418	1715486	4.81%	0.561%
12	9.281	1065	1070	1076	rVB	219540	314997	0.88%	0.103%
13	9.634	1120	1130	1139	rBV	915622	1530345	4.29%	0.501%
14	10.169	1214	1221	1234	rBV	1479438	2507044	7.03%	0.820%
15	10.545	1278	1285	1292	rBV	1739763	2888589	8.11%	0.945%
16	10.692	1304	1310	1325	rBV	280162	622288	1.75%	0.204%
17	11.769	1488	1493	1501	rVB	148892	220038	0.62%	0.072%
18	12.004	1529	1533	1539	rBV	105788	164493	0.46%	0.054%
19	12.669	1638	1646	1654	rVV5	123675	263288	0.74%	0.086%
20	13.780	1830	1835	1836	rBV	132580	166075	0.47%	0.054%
21	13.810	1836	1840	1845	rVV	2698243	3877223	10.88%	1.269%
22	13.857	1845	1848	1854	rVB	740864	1024982	2.88%	0.335%
23	14.092	1881	1888	1903	rVV	3084282	4680374	13.13%	1.532%
24	14.398	1934	1940	1947	rVV2	2464715	3908766	10.97%	1.279%
25	14.621	1970	1978	1988	rBV	822853	1446566	4.06%	0.473%
26	14.816	2008	2011	2021	rVB	175469	275790	0.77%	0.090%
27	14.945	2028	2033	2038	rVB	190291	240639	0.68%	0.079%
28	15.398	2104	2110	2116	rBV	3861143	5656871	15.87%	1.851%
29	15.527	2127	2132	2139	rBV	563333	780660	2.19%	0.255%
30	15.633	2143	2150	2155	rBV3	89999	167553	0.47%	0.055%
31	15.945	2199	2203	2212	rVB3	163945	341180	0.96%	0.112%
32	16.257	2248	2256	2260	rBV3	135838	228124	0.64%	0.075%
33	16.474	2288	2293	2301	rVB	326511	485956	1.36%	0.159%
34	16.551	2301	2306	2310	rBV	611121	841513	2.36%	0.275%

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 Title : SVOA CALIBRATION

35	16.592	2310	2313	2321	rVB2	106639	160011	0.45%	0.052%
36	16.768	2338	2343	2347	rBV2	190314	274004	0.77%	0.090%
37	16.886	2358	2363	2369	rBV4	317918	574261	1.61%	0.188%
38	17.051	2385	2391	2397	rBV	787264	1153831	3.24%	0.378%
39	17.115	2397	2402	2404	rVV	419043	584853	1.64%	0.191%
40	17.151	2404	2408	2412	rVV2	2784571	4074328	11.43%	1.333%
41	17.192	2412	2415	2419	rVV	1077070	1536417	4.31%	0.503%
42	17.251	2419	2425	2434	rVV2	3555656	5407871	15.17%	1.770%
43	17.321	2434	2437	2443	rVB2	198952	218508	0.61%	0.072%
44	17.404	2447	2451	2458	rVB2	108501	185288	0.52%	0.061%
45	17.527	2468	2472	2477	rBV	576674	806104	2.26%	0.264%
46	17.662	2492	2495	2502	rVB2	120890	187300	0.53%	0.061%
47	17.786	2511	2516	2519	rBV3	149425	244701	0.69%	0.080%
48	17.851	2523	2527	2534	rBV9	60515	177974	0.50%	0.058%
49	17.939	2534	2542	2547	rBV	3315188	5176517	14.53%	1.694%
50	17.998	2547	2552	2557	rVV	3694111	5293597	14.85%	1.732%
51	18.068	2557	2564	2576	rVB	8112962	13412493	37.63%	4.389%
52	18.221	2585	2590	2593	rBV2	209959	355330	1.00%	0.116%
53	18.345	2605	2611	2615	rBV4	286183	533250	1.50%	0.174%
54	18.474	2630	2633	2638	rBV2	175310	239613	0.67%	0.078%
55	18.533	2639	2643	2647	rVV2	194360	277953	0.78%	0.091%
56	18.574	2647	2650	2658	rVB3	171021	344952	0.97%	0.113%
57	18.709	2670	2673	2676	rBV	122237	161341	0.45%	0.053%
58	18.904	2702	2706	2710	rBV	182541	255872	0.72%	0.084%
59	18.962	2710	2716	2720	rVV2	273073	440864	1.24%	0.144%
60	19.062	2728	2733	2737	rBV	1247001	1567478	4.40%	0.513%
61	19.186	2749	2754	2755	rBV2	2116662	2408934	6.76%	0.788%
62	19.215	2755	2759	2774	rVV2	6866441	13399516	37.60%	4.385%
63	19.327	2774	2778	2788	rVV	1563805	2294117	6.44%	0.751%
64	19.404	2788	2791	2795	rVB5	161812	243667	0.68%	0.080%
65	19.545	2810	2815	2818	rBV	3849694	5762230	16.17%	1.886%
66	19.574	2818	2820	2825	rVV	2397033	2891490	8.11%	0.946%
67	19.615	2825	2827	2830	rVB	287702	296593	0.83%	0.097%
68	20.074	2898	2905	2909	rVB3	639740	1280129	3.59%	0.419%
69	20.174	2918	2922	2925	rBV	241083	303211	0.85%	0.099%
70	20.421	2959	2964	2969	rVB4	341400	702855	1.97%	0.230%
71	20.821	3029	3032	3037	rVB	247367	301451	0.85%	0.099%

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72	20.986	3057	3060	3063	rBV	222306	271264	0.76%	0.089%
73	21.039	3064	3069	3077	rVV3	2838707	3764561	10.56%	1.232%
74	21.339	3113	3120	3123	rBV2	3510389	6148056	17.25%	2.012%
75	21.374	3123	3126	3133	rVB	1616156	2129842	5.98%	0.697%
76	21.486	3141	3145	3153	rVB3	500438	892861	2.51%	0.292%
77	21.656	3171	3174	3179	rVB4	547961	701549	1.97%	0.230%
78	21.915	3215	3218	3220	rBV	1530185	1985621	5.57%	0.650%
79	21.939	3220	3222	3230	rVB3	2798137	3276780	9.19%	1.072%
80	22.121	3251	3253	3261	rVB4	643602	947885	2.66%	0.310%
81	22.386	3294	3298	3301	rBV	690122	878821	2.47%	0.288%
82	22.509	3317	3319	3324	rVB	507413	658387	1.85%	0.215%
83	22.627	3333	3339	3345	rBV	13221008	18935765	53.13%	6.196%
84	22.903	3380	3386	3389	rBV	3887025	7055630	19.80%	2.309%
85	22.956	3389	3395	3405	rVB2	18434634	35638360	100.00%	11.662%
86	23.421	3469	3474	3477	rBV	964790	1671880	4.69%	0.547%
87	23.468	3477	3482	3487	rVV	3423700	6307348	17.70%	2.064%
88	23.515	3487	3490	3500	rVB	1324270	2623550	7.36%	0.858%
89	23.615	3501	3507	3513	rBV	2059342	4015730	11.27%	1.314%
90	23.797	3532	3538	3546	rVB	5055017	8754372	24.56%	2.865%
91	24.127	3588	3594	3603	rVB	5398011	11081382	31.09%	3.626%
92	24.227	3604	3611	3620	rVB	3032531	6269341	17.59%	2.051%
93	24.891	3717	3724	3737	rVB4	2052833	5234812	14.69%	1.713%
94	25.344	3794	3801	3812	rVB	3541142	8426679	23.64%	2.757%
95	25.774	3865	3874	3880	rBV	3368652	9416571	26.42%	3.081%
96	25.921	3893	3899	3913	rVB3	1901410	5544001	15.56%	1.814%
97	26.056	3915	3922	3934	rVB3	2294452	6464349	18.14%	2.115%
98	26.703	4023	4032	4043	rVB2	4364806	12968398	36.39%	4.244%
99	27.474	4157	4163	4175	rVB6	1466844	4688262	13.16%	1.534%
100	28.291	4294	4302	4319	rVB3	2142314	7655084	21.48%	2.505%

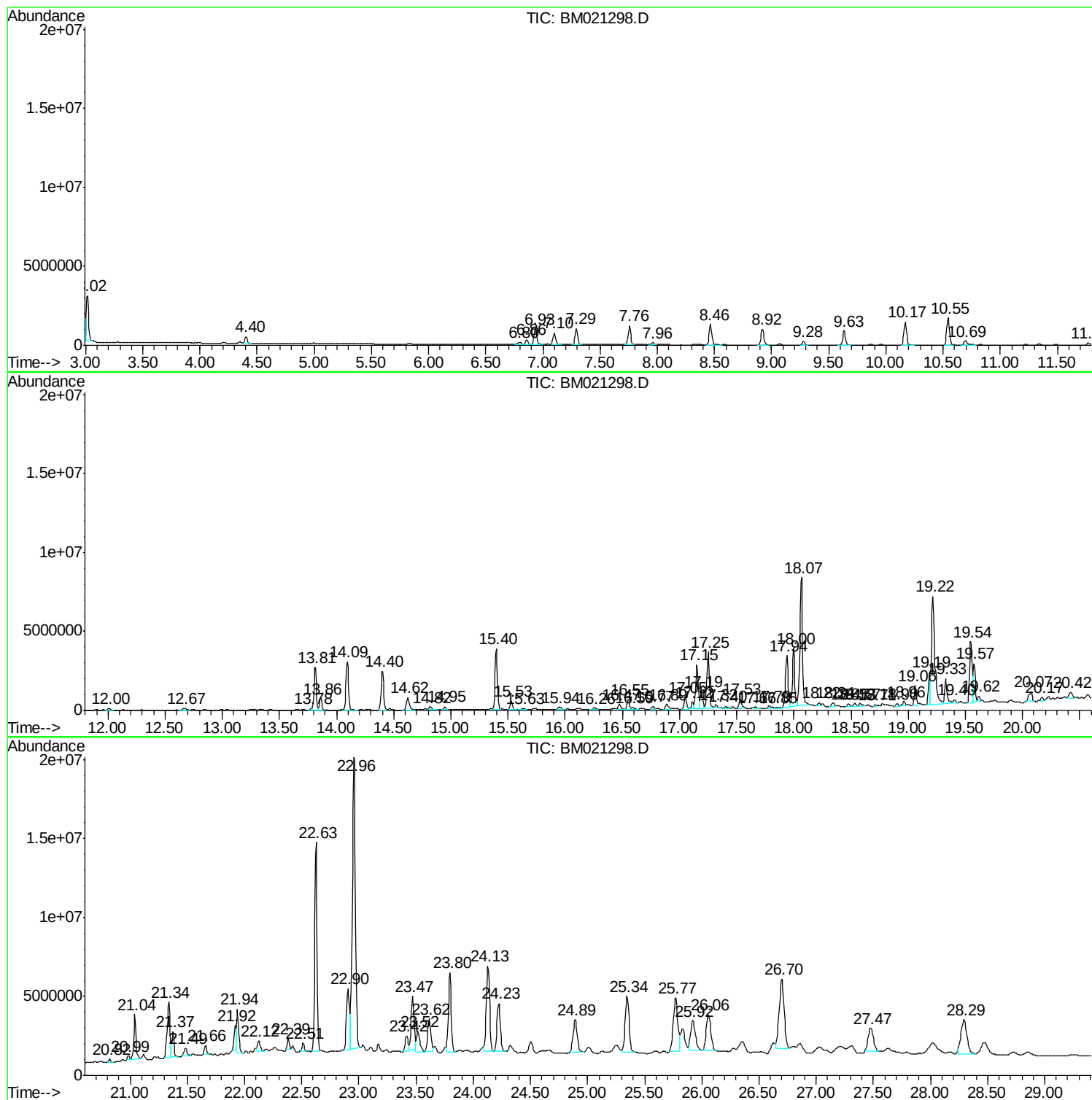
Sum of corrected areas: 305598920

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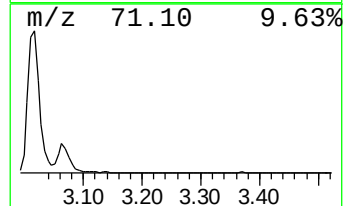
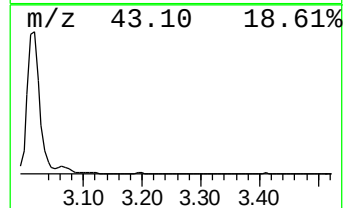
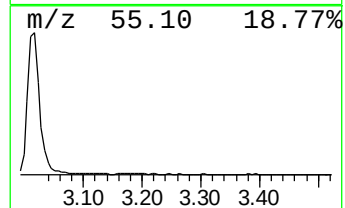
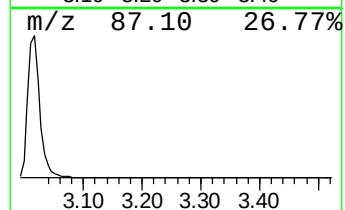
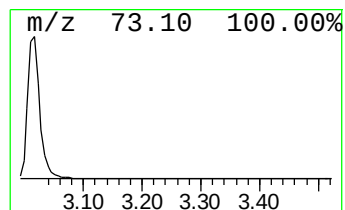
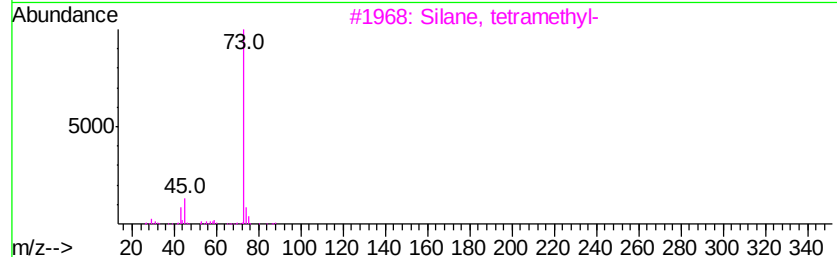
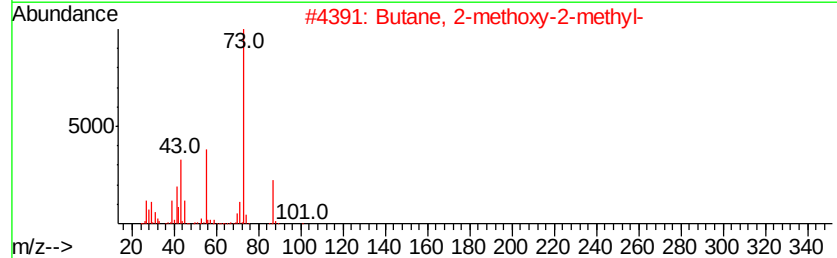
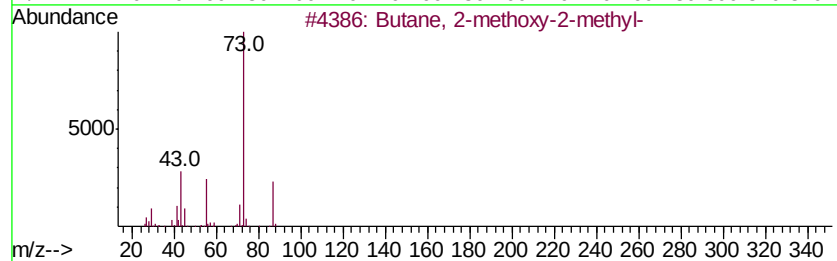
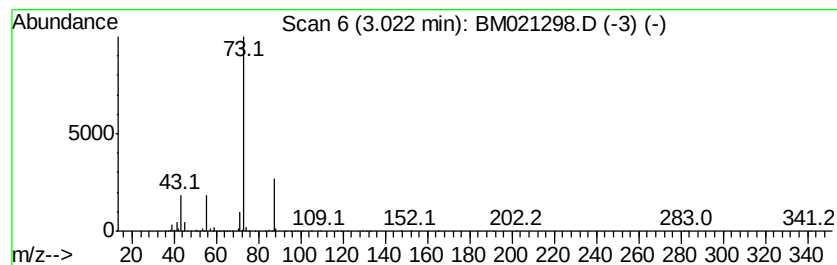
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	32.81 ng/ul	3173120	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	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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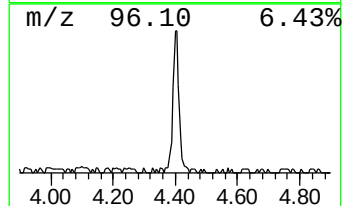
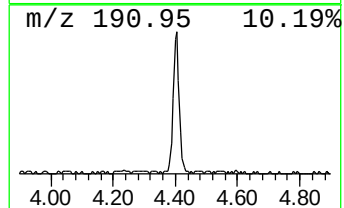
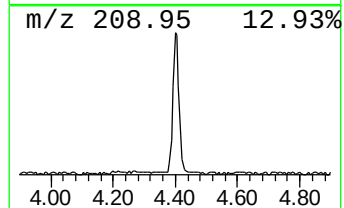
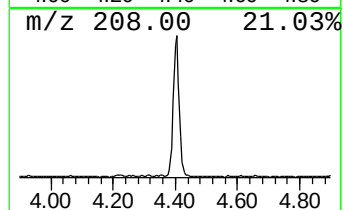
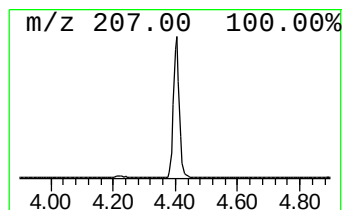
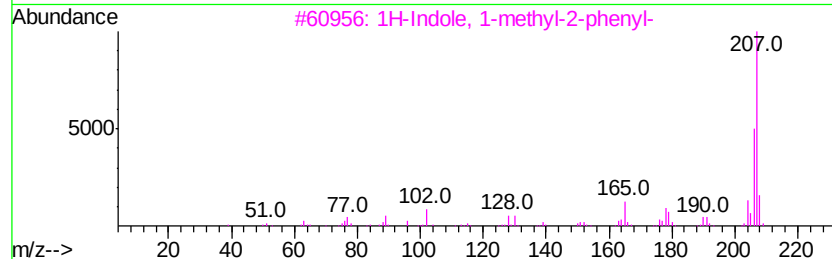
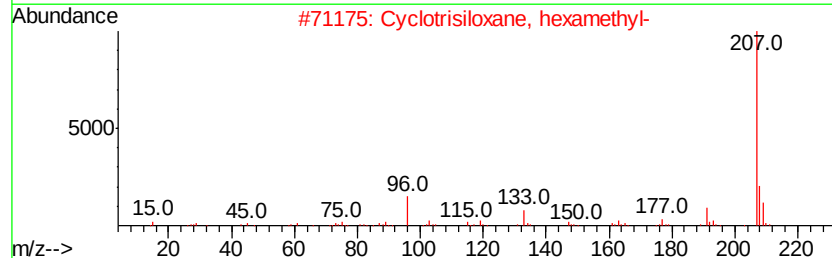
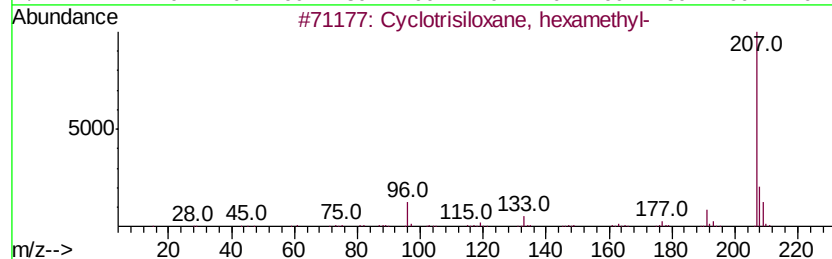
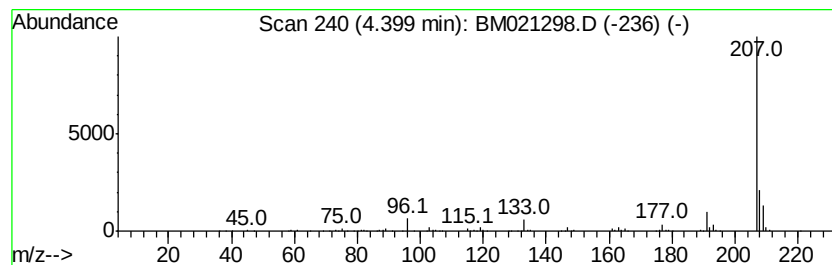
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.85 ng/ul	565807	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
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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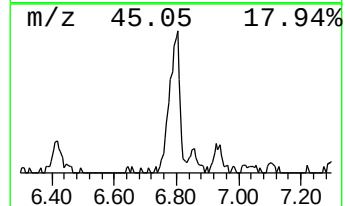
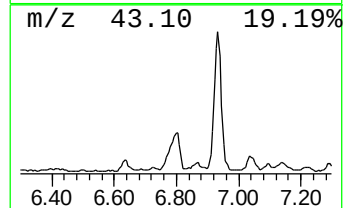
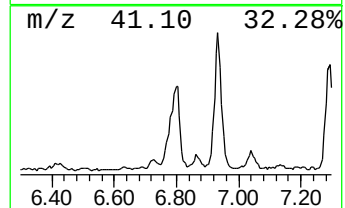
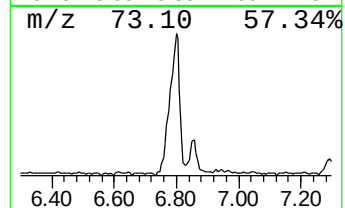
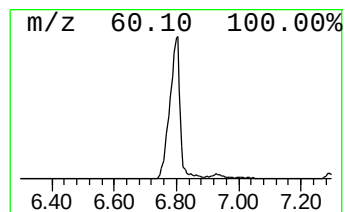
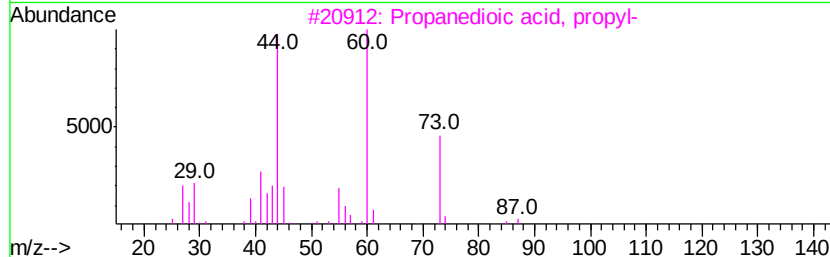
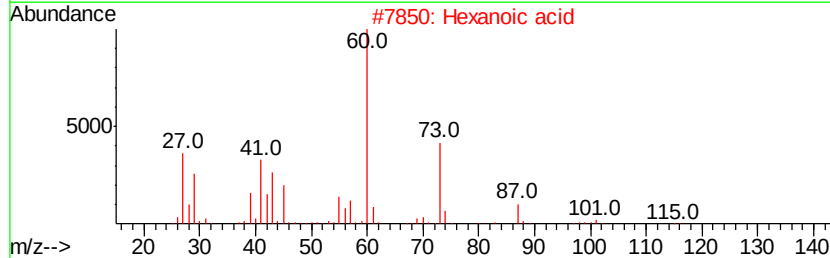
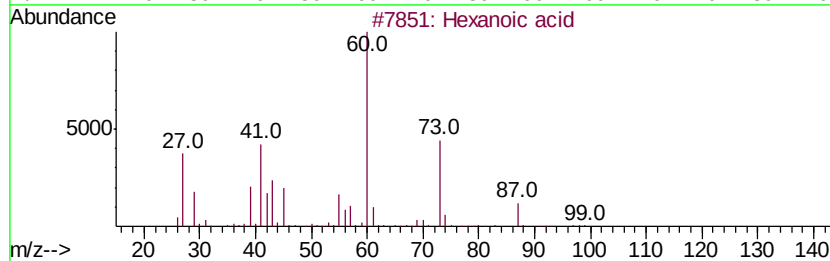
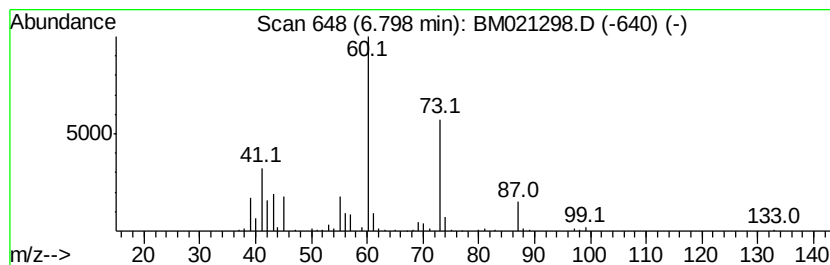
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Hexanoic acid Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	3.05 ng/ul	294756	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		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
4		Pentanoic acid	102	C5H10O2	000109-52-4	78
5		Hexanoic acid	116	C6H12O2	000142-62-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB6

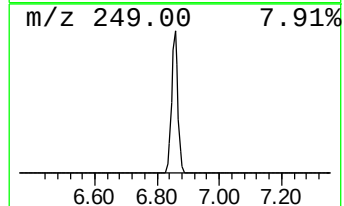
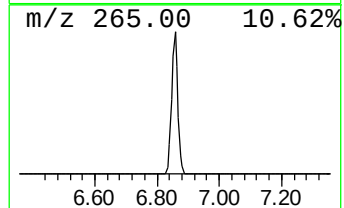
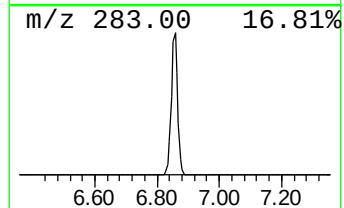
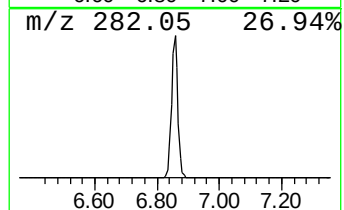
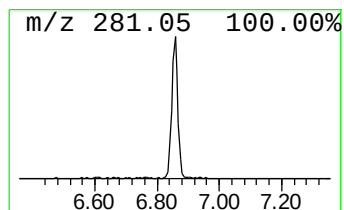
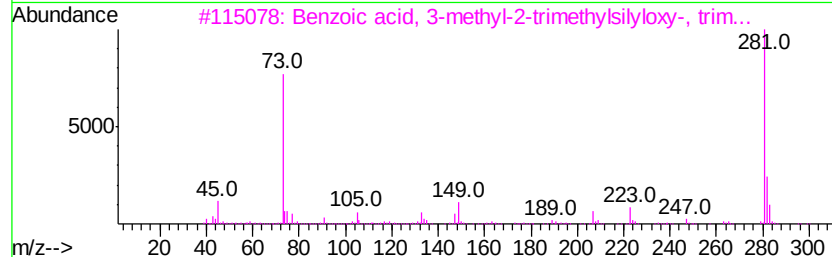
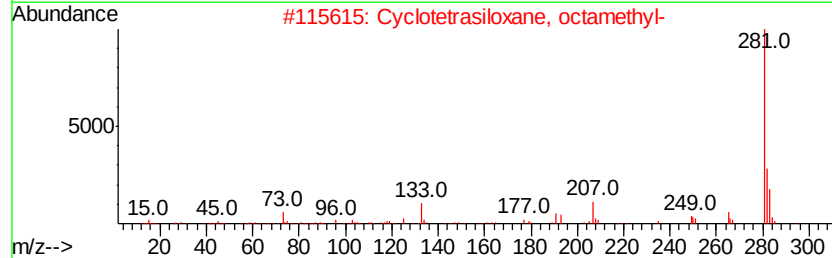
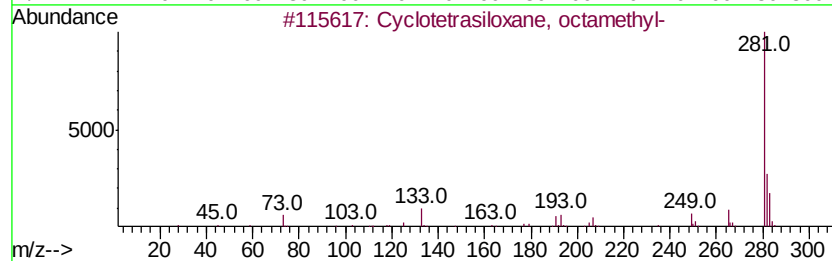
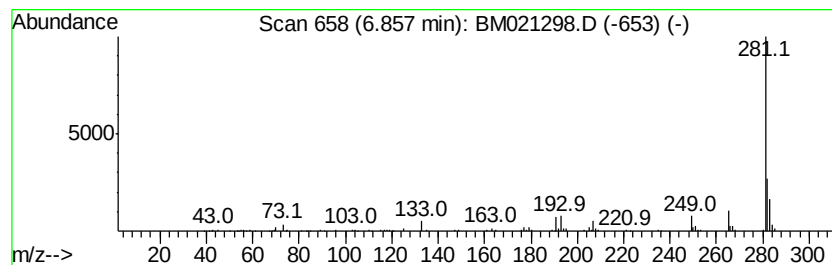
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.56 ng/ul	440654	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	86
3		Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	64
4		trans-4-(2-(5-Nitro-2-furyl)vinyl...	281	C15H11N3O3	000847-10-9	59
5		4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
Misc :
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ClientSampleId :
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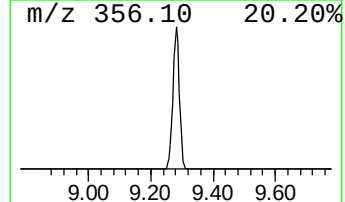
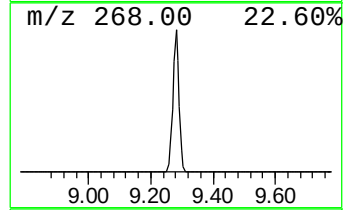
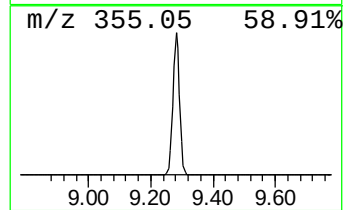
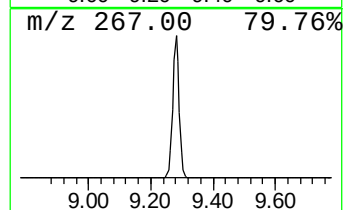
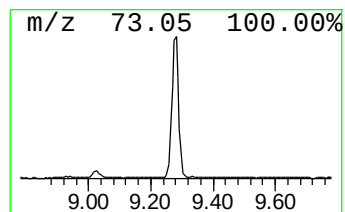
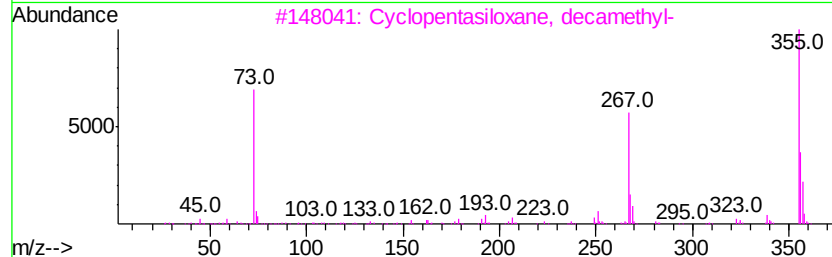
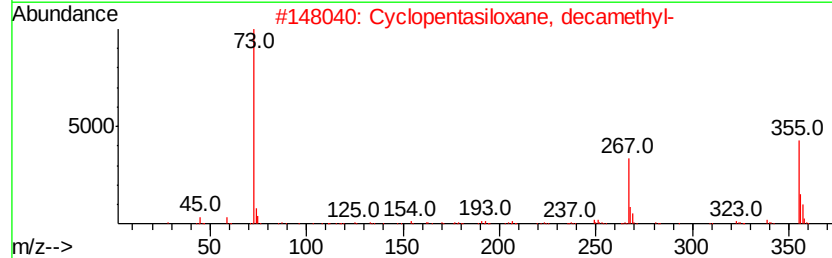
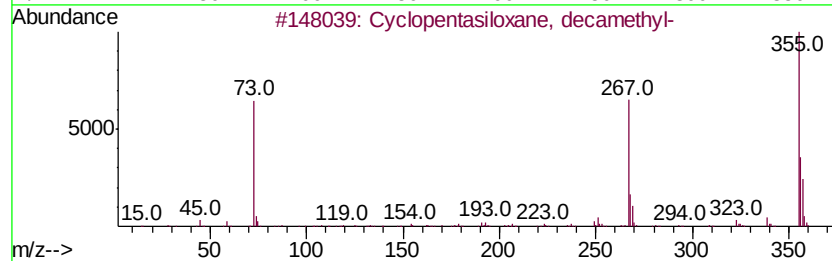
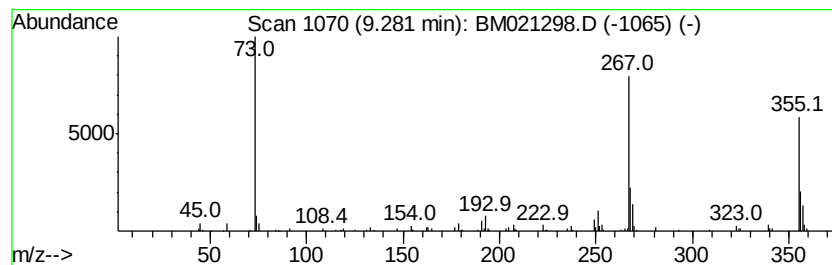
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.18 ng/ul	314997	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
4		Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35N02Si3	068595-60-8	47
5		Propenenitrile, 2-(2-benzothiazo...	268	C14H8N2S2	106833-31-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

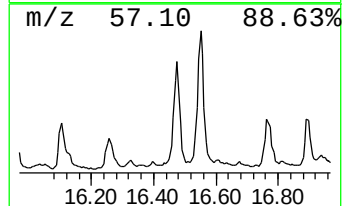
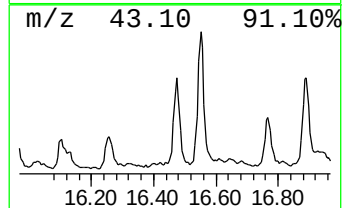
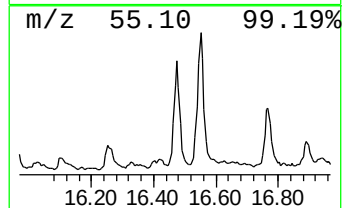
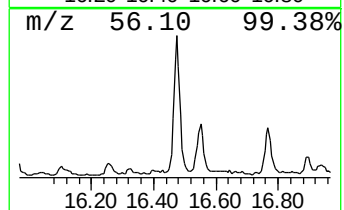
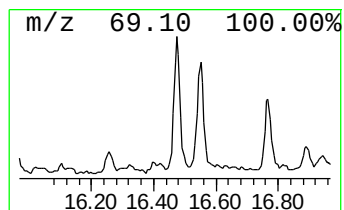
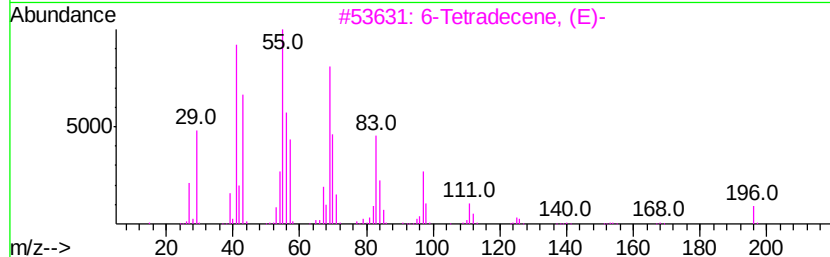
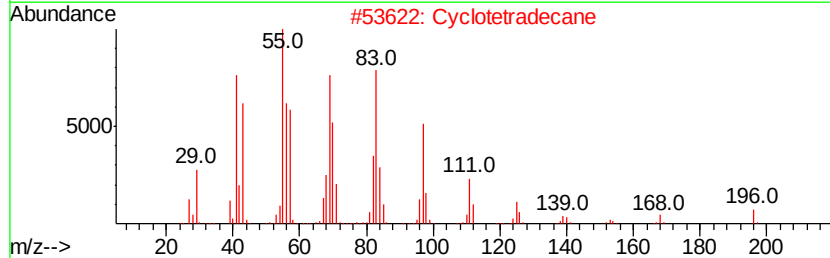
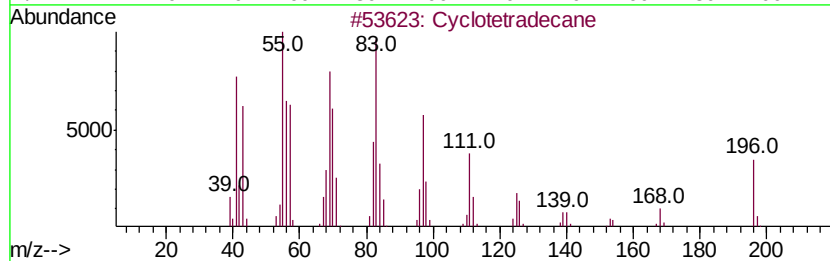
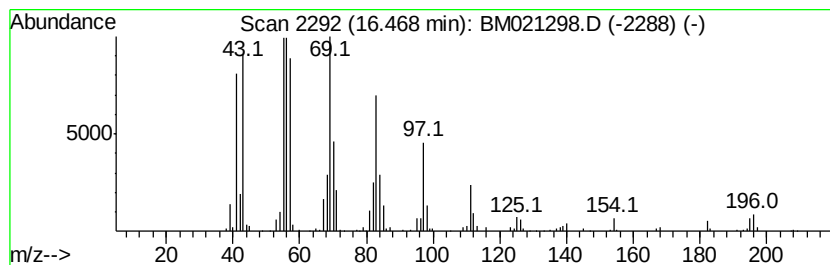
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic16.47 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.39 ng/ul	485956	Phenanthrene-d10	17.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetradecane	196 C14H28	000295-17-0 78
2		Cyclotetradecane	196 C14H28	000295-17-0 78
3		6-Tetradecene, (E)-	196 C14H28	041446-64-4 76
4		7-Tetradecene, (Z)-	196 C14H28	041446-60-0 76
5		7-Tetradecene, (Z)-	196 C14H28	041446-60-0 76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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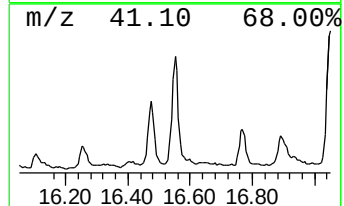
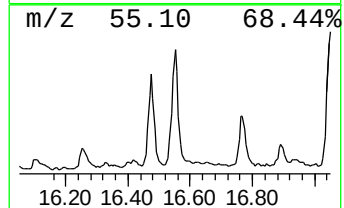
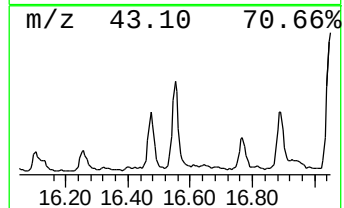
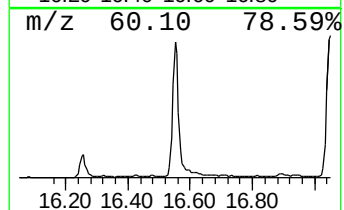
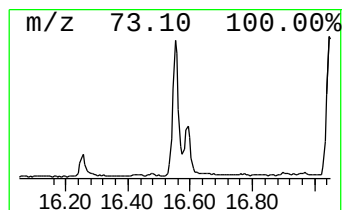
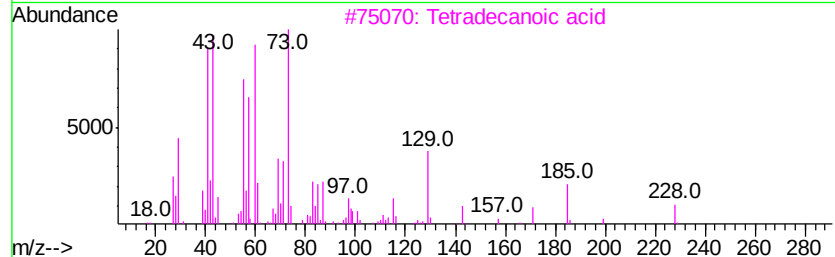
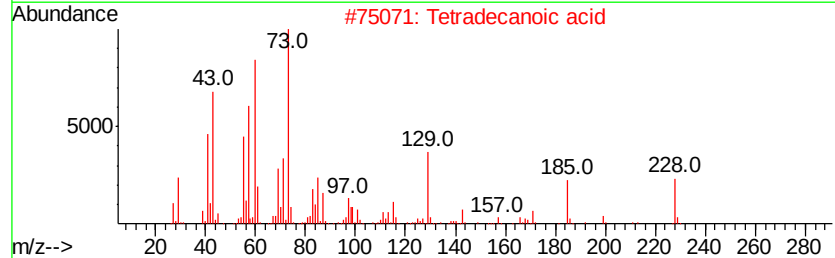
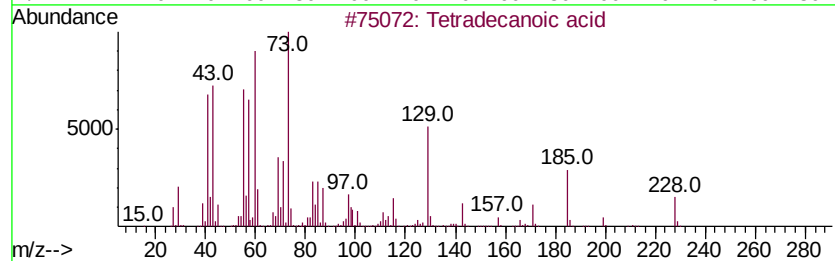
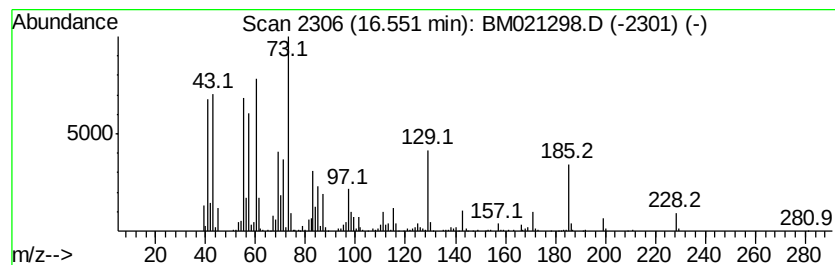
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Tetradecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	4.13 ng/ul	841513	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	97
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	96
4			n-Decanoic acid	172	C10H20O2	000334-48-5	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3590-17
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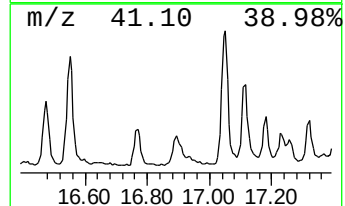
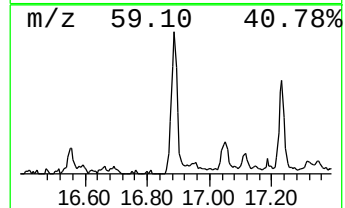
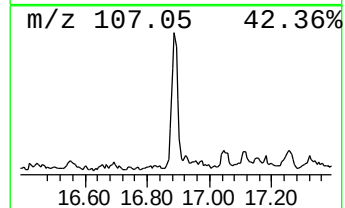
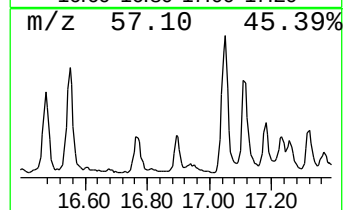
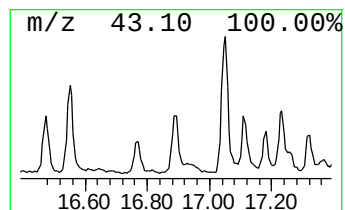
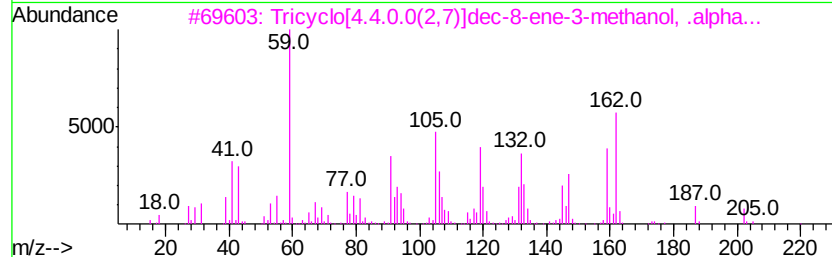
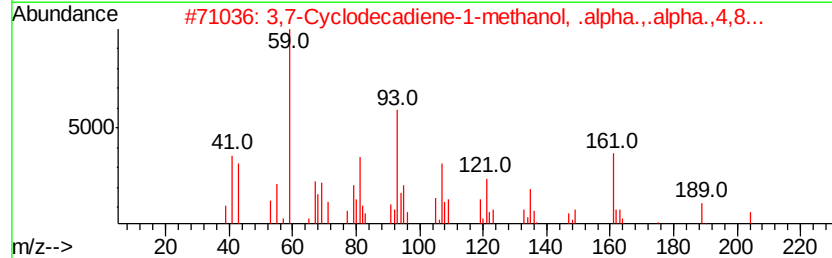
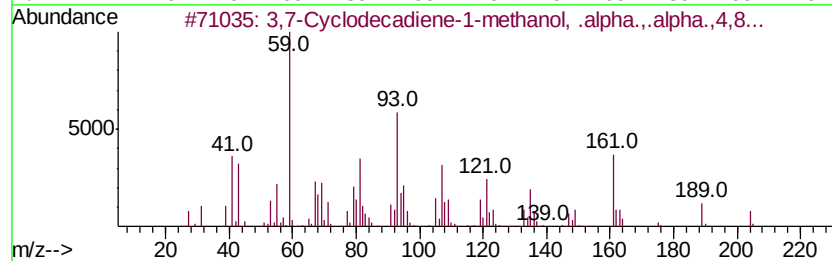
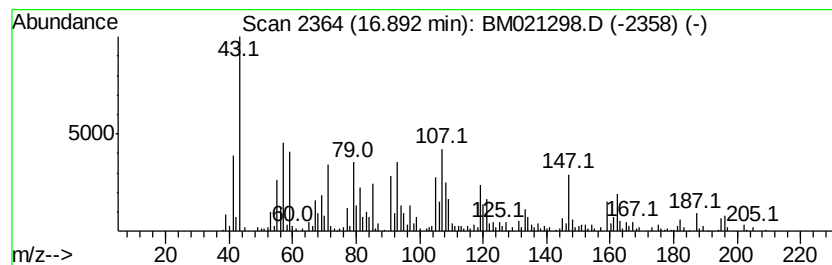
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.89	2.82 ng/ul	574261	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Cyclodecadiene-1-methanol, ...	222	C15H26O	021657-90-9	32	
2	3,7-Cyclodecadiene-1-methanol, ...	222	C15H26O	021657-90-9	32	
3	Tricyclo[4.4.0.0(2,7)]dec-8-ene-...	220	C15H24O	041370-56-3	25	
4	Cyclohexanol, 2-methylene-3-(1-m...	194	C12H18O2	054824-09-8	14	
5	2,6-Dimethyl-1,6-heptadien-4-ol ...	182	C11H18O2	070187-91-6	12	



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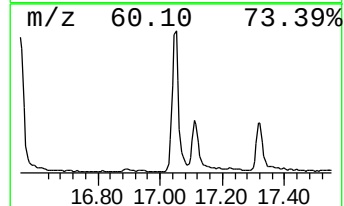
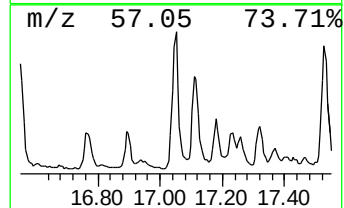
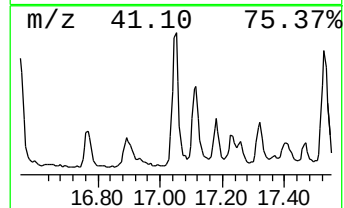
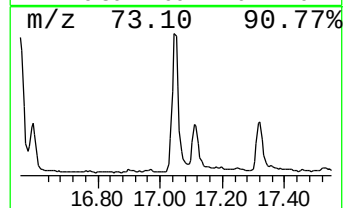
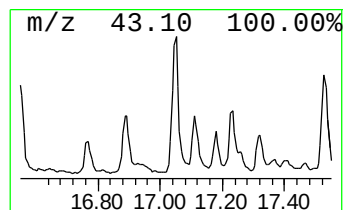
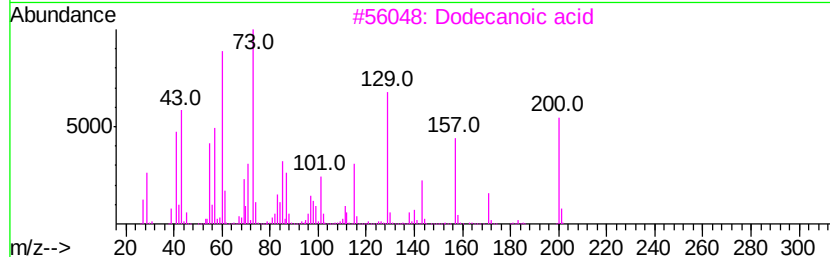
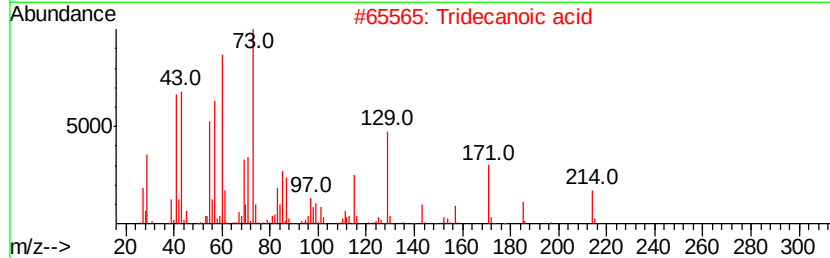
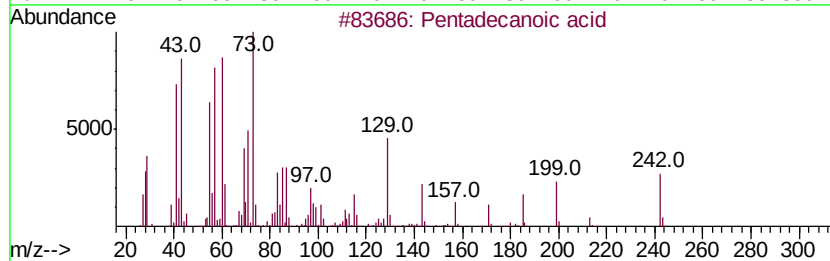
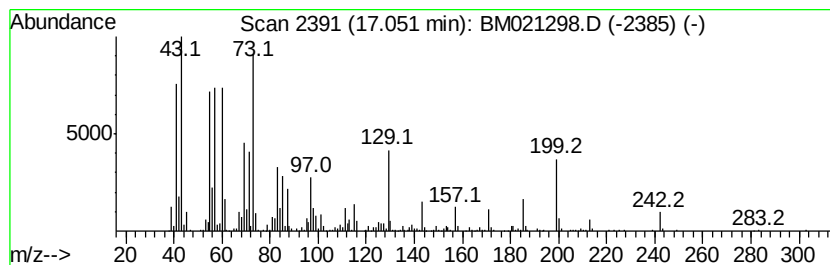
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Pentadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.05	5.66 ng/ul	1153830	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	81
3		Dodecanoic acid	200	C12H24O2	000143-07-7	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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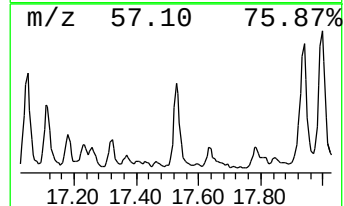
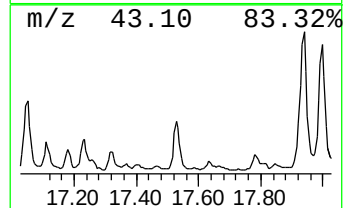
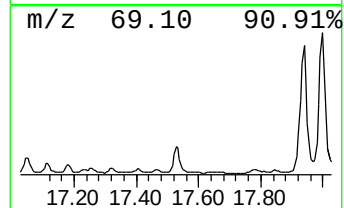
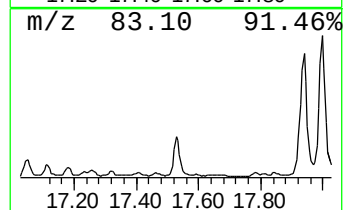
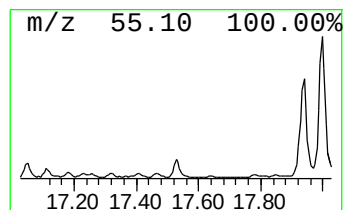
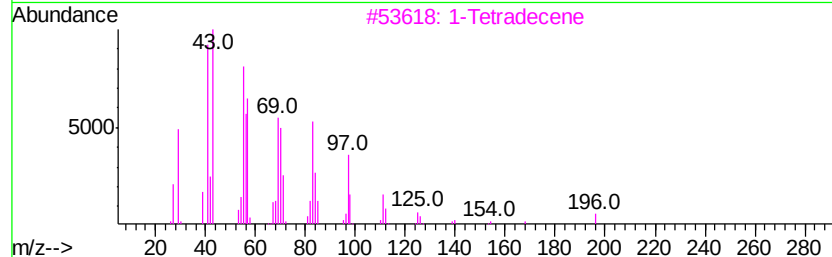
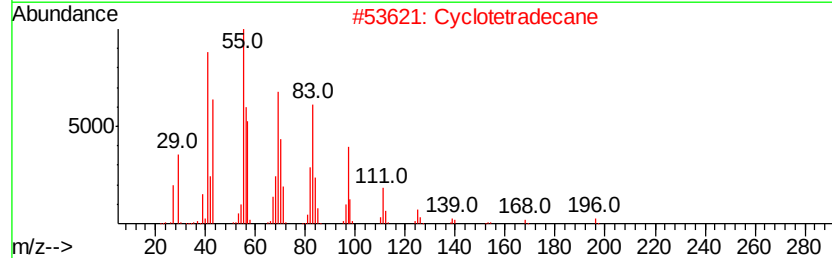
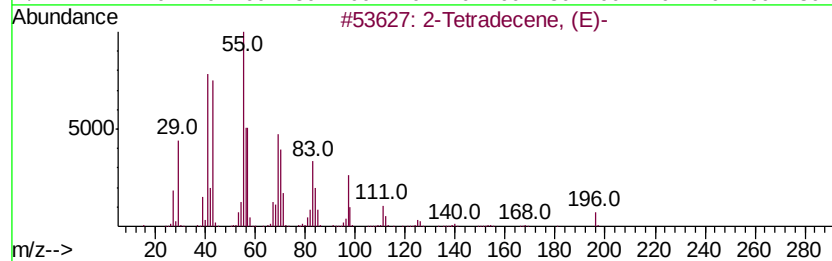
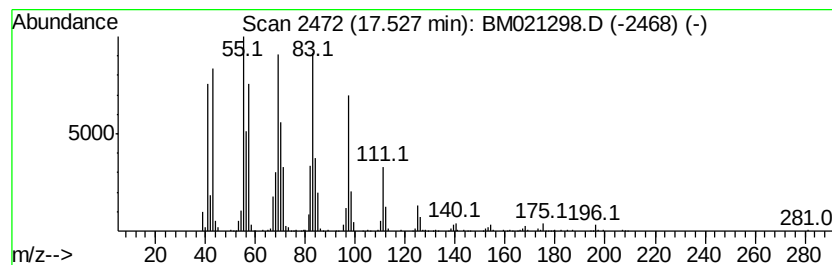
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic17.53 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	3.96 ng/ul	806104	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Tetradecene, (E)-	196	C14H28	035953-53-8	97
2		Cyclotetradecane	196	C14H28	000295-17-0	97
3		1-Tetradecene	196	C14H28	001120-36-1	97
4		1-Tetradecene	196	C14H28	001120-36-1	95
5		1-Hexadecanol	242	C16H34O	036653-82-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

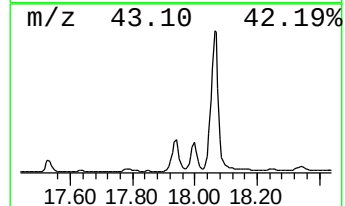
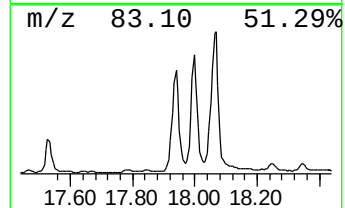
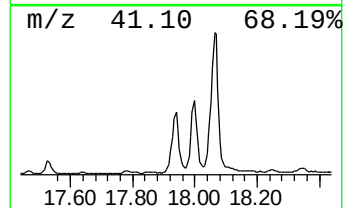
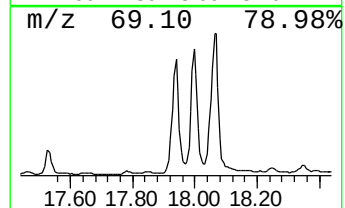
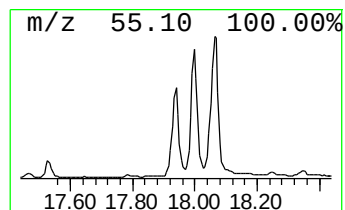
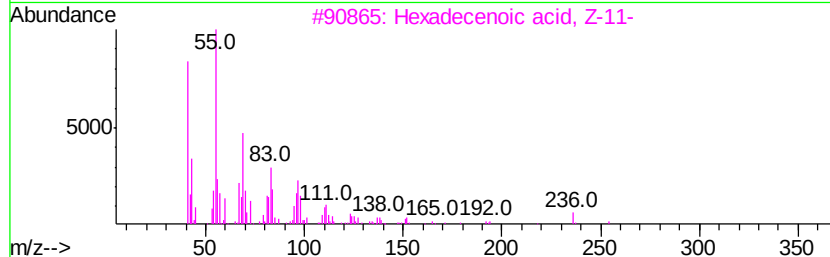
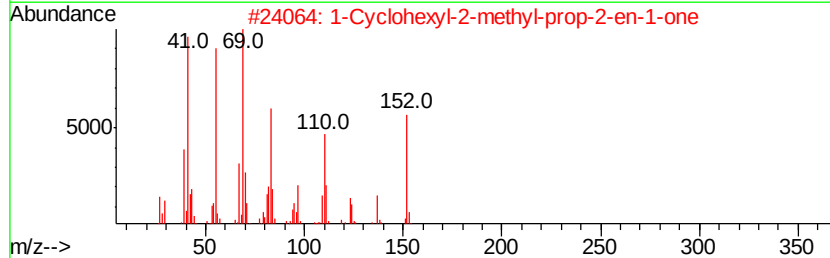
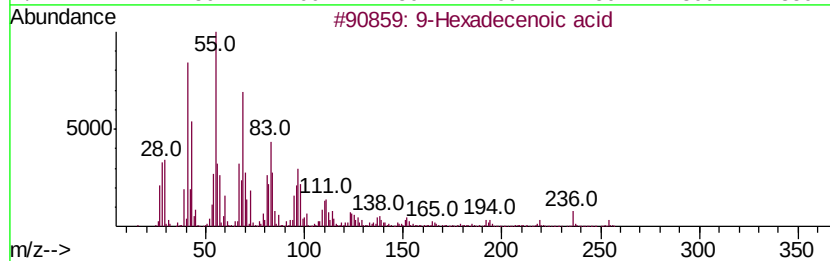
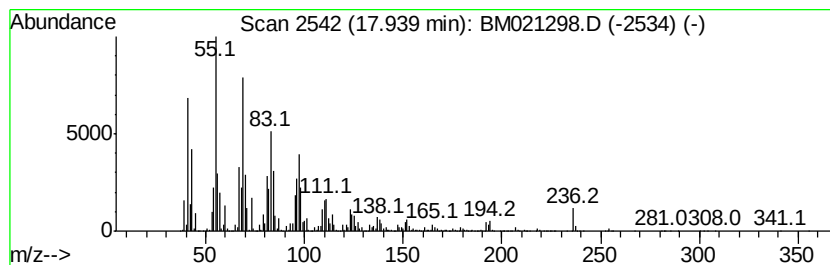
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9-Hexadecenoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.94	25.41 ng/ul	5176520	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64
2		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60
3		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	60
4		Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	60
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
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Sample : K3590-17
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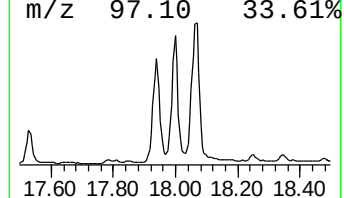
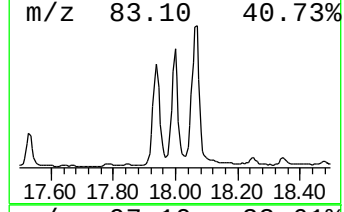
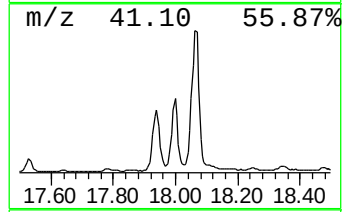
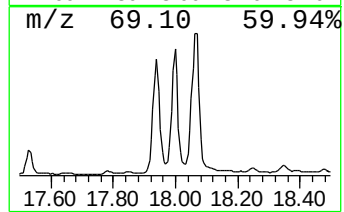
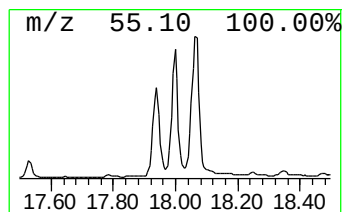
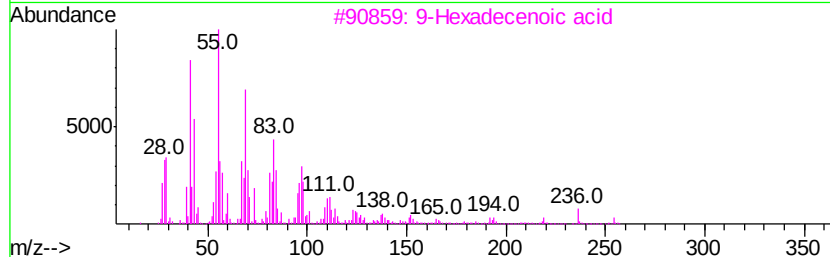
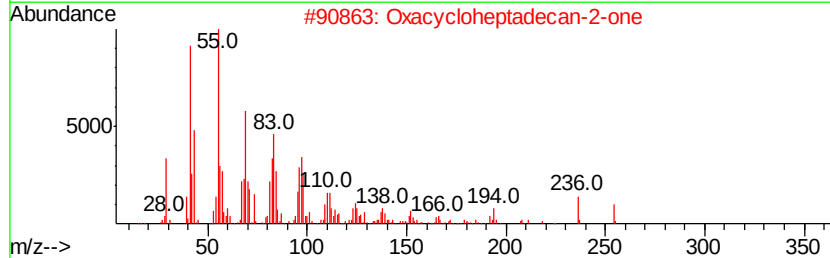
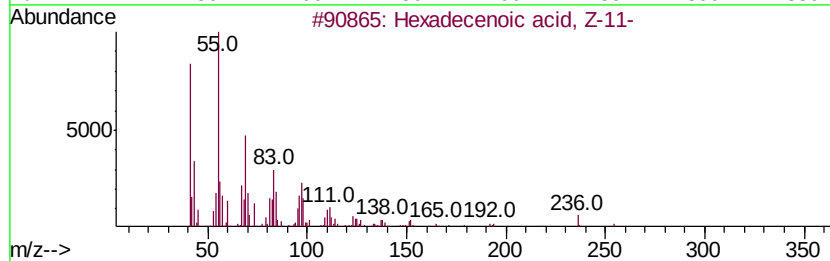
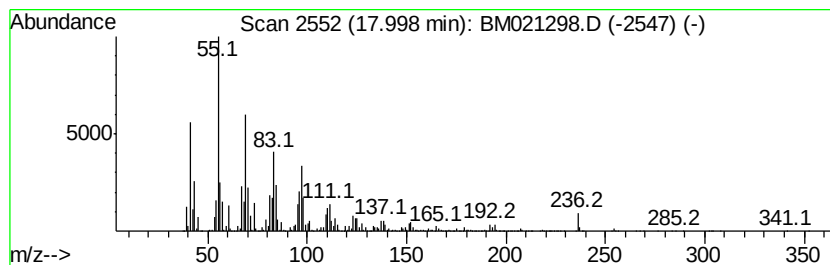
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Hexadecenoic acid, Z-11- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	25.99 ng/ul	5293600	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		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	91
3		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
4		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	81
5		E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

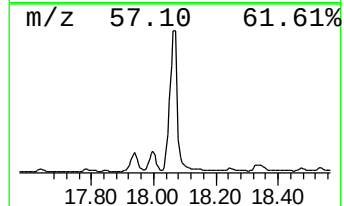
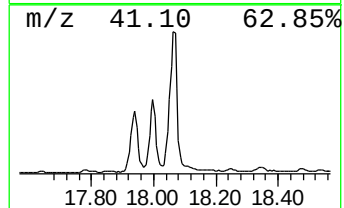
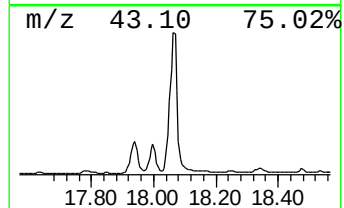
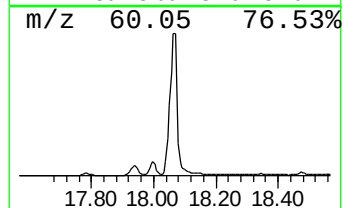
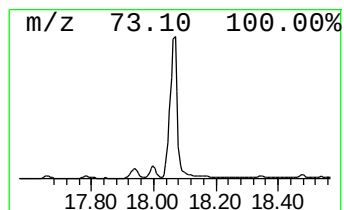
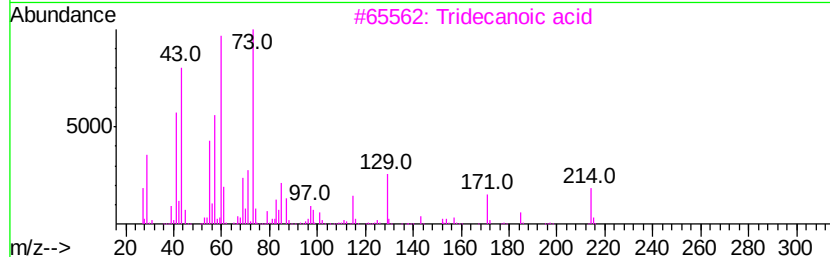
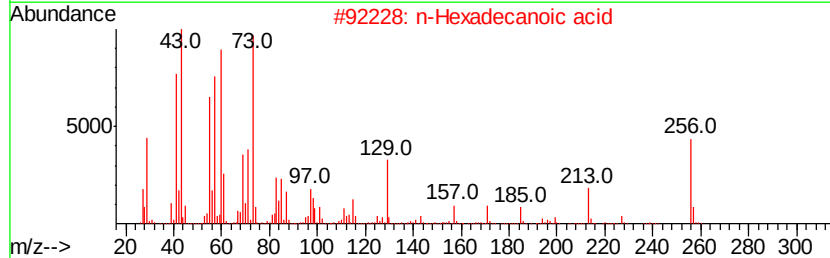
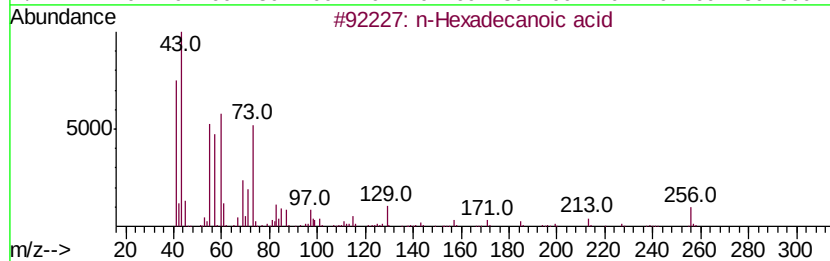
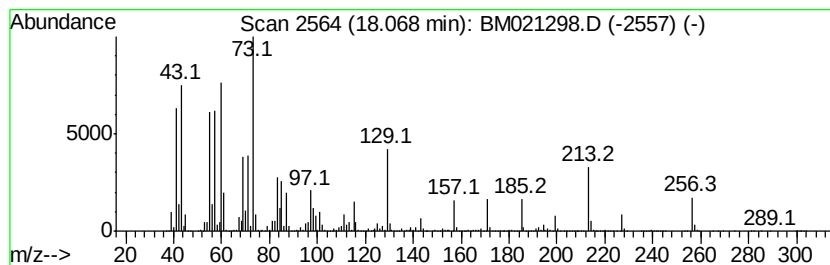
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.07	65.84 ng/ul	13412500	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
4	Undecanoic acid	186	C11H22O2	000112-37-8	83	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
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Sample : K3590-17
Misc :
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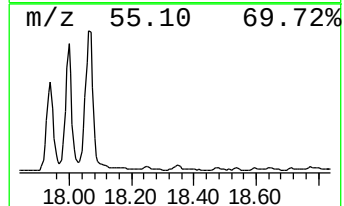
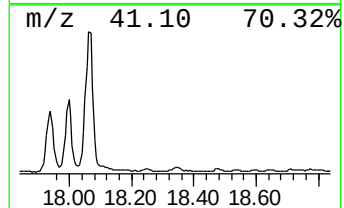
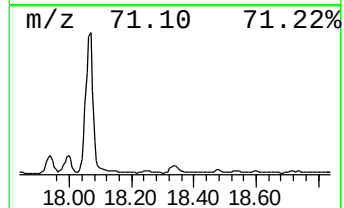
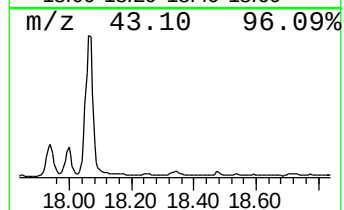
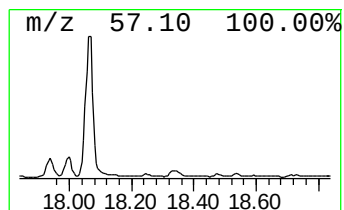
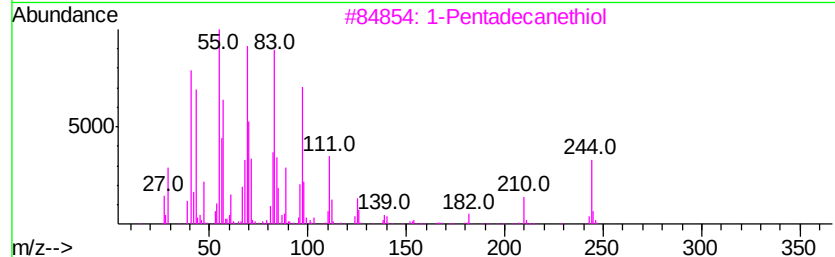
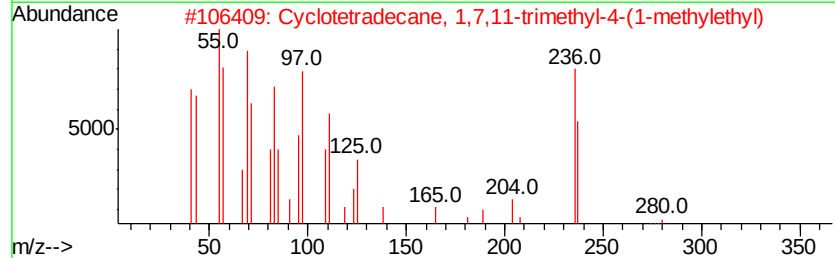
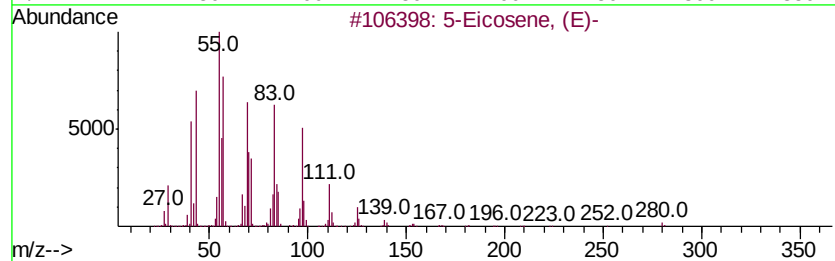
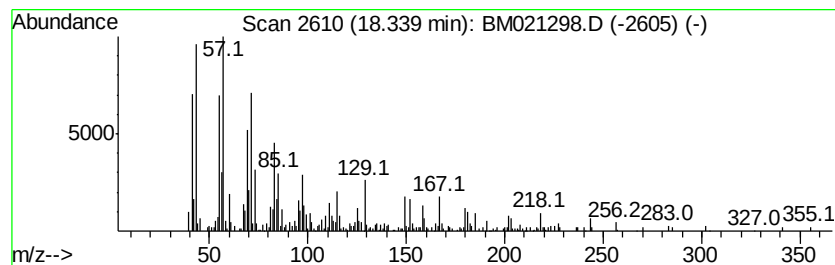
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic18.34 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.62 ng/ul	533250	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2			Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	83
3			1-Pentadecanethiol	244	C15H32S	025276-70-4	78
4			Cycloeicosane	280	C20H40	000296-56-0	59
5			7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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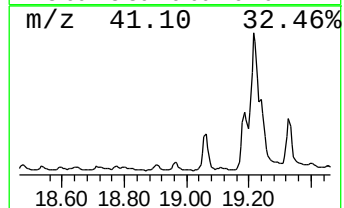
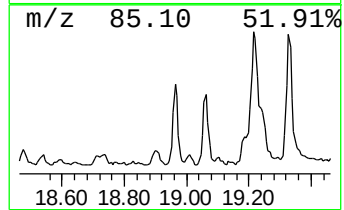
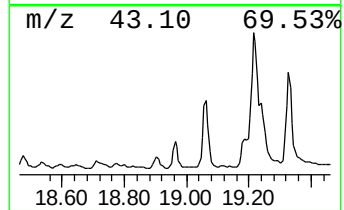
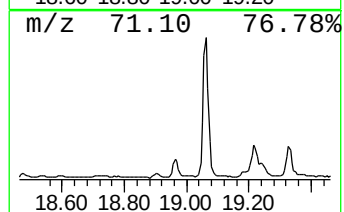
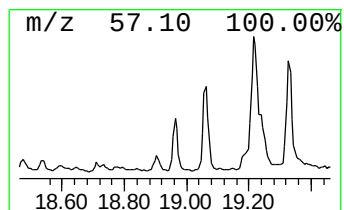
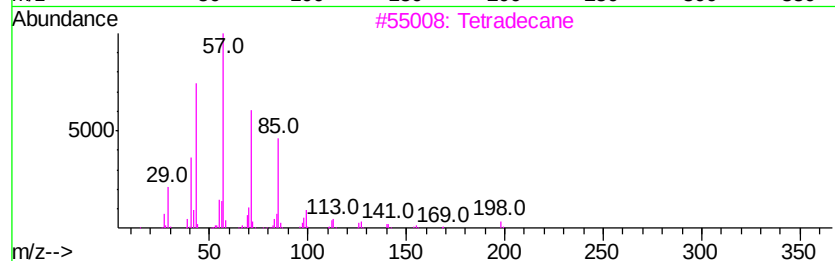
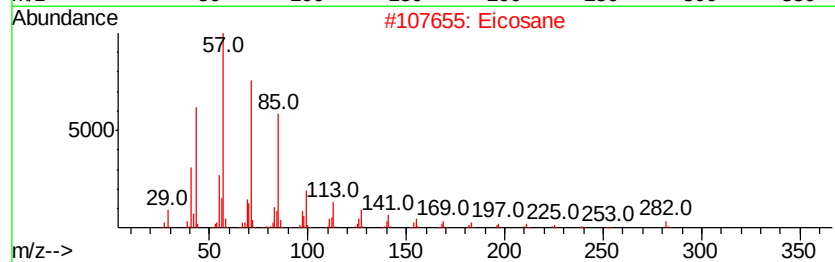
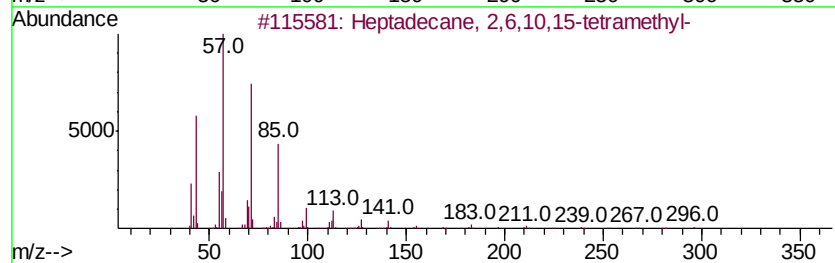
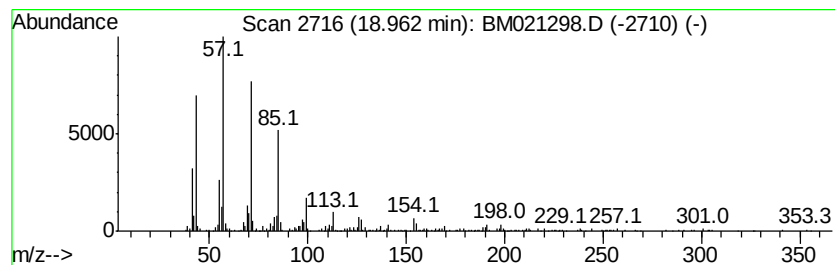
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.16 ng/ul	440864	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2			Eicosane	282	C20H42	000112-95-8	93
3			Tetradecane	198	C14H30	000629-59-4	91
4			Pentadecane	212	C15H32	000629-62-9	90
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



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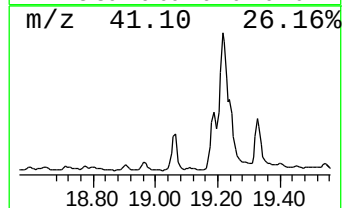
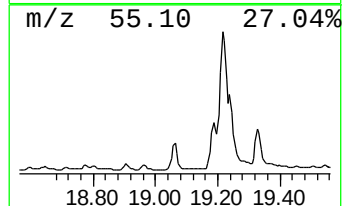
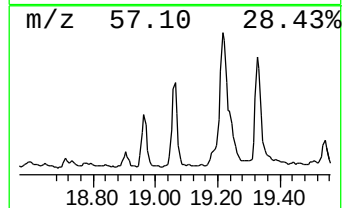
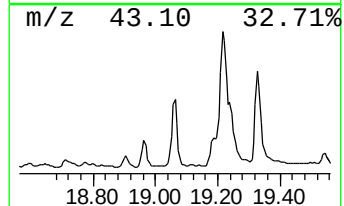
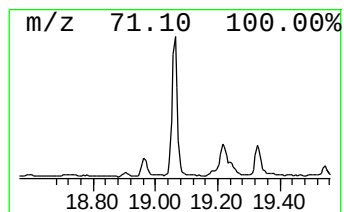
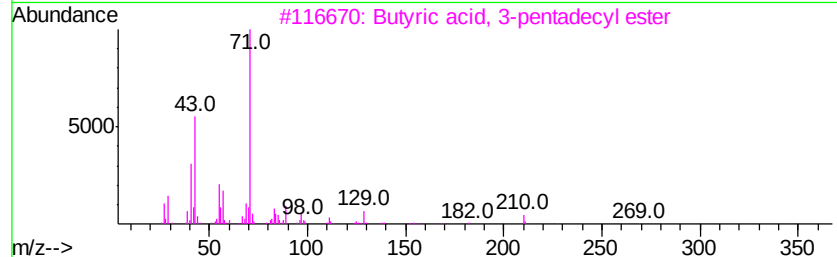
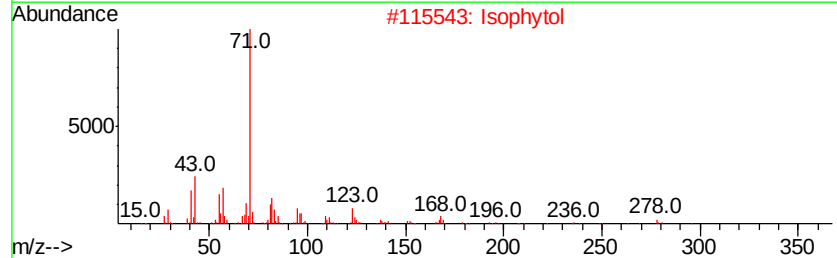
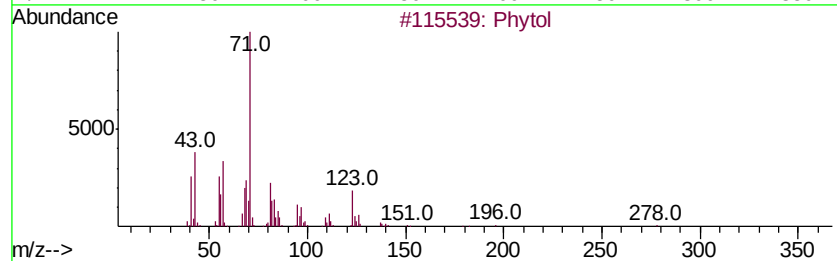
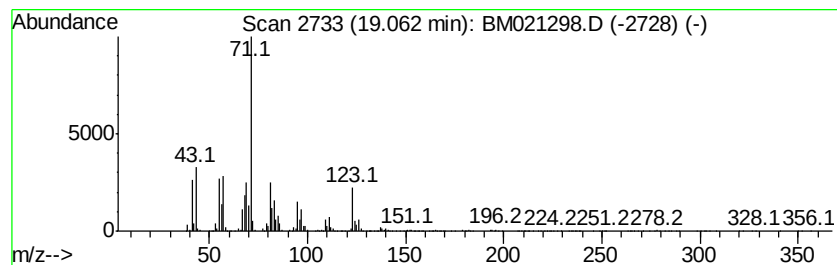
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phytol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	7.69 ng/ul	1567480	Phenanthrene-d10	17.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phytol		296 C20H400	000150-86-7 90
2	Isophytol		296 C20H400	000505-32-8 53
3	Butyric acid, 3-pentadecyl ester		298 C19H3802	1000280-57-3 53
4	Phytol		296 C20H400	000150-86-7 52
5	Phytol		296 C20H400	000150-86-7 52



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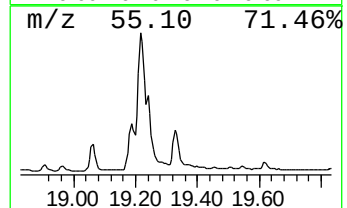
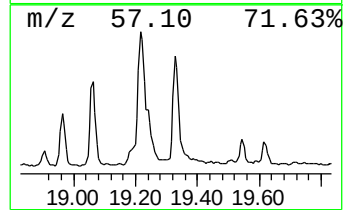
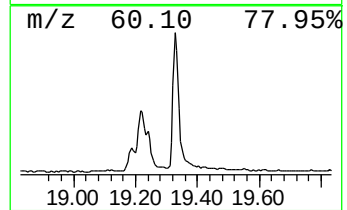
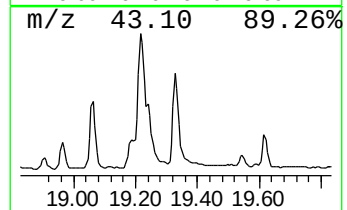
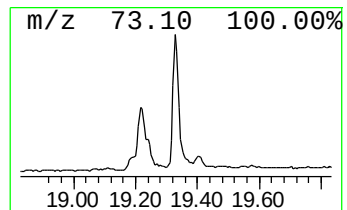
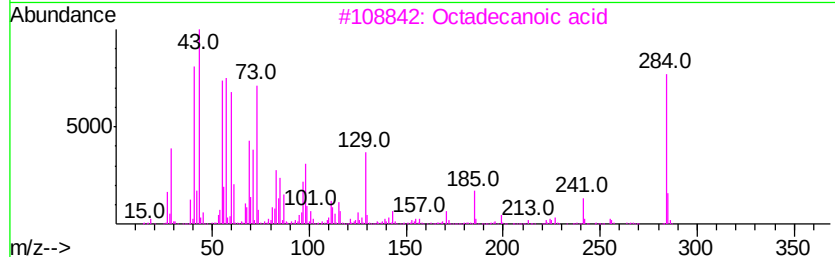
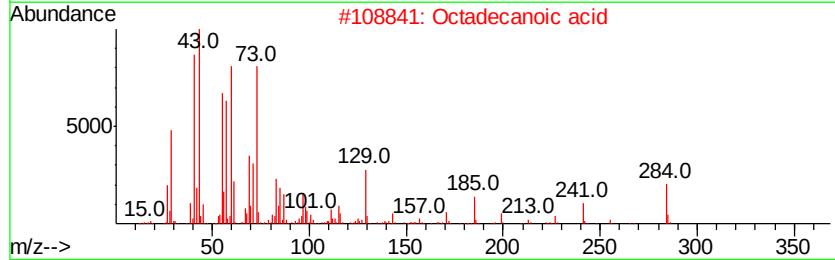
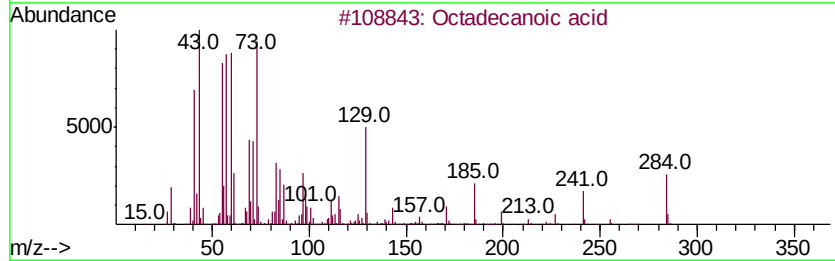
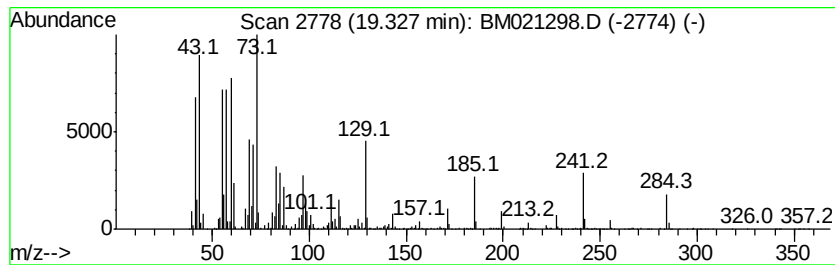
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.33	7.46 ng/ul	2294120	Chrysene-d12		21.34		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	93
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 : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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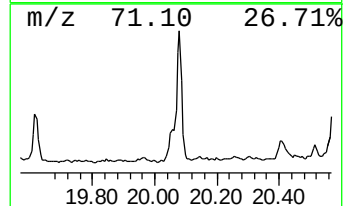
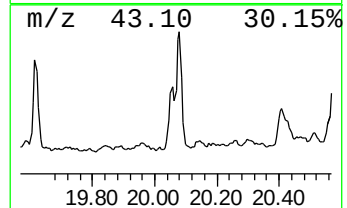
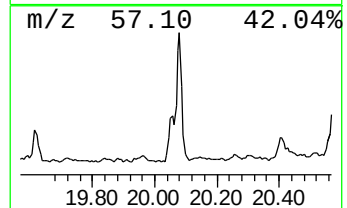
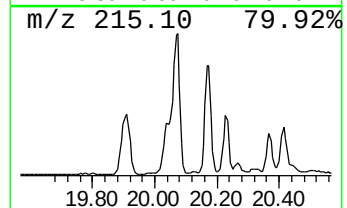
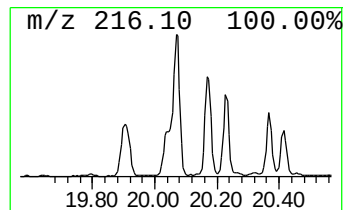
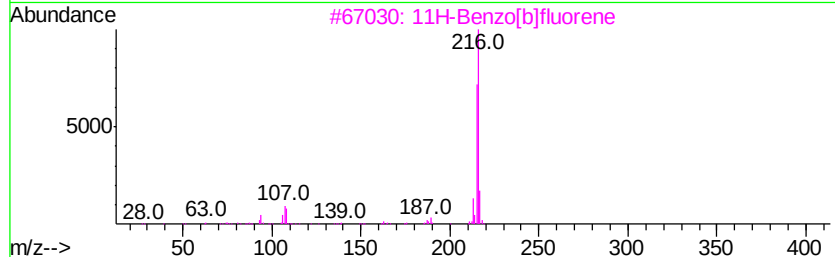
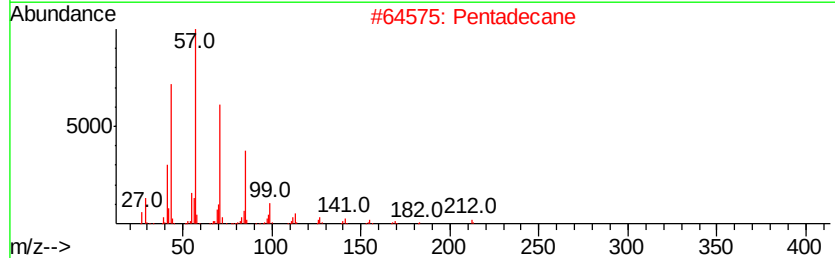
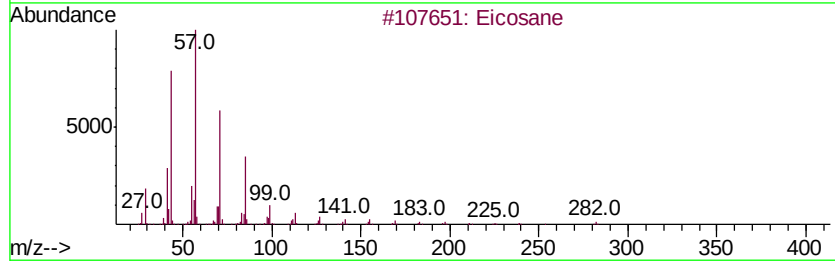
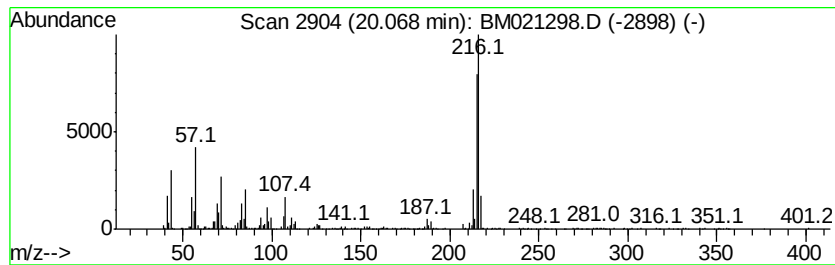
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	4.16 ng/ul	1280130	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Pentadecane	212	C15H32	000629-62-9	90
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
4			Pvrene, 1-methyl-	216	C17H12	002381-21-7	58
5			Pentadecane	212	C15H32	000629-62-9	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

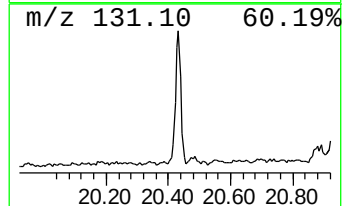
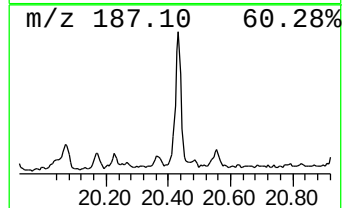
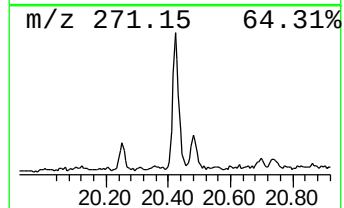
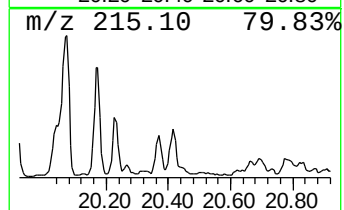
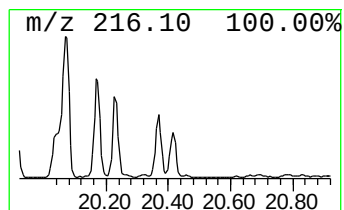
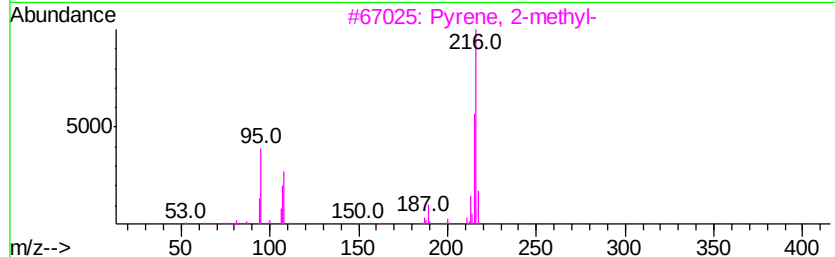
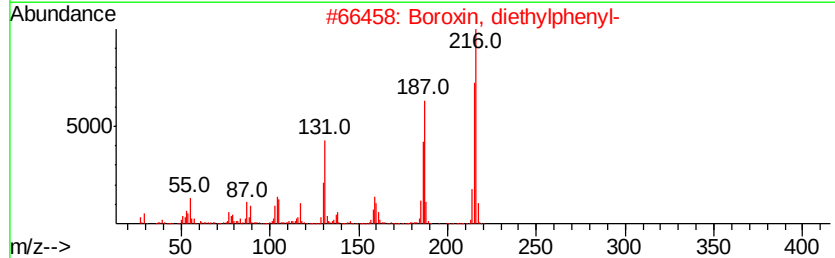
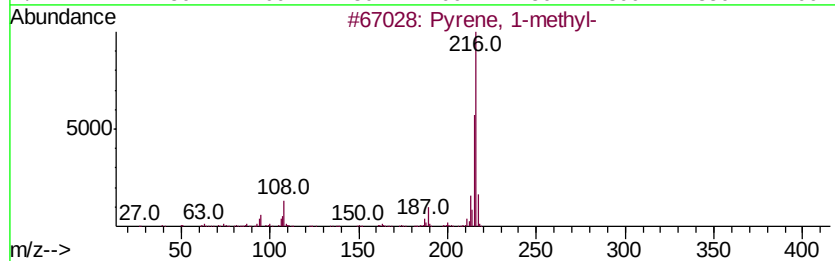
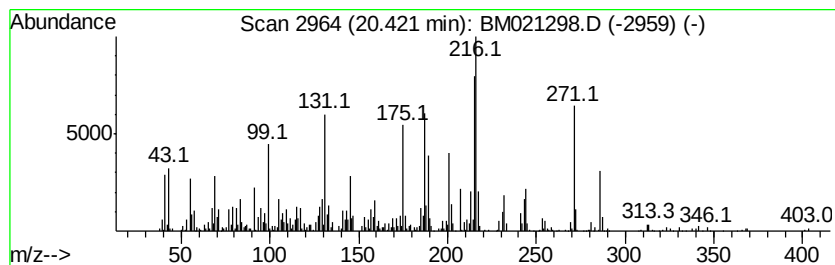
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.29 ng/ul	702855	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 55
2		Boroxin, diethylphenyl-	216 C10H15B3O3	1000151-81-1 43
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 42
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 42
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

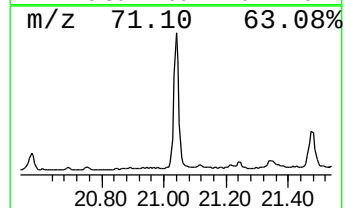
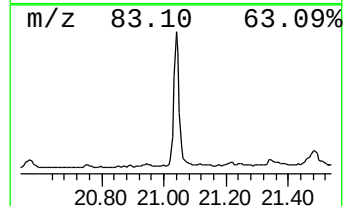
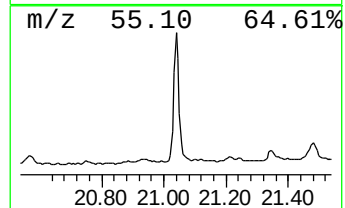
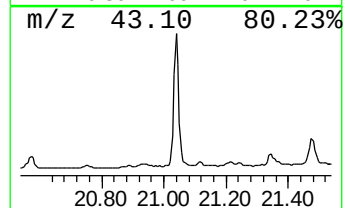
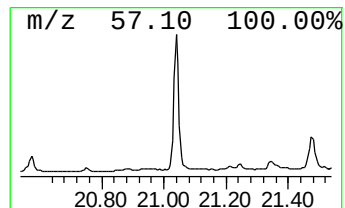
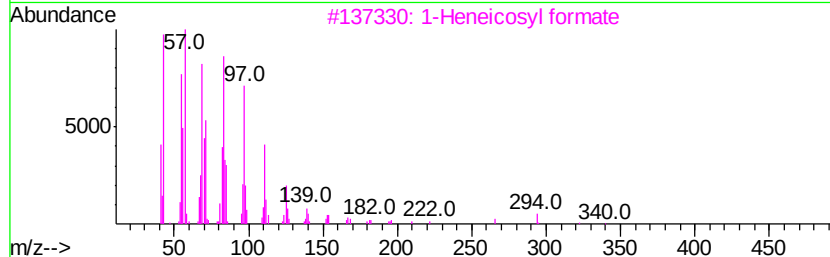
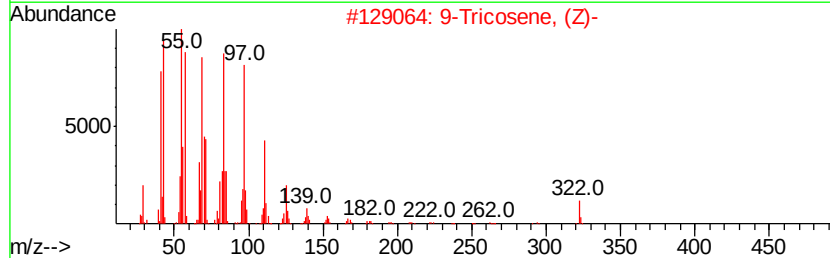
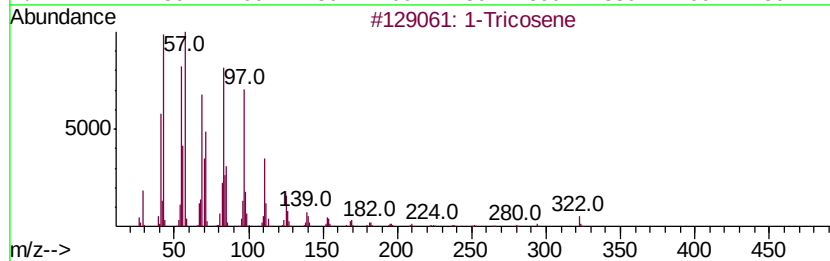
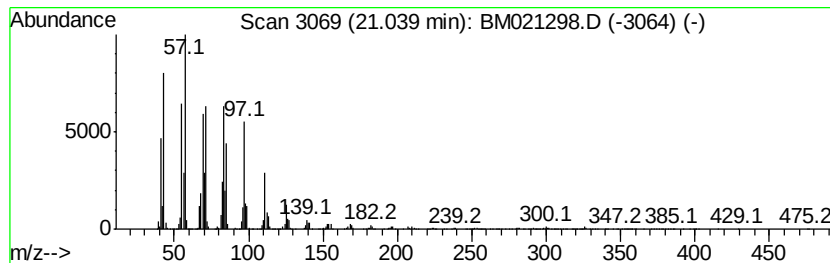
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Cyclic21.04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	12.25 ng/ul	3764560	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tricosene		322 C23H46	018835-32-0 98
2	9-Tricosene, (Z)-		322 C23H46	027519-02-4 94
3	1-Heneicosyl formate		340 C22H44O2	077899-03-7 92
4	Ethanol, 2-(tetradecyloxy)-		258 C16H34O2	002136-70-1 91
5	Pentafluoropropionic acid, hepta...		402 C20H35F5O2	1000283-04-2 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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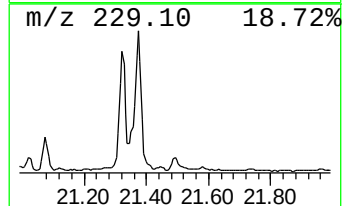
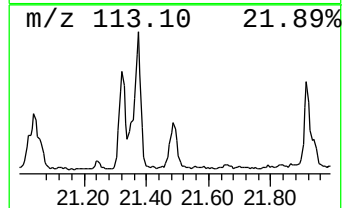
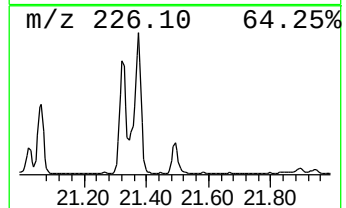
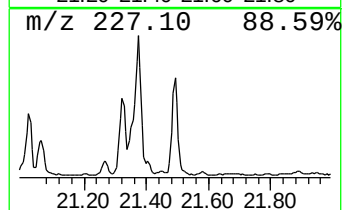
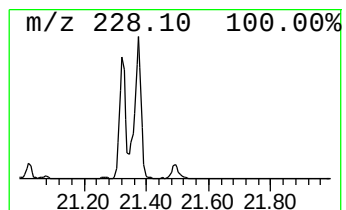
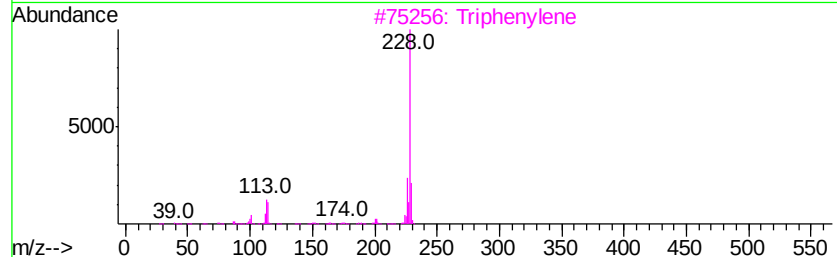
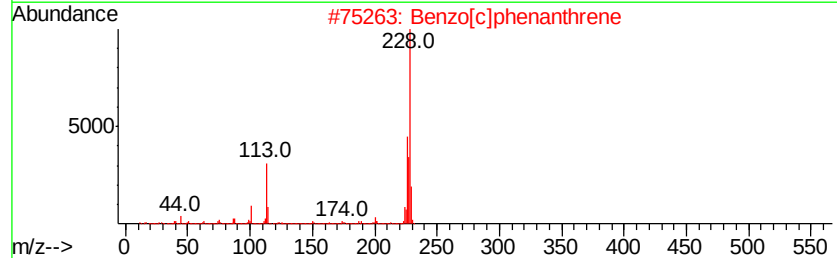
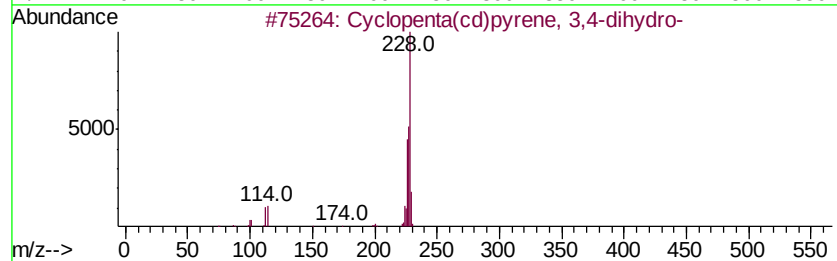
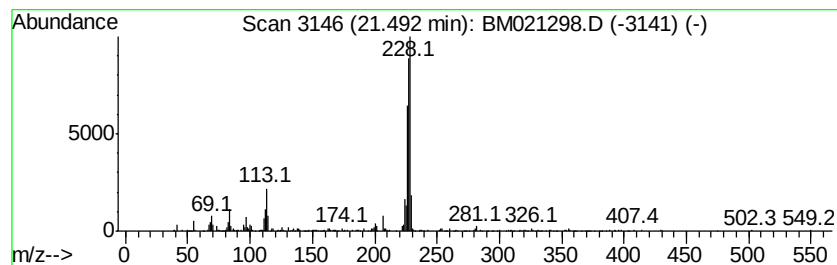
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.90 ng/ul	892861	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
3		Triphenylene	228	C18H12	000217-59-4	38
4		Triphenylene	228	C18H12	000217-59-4	38
5		Triphenylene	228	C18H12	000217-59-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
Misc :
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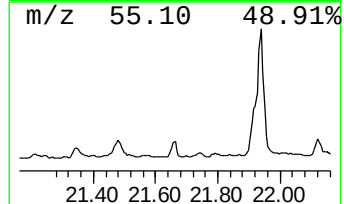
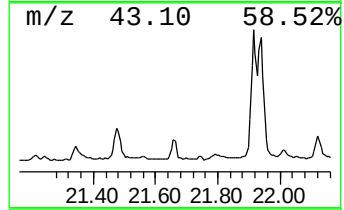
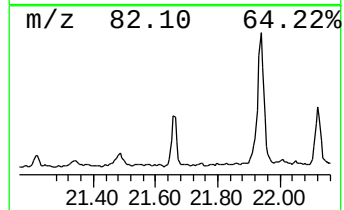
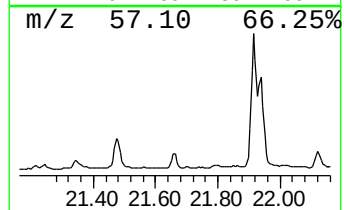
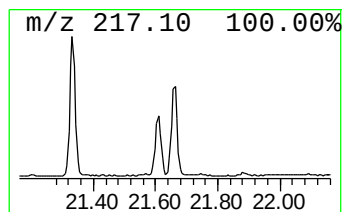
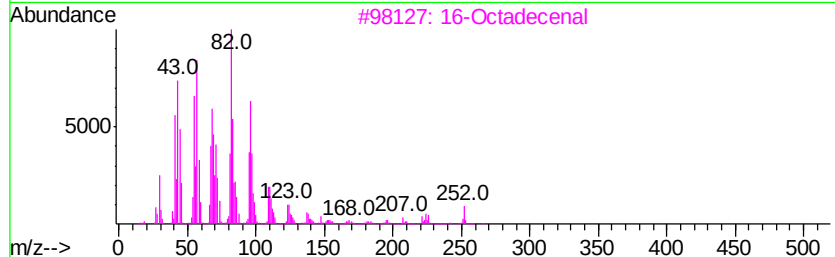
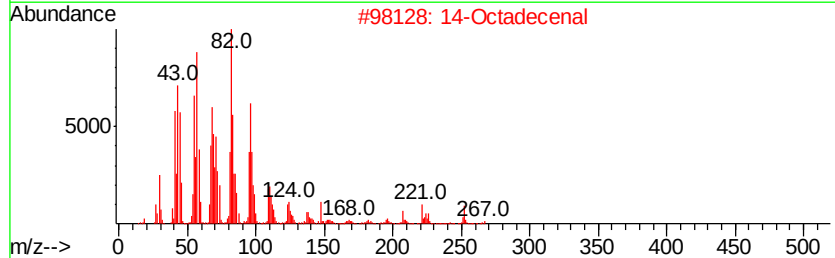
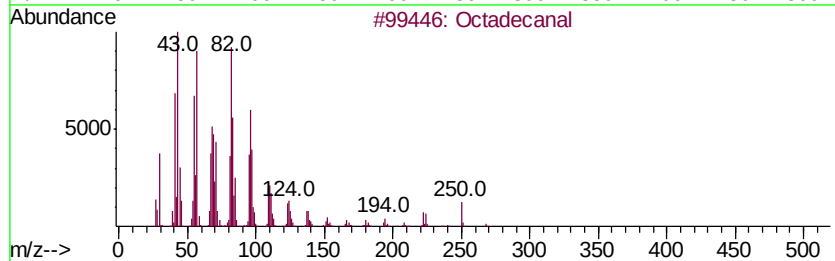
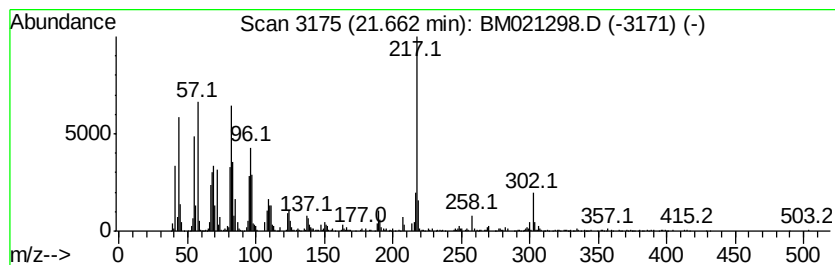
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Octadecanal Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.28 ng/ul	701549	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	97
2		14-Octadecenal	266	C18H34O	056554-89-3	78
3		16-Octadecenal	266	C18H34O	056554-87-1	78
4		17-Octadecenal	266	C18H34O	056554-86-0	78
5		Pentadecanal-	226	C15H30O	002765-11-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
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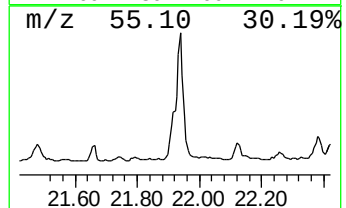
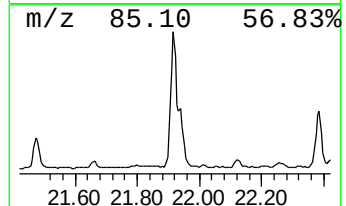
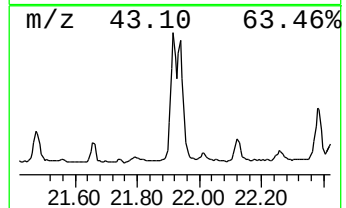
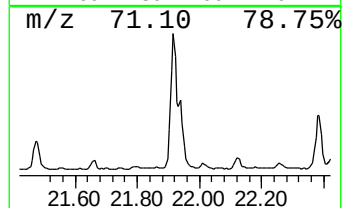
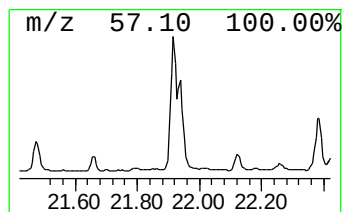
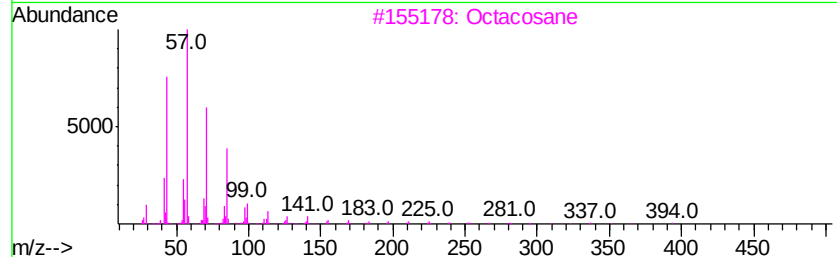
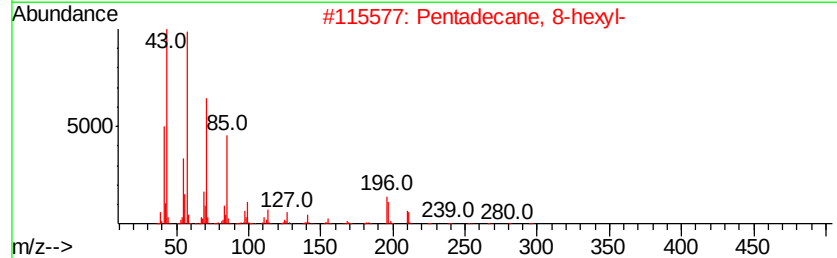
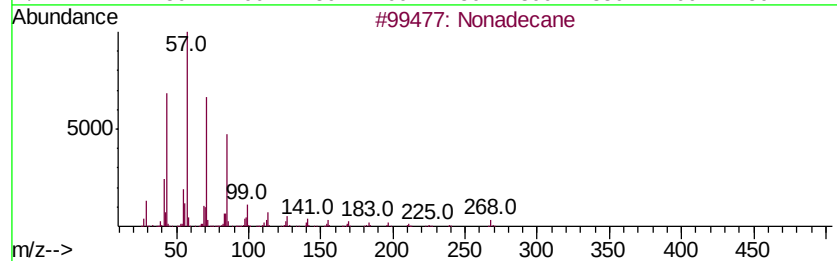
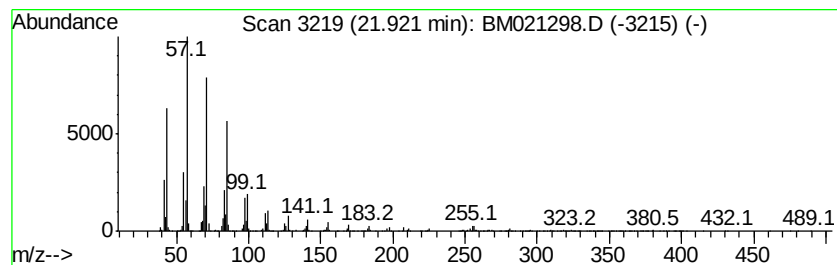
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	6.46 ng/ul	1985620	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3			Octacosane	394	C28H58	000630-02-4	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
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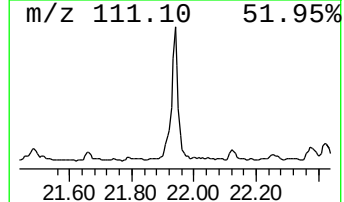
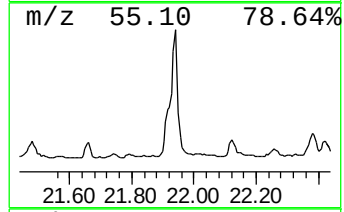
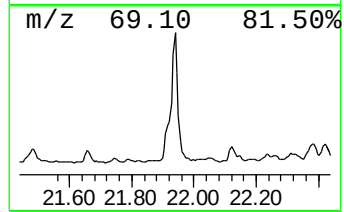
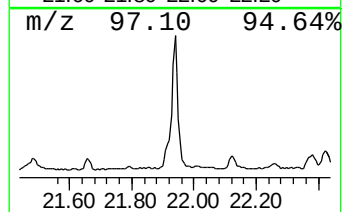
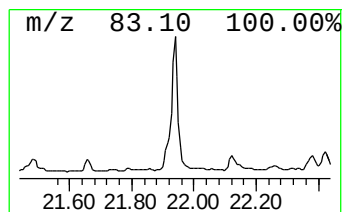
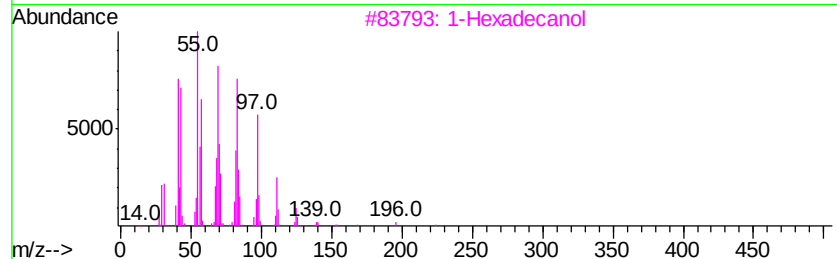
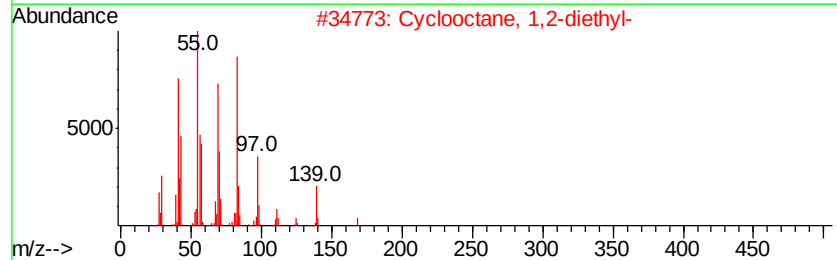
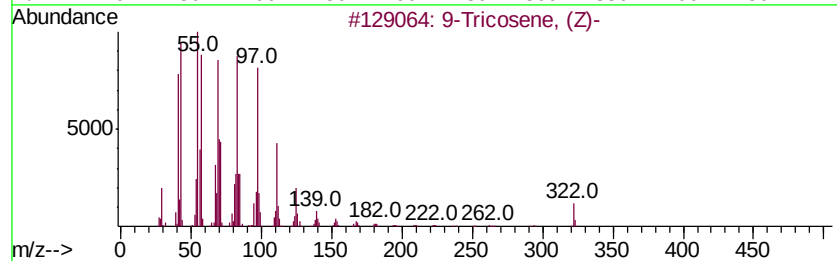
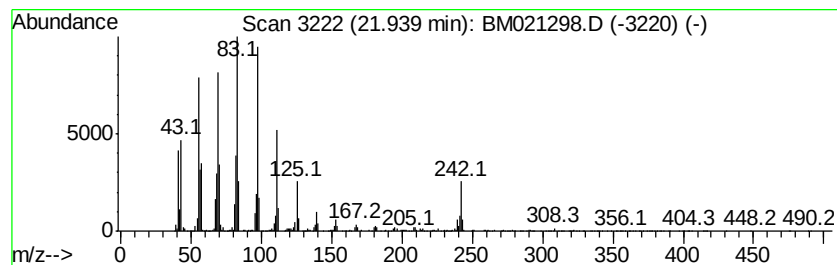
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Cyclic21.94 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	10.66 ng/ul	3276780	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	87
2		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	49
3		1-Hexadecanol	242	C16H34O	036653-82-4	47
4		1-Nonadecene	266	C19H38	018435-45-5	43
5		1-Octadecanol	270	C18H38O	000112-92-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

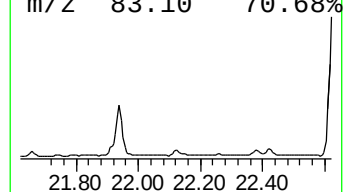
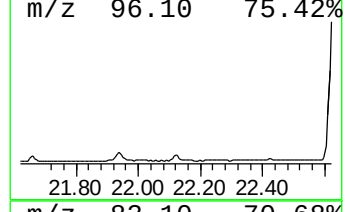
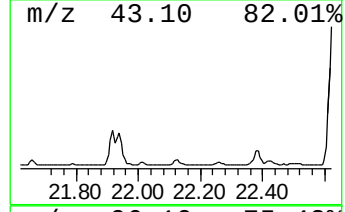
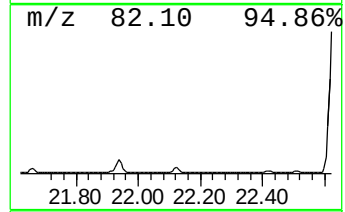
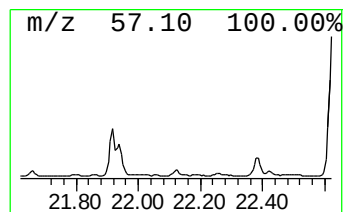
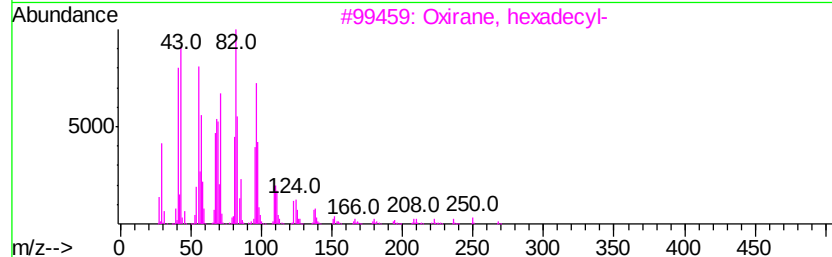
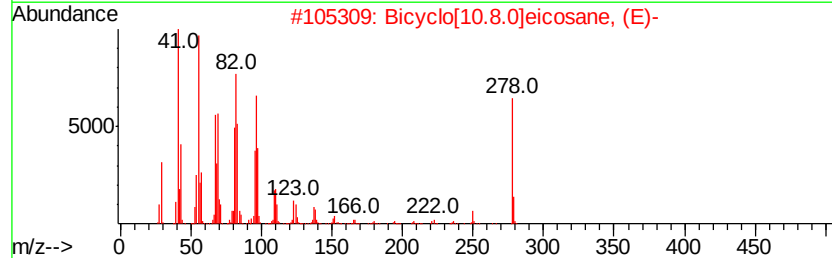
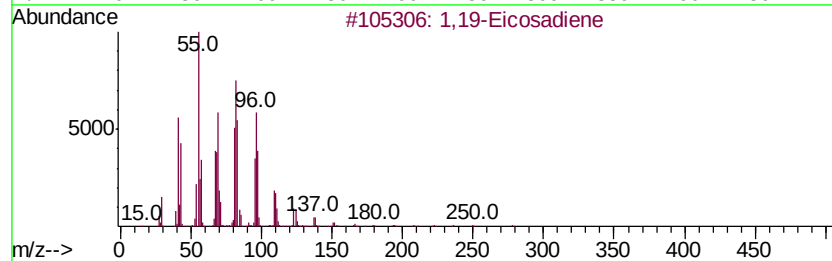
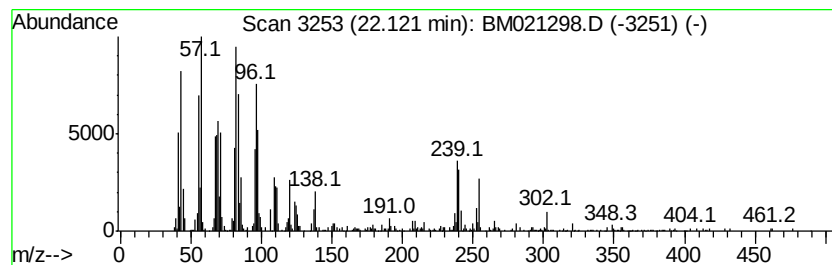
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 1,19-Eicosadiene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	3.08 ng/ul	947885	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene		278 C20H38	014811-95-1 93
2	Bicyclo[10.8.0]eicosane, (E)-		278 C20H38	1000155-85-0 93
3	Oxirane, hexadecyl-		268 C18H36O	007390-81-0 92
4	Oxirane, hexadecyl-		268 C18H36O	007390-81-0 90
5	16-Heptadecenal		252 C17H32O	1000144-57-9 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
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Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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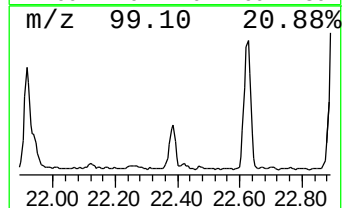
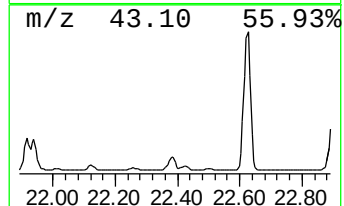
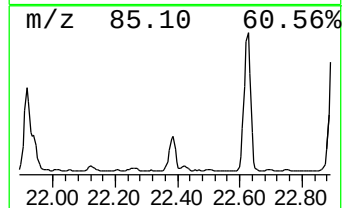
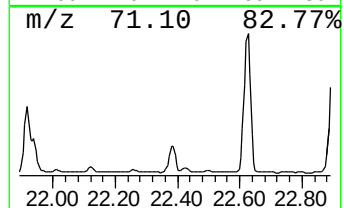
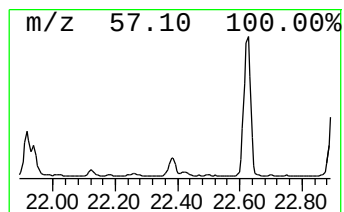
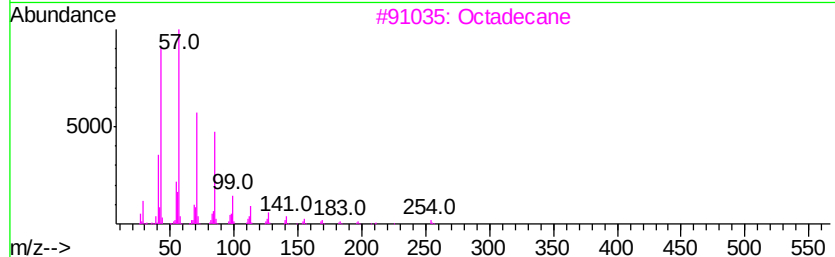
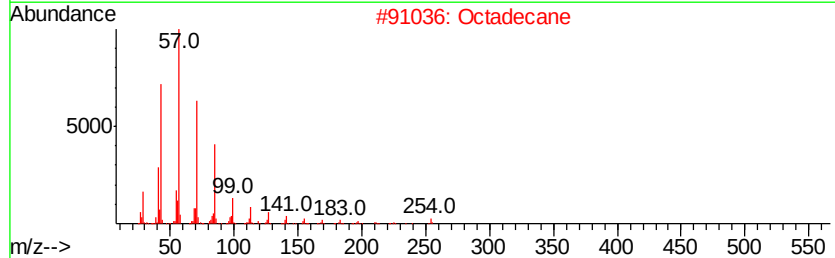
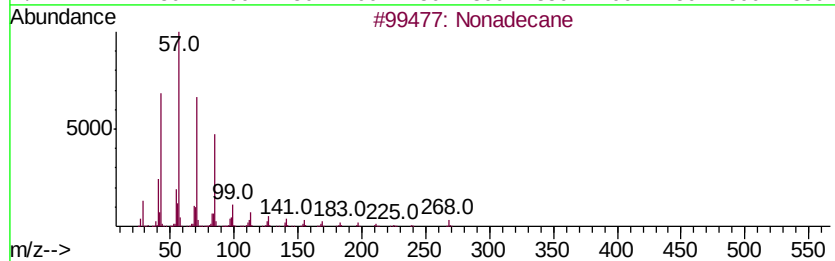
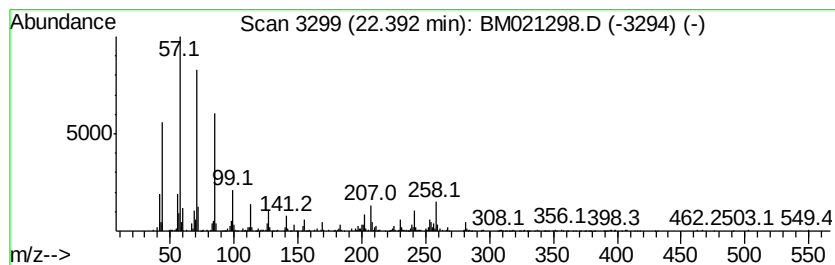
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.86 ng/ul	878821	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Octadecane	254	C18H38	000593-45-3	93
3			Octadecane	254	C18H38	000593-45-3	93
4			Heneicosane	296	C21H44	000629-94-7	87
5			Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

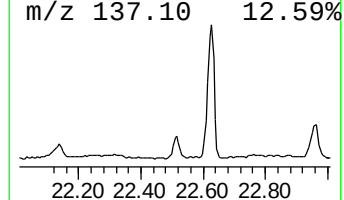
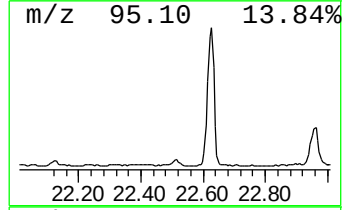
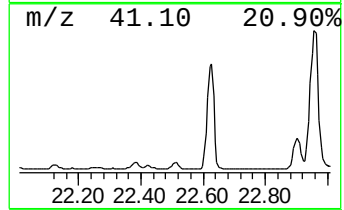
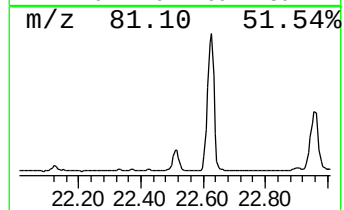
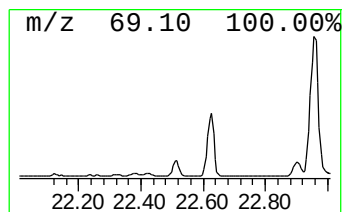
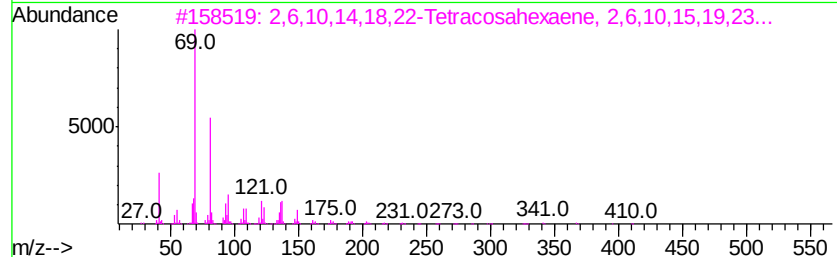
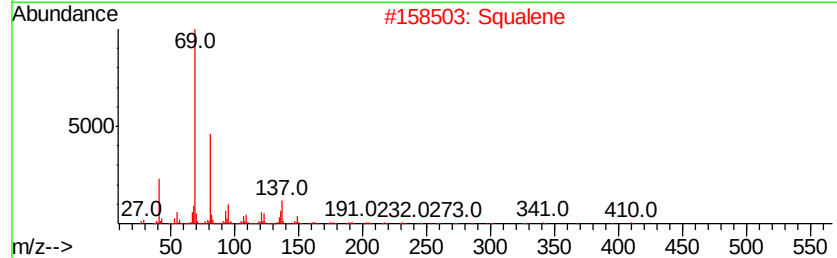
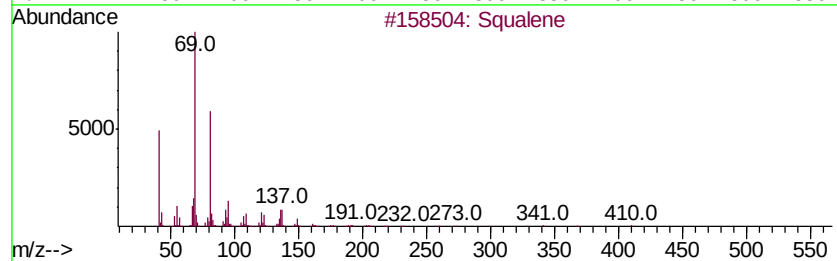
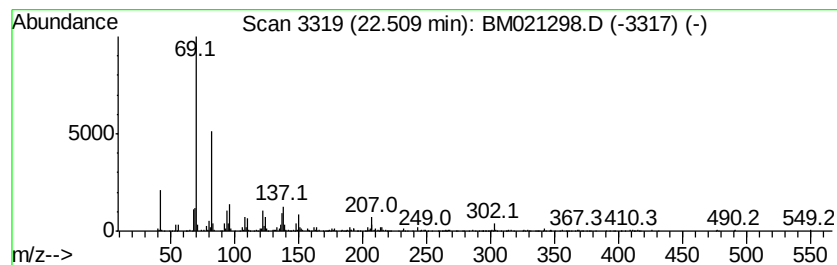
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Squalene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	3.28 ng/ul	658387	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	96
3	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	81
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H26O	000106-28-5	72
5	Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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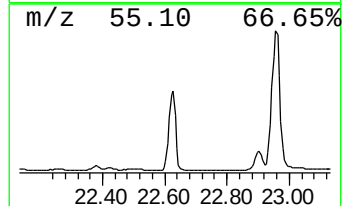
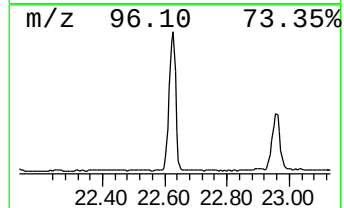
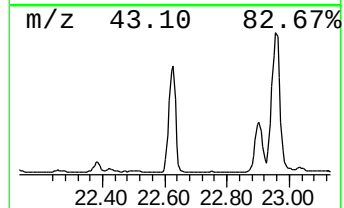
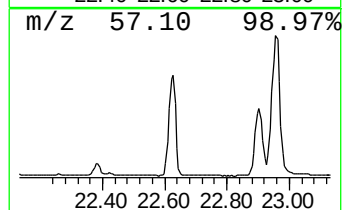
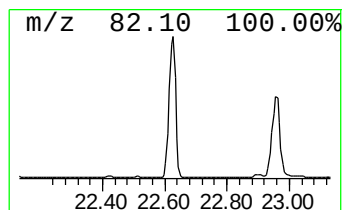
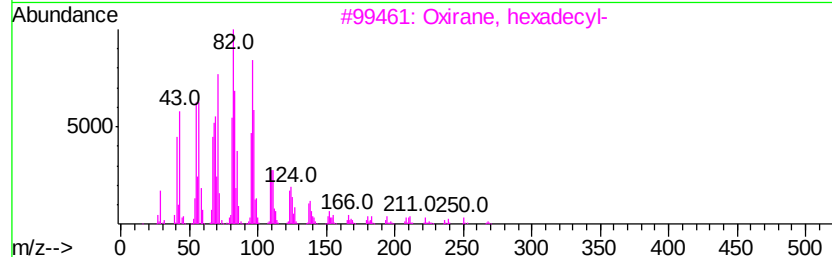
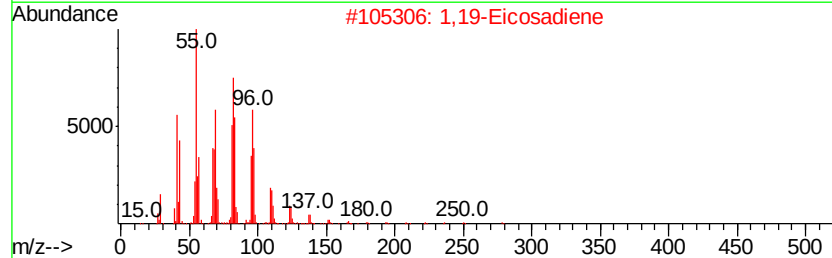
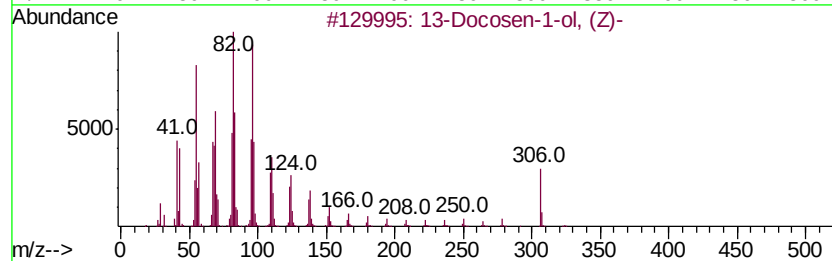
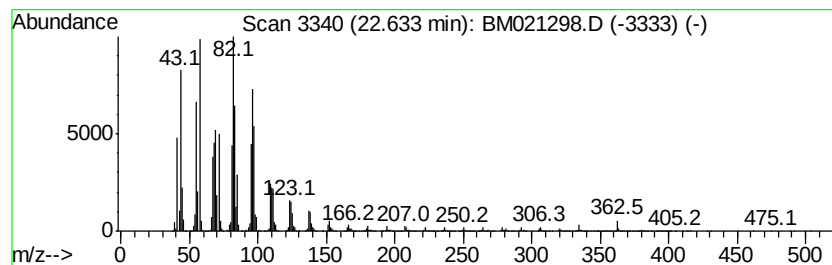
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 13-Docosen-1-ol, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	94.31 ng/ul	18935800	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	98
2		1,19-Eicosadiene	278	C20H38	014811-95-1	93
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
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Sample : K3590-17
Misc :
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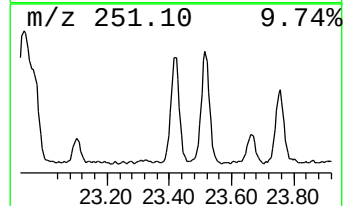
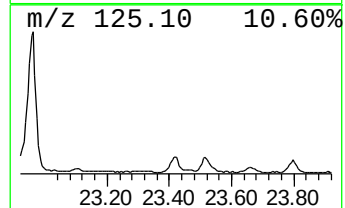
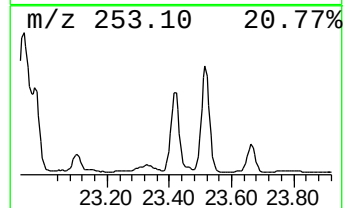
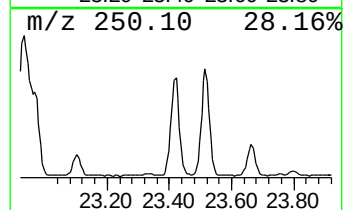
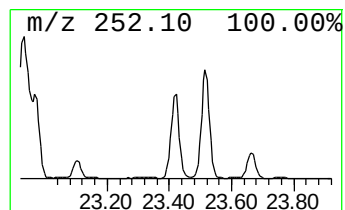
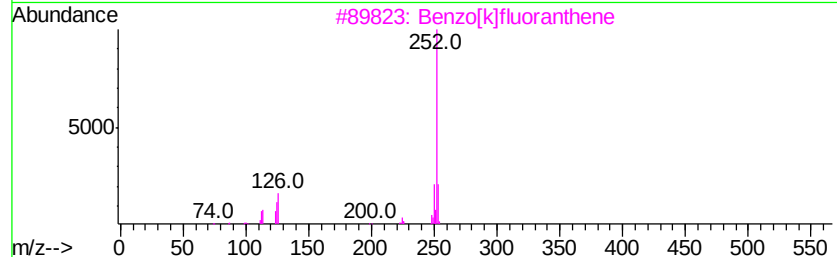
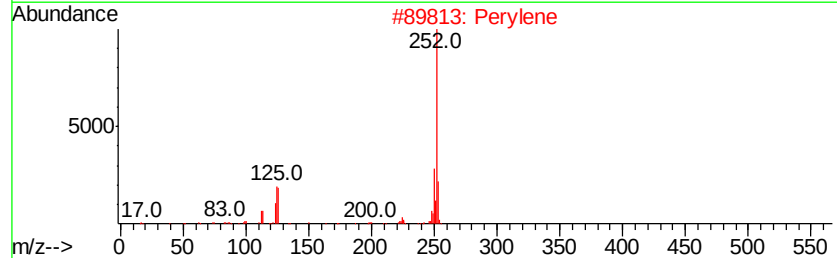
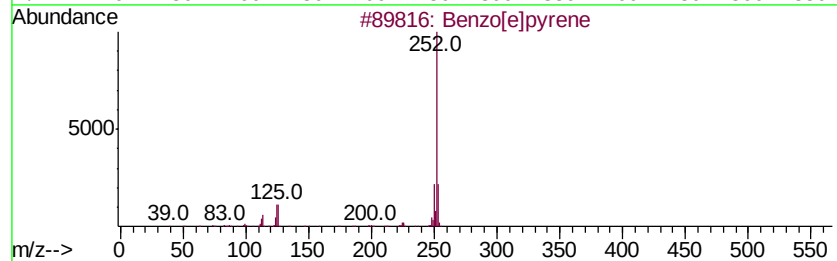
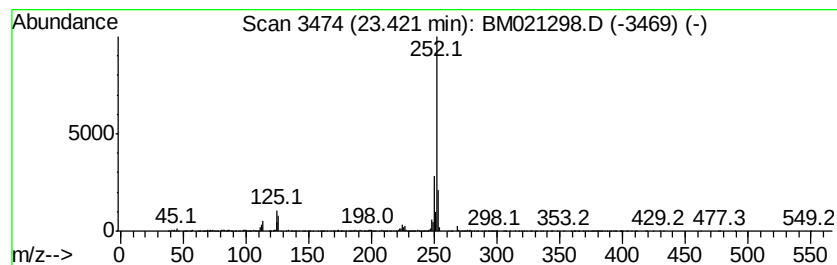
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	8.33 ng/ul	1671880	Perylene-d12	23.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	98
2	Perylene	252 C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252 C20H12	000207-08-9	96
4	Benzo[i]fluoranthene	252 C20H12	000205-82-3	95
5	Perylene	252 C20H12	000198-55-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
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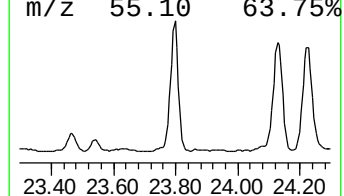
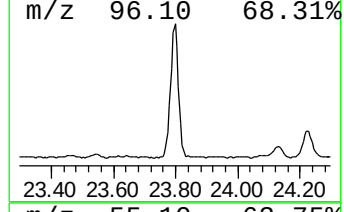
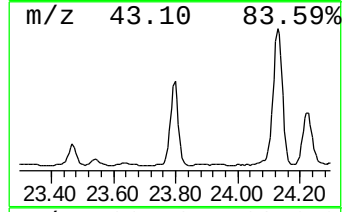
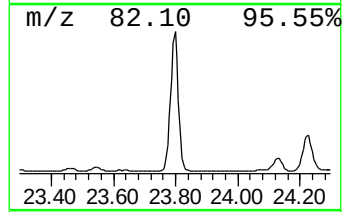
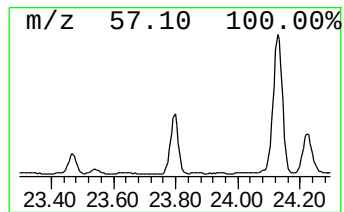
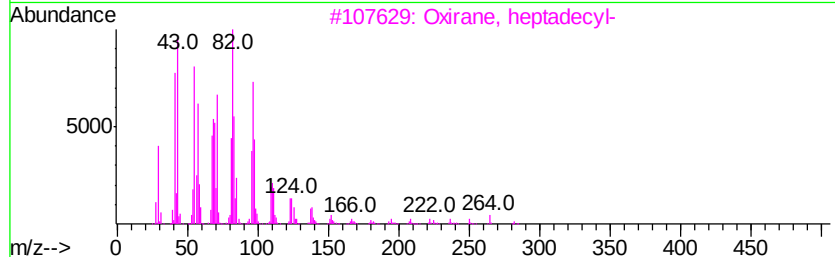
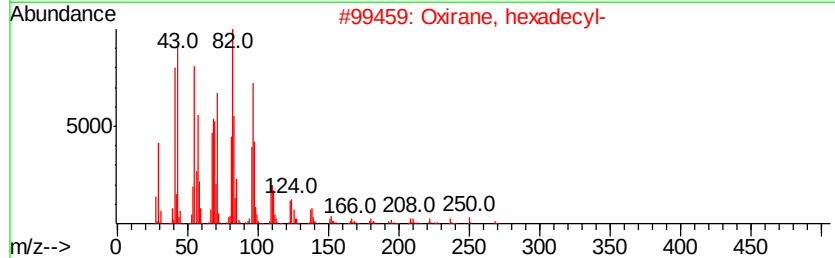
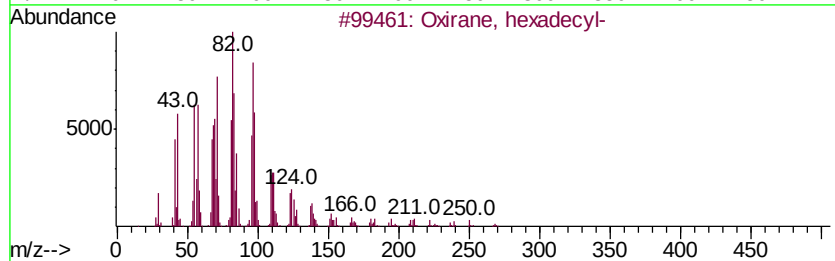
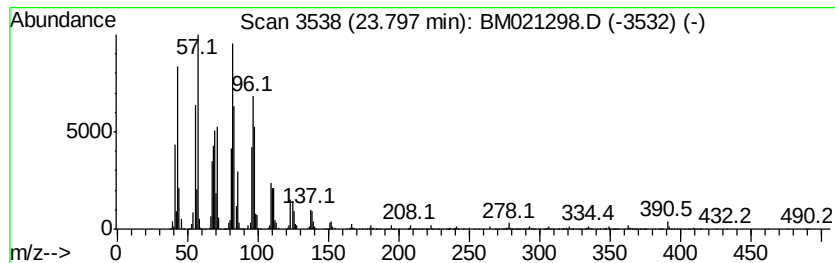
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	43.60 ng/ul	8754370	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Octadecanal	268	C18H36O	000638-66-4	91
5		Octadecanal	268	C18H36O	000638-66-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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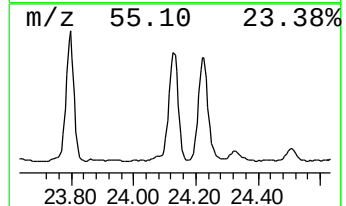
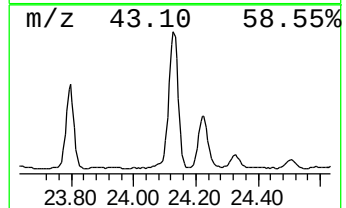
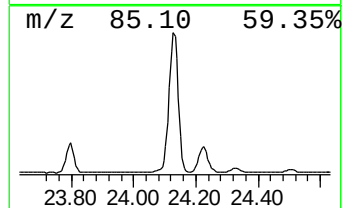
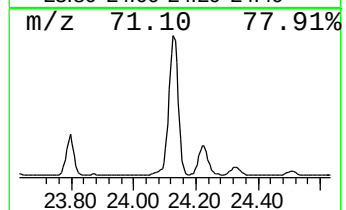
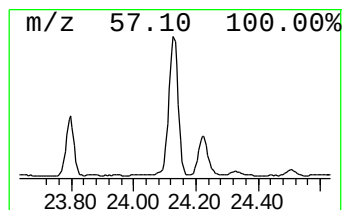
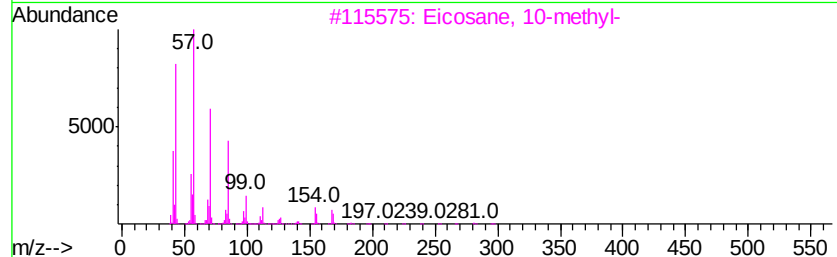
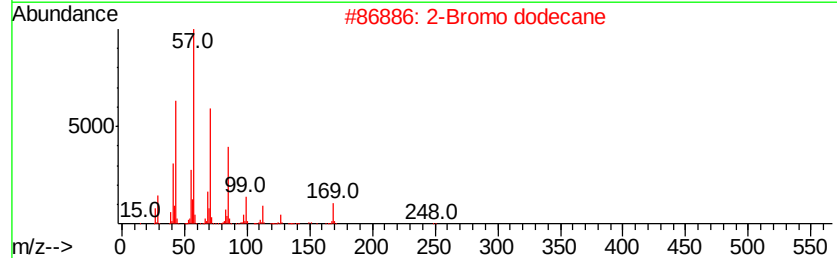
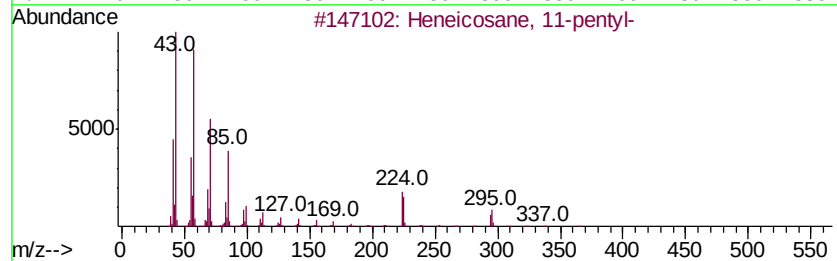
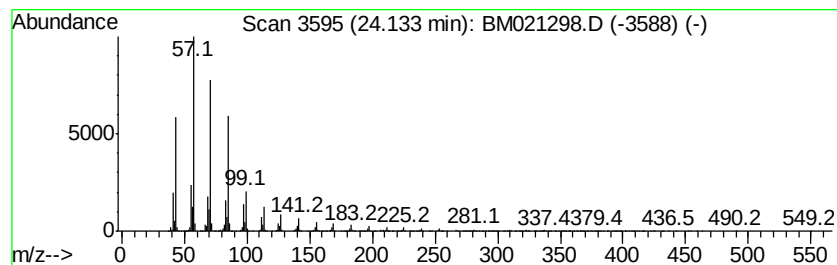
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	55.19 ng/ul	11081400	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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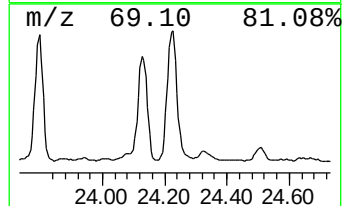
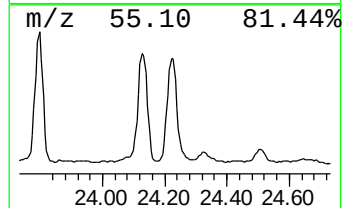
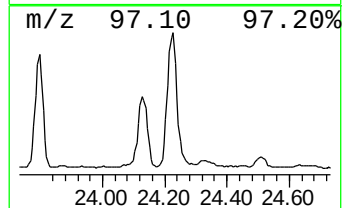
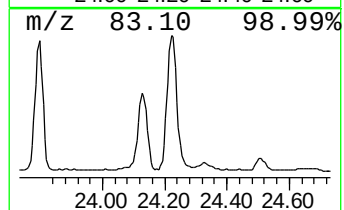
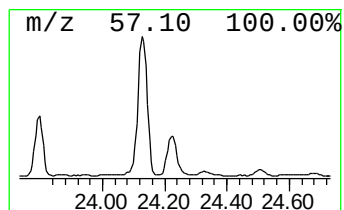
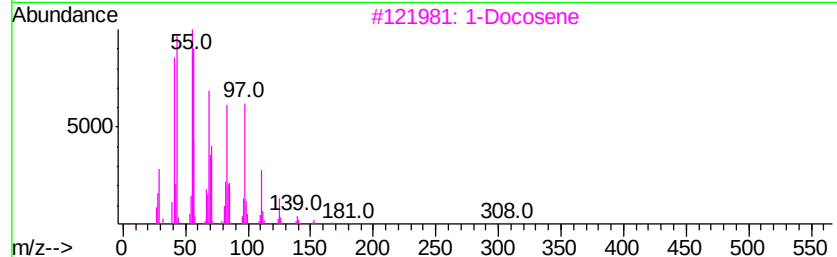
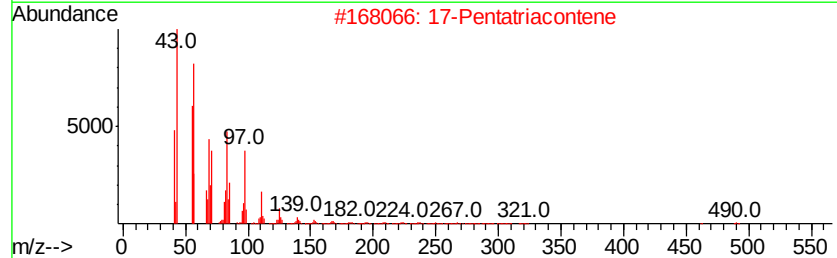
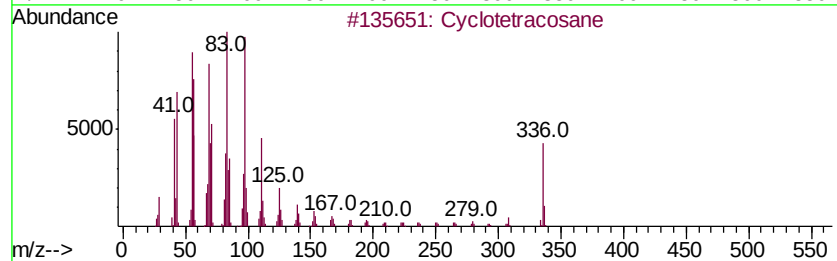
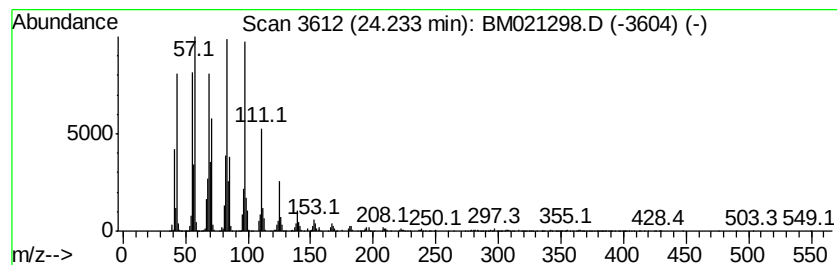
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Cyclic24.23 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	31.22 ng/ul	6269340	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	90
2		17-Pentatriacontene	491	C35H70	006971-40-0	90
3		1-Docosene	308	C22H44	001599-67-3	81
4		1-Heptadecanol	256	C17H36O	001454-85-9	74
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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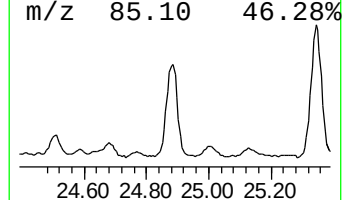
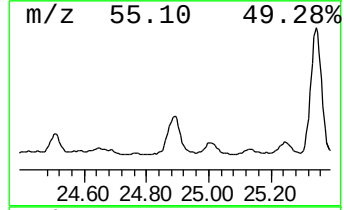
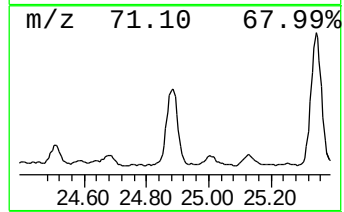
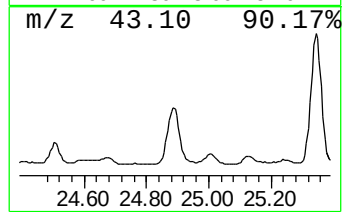
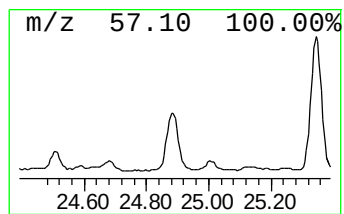
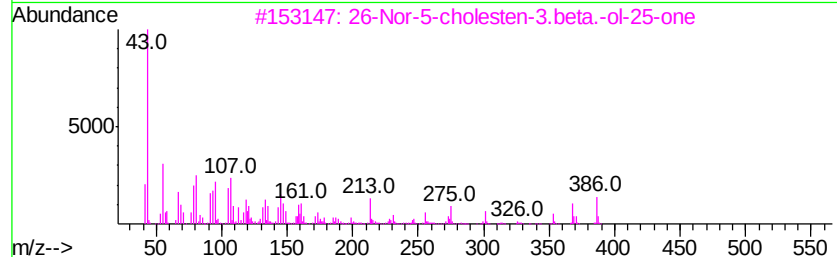
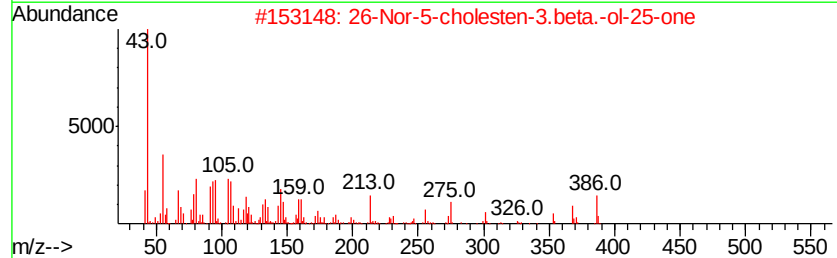
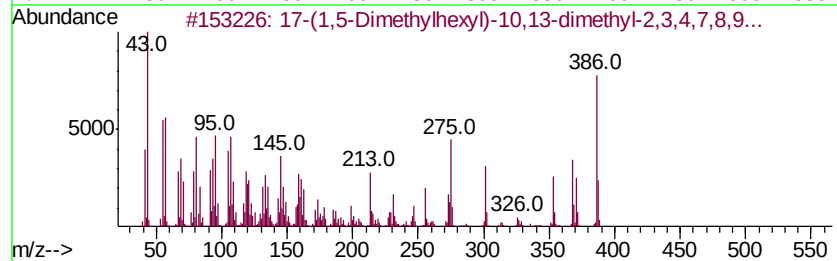
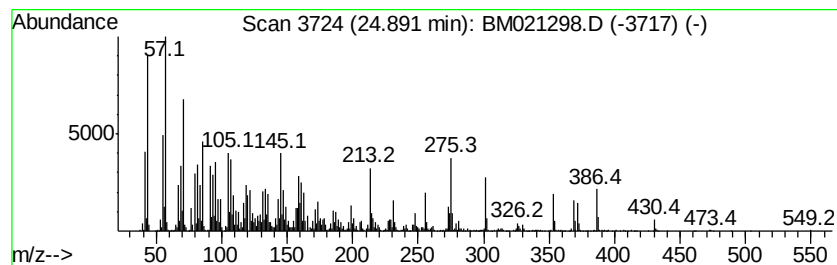
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	26.07 ng/ul	5234810	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	97
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	56
4		Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	53
5		Cholesterol	386	C27H46O	000057-88-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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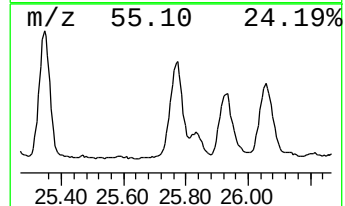
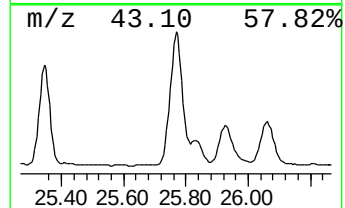
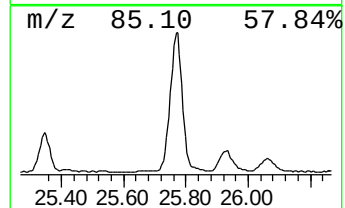
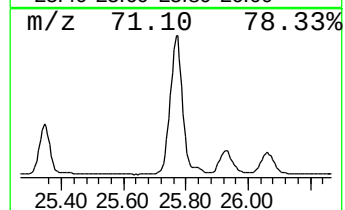
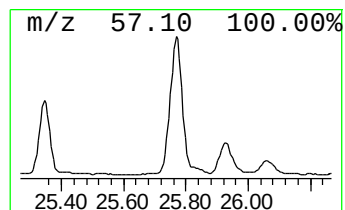
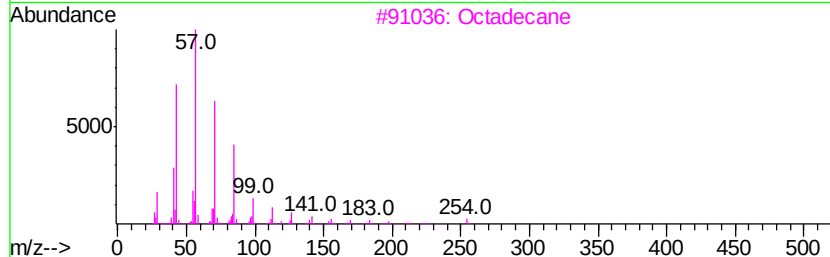
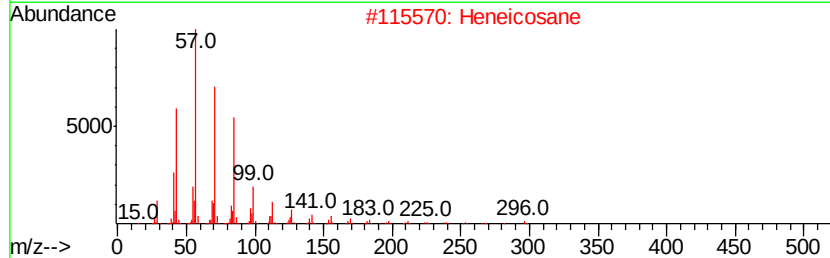
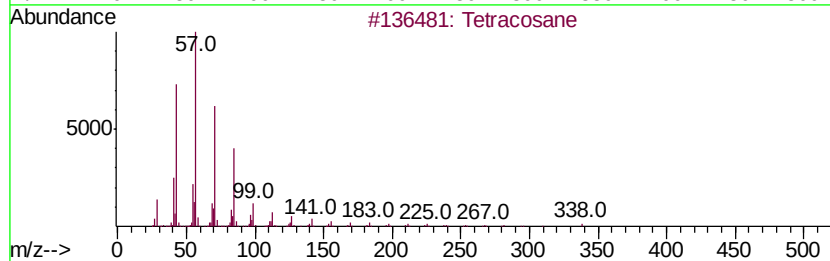
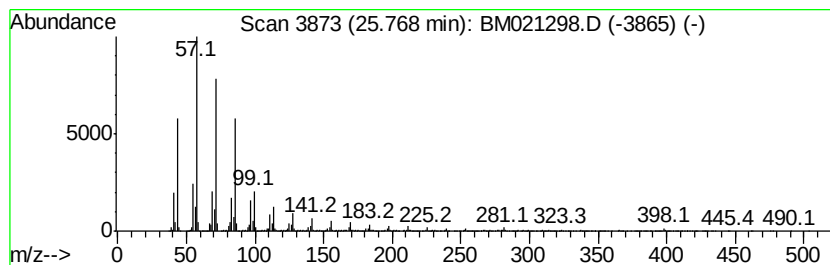
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	46.90 ng/ul	9416570	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Heneicosane	296	C21H44	000629-94-7	96
3		Octadecane	254	C18H38	000593-45-3	96
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
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Sample : K3590-17
Misc :
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Instrument :
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ClientSampleId :
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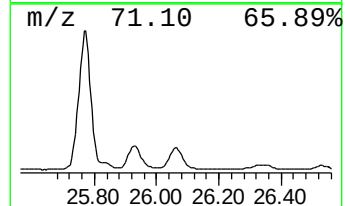
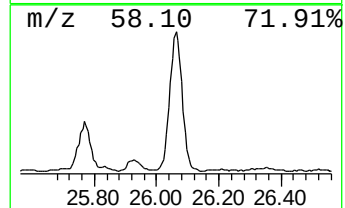
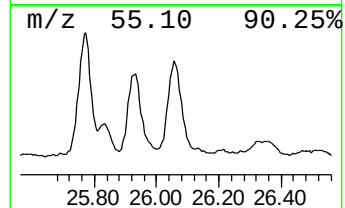
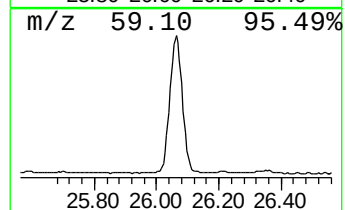
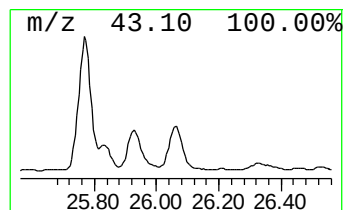
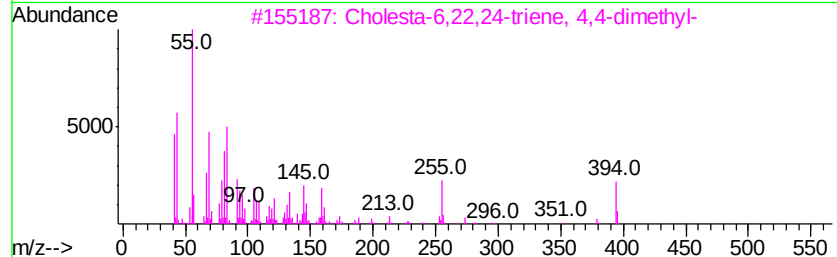
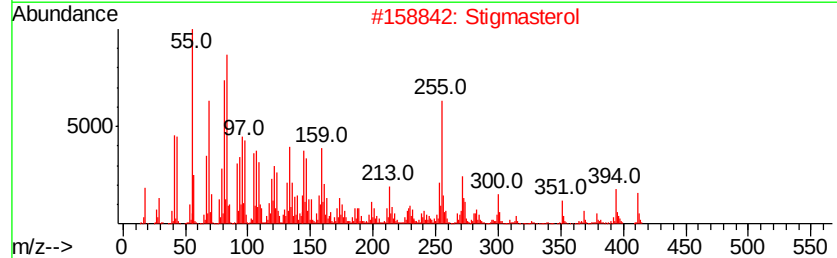
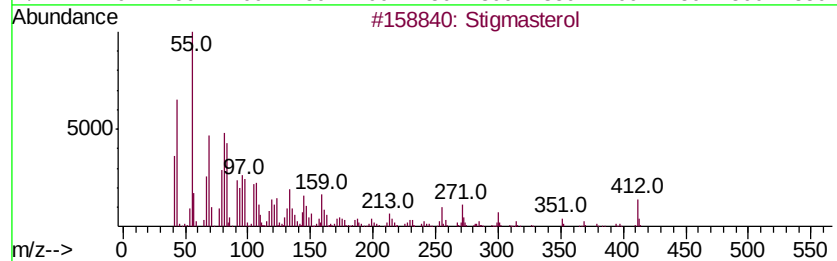
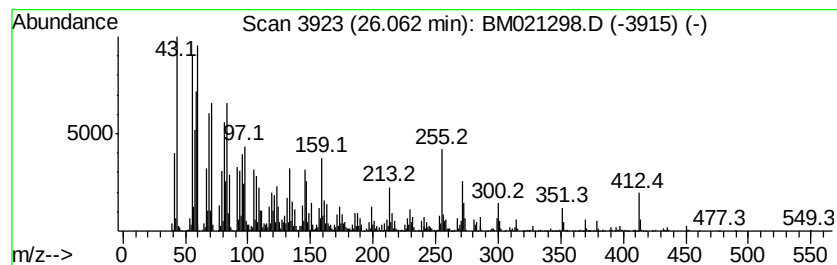
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 Stigmasterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	32.20 ng/ul	6464350	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	95
2		Stigmasterol	412	C29H48O	000083-48-7	83
3		Cholesta-6,22,24-triene, 4,4-dim...	394	C29H46	1000128-66-9	68
4		Stigmasterol	412	C29H48O	000083-48-7	53
5		Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021298.D
Acq On : 30 Jun 2019 14:45
Operator : HP/JU
Sample : K3590-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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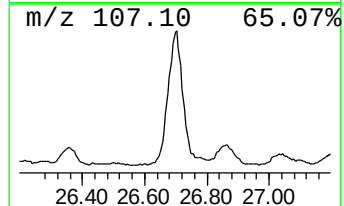
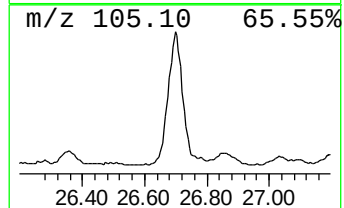
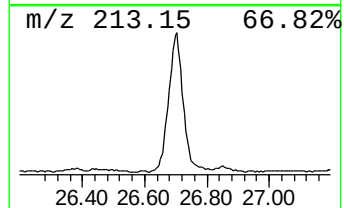
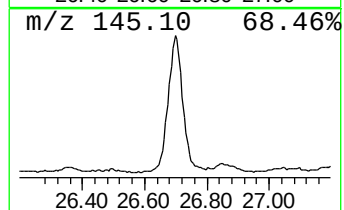
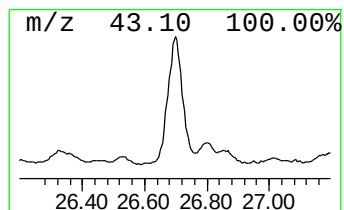
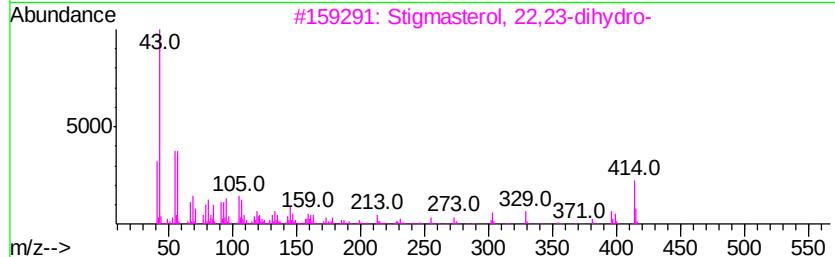
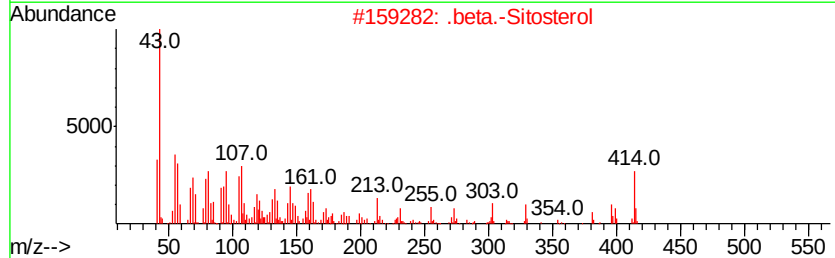
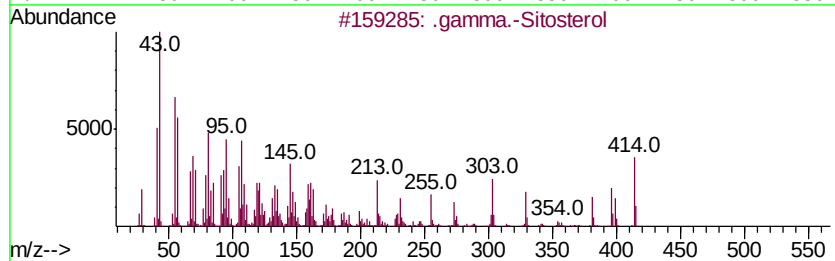
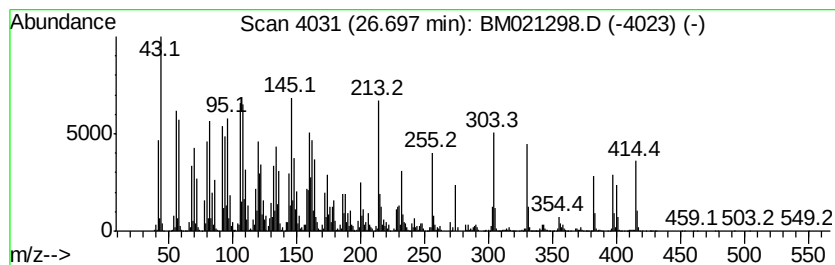
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	64.59 ng/ul	12968400	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	97
3		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	94
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	64
5		.beta.-Sitosterol	414	C29H50O	000083-46-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 14:45
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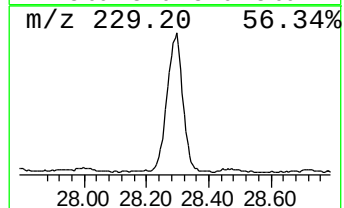
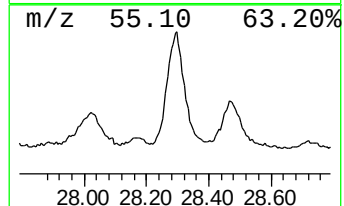
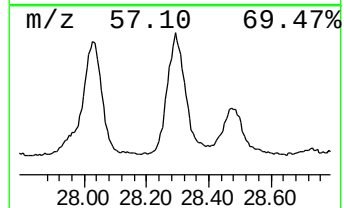
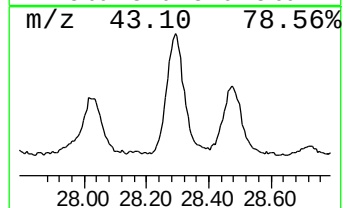
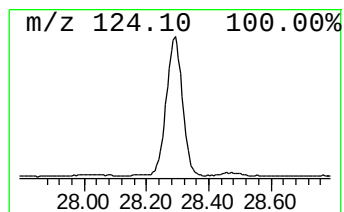
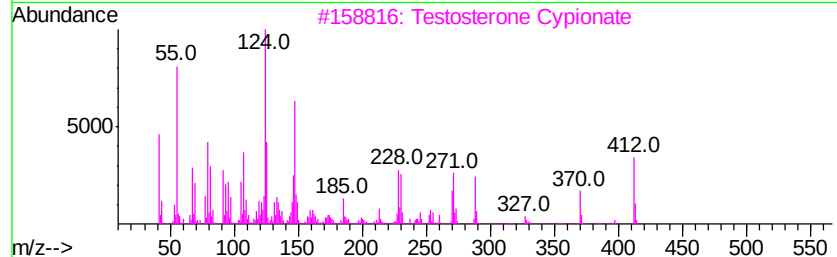
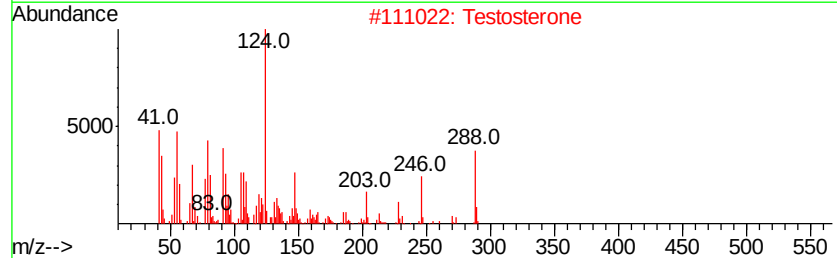
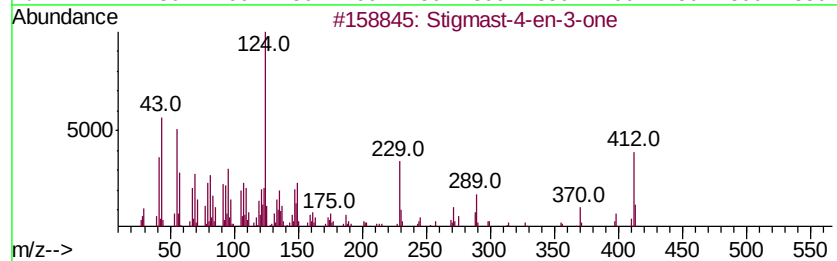
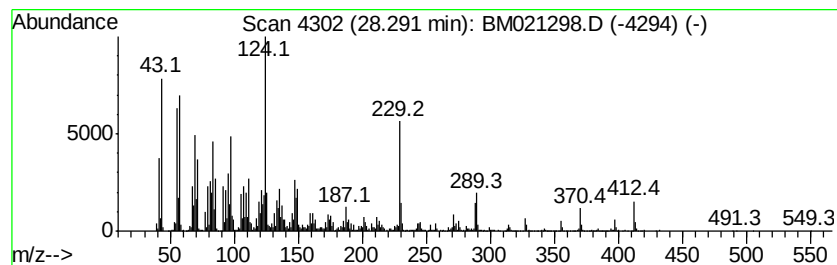
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 Stigmast-4-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.29	38.13 ng/ul	7655080	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	93
2		Testosterone	288	C19H28O2	000058-22-0	70
3		Testosterone Cypionate	412	C27H40O3	000058-20-8	50
4		Atropine	289	C17H23NO3	000051-55-8	30
5		Hyoscyamine	289	C17H23NO3	000101-31-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021298.D
 Acq On : 30 Jun 2019 14:45
 Operator : HP/JU
 Sample : K3590-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB6

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...	3.02	32.8	ng/ul	3173120	1	7.76	1934500	20.0
Cyclotrisiloxane,...	4.40	5.8	ng/ul	565807	1	7.76	1934500	20.0
Hexanoic acid	6.80	3.0	ng/ul	294756	1	7.76	1934500	20.0
Cyclotetrasiloxan...	6.86	4.6	ng/ul	440654	1	7.76	1934500	20.0
Cyclohexene, 1-me...	7.96	2.1	ng/ul	199613	1	7.76	1934500	20.0
Cyclopentasiloxan...	9.28	2.2	ng/ul	314997	2	10.55	2888590	20.0
(DEL) Alkane: Cyc...	16.47	2.4	ng/ul	485956	4	17.15	4074330	20.0
Tetradecanoic acid	16.55	4.1	ng/ul	841513	4	17.15	4074330	20.0
unknown-01	16.89	2.8	ng/ul	574261	4	17.15	4074330	20.0
Pentadecanoic acid	17.05	5.7	ng/ul	1153830	4	17.15	4074330	20.0
(DEL) Alkane: Cyc...	17.53	4.0	ng/ul	806104	4	17.15	4074330	20.0
9-Hexadecenoic acid	17.94	25.4	ng/ul	5176520	4	17.15	4074330	20.0
Hexadecenoic acid...	18.00	26.0	ng/ul	5293600	4	17.15	4074330	20.0
n-Hexadecanoic acid	18.07	65.8	ng/ul	13412500	4	17.15	4074330	20.0
(DEL) Alkane: Cyc...	18.34	2.6	ng/ul	533250	4	17.15	4074330	20.0
(DEL) Alkane: Str...	18.96	2.2	ng/ul	440864	4	17.15	4074330	20.0
Phytol	19.06	7.7	ng/ul	1567480	4	17.15	4074330	20.0
Octadecanoic acid	19.33	7.5	ng/ul	2294120	5	21.34	6148060	20.0
(DEL) Alkane: Str...	20.07	4.2	ng/ul	1280130	5	21.34	6148060	20.0
Pyrene, 1-methyl-	20.42	2.3	ng/ul	702855	5	21.34	6148060	20.0
(DEL) Alkane: Cyc...	21.04	12.3	ng/ul	3764560	5	21.34	6148060	20.0
Cyclopenta(cd)pyr...	21.49	2.9	ng/ul	892861	5	21.34	6148060	20.0
Octadecanal	21.66	2.3	ng/ul	701549	5	21.34	6148060	20.0
(DEL) Alkane: Str...	21.92	6.5	ng/ul	1985620	5	21.34	6148060	20.0
(DEL) Alkane: Cyc...	21.94	10.7	ng/ul	3276780	5	21.34	6148060	20.0
1,19-Eicosadiene	22.12	3.1	ng/ul	947885	5	21.34	6148060	20.0
(DEL) Alkane: Str...	22.39	2.9	ng/ul	878821	5	21.34	6148060	20.0
Squalene	22.51	3.3	ng/ul	658387	6	23.61	4015730	20.0
13-Docosen-1-ol, ...	22.63	94.3	ng/ul	18935800	6	23.61	4015730	20.0
Benzo[e]pyrene	23.42	8.3	ng/ul	1671880	6	23.61	4015730	20.0
Oxirane, hexadecyl-	23.80	43.6	ng/ul	8754370	6	23.61	4015730	20.0
(DEL) Alkane: Str...	24.13	55.2	ng/ul	11081400	6	23.61	4015730	20.0
(DEL) Alkane: Cyc...	24.23	31.2	ng/ul	6269340	6	23.61	4015730	20.0
17-(1,5-Dimethylh...	24.89	26.1	ng/ul	5234810	6	23.61	4015730	20.0
(DEL) Alkane: Str...	25.77	46.9	ng/ul	9416570	6	23.61	4015730	20.0
Stigmasterol	26.06	32.2	ng/ul	6464350	6	23.61	4015730	20.0
.gamma.-Sitosterol	26.70	64.6	ng/ul	12968400	6	23.61	4015730	20.0
Stigmast-4-en-3-one	28.29	38.1	ng/ul	7655080	6	23.61	4015730	20.0