

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021339.D
 Acq On : 02 Jul 2019 12:45
 Operator : HP/JU
 Sample : K3594-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC8

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	4.399	235	240	246	rVB	275472	368846	0.94%	0.122%
2	6.922	662	669	680	rVB	834566	1398568	3.57%	0.464%
3	7.093	692	698	709	rBV	591206	936470	2.39%	0.311%
4	7.281	724	730	739	rVB	831031	1324485	3.38%	0.439%
5	7.751	803	810	816	rBV	757624	1211532	3.10%	0.402%
6	7.998	846	852	856	rBV	168506	284637	0.73%	0.094%
7	8.457	923	930	945	rBV	1062137	1810736	4.63%	0.601%
8	8.910	1000	1007	1017	rBV	835287	1377585	3.52%	0.457%
9	9.628	1122	1129	1138	rBV	685404	1173901	3.00%	0.389%
10	10.157	1212	1219	1236	rVB	1177075	2032792	5.19%	0.674%
11	10.534	1276	1283	1290	rBV	1082312	1814058	4.63%	0.602%
12	10.686	1303	1309	1323	rBV	262401	575416	1.47%	0.191%
13	12.733	1650	1657	1670	rVV	292729	623918	1.59%	0.207%
14	12.986	1693	1700	1705	rVV	411058	595981	1.52%	0.198%
15	13.804	1834	1839	1844	rVV	2310387	3196911	8.17%	1.060%
16	13.851	1844	1847	1854	rVV	385246	534177	1.36%	0.177%
17	14.086	1881	1887	1903	rVB	2369167	3770239	9.63%	1.251%
18	14.392	1932	1939	1945	rVV2	1619068	2497928	6.38%	0.829%
19	14.610	1969	1976	1986	rBV	677654	1211862	3.10%	0.402%
20	15.180	2069	2073	2076	rVV	207951	274850	0.70%	0.091%
21	15.386	2102	2108	2114	rVV	3436720	4741623	12.11%	1.573%
22	15.521	2125	2131	2137	rBV	617274	922795	2.36%	0.306%
23	15.951	2198	2204	2212	rVB4	244730	515706	1.32%	0.171%
24	16.468	2286	2292	2300	rVB3	315166	542754	1.39%	0.180%
25	16.539	2300	2304	2309	rBV	362821	496808	1.27%	0.165%
26	16.762	2337	2342	2346	rBV2	273834	494289	1.26%	0.164%
27	16.898	2356	2365	2369	rBV5	192898	451503	1.15%	0.150%
28	17.039	2382	2389	2396	rBV	596821	886875	2.27%	0.294%
29	17.104	2396	2400	2402	rBV	339276	408892	1.04%	0.136%
30	17.145	2402	2407	2410	rBV2	1668544	2260304	5.77%	0.750%
31	17.186	2410	2414	2418	rVB	2583070	3375236	8.62%	1.119%
32	17.239	2418	2423	2428	rBV2	3073007	4581128	11.70%	1.519%
33	17.521	2467	2471	2486	rVB2	585222	1397975	3.57%	0.464%
34	17.921	2533	2539	2545	rBV	893976	1416389	3.62%	0.470%

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35	17.986	2545	2550	2554	rBV	2570690	3591919	9.18%	1.191%
36	18.051	2555	2561	2568	rVV2	5310072	8101818	20.70%	2.687%
37	18.209	2583	2588	2592	rBV3	634285	1096570	2.80%	0.364%
38	18.245	2592	2594	2601	rVB	429663	572248	1.46%	0.190%
39	18.333	2603	2609	2613	rBV3	270445	505821	1.29%	0.168%
40	18.521	2636	2641	2645	rVV	407628	563589	1.44%	0.187%
41	18.568	2645	2649	2658	rVB	635229	914929	2.34%	0.303%
42	19.062	2729	2733	2734	rBV	246953	321052	0.82%	0.106%
43	19.086	2734	2737	2743	rVB2	377282	599382	1.53%	0.199%
44	19.204	2748	2757	2771	rBV	12224185	19402959	49.57%	6.436%
45	19.315	2771	2776	2786	rVB3	1031087	1722665	4.40%	0.571%
46	19.539	2808	2814	2817	rVV3	4767593	7935302	20.27%	2.632%
47	19.574	2817	2820	2827	rVV	8404633	10315928	26.35%	3.422%
48	19.639	2827	2831	2839	rVB2	382653	541233	1.38%	0.180%
49	19.745	2845	2849	2855	rVB	425709	612897	1.57%	0.203%
50	19.886	2868	2873	2881	rBV4	507726	1275135	3.26%	0.423%
51	20.027	2892	2897	2898	rBV3	431623	606418	1.55%	0.201%
52	20.062	2899	2903	2908	rVB	1454294	2267793	5.79%	0.752%
53	20.162	2916	2920	2924	rBV	857993	1093643	2.79%	0.363%
54	20.221	2924	2930	2933	rVV2	659558	1130078	2.89%	0.375%
55	20.256	2933	2936	2940	rVV	444751	538249	1.38%	0.179%
56	20.362	2950	2954	2957	rBV	377181	477521	1.22%	0.158%
57	20.409	2957	2962	2966	rBV3	473917	687423	1.76%	0.228%
58	20.815	3027	3031	3037	rVB	886692	1182763	3.02%	0.392%
59	20.980	3054	3059	3062	rBV3	1165880	1708515	4.36%	0.567%
60	21.015	3062	3065	3067	rVV	907576	1212670	3.10%	0.402%
61	21.039	3067	3069	3077	rVV3	1294400	3033737	7.75%	1.006%
62	21.115	3077	3082	3091	rVB2	1078471	1699745	4.34%	0.564%
63	21.221	3096	3100	3101	rVV	310748	414287	1.06%	0.137%
64	21.239	3101	3103	3109	rVB2	500932	549363	1.40%	0.182%
65	21.321	3110	3117	3122	rBV3	6277500	11939321	30.50%	3.960%
66	21.374	3122	3126	3135	rVB	6084961	8558088	21.86%	2.839%
67	21.486	3141	3145	3151	rVB	1112847	1416877	3.62%	0.470%
68	21.545	3152	3155	3158	rBV3	250375	332024	0.85%	0.110%
69	21.656	3168	3174	3178	rBV2	918702	1606340	4.10%	0.533%
70	21.697	3178	3181	3185	rVB3	239085	310568	0.79%	0.103%
71	21.833	3200	3204	3207	rBV3	278857	456910	1.17%	0.152%

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72	21.886	3210	3213	3215	rVV	696688	953405	2.44%	0.316%
73	21.909	3215	3217	3219	rVV	858225	1006945	2.57%	0.334%
74	21.939	3219	3222	3229	rVB2	1165137	2102465	5.37%	0.697%
75	22.045	3237	3240	3244	rVV3	260357	329404	0.84%	0.109%
76	22.092	3244	3248	3250	rVV	554201	785020	2.01%	0.260%
77	22.121	3250	3253	3259	rVV3	762472	1071231	2.74%	0.355%
78	22.180	3259	3263	3269	rVB2	873012	1314750	3.36%	0.436%
79	22.380	3292	3297	3303	rBV4	845631	1599897	4.09%	0.531%
80	22.509	3316	3319	3323	rVB2	445972	538893	1.38%	0.179%
81	22.621	3332	3338	3342	rBV	7195059	10227111	26.13%	3.392%
82	22.944	3380	3393	3404	rBV2	13429927	39144152	100.00%	12.983%
83	23.097	3415	3419	3424	rVB	802483	1291140	3.30%	0.428%
84	23.415	3466	3473	3477	rBV	3606787	6770440	17.30%	2.246%
85	23.468	3477	3482	3485	rVV	2662406	4892897	12.50%	1.623%
86	23.515	3485	3490	3497	rVV	4797374	8259463	21.10%	2.739%
87	23.609	3501	3506	3510	rVV	1292959	2561923	6.54%	0.850%
88	23.656	3510	3514	3522	rVB	1487518	2821023	7.21%	0.936%
89	23.786	3531	3536	3543	rVB	2878574	5146830	13.15%	1.707%
90	24.121	3586	3593	3603	rVB	3701037	7524479	19.22%	2.496%
91	24.215	3604	3609	3621	rVB	1899271	4244158	10.84%	1.408%
92	24.491	3651	3656	3668	rVB2	632966	1507190	3.85%	0.500%
93	24.880	3716	3722	3735	rVB4	1208051	3313114	8.46%	1.099%
94	25.333	3792	3799	3811	rVB4	2086063	5556692	14.20%	1.843%
95	25.756	3863	3871	3877	rBV	2429650	6414657	16.39%	2.128%
96	25.909	3889	3897	3910	rVB	4016247	11372218	29.05%	3.772%
97	26.050	3915	3921	3932	rVB3	1276283	3680585	9.40%	1.221%
98	26.615	4008	4017	4022	rBV	1962075	6155766	15.73%	2.042%
99	26.685	4023	4029	4042	rVB2	2513568	8032606	20.52%	2.664%
100	28.268	4291	4298	4313	rVB4	1145700	4075939	10.41%	1.352%

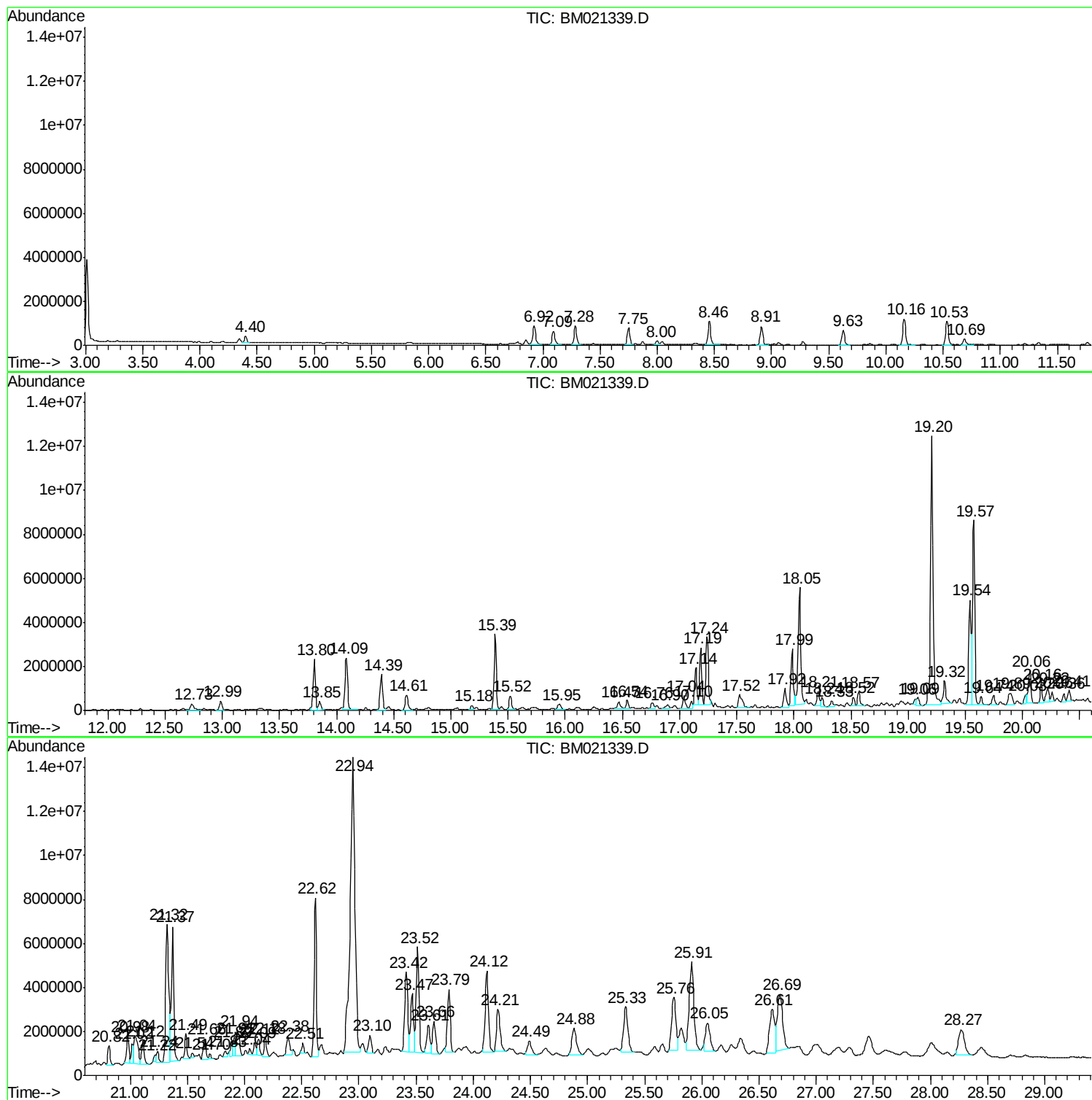
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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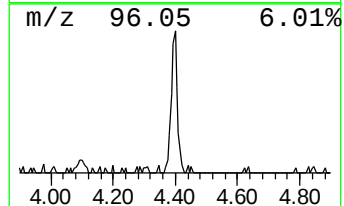
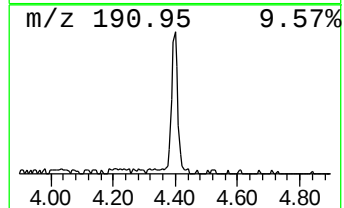
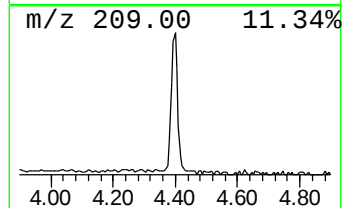
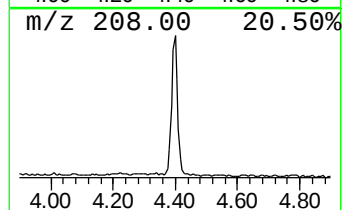
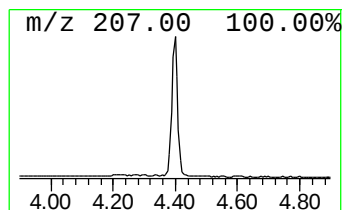
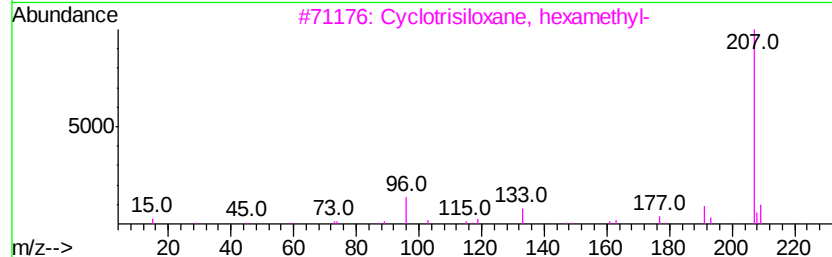
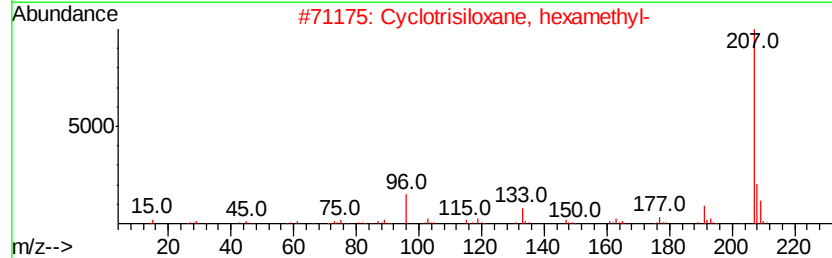
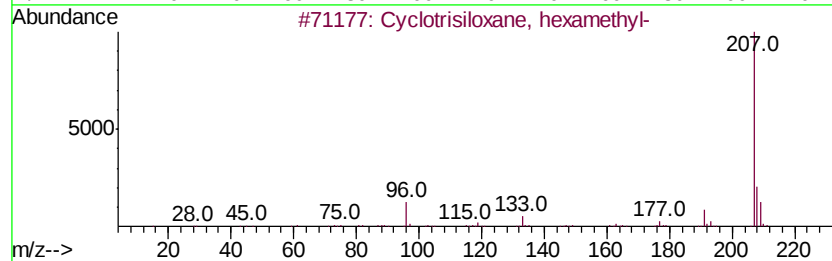
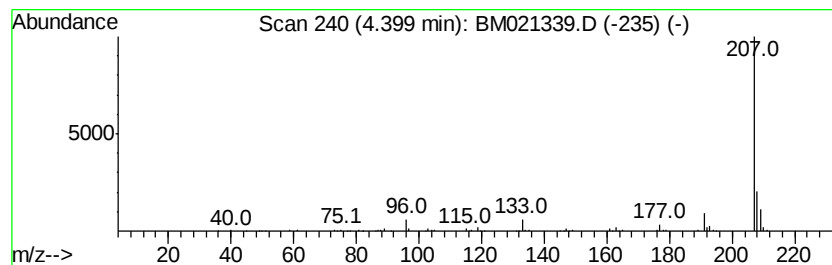
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	6.09 ng/ul	368846	1,4-Dichlorobenzene-d4	7.75

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			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39



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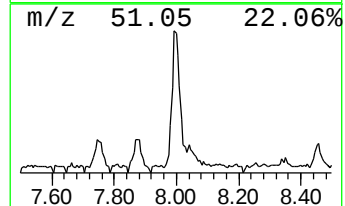
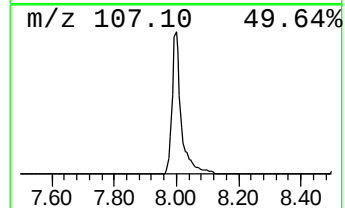
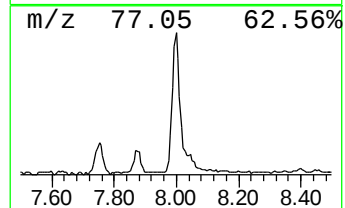
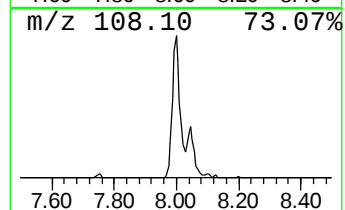
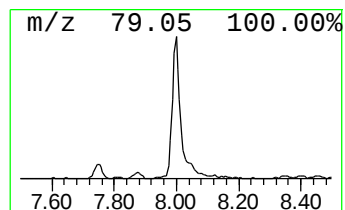
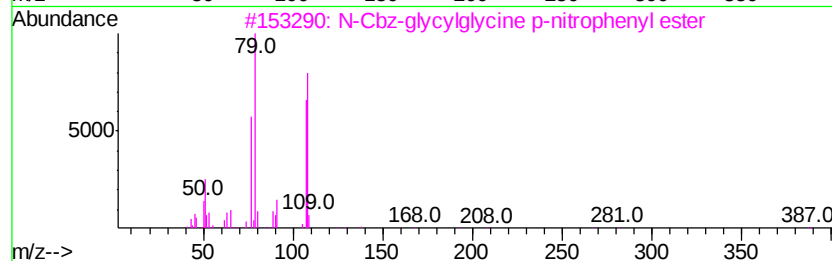
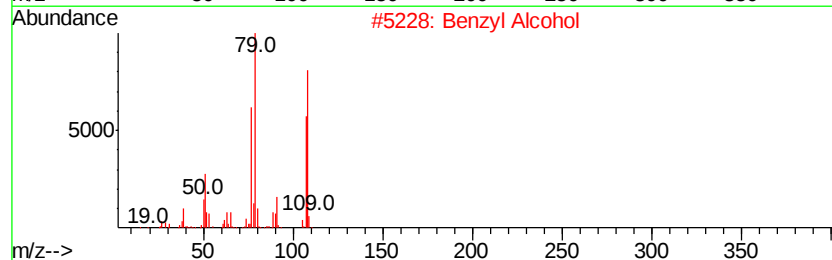
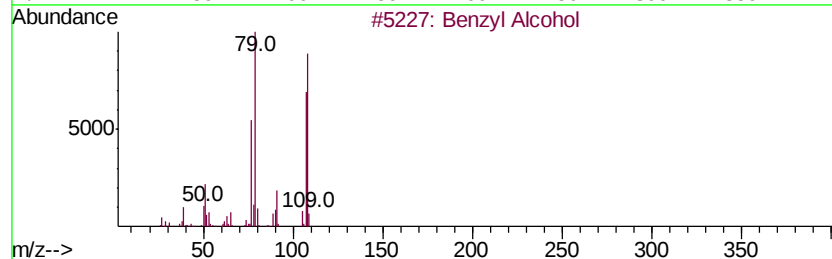
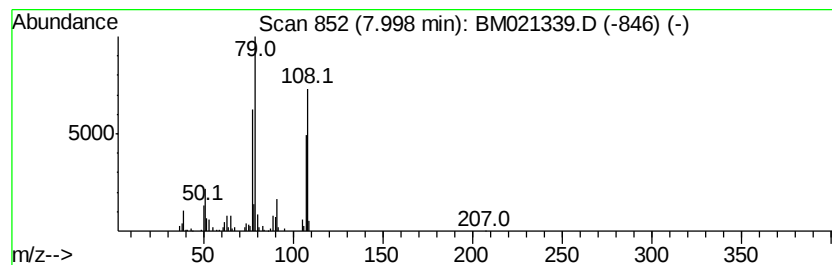
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzyl Alcohol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	4.70 ng/ul	284637	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzyl Alcohol	108	C7H8O	000100-51-6	96
2		Benzyl Alcohol	108	C7H8O	000100-51-6	95
3		N-Cbz- α lvclalvcine p-nitrophenyl...	387	C18H17N3O7	013574-81-7	91
4		N-.alpha.,N-.omega.-Di-cbz-L-arg...	442	C22H26N4O6	053934-75-1	83
5		1,2-Ethanediol, 1,2-diphenyl-, [...]	214	C14H14O2	052340-78-0	78



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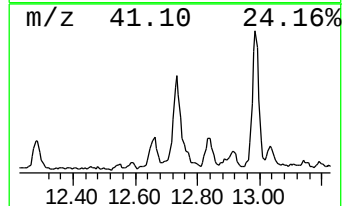
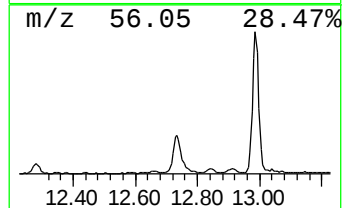
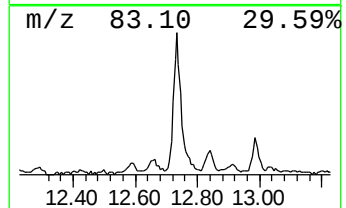
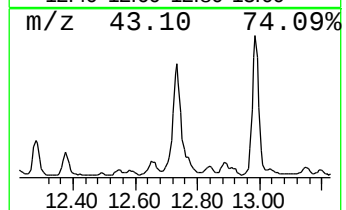
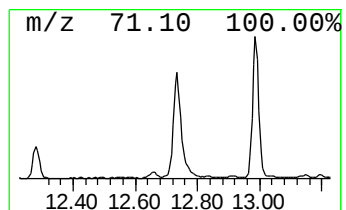
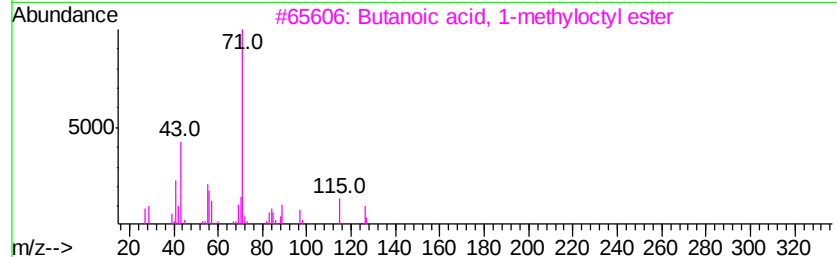
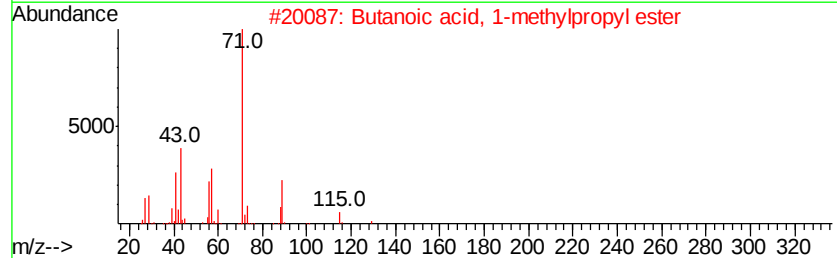
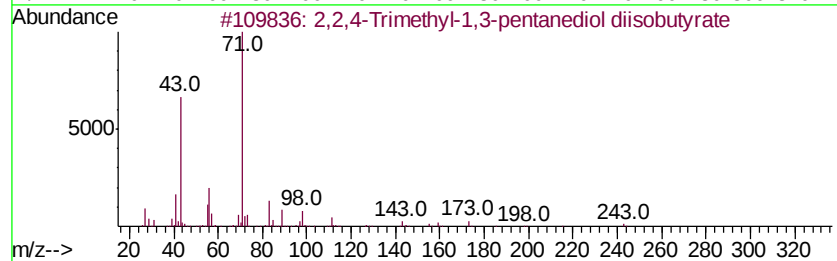
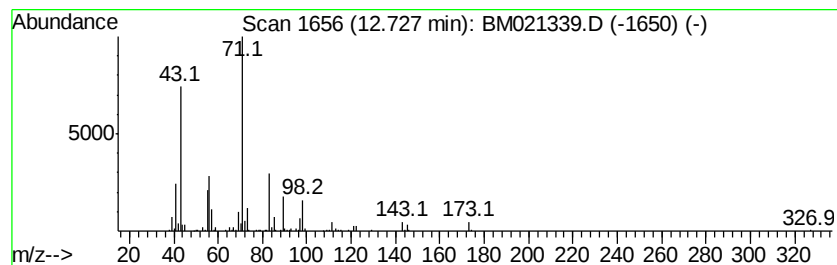
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	5.00 ng/ul	623918	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	72
2			Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	53
3			Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	47
4			Butane, 2-iodo-3-methyl-	198	C5H11I	018295-27-7	35
5			Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
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Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

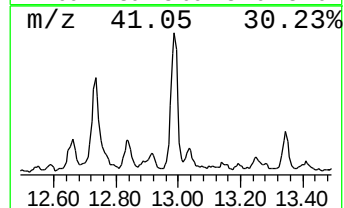
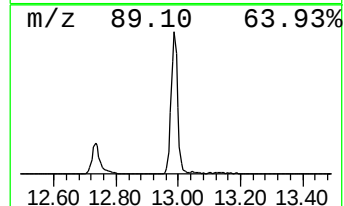
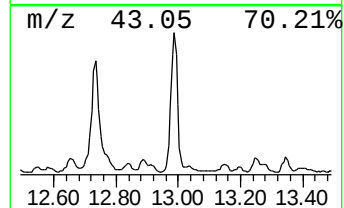
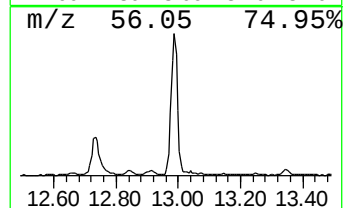
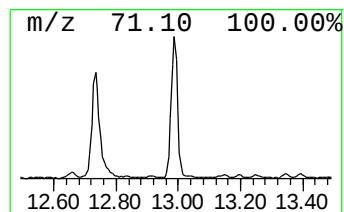
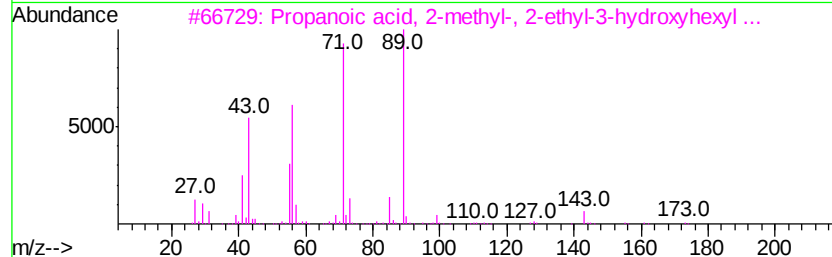
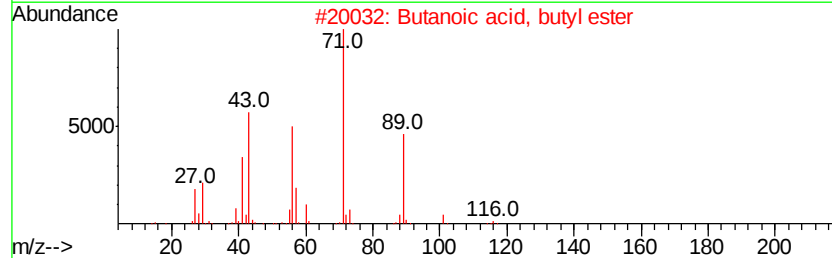
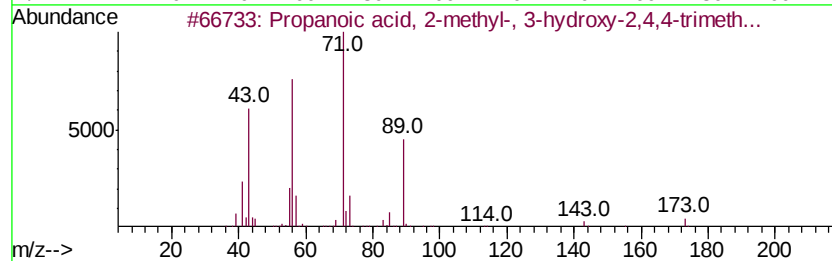
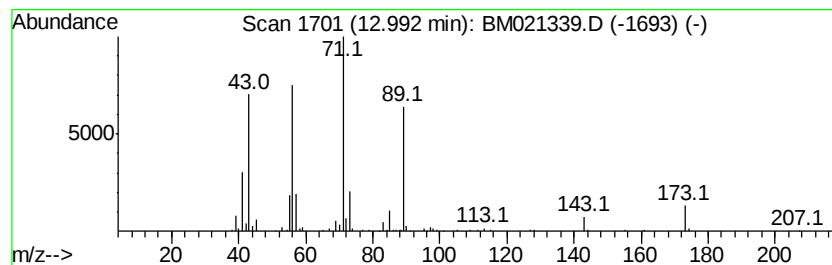
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.77 ng/ul	595981	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216 C12H24O3	074367-34-3	90
2	Butanoic acid, butyl ester	144 C8H16O2	000109-21-7	64
3	Propanoic acid, 2-methyl-, 2-eth...	216 C12H24O3	074367-31-0	64
4	Butanoic acid, butyl ester	144 C8H16O2	000109-21-7	64
5	Propanoic acid, 2-methyl-, 2-eth...	216 C12H24O3	074367-31-0	64



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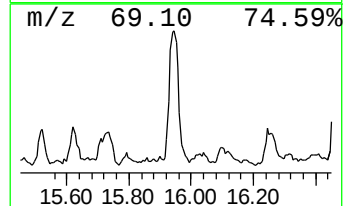
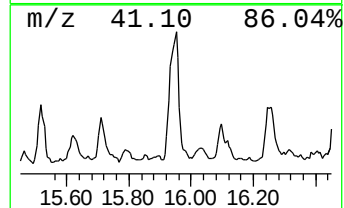
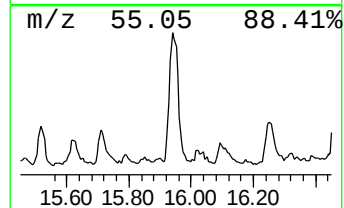
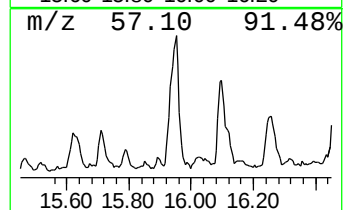
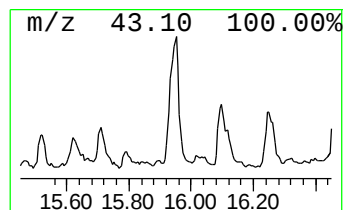
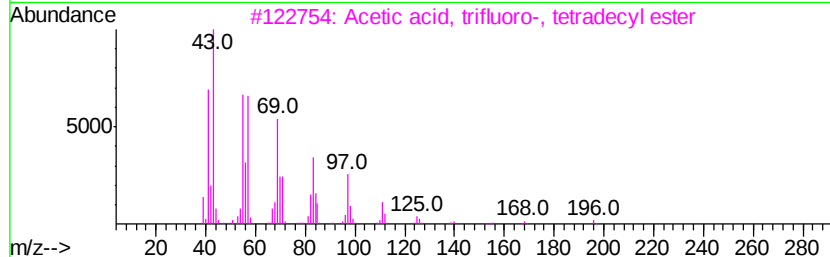
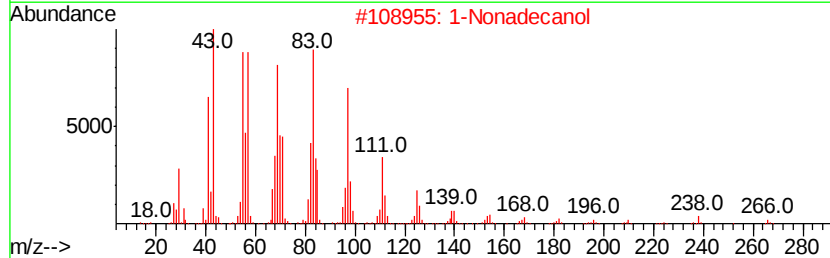
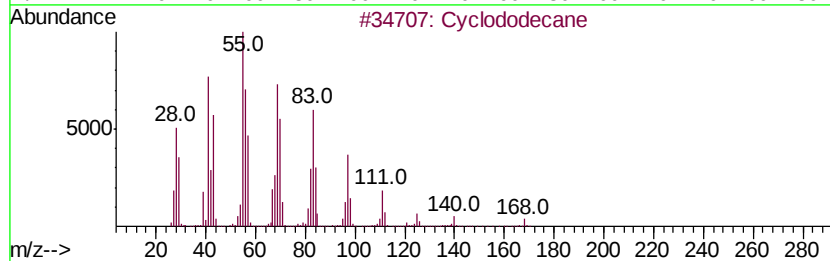
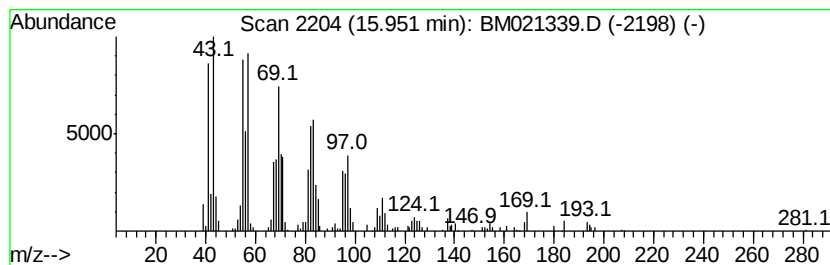
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic15.95 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.56 ng/ul	515706	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclododecane	168	C12H24	000294-62-2	95
2		1-Nonadecanol	284	C19H40O	001454-84-8	87
3		Acetic acid, trifluoro-, tetradec...	310	C16H29F3O2	006222-02-2	87
4		1-Heptadecanol	256	C17H36O	001454-85-9	87
5		1-Hexadecanol	242	C16H34O	036653-82-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
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Misc :
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Instrument :
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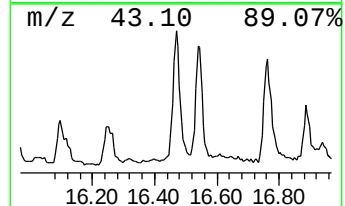
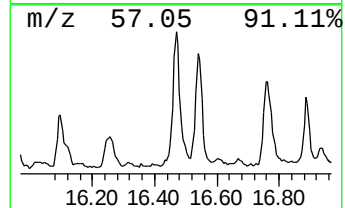
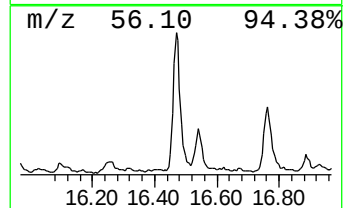
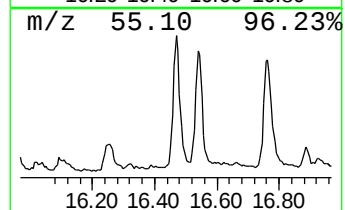
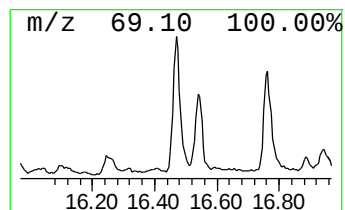
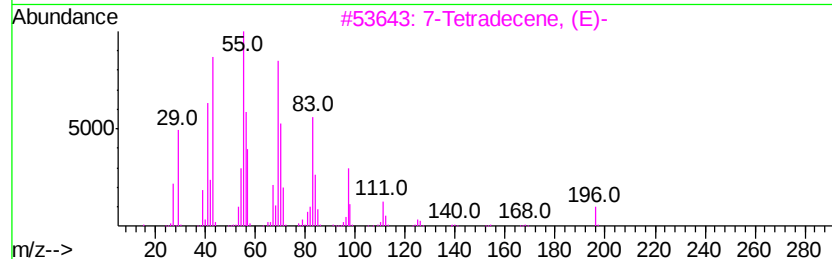
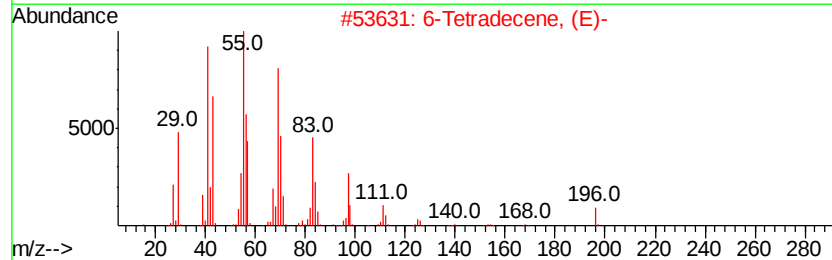
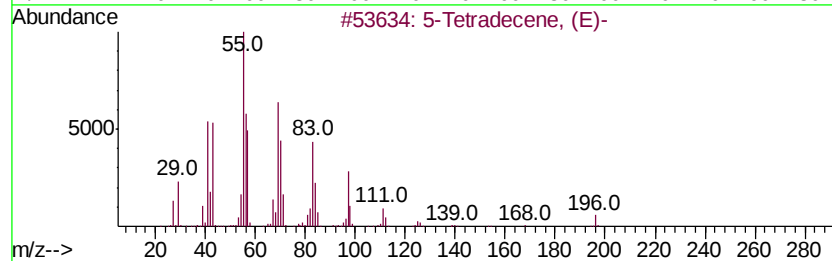
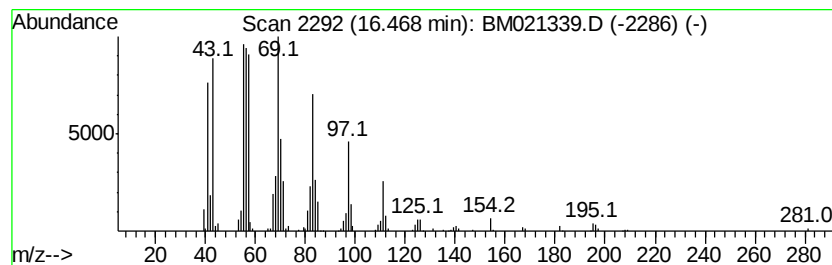
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic16.47 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.80 ng/ul	542754	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Tetradecene, (E)-	196	C14H28	041446-66-6	93
2		6-Tetradecene, (E)-	196	C14H28	041446-64-4	91
3		7-Tetradecene, (E)-	196	C14H28	041446-63-3	90
4		7-Tetradecene	196	C14H28	010374-74-0	89
5		7-Tetradecene, (Z)-	196	C14H28	041446-60-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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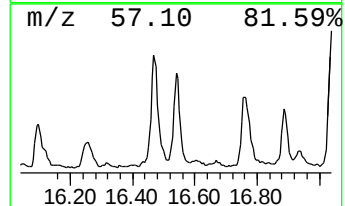
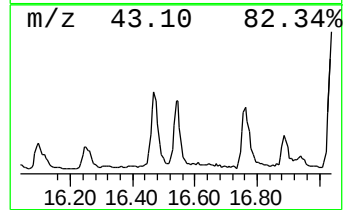
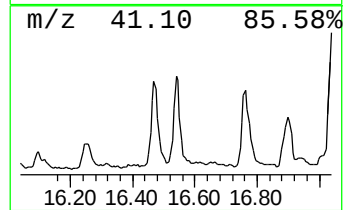
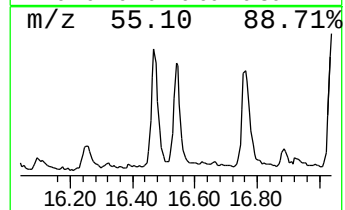
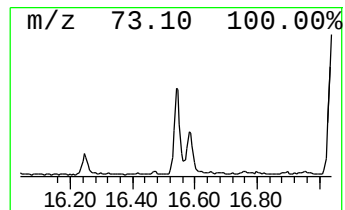
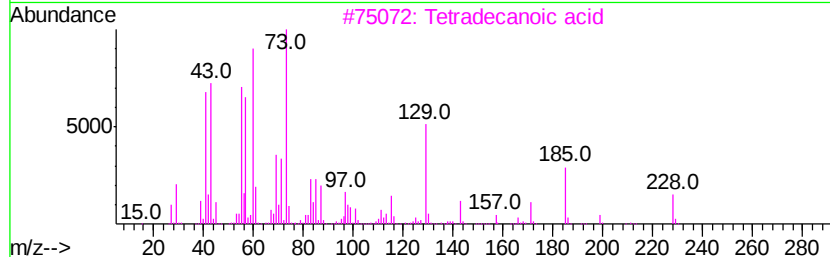
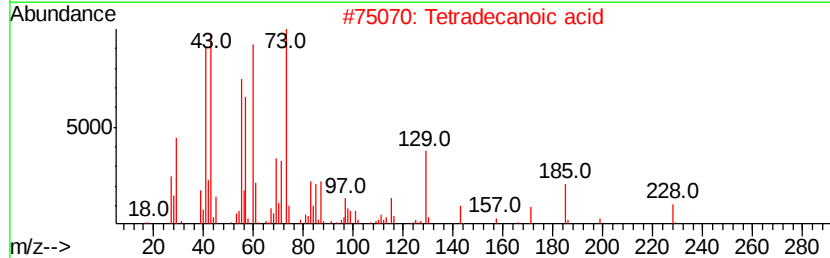
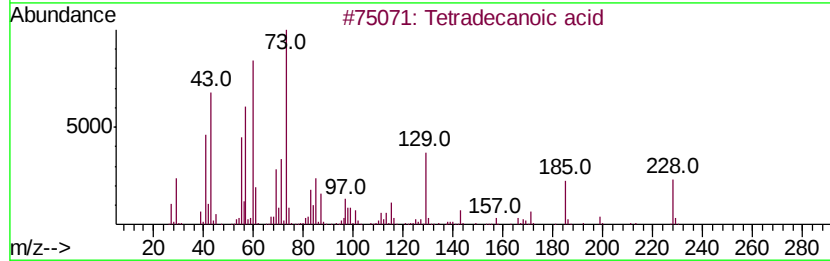
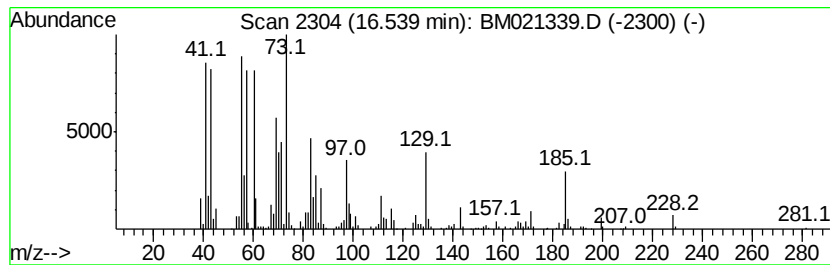
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Tetradecanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	4.40 ng/ul	496808	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	60
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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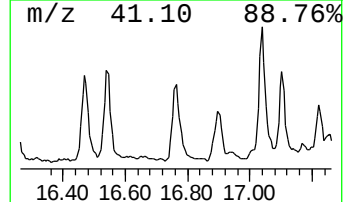
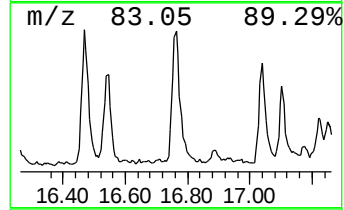
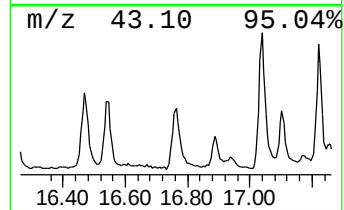
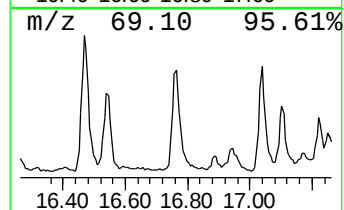
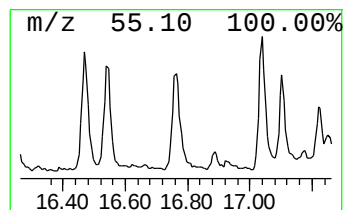
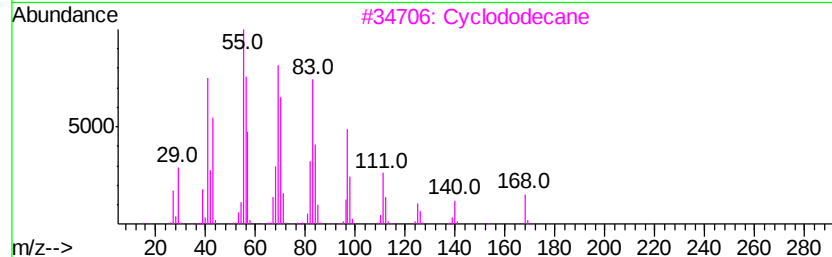
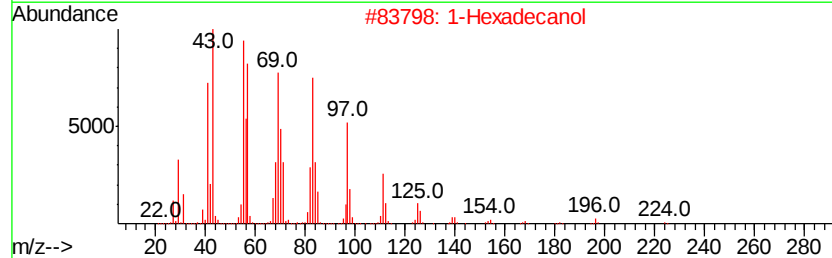
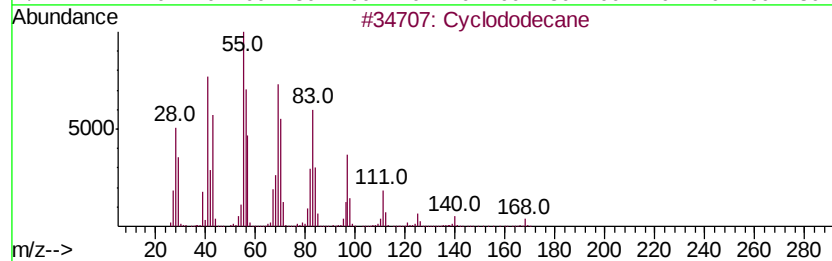
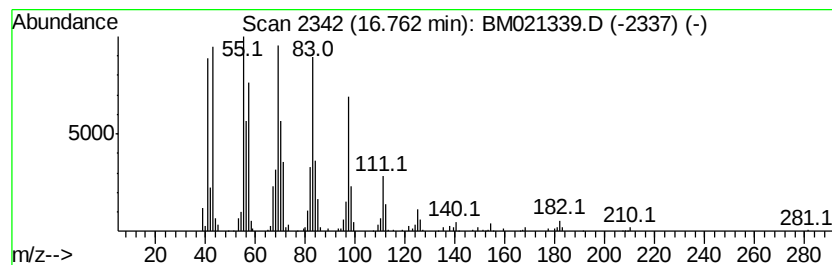
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic16.76 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	4.37 ng/ul	494289	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclododecane	168	C12H24	000294-62-2	96
2		1-Hexadecanol	242	C16H34O	036653-82-4	94
3		Cyclododecane	168	C12H24	000294-62-2	94
4		Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	91
5		1-Pentadecene	210	C15H30	013360-61-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
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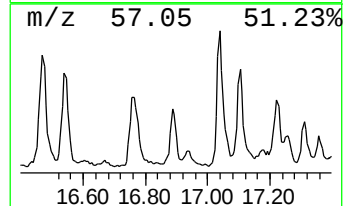
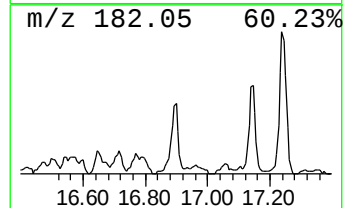
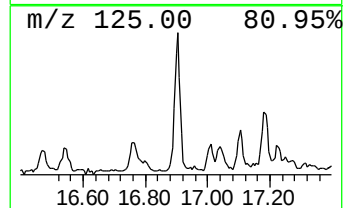
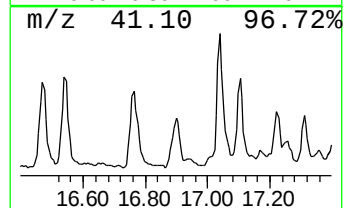
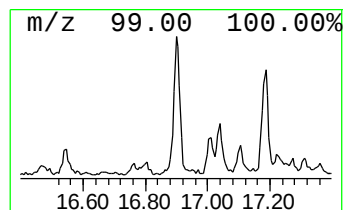
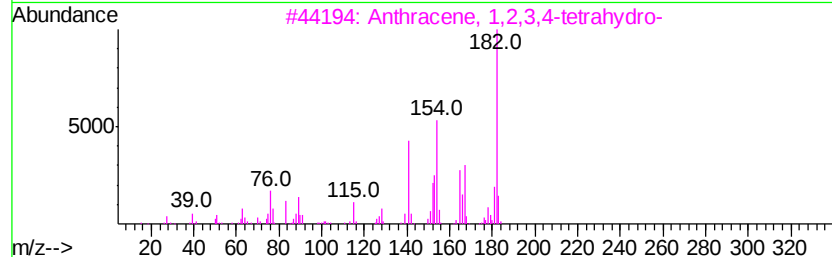
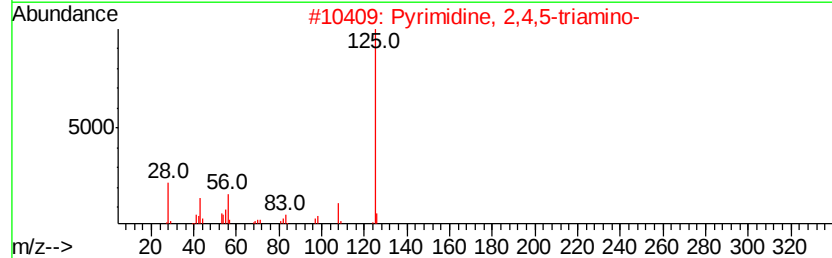
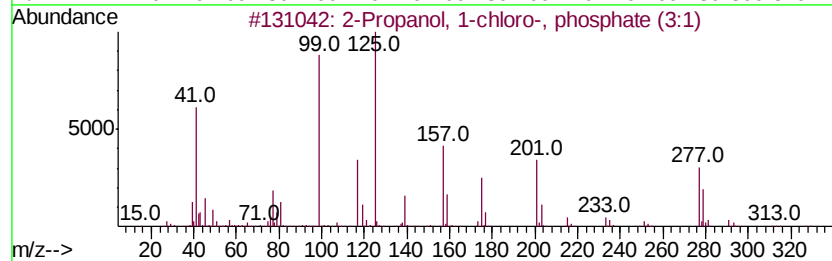
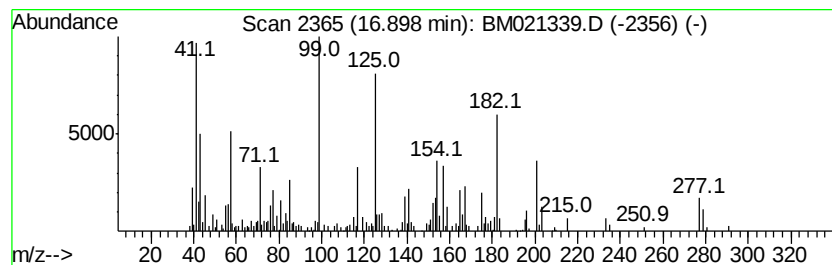
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.90	4.00 ng/ul	451503	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	49	
2	Pyrimidine, 2,4,5-triamino-	125	C4H7N5	003546-50-7	25	
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	25	
4	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	22	
5	Acetamide, N-(2,4-dihydroxyphenyl)-	167	C8H9NO3	071516-07-9	18	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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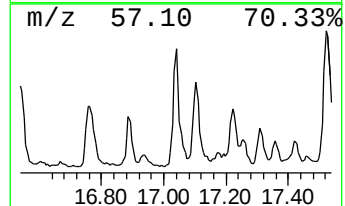
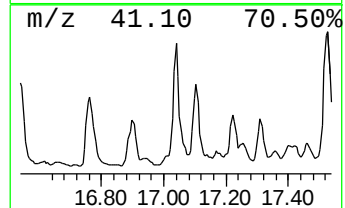
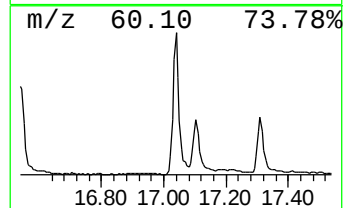
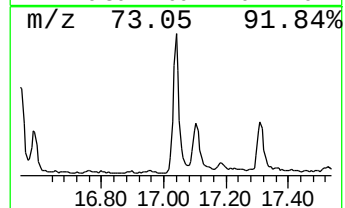
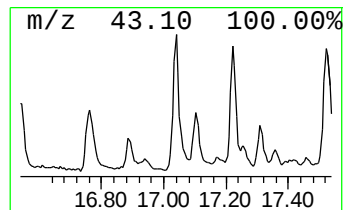
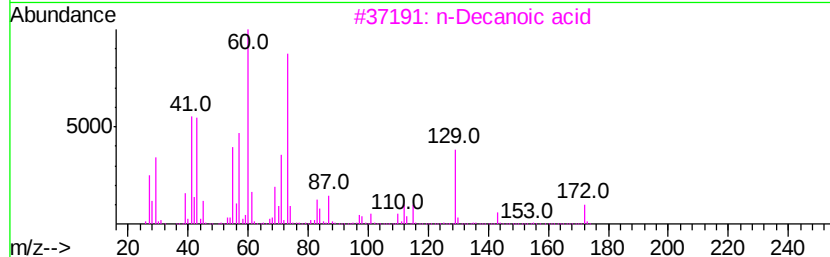
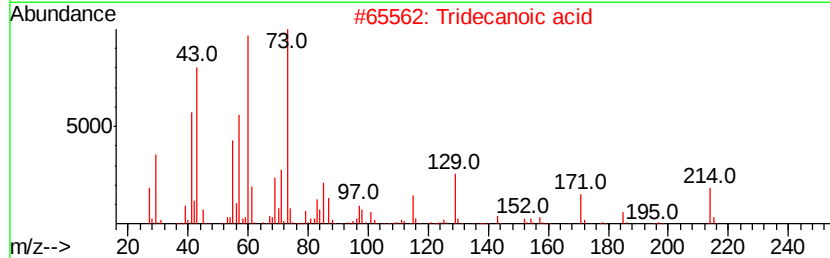
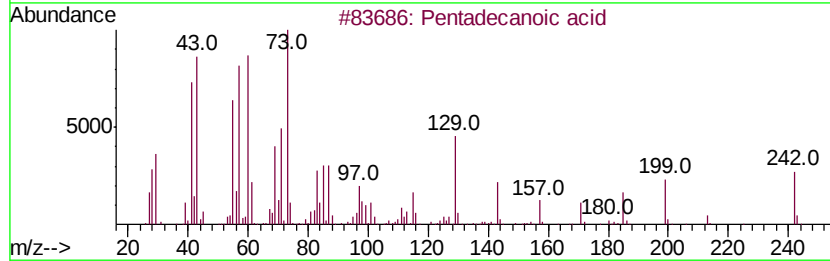
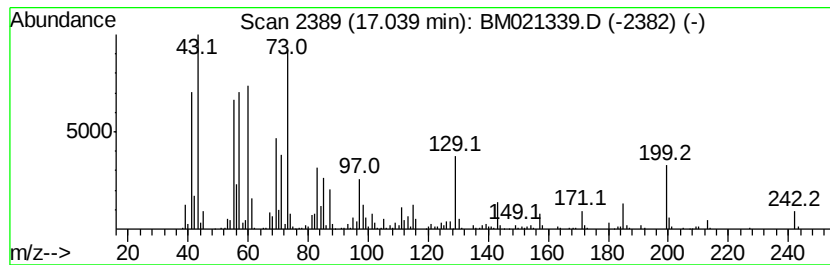
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Pentadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	7.85 ng/ul	886875	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	76
3			n-Decanoic acid	172	C10H20O2	000334-48-5	70
4			Dodecanoic acid	200	C12H24O2	000143-07-7	70
5			Dodecanoic acid	200	C12H24O2	000143-07-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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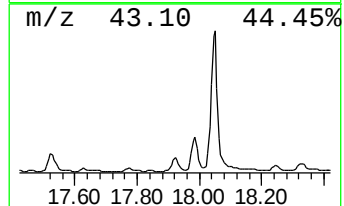
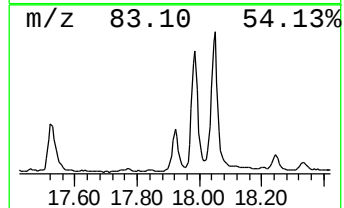
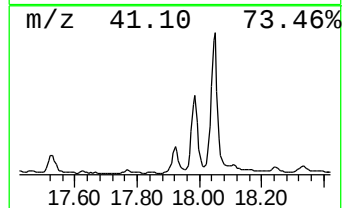
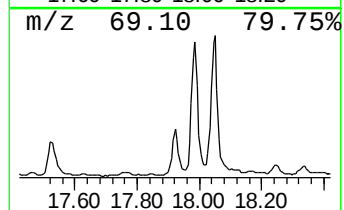
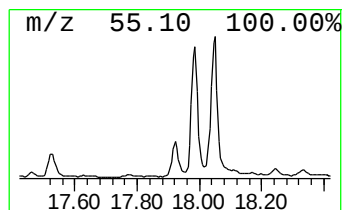
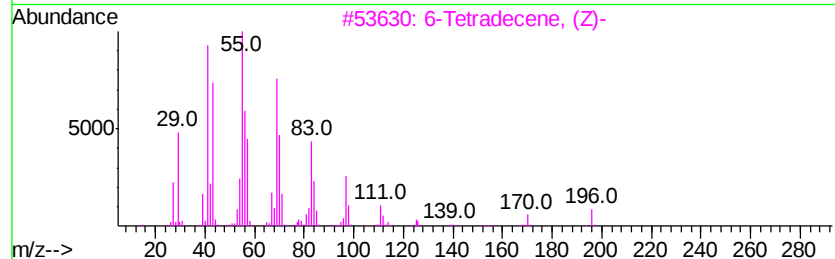
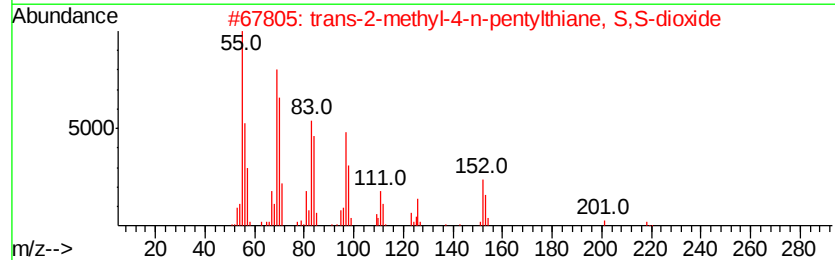
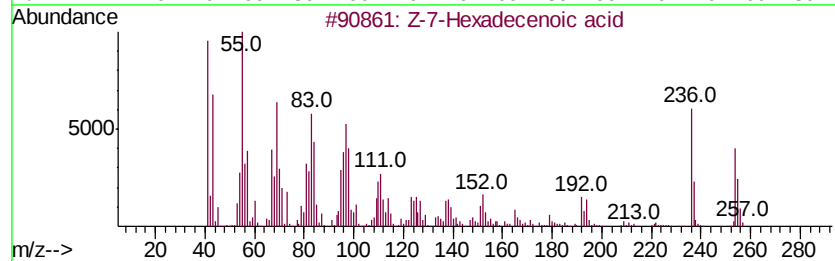
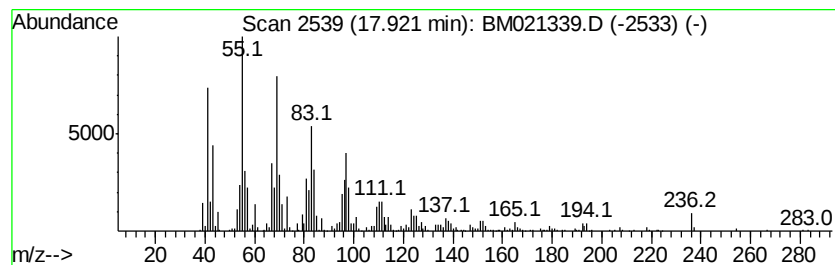
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Z-7-Hexadecenoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	12.53 ng/ul	1416390	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	95
2		trans-2-methyl-4-n-pentylthiane,...	218	C11H22O2S	1000215-75-3	72
3		6-Tetradecene, (Z)-	196	C14H28	041446-61-1	68
4		6-Tetradecene, (Z)-	196	C14H28	041446-61-1	68
5		Cyclopropane, nonyl-	168	C12H24	074663-85-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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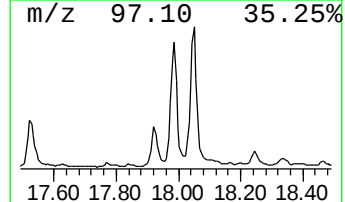
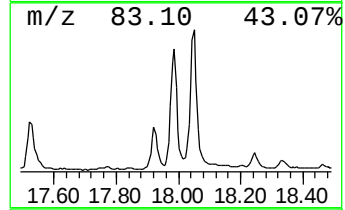
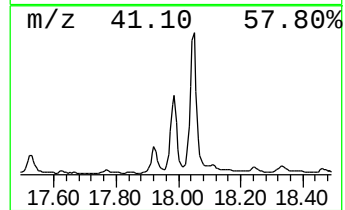
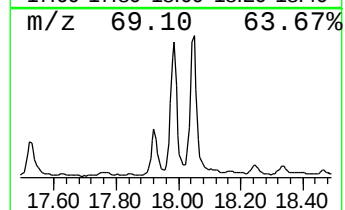
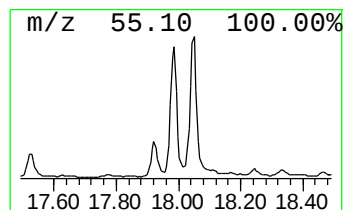
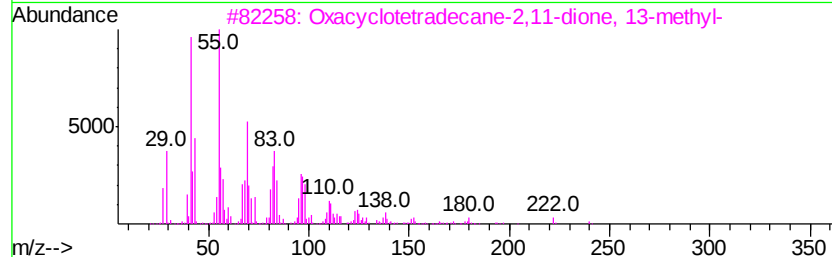
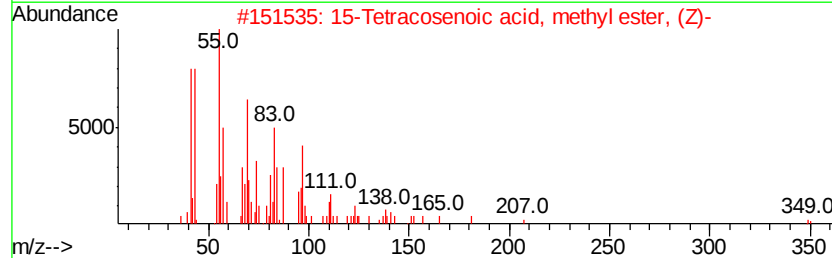
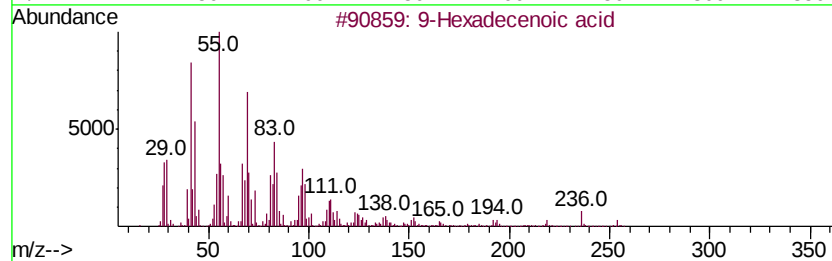
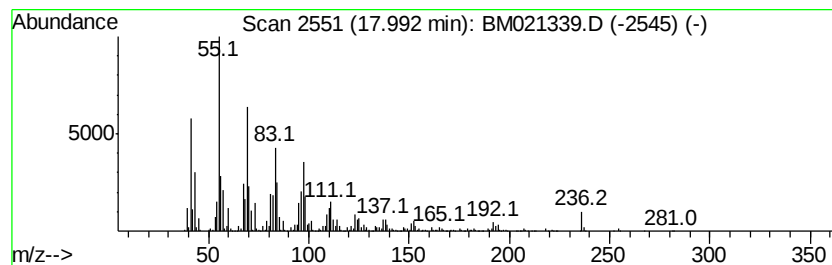
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9-Hexadecenoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	31.78 ng/ul	3591920	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	94
2		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	90
3		Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	87
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	83
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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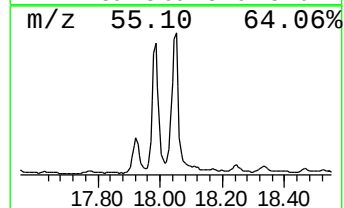
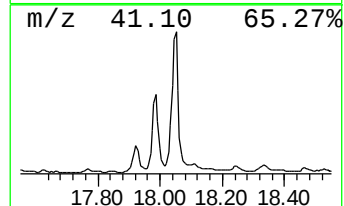
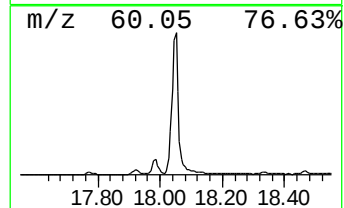
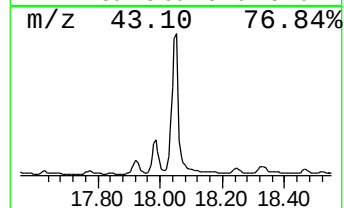
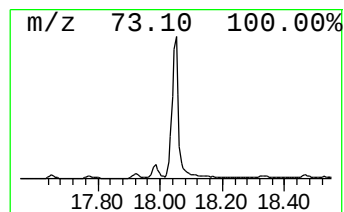
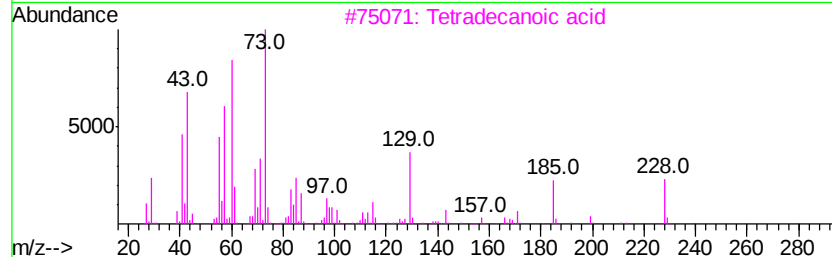
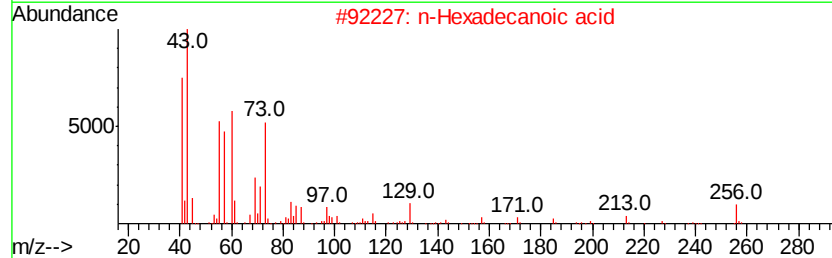
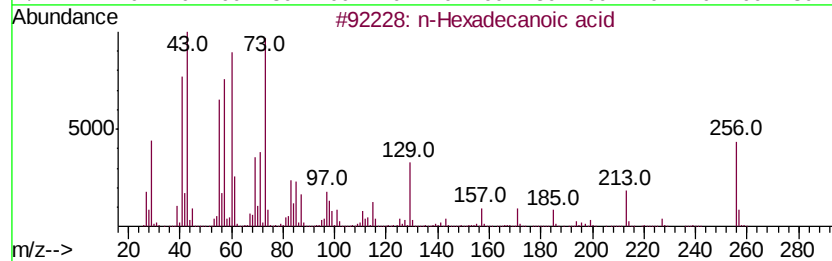
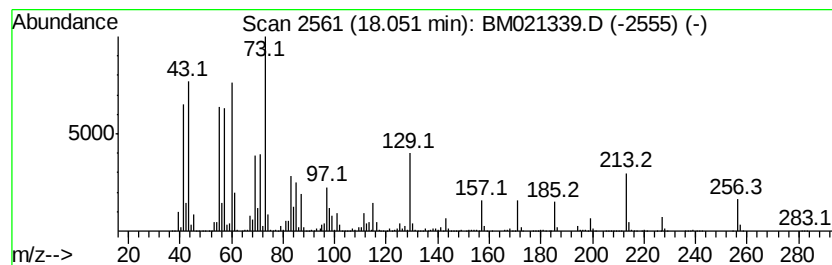
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	71.69 ng/ul	8101820	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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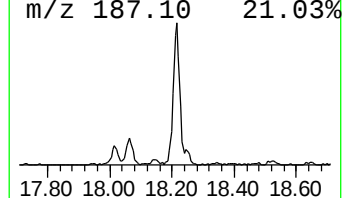
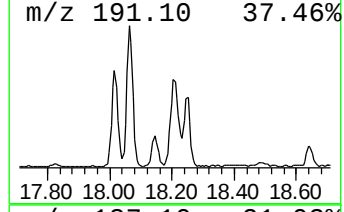
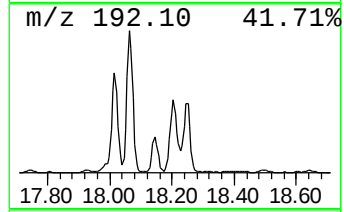
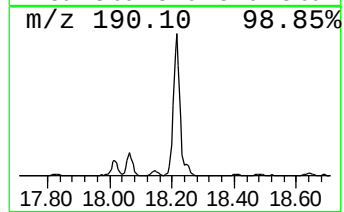
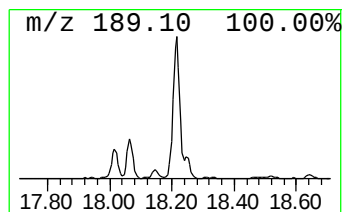
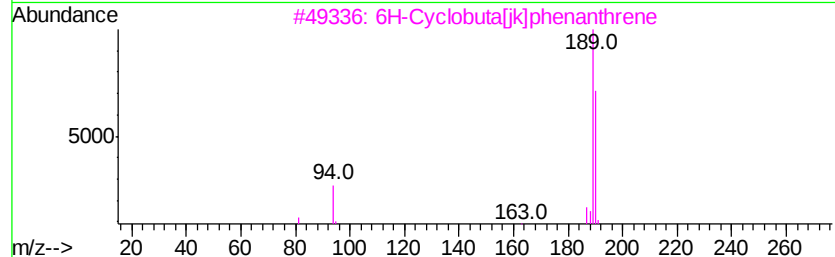
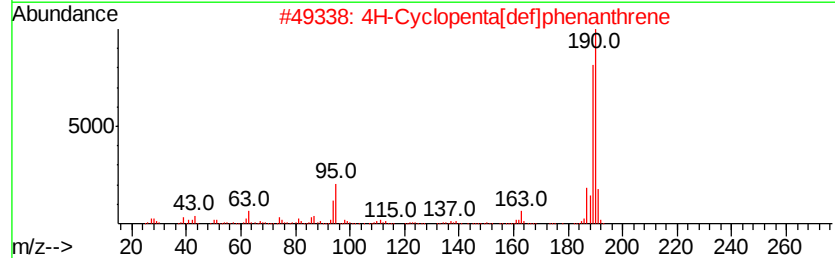
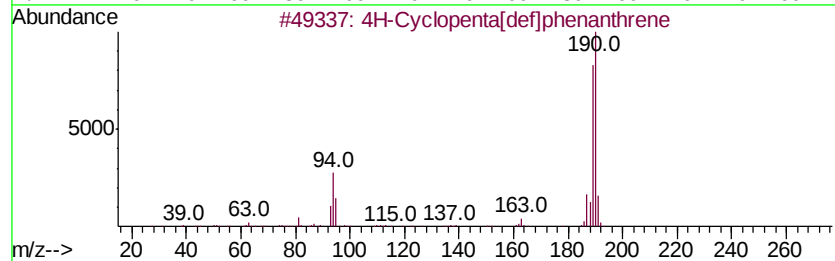
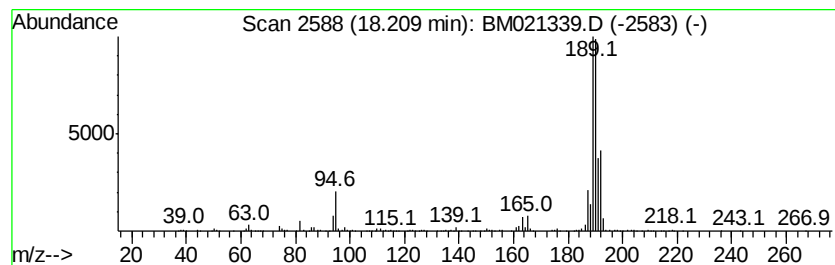
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	9.70 ng/ul	1096570	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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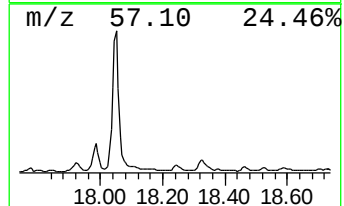
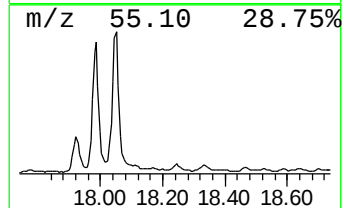
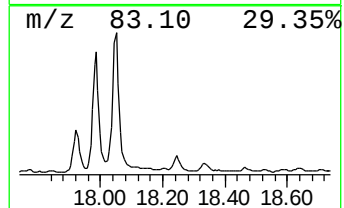
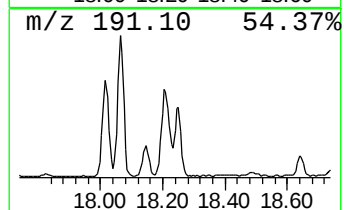
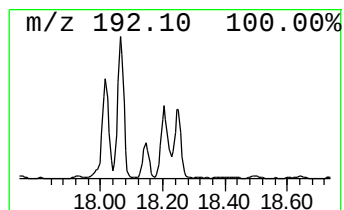
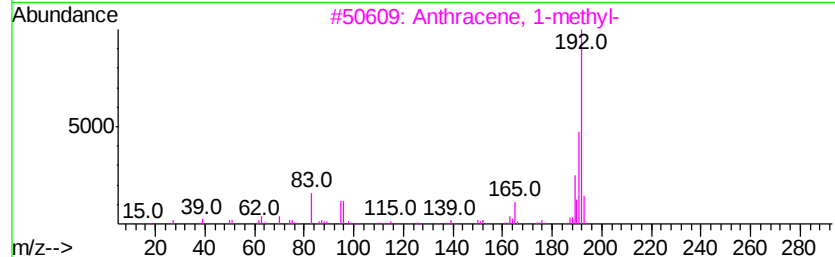
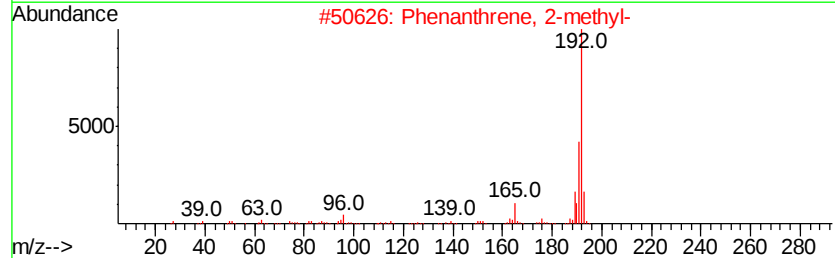
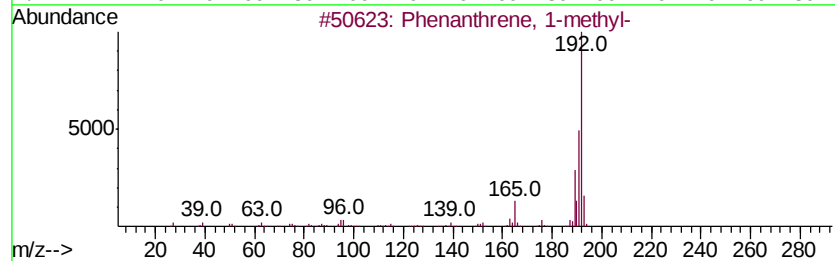
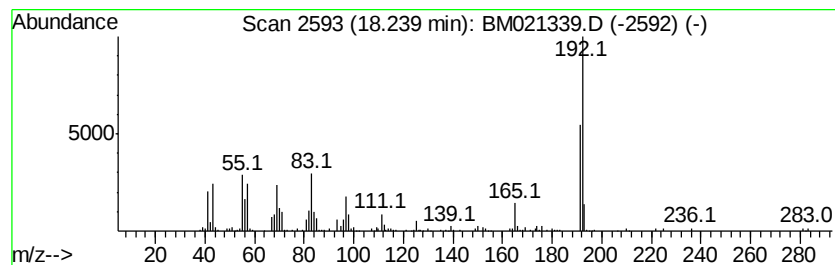
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	5.06 ng/ul	572248	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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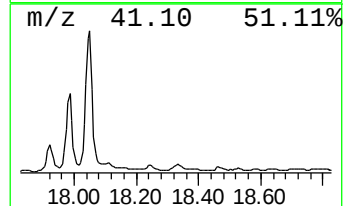
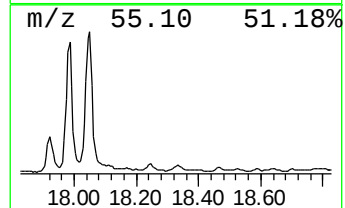
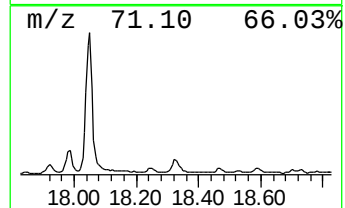
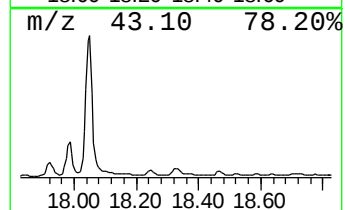
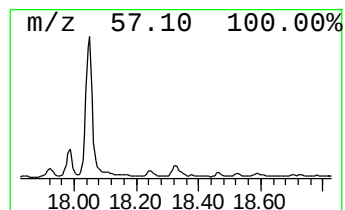
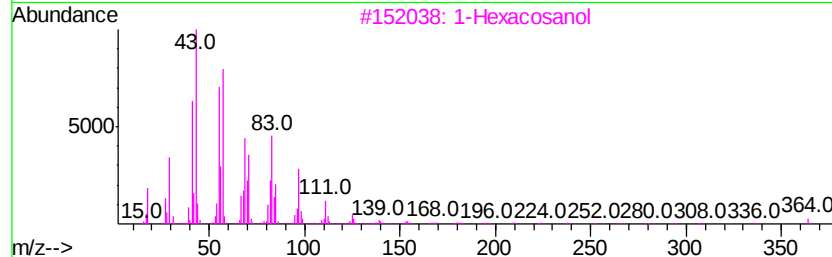
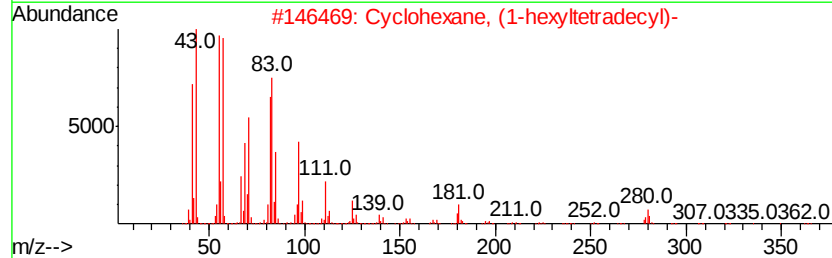
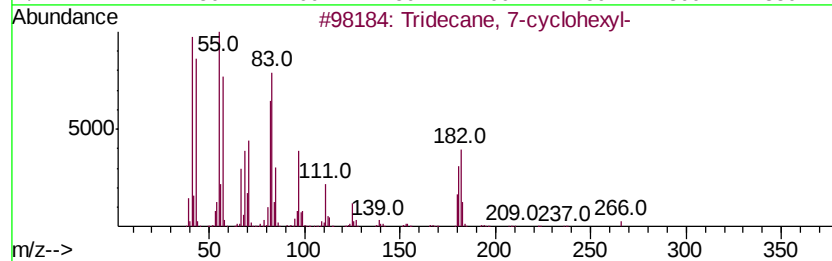
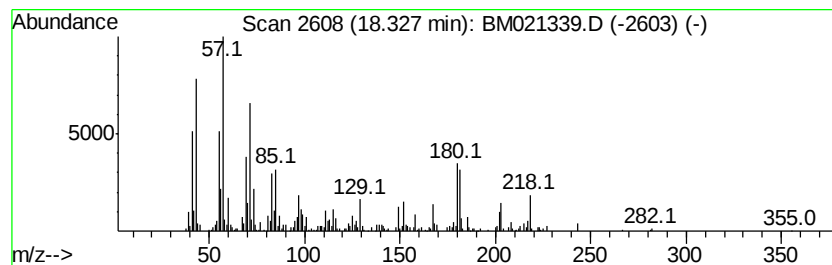
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic18.33 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.48 ng/ul	505821	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-cyclohexyl-	266	C19H38	013151-92-3	12
2			Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	11
3			1-Hexacosanol	382	C26H54O	000506-52-5	11
4			Dodecane, 1,2-dibromo-	326	C12H24Br2	055334-42-4	10
5			Hexane, 1,1'-[ethylidenebis(oxy)...]	230	C14H30O2	005405-58-3	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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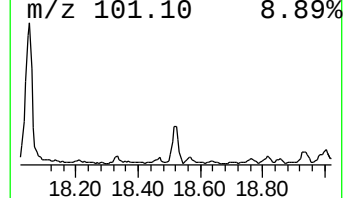
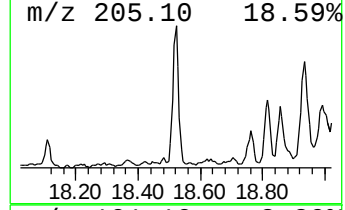
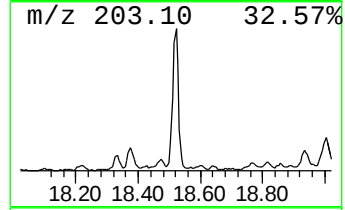
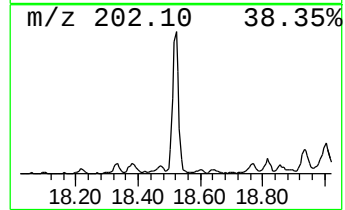
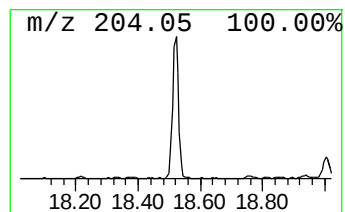
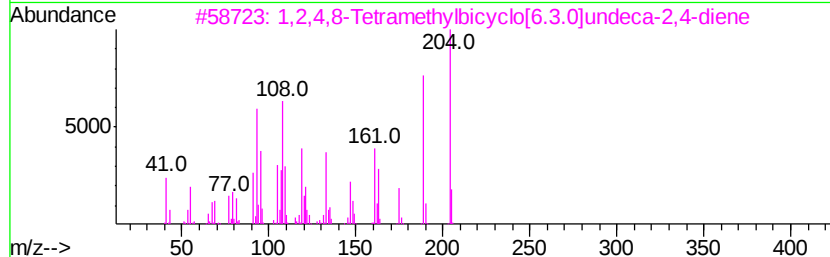
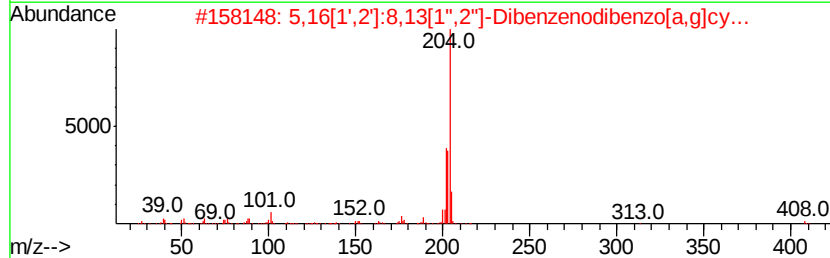
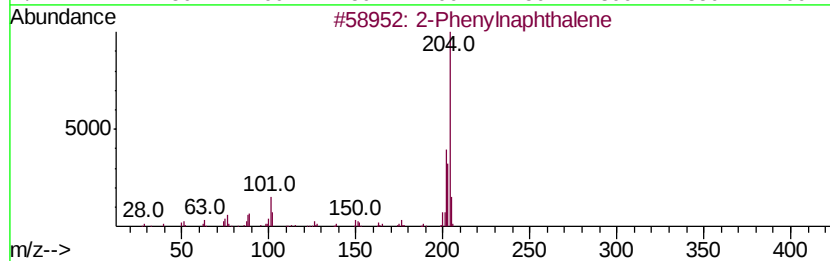
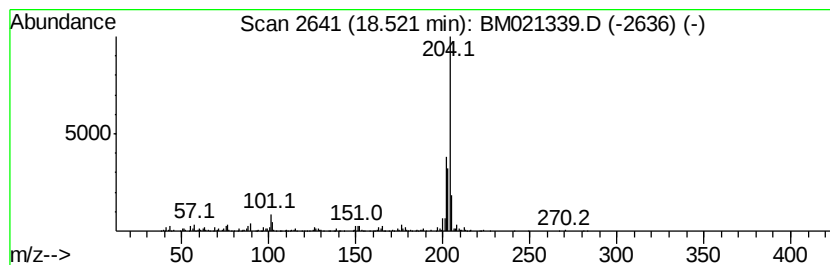
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 2-Phenylnaphthalene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	4.99 ng/ul	563589	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	94
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3		1,2,4,8-Tetramethylbicvclo[6.3.0]...	204	C15H24	137235-51-9	90
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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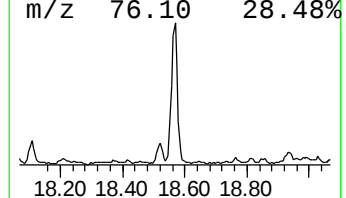
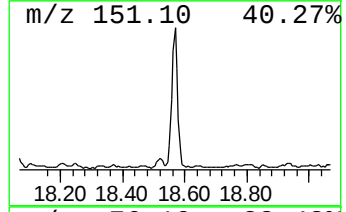
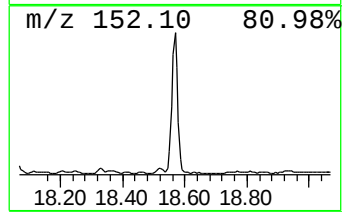
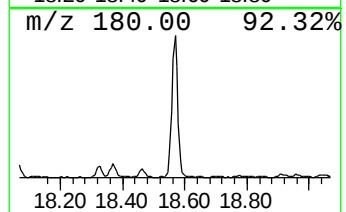
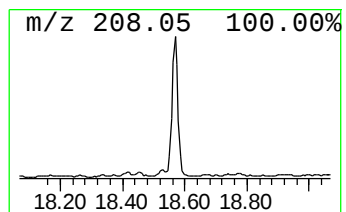
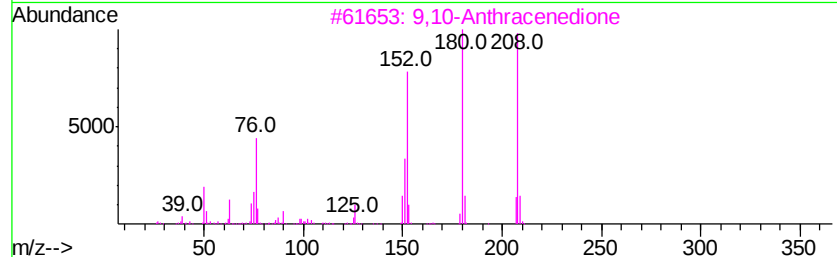
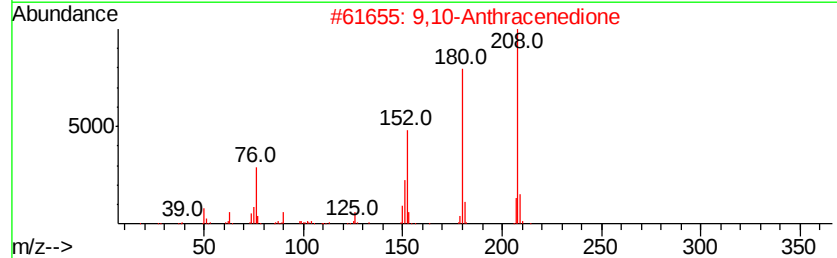
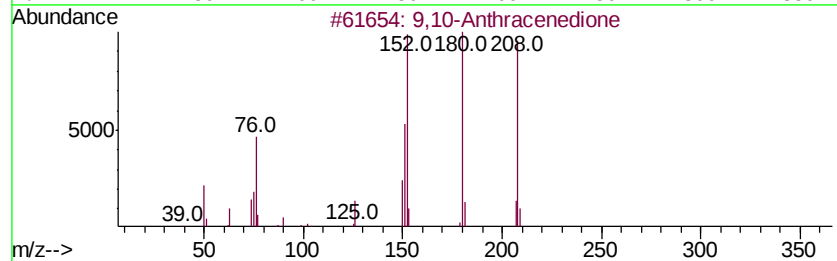
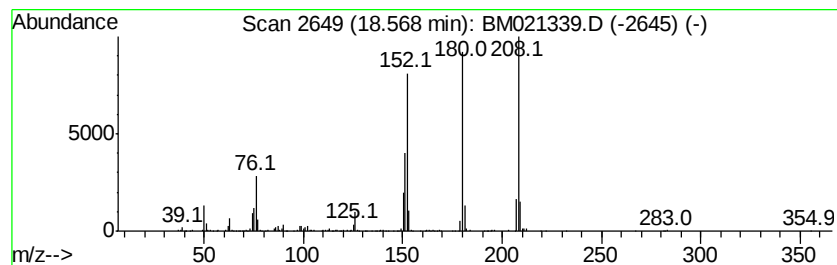
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	8.10 ng/ul	914929	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4		Benzo[cl]cinoline	180	C12H8N2	000230-17-1	70
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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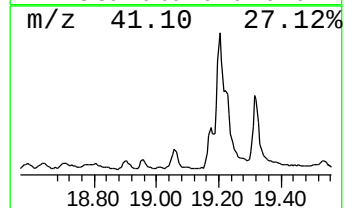
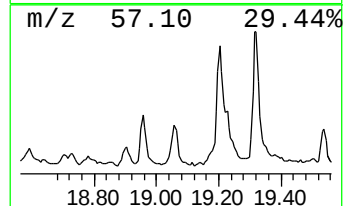
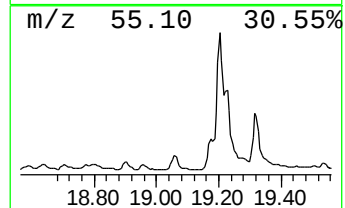
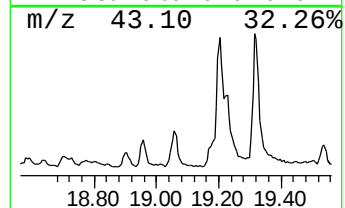
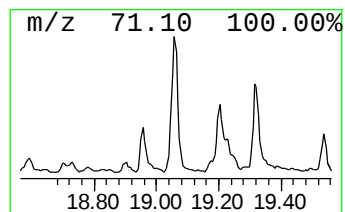
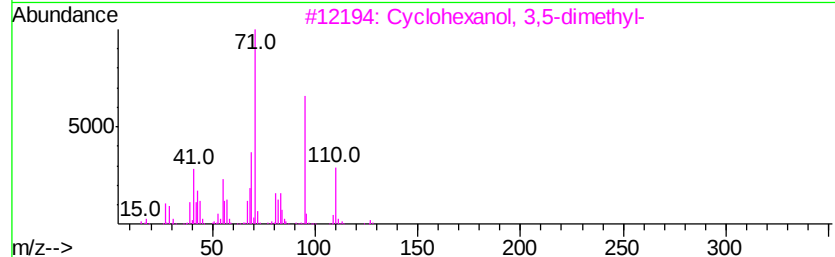
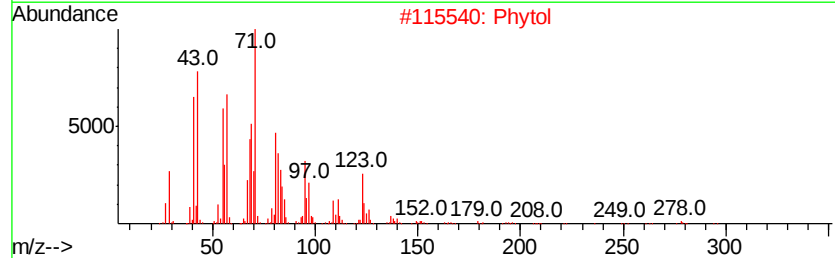
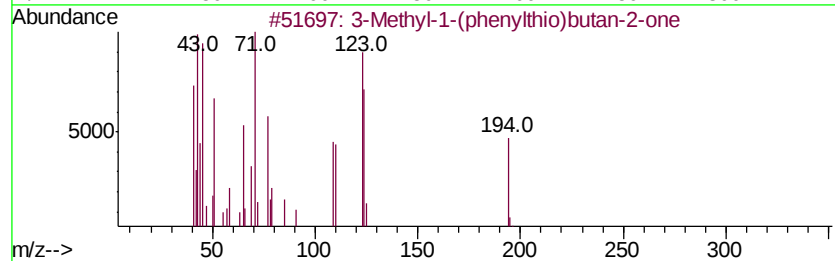
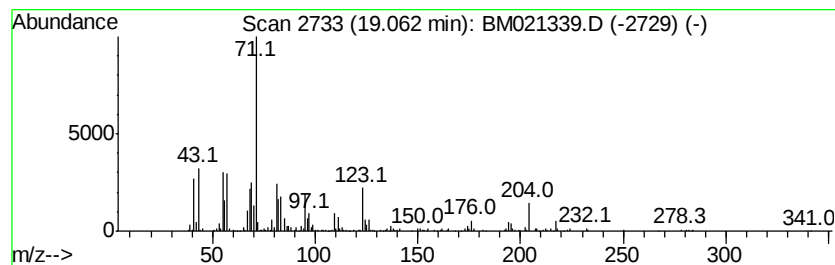
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 3-Methyl-1-(phenylthio)buta... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.84 ng/ul	321052	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-1-(phenylthio)butan-2-one	194	C11H14OS	071221-49-3	50
2		Phytol	296	C20H40O	000150-86-7	49
3		Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	40
4		6-Octen-1-ol, 3,7-dimethyl-, (.+...	156	C10H20O	026489-01-0	38
5		3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Misc :
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ClientSampleId :
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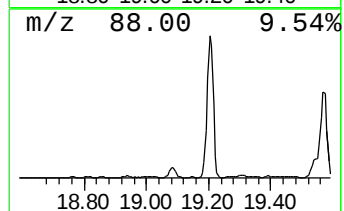
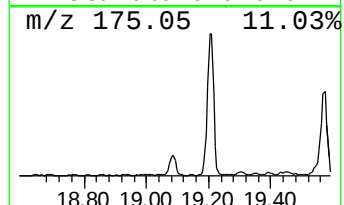
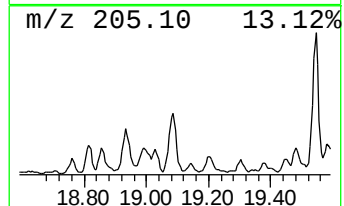
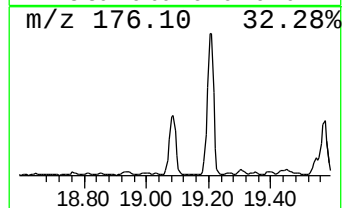
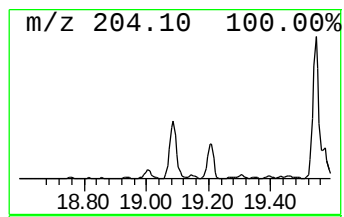
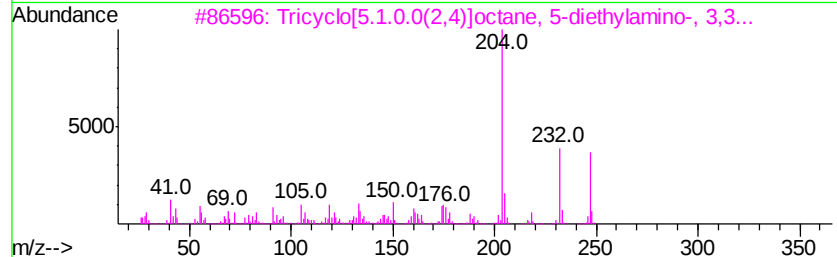
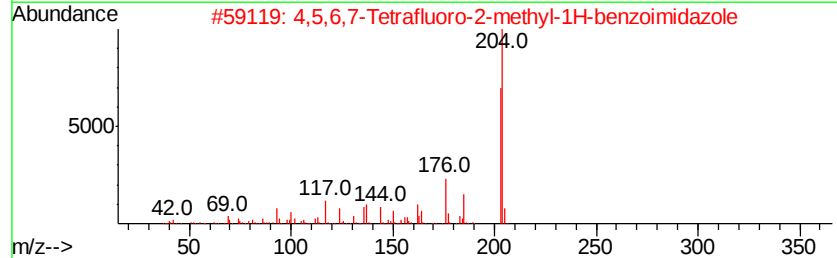
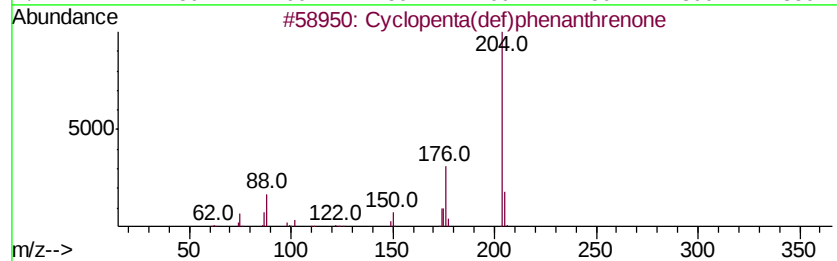
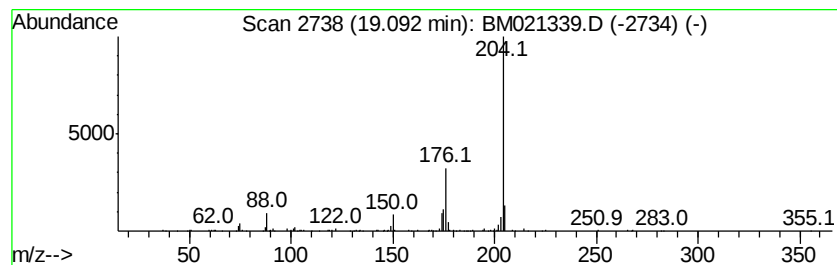
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	5.30 ng/ul	599382	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2		4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	59
3		Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	42
4		Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	42
5		Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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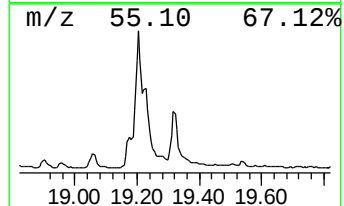
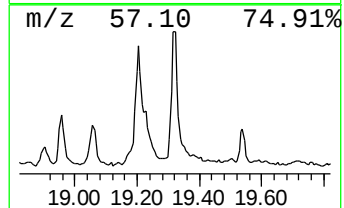
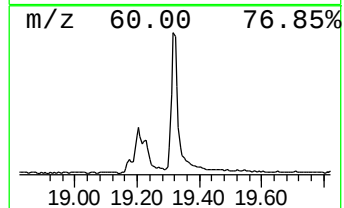
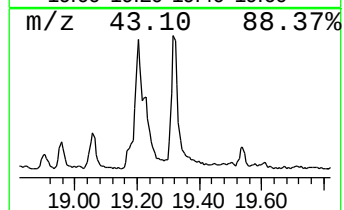
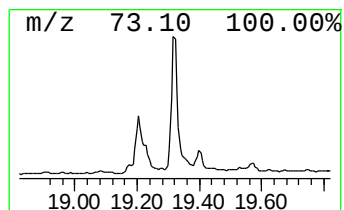
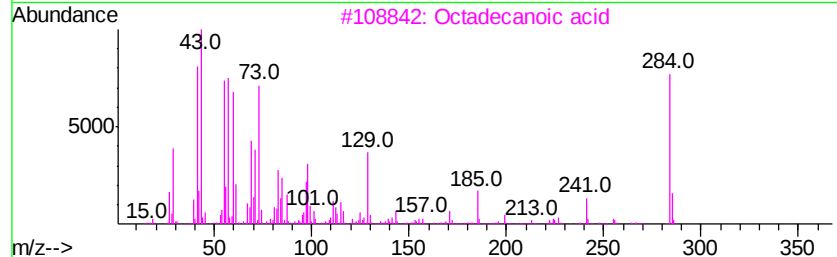
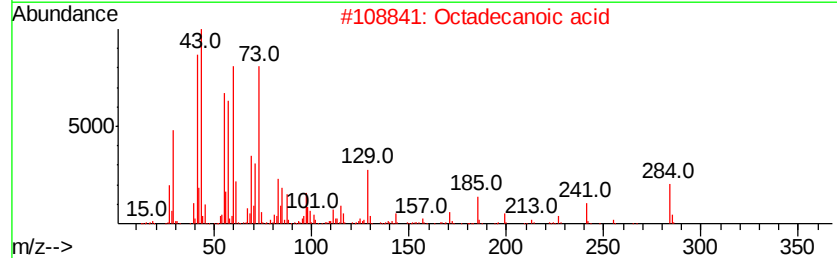
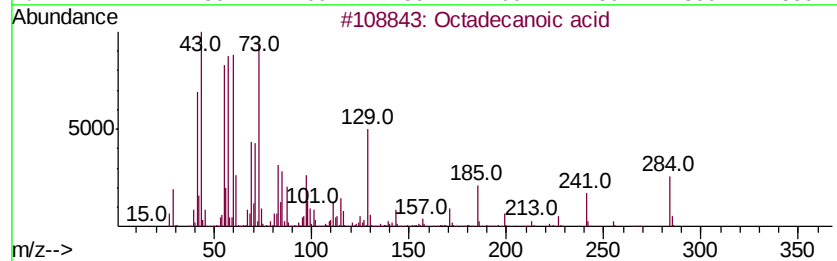
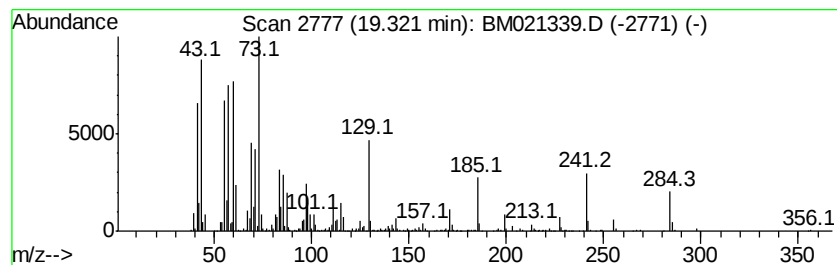
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Octadecanoic acid Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.89 ng/ul	1722670	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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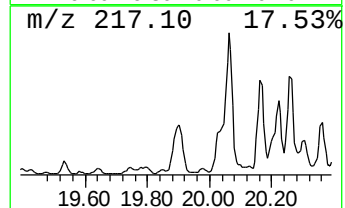
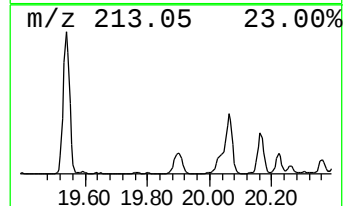
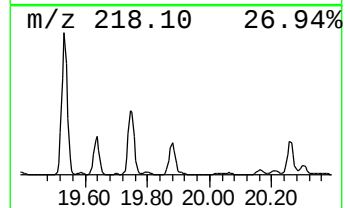
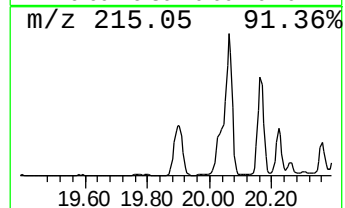
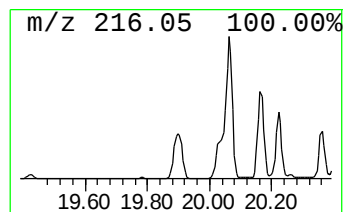
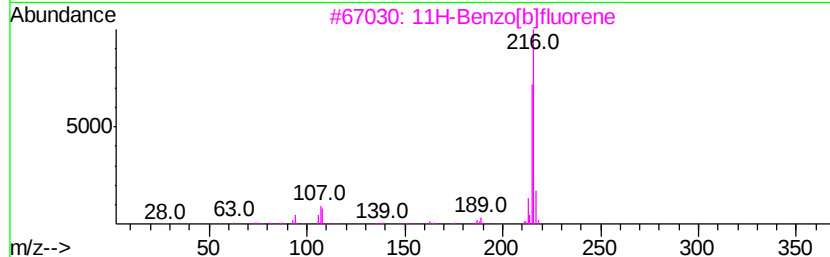
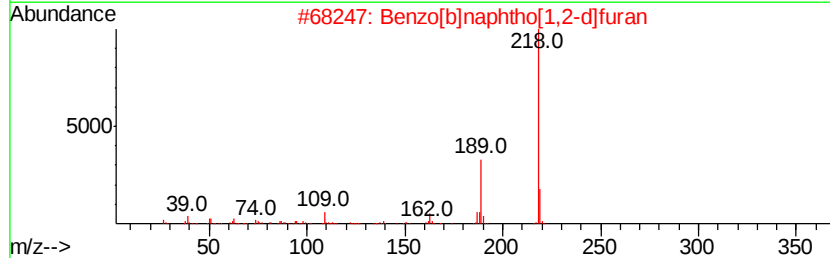
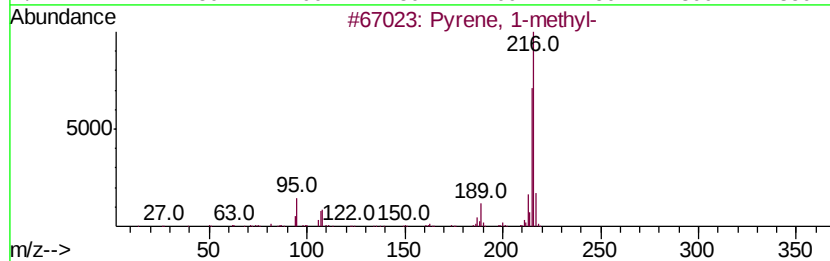
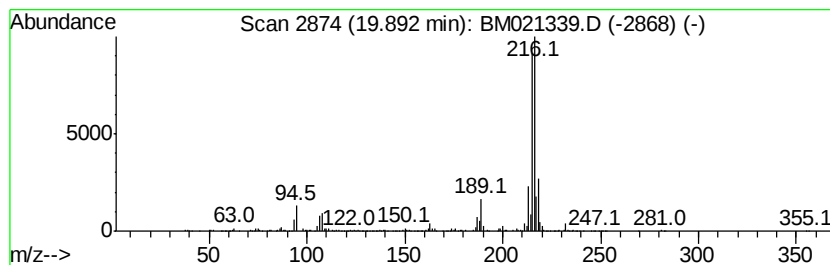
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Pyrene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.14 ng/ul	1275140	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2		Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	70
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5		Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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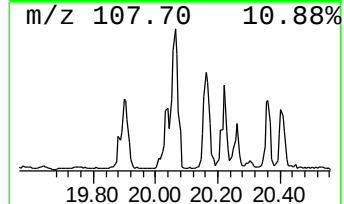
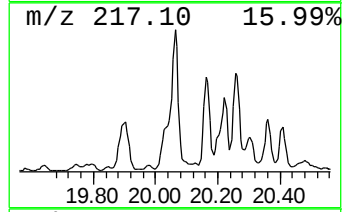
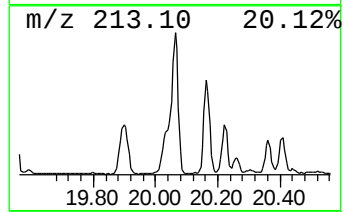
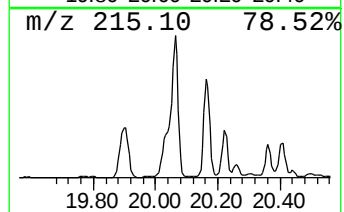
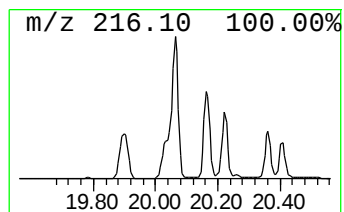
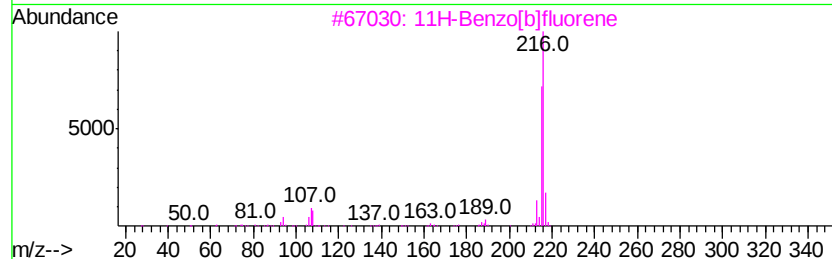
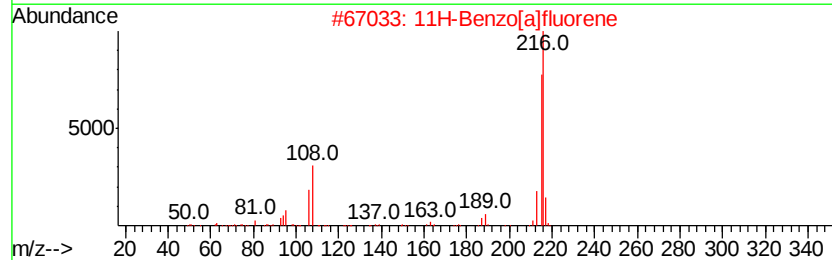
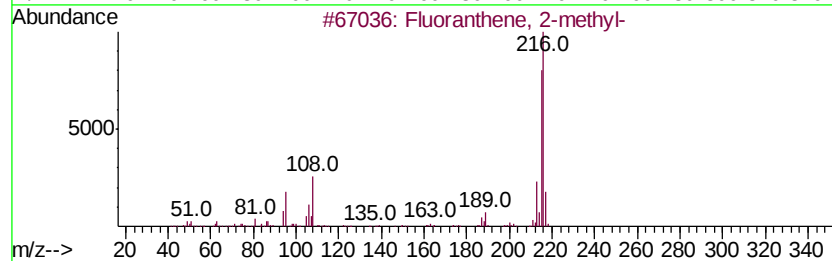
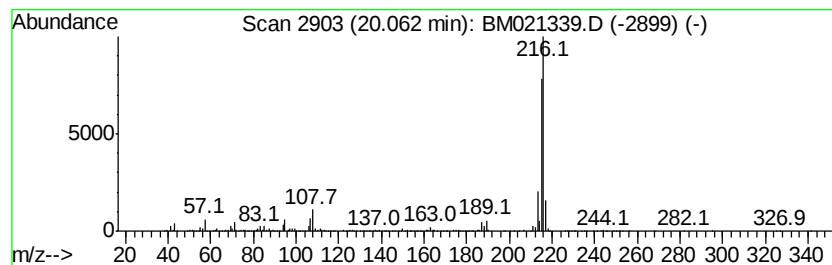
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Fluoranthene, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.80 ng/ul	2267790	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81



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Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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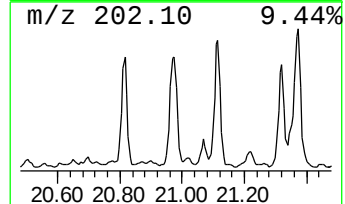
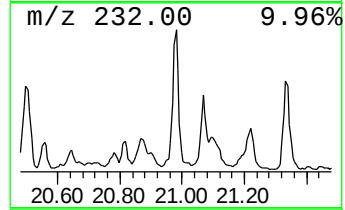
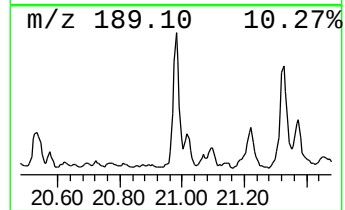
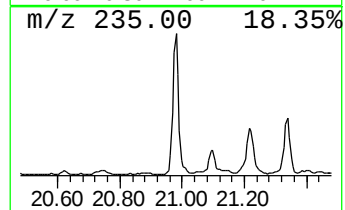
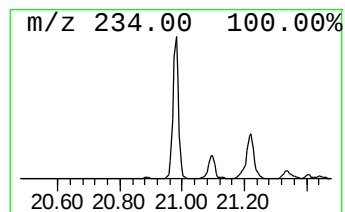
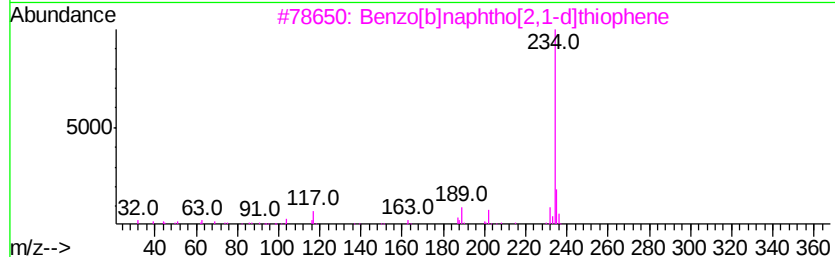
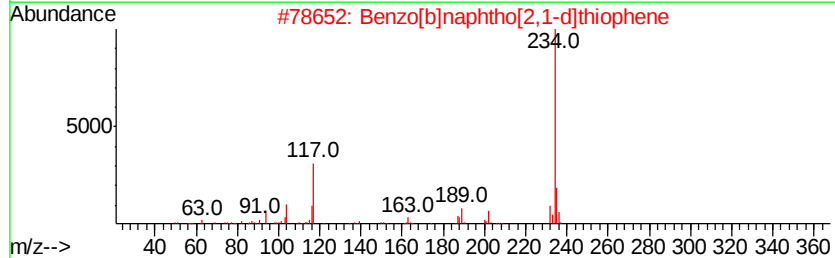
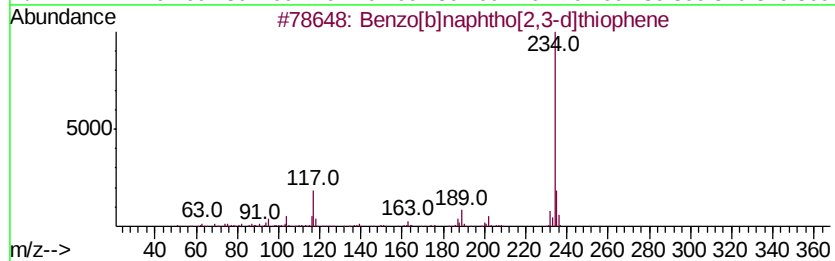
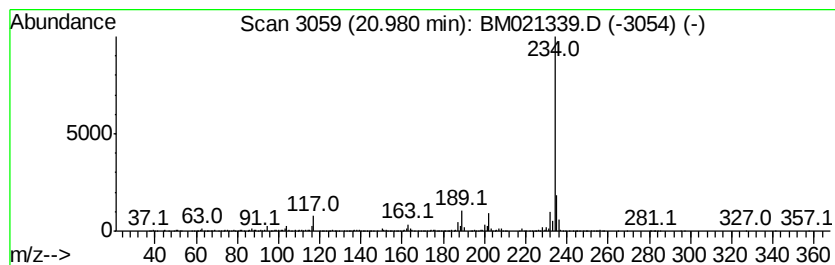
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.86 ng/u1	1708520	Chrysene-d12	21.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Misc :
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ClientSampleId :
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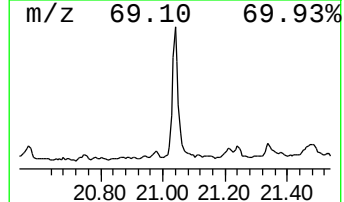
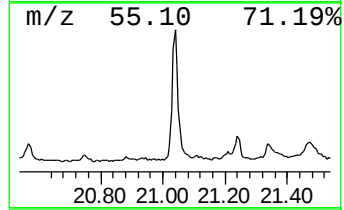
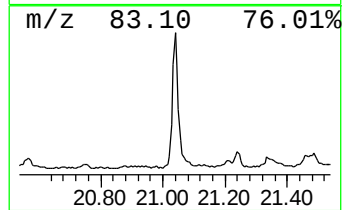
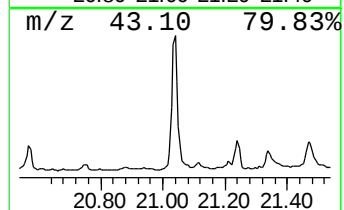
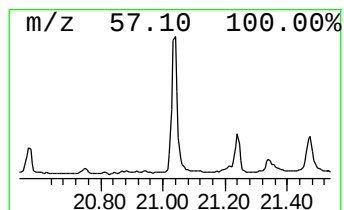
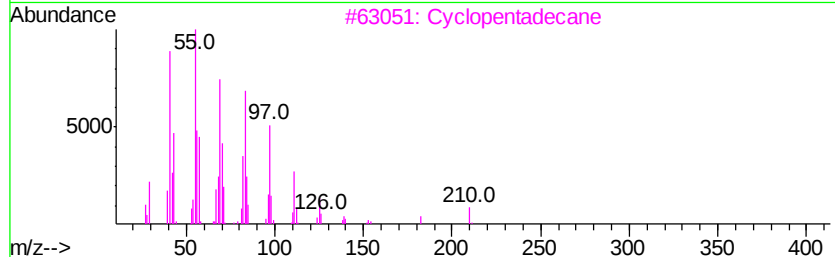
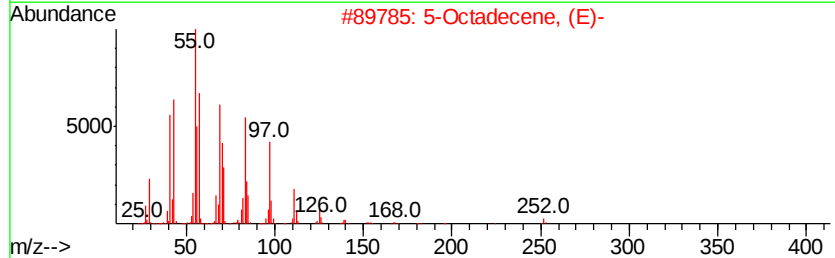
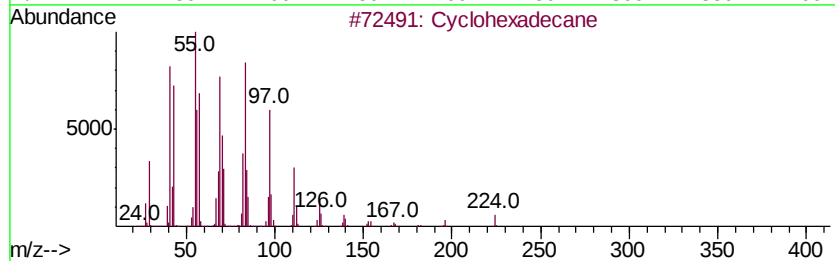
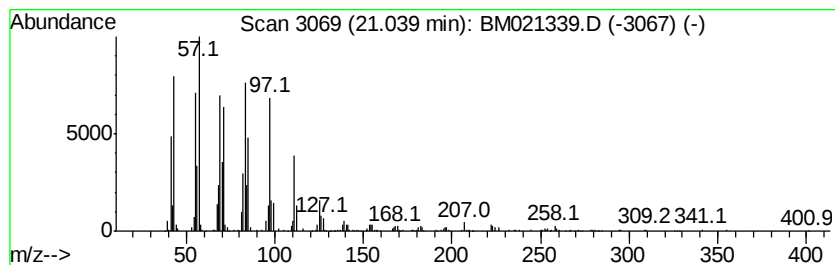
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Cyclic21.04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	5.08 ng/ul	3033740	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	99
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3		Cyclopentadecane	210	C15H30	000295-48-7	92
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91



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Data File : BM021339.D
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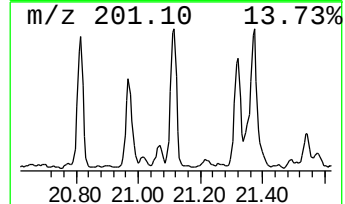
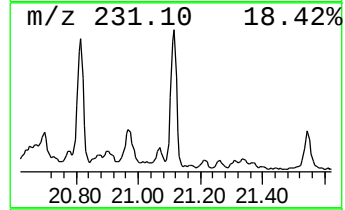
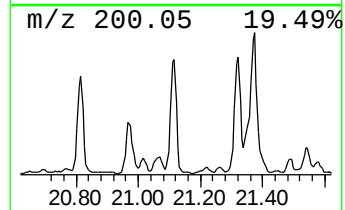
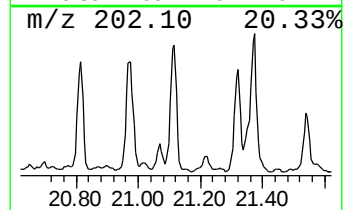
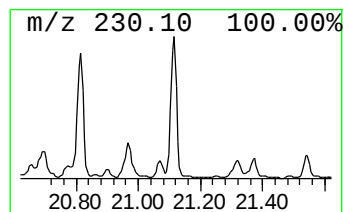
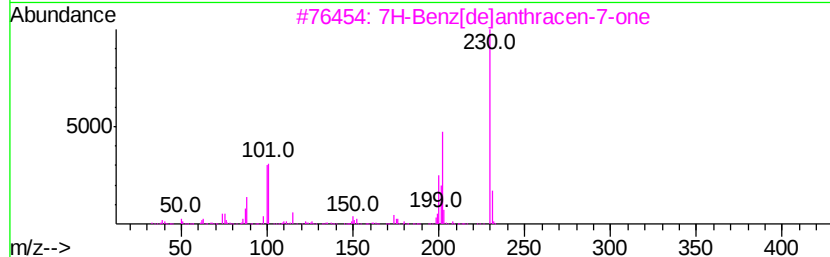
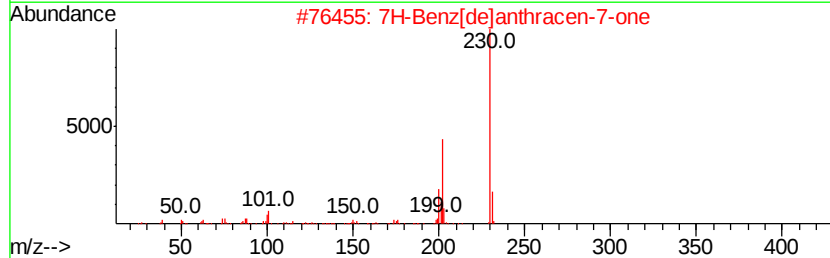
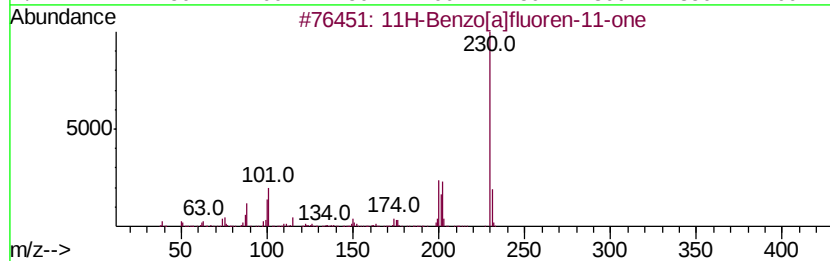
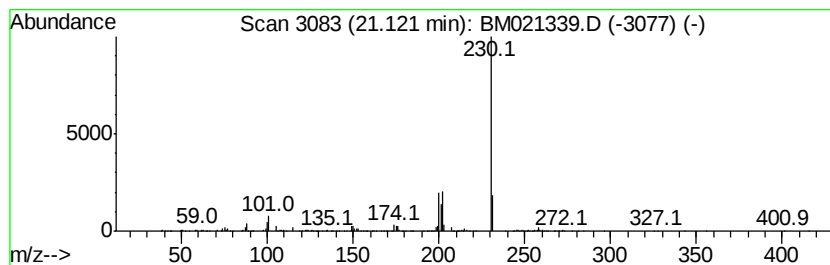
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.85 ng/ul	1699750	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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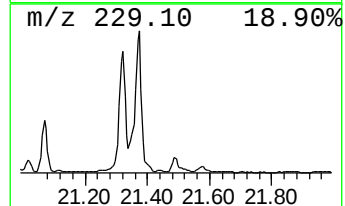
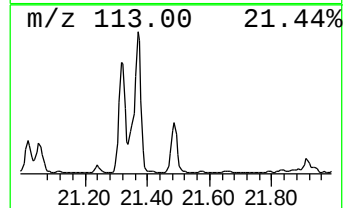
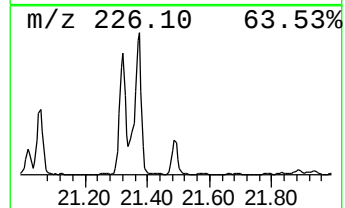
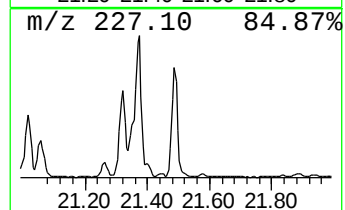
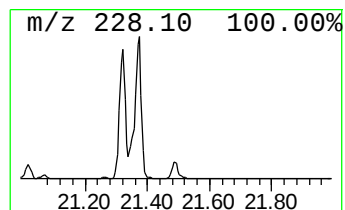
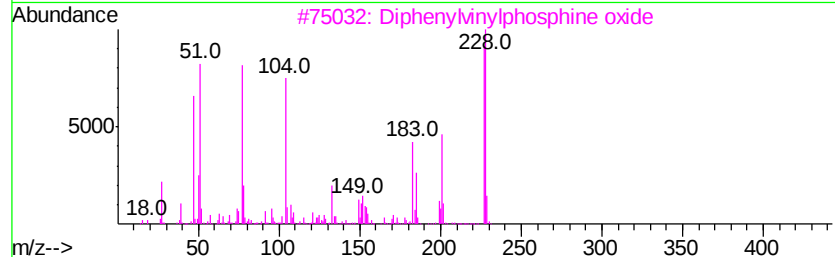
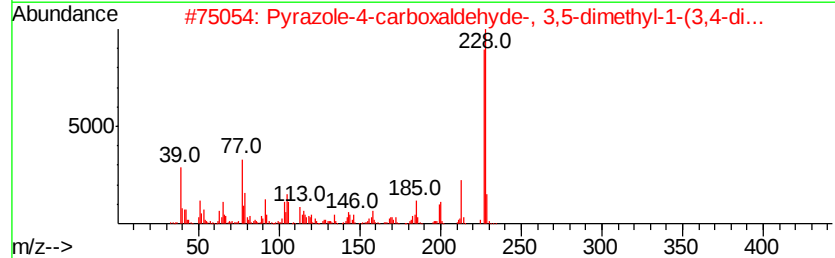
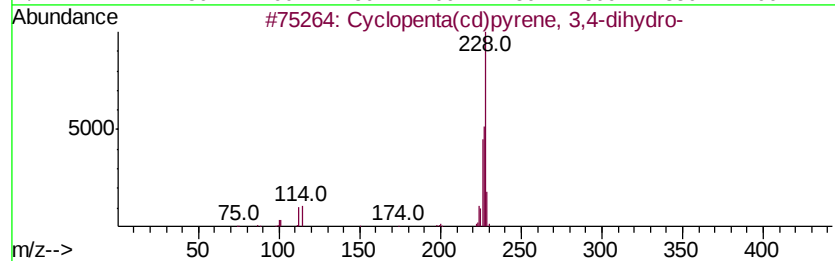
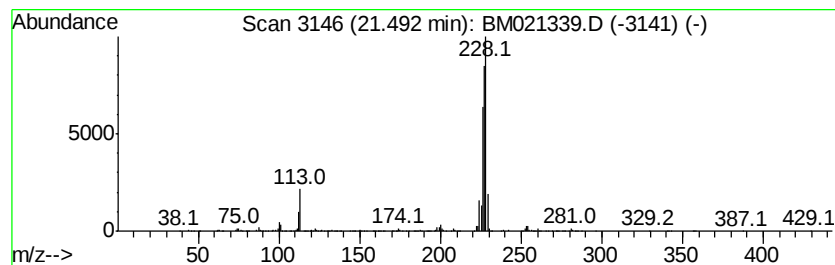
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.37 ng/ul	1416880	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
3		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	49
4		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
5		Triphenylene	228	C18H12	000217-59-4	46



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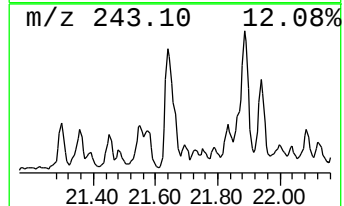
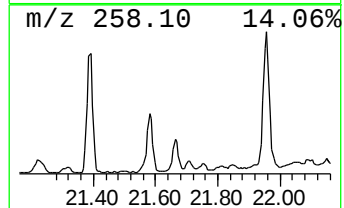
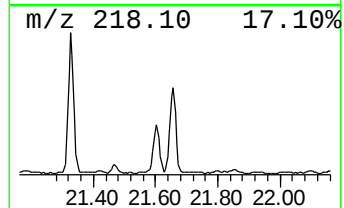
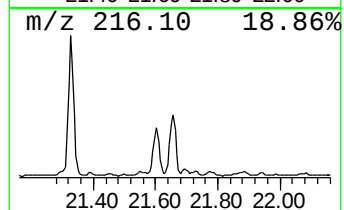
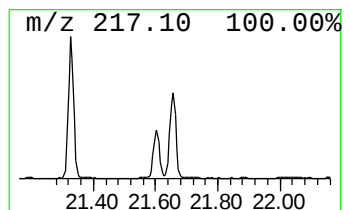
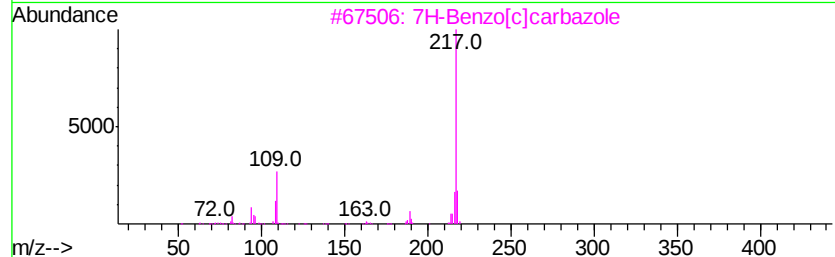
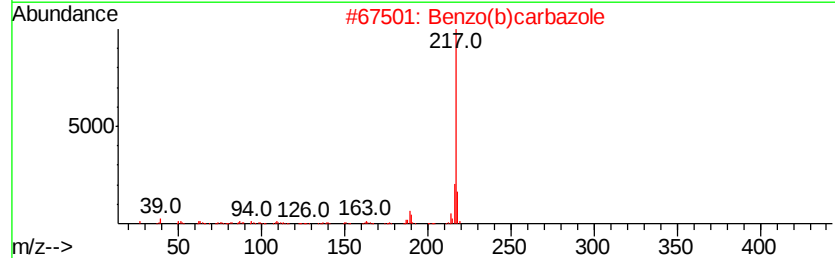
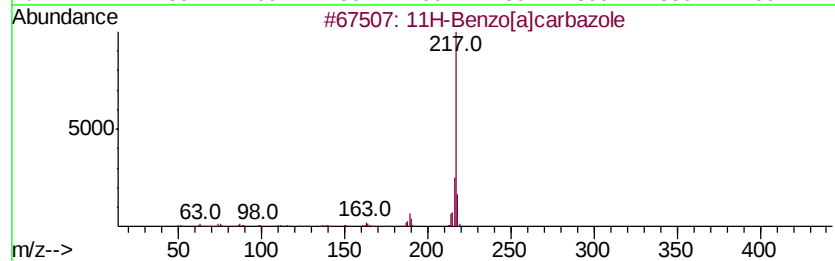
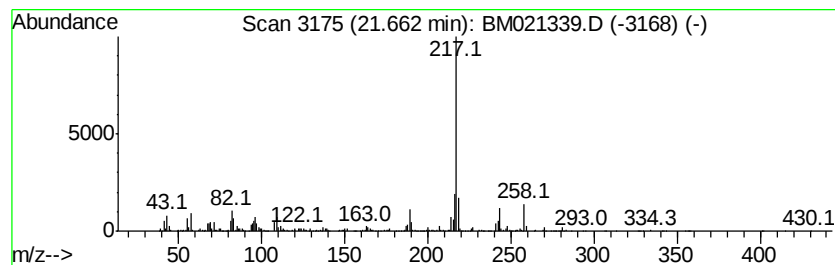
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 11H-Benzo[a]carbazole Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.69 ng/ul	1606340	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	95
2		Benzo(b)carbazole	217	C16H11N	000243-28-7	93
3		7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	90
4		11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	86
5		7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
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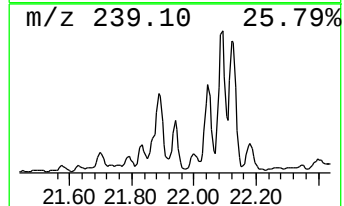
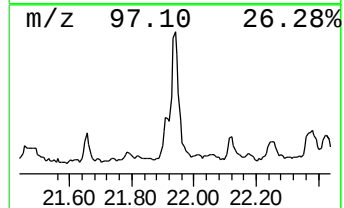
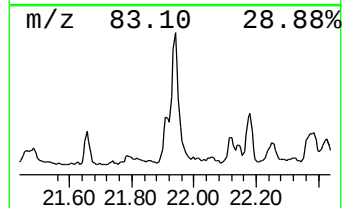
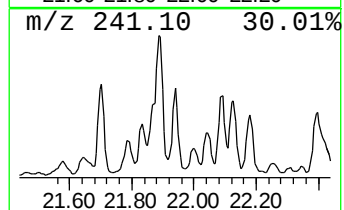
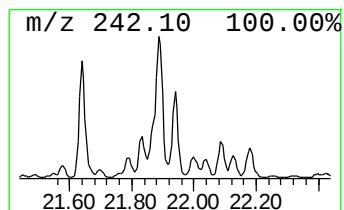
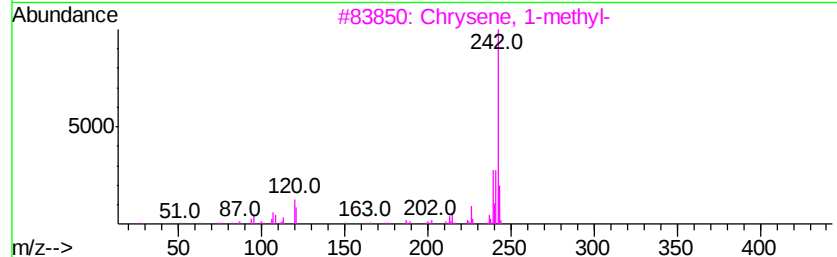
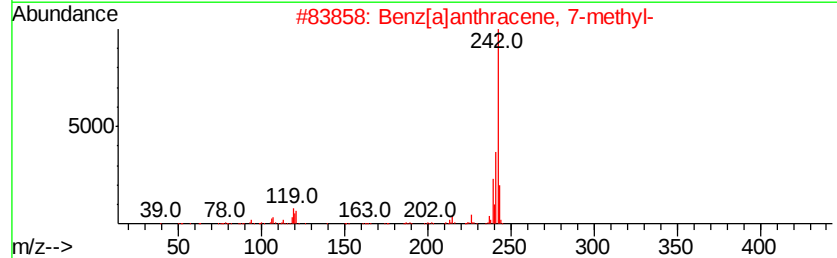
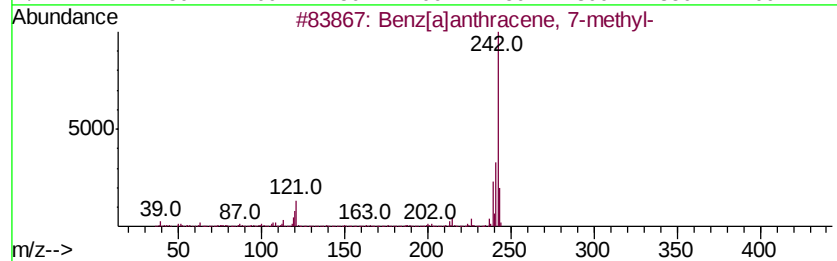
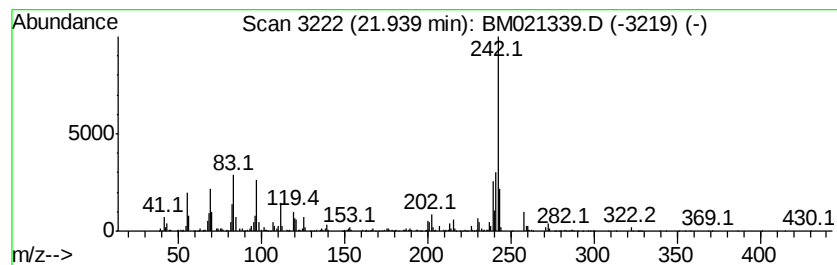
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benz[a]anthracene, 7-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	3.52 ng/ul	2102470	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	70
3		Chrysene, 1-methyl-	242	C19H14	003351-28-8	64
4		Chrysene, 2-methyl-	242	C19H14	003351-32-4	64
5		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	64



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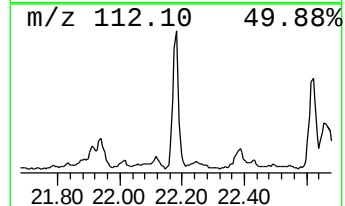
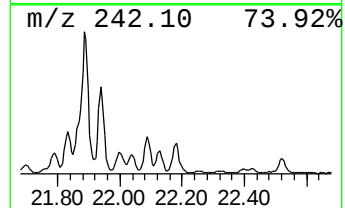
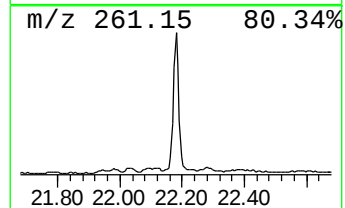
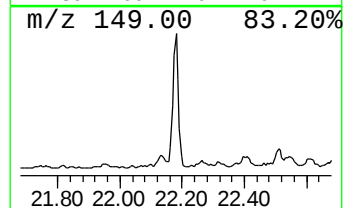
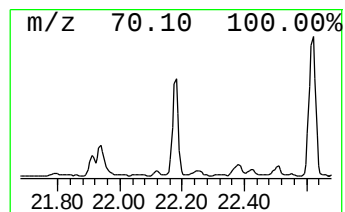
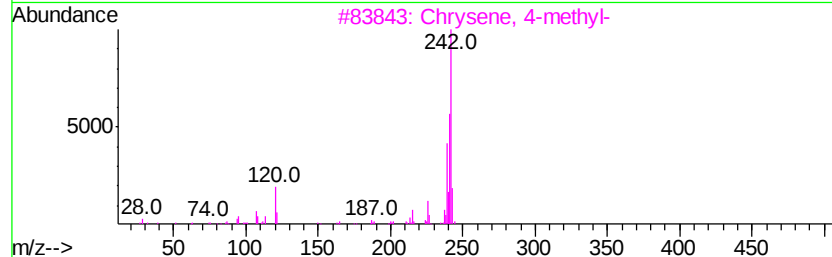
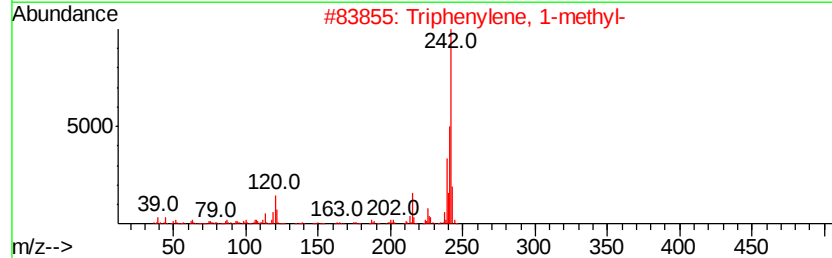
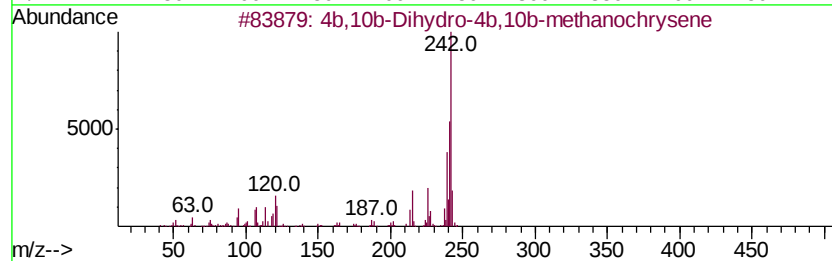
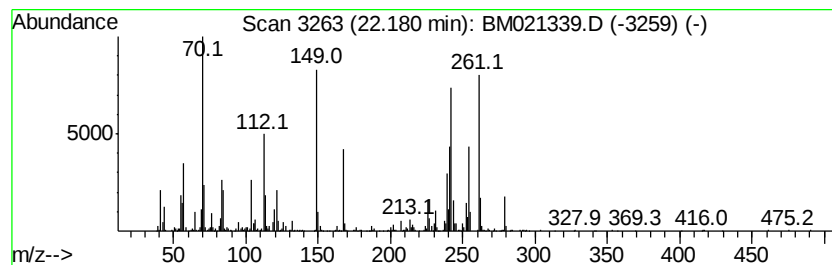
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 4b,10b-Dihydro-4b,10b-metha... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	2.20 ng/ul	1314750	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,10b-Dihydro-4b,10b-methanochr...	242	C19H14	071949-03-6	53
2		Triphenylene, 1-methyl-	242	C19H14	002871-91-2	44
3		Chrysene, 4-methyl-	242	C19H14	003351-30-2	25
4		Benzo[cl]phenanthrene, 1-methyl-	242	C19H14	004076-39-5	25
5		Chrysene, 6-methyl-	242	C19H14	003697-24-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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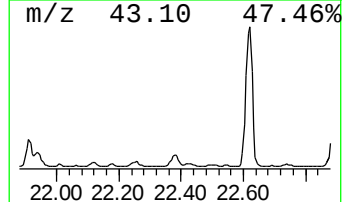
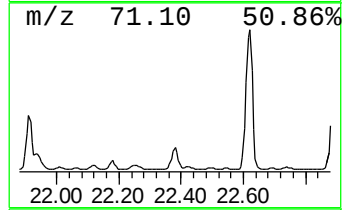
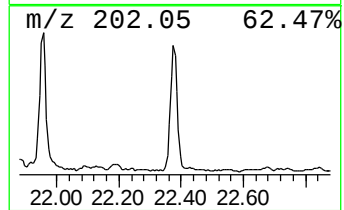
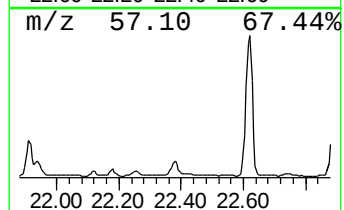
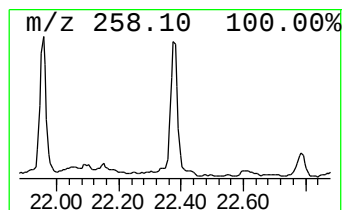
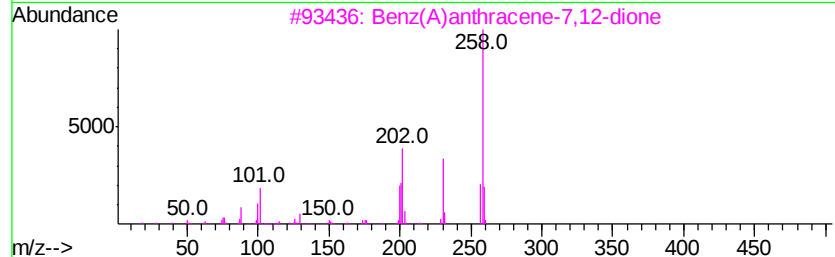
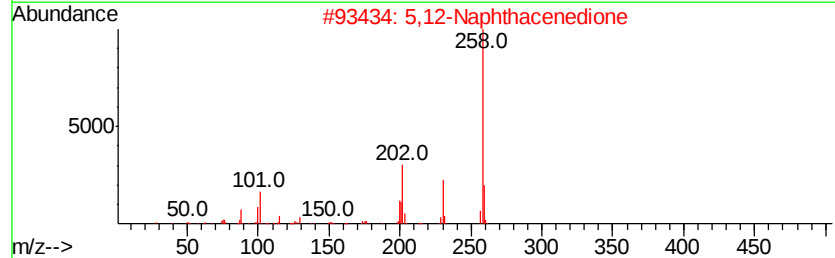
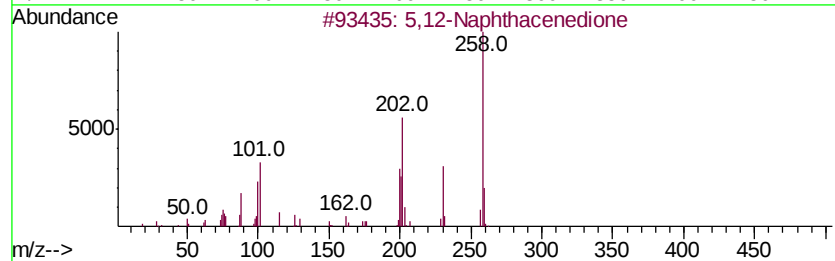
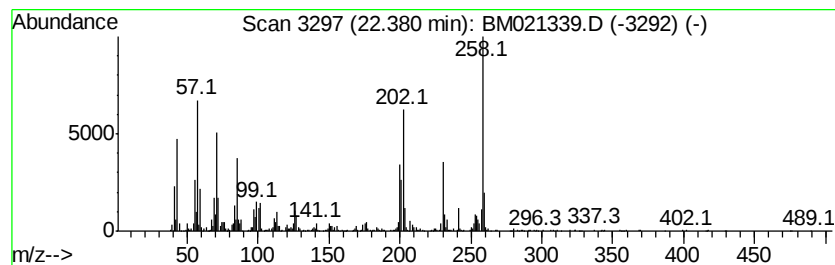
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 5,12-Naphthacenedione Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	2.68 ng/ul	1599900	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	96
2		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
3		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	91
4		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	83
5		1,2,3,10,11,12-Hexahydروperylene	258	C20H18	007350-92-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Misc :
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Instrument :
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ClientSampleId :
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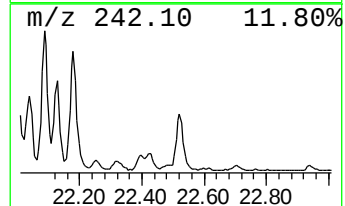
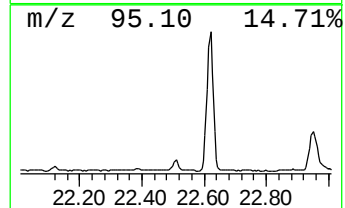
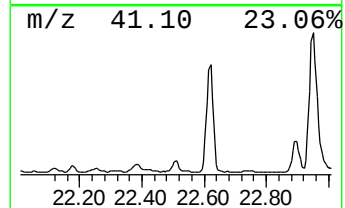
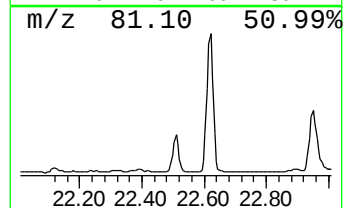
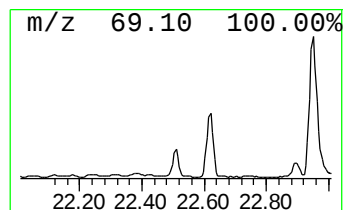
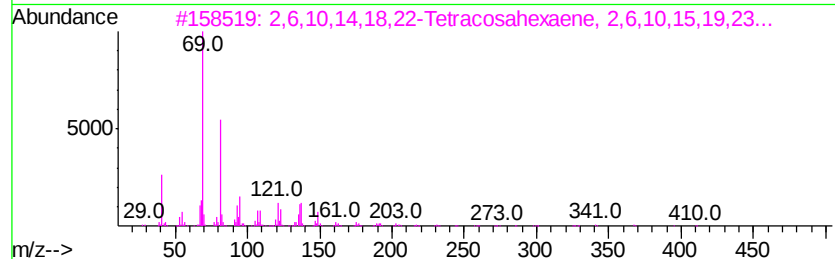
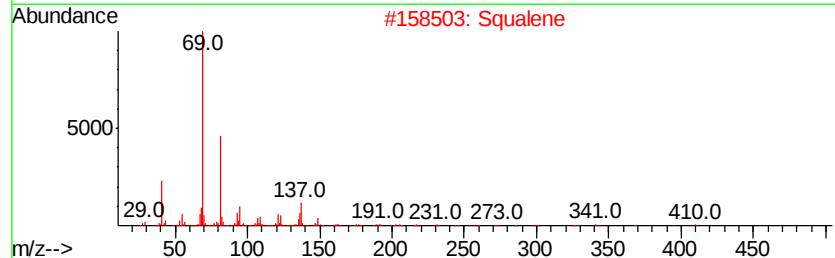
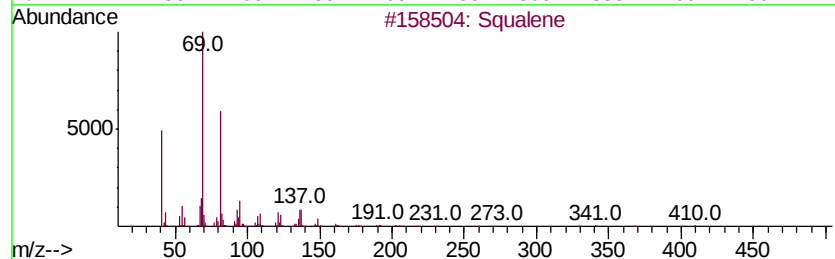
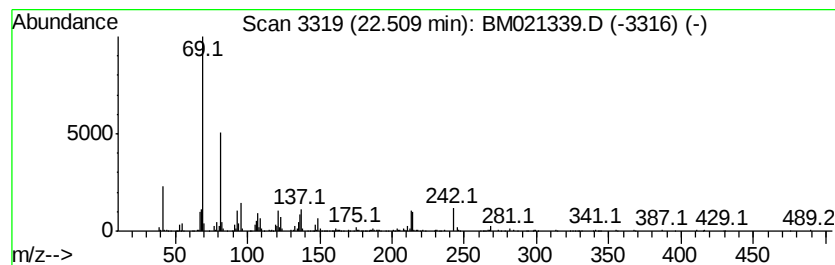
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Squalene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	4.21 ng/ul	538893	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	99
2		Squalene	410	C30H50	007683-64-9	97
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	94
4		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	64
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
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Acq On : 02 Jul 2019 12:45
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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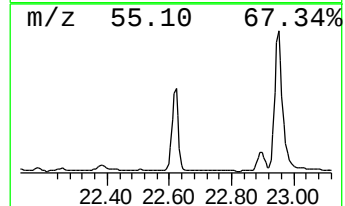
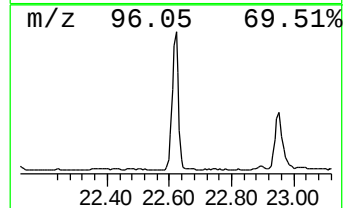
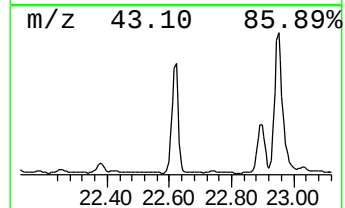
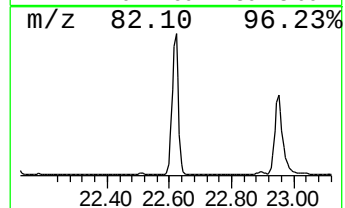
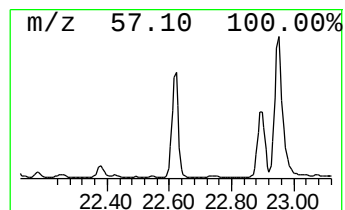
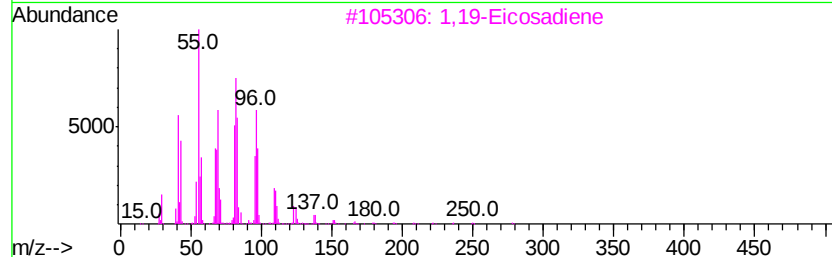
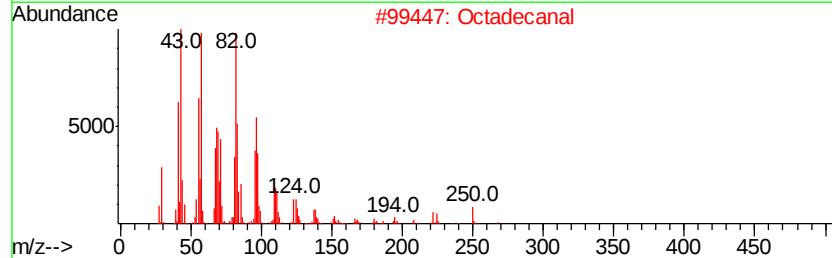
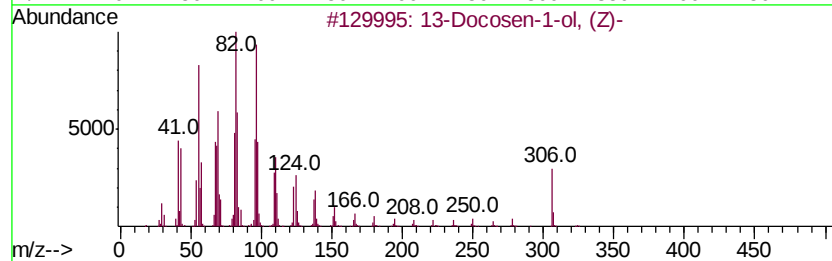
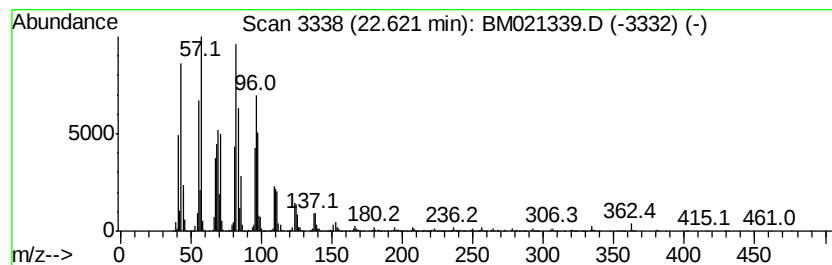
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 13-Docosen-1-ol, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	79.84 ng/ul	10227100	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		Octadecanal	268	C18H36O	000638-66-4	94
3		1,19-Eicosadiene	278	C20H38	014811-95-1	94
4		Tetradecanal	212	C14H28O	000124-25-4	94
5		Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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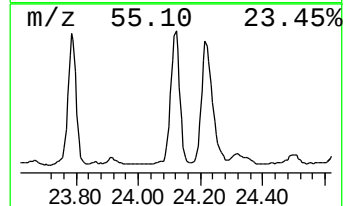
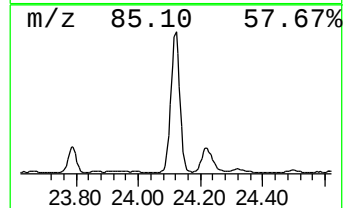
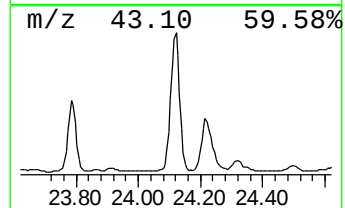
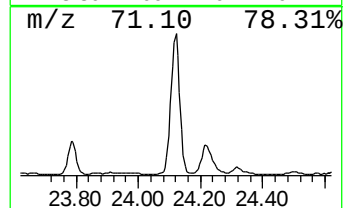
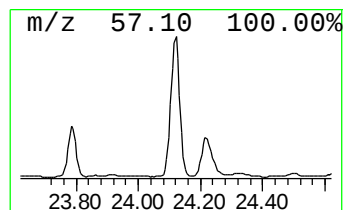
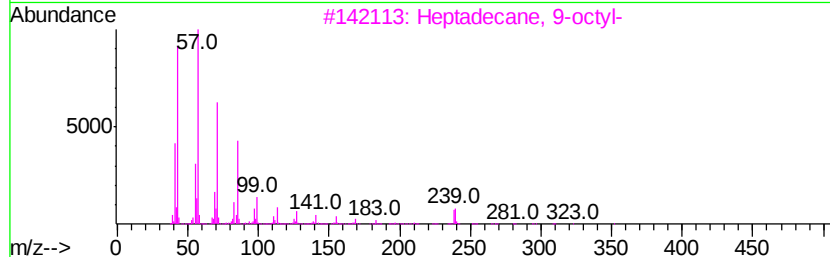
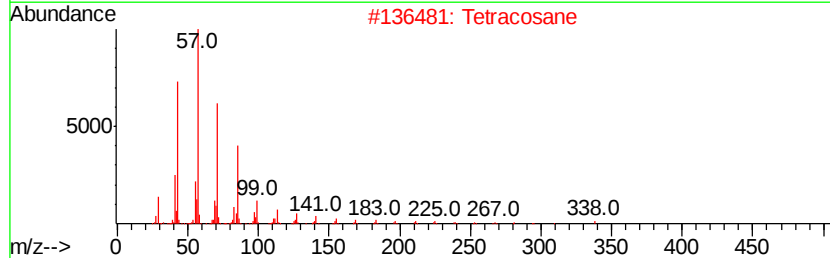
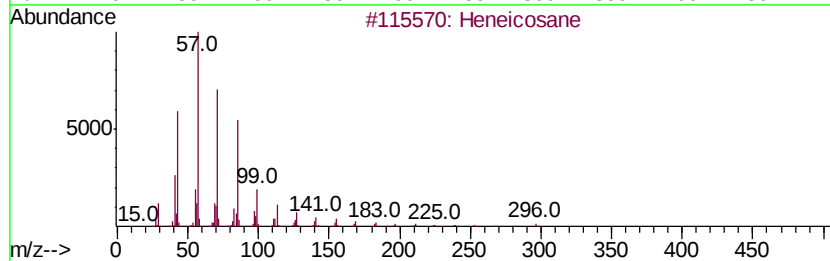
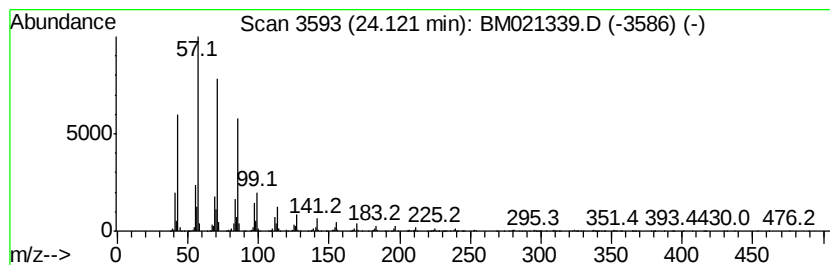
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	58.74 ng/ul	7524480	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Tetracosane	338	C24H50	000646-31-1	97
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
5		Tetracosane	338	C24H50	000646-31-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
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Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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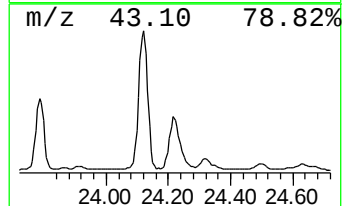
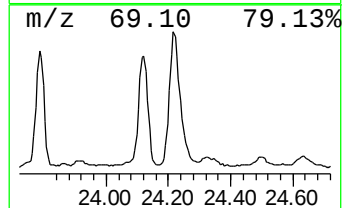
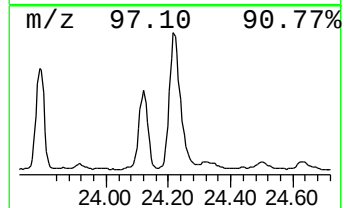
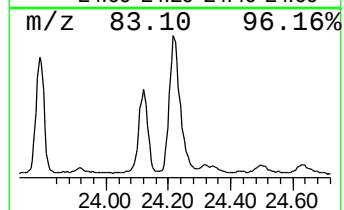
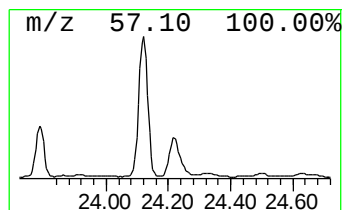
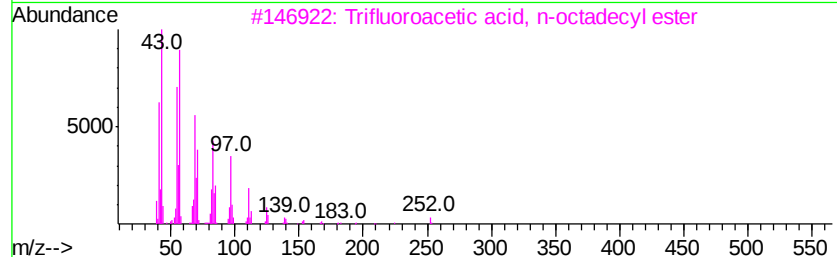
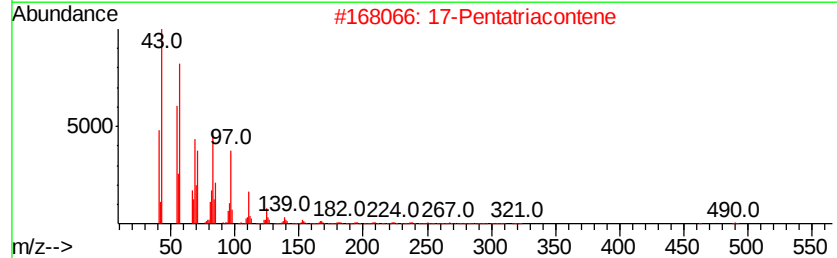
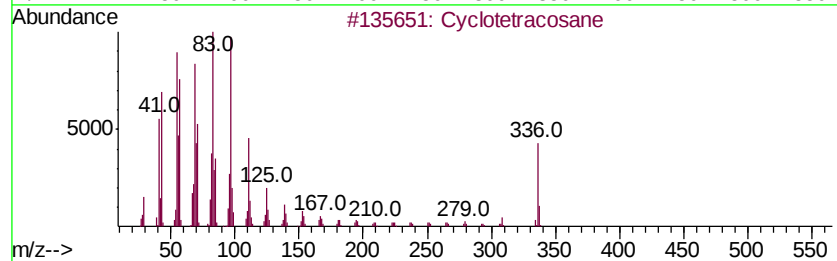
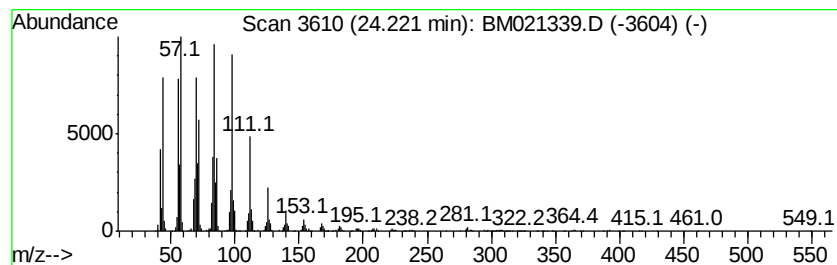
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Cyclic24.22 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	33.13 ng/ul	4244160	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	90
4		1-Docosene	308	C22H44	001599-67-3	76
5		17-Pentatriacontene	491	C35H70	006971-40-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
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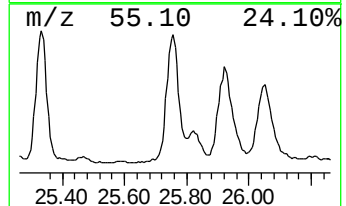
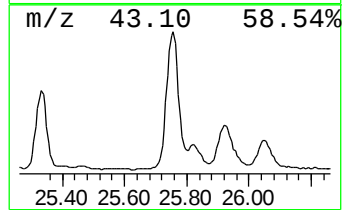
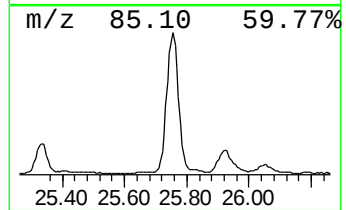
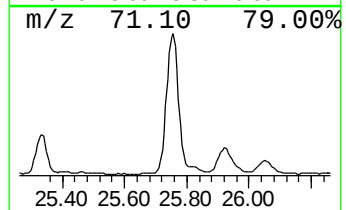
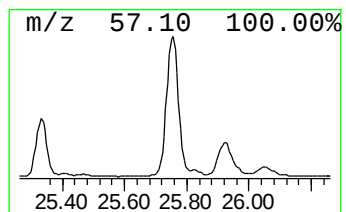
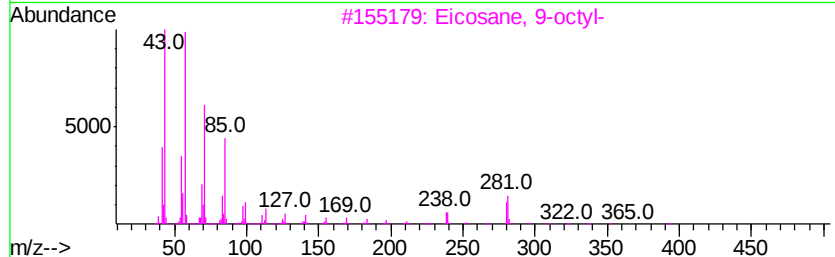
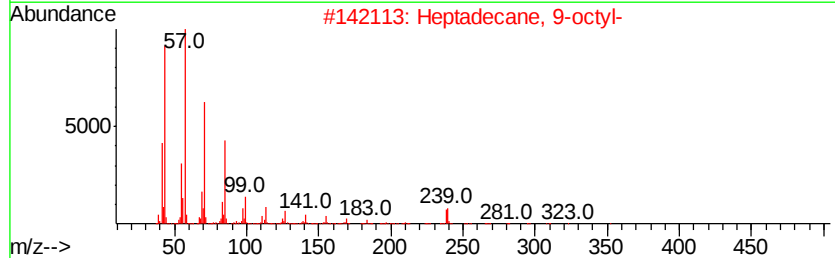
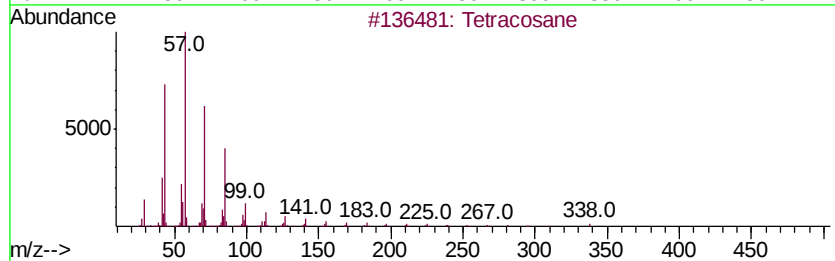
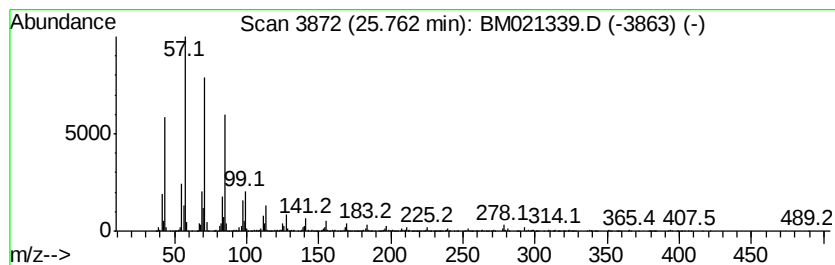
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	50.08 ng/ul	6414660	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Hexacosane, 9-octyl-	479	C34H70	055429-83-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

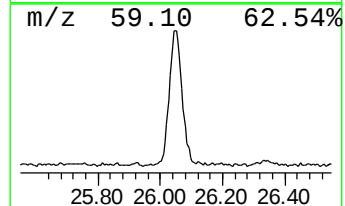
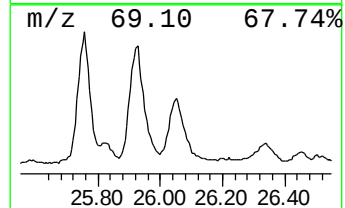
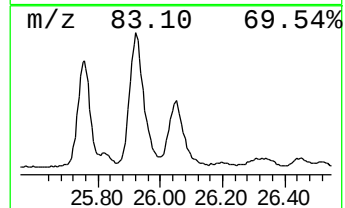
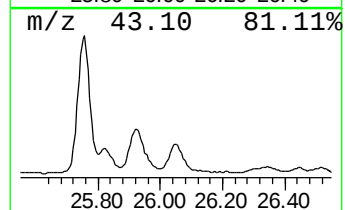
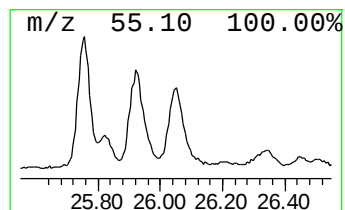
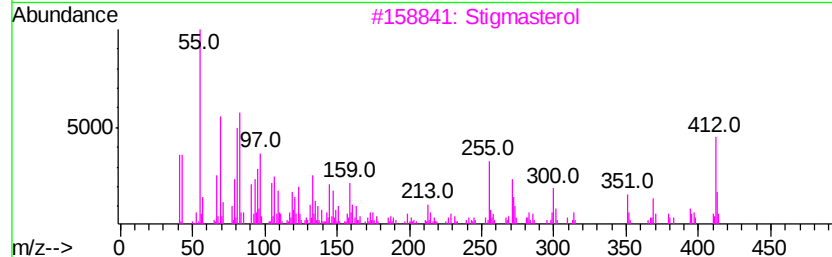
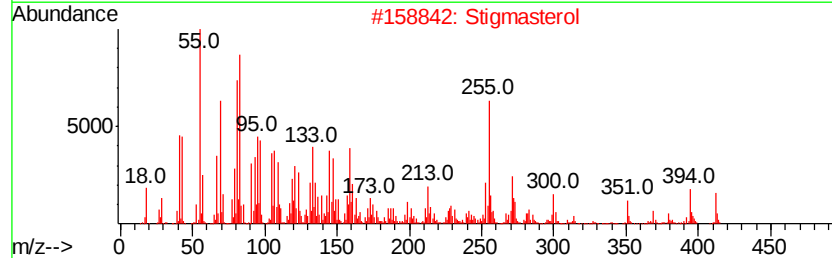
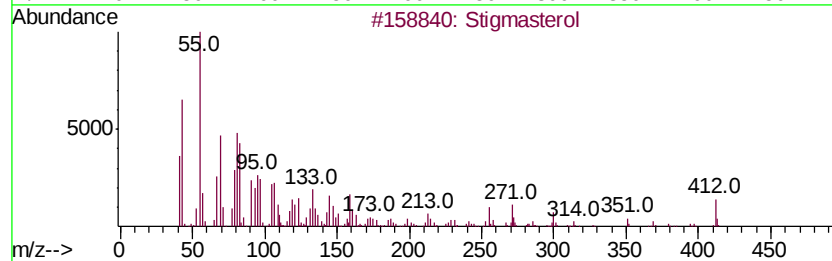
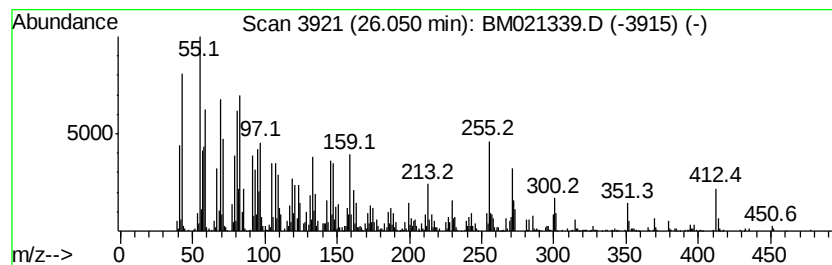
Instrument :
BNA_M
ClientSampleId :
C5BC8

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 44 Stigmasterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	28.73 ng/ul	3680590	Perylene-d12	23.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Stigmasterol	412 C29H48O	000083-48-7	95
2	Stigmasterol	412 C29H48O	000083-48-7	89
3	Stigmasterol	412 C29H48O	000083-48-7	74
4	Cholesta-6,22,24-triene, 4,4-dim...	394 C29H46	1000128-66-9	55
5	Stigmasta-5,22-dien-3-ol, acetat...	454 C31H50O2	004651-48-3	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021339.D
Acq On : 02 Jul 2019 12:45
Operator : HP/JU
Sample : K3594-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BC8

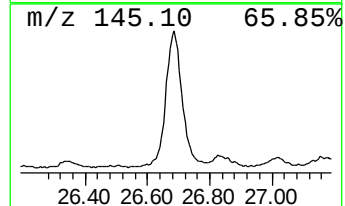
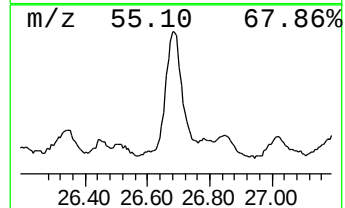
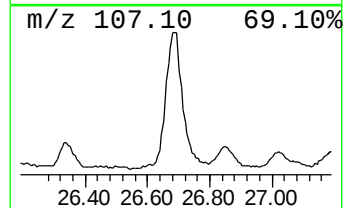
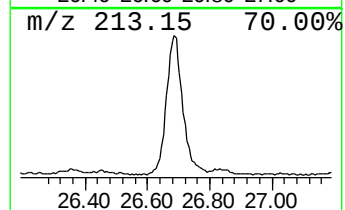
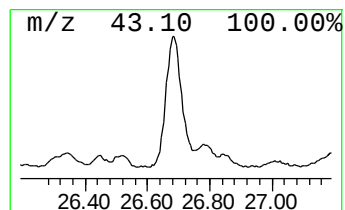
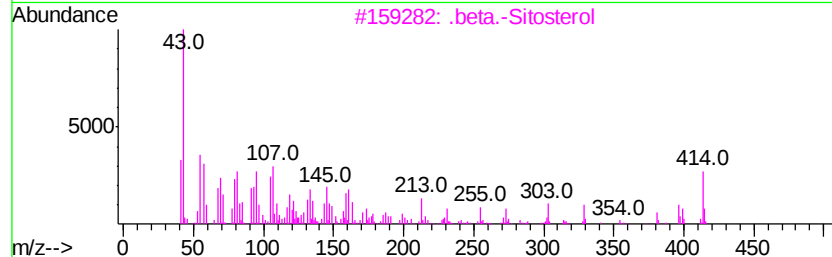
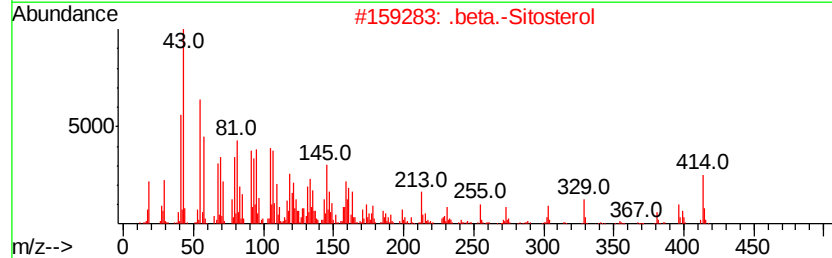
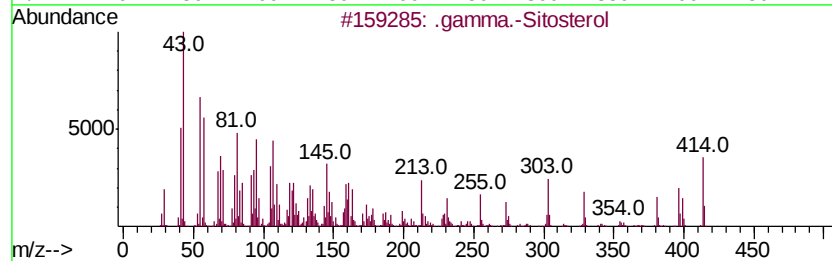
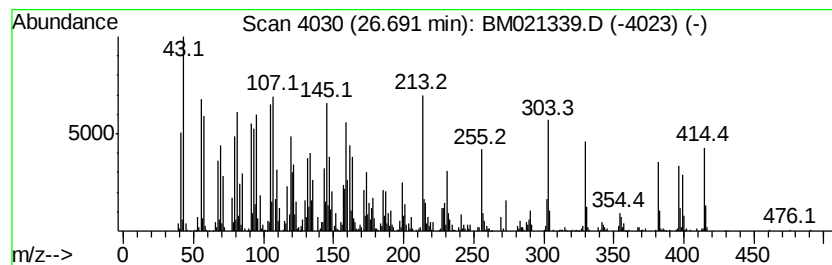
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 45 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	62.71 ng/ul	8032610	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	96
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	53
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	49
4		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	11
5		Benzopyrazine, 1,2,3,4-tetrahydr...	303	C16H21N3O3	342390-29-8	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070219\
 Data File : BM021339.D
 Acq On : 02 Jul 2019 12:45
 Operator : HP/JU
 Sample : K3594-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC8

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
Cyclotrisiloxane,...	4.40	6.1	ng/ul	368846	1	7.75	1211530	20.0
Benzyl Alcohol	8.00	4.7	ng/ul	284637	1	7.75	1211530	20.0
2,2,4-Trimethyl-1...	12.73	5.0	ng/ul	623918	3	14.39	2497930	20.0
Propanoic acid, 2...	12.99	4.8	ng/ul	595981	3	14.39	2497930	20.0
(DEL) Alkane: Cyc...	15.95	4.6	ng/ul	515706	4	17.14	2260300	20.0
(DEL) Alkane: Cyc...	16.47	4.8	ng/ul	542754	4	17.14	2260300	20.0
Tetradecanoic acid	16.54	4.4	ng/ul	496808	4	17.14	2260300	20.0
(DEL) Alkane: Cyc...	16.76	4.4	ng/ul	494289	4	17.14	2260300	20.0
unknown-01	16.90	4.0	ng/ul	451503	4	17.14	2260300	20.0
Pentadecanoic acid	17.04	7.8	ng/ul	886875	4	17.14	2260300	20.0
Z-7-Hexadecenoic ...	17.92	12.5	ng/ul	1416390	4	17.14	2260300	20.0
9-Hexadecenoic acid	17.99	31.8	ng/ul	3591920	4	17.14	2260300	20.0
n-Hexadecanoic acid	18.05	71.7	ng/ul	8101820	4	17.14	2260300	20.0
4H-Cyclopenta[def...	18.21	9.7	ng/ul	1096570	4	17.14	2260300	20.0
Phenanthrene, 1-m...	18.24	5.1	ng/ul	572248	4	17.14	2260300	20.0
(DEL) Alkane: Cyc...	18.33	4.5	ng/ul	505821	4	17.14	2260300	20.0
2-Phenylanthracene	18.52	5.0	ng/ul	563589	4	17.14	2260300	20.0
9,10-Anthracenedione	18.57	8.1	ng/ul	914929	4	17.14	2260300	20.0
3-Methyl-1-(pheny...	19.06	2.8	ng/ul	321052	4	17.14	2260300	20.0
Cyclopenta(def)ph...	19.09	5.3	ng/ul	599382	4	17.14	2260300	20.0
Octadecanoic acid	19.32	2.9	ng/ul	1722670	5	21.33	11939300	20.0
Pyrene, 1-methyl-	19.89	2.1	ng/ul	1275140	5	21.33	11939300	20.0
Fluoranthene, 2-m...	20.06	3.8	ng/ul	2267790	5	21.33	11939300	20.0
Benzo[b]naphtho[2...	20.98	2.9	ng/ul	1708520	5	21.33	11939300	20.0
(DEL) Alkane: Cyc...	21.04	5.1	ng/ul	3033740	5	21.33	11939300	20.0
11H-Benzo[a]fluor...	21.12	2.9	ng/ul	1699750	5	21.33	11939300	20.0
Cyclopenta(cd)pyr...	21.49	2.4	ng/ul	1416880	5	21.33	11939300	20.0
11H-Benzo[a]carba...	21.66	2.7	ng/ul	1606340	5	21.33	11939300	20.0
Benz[a]anthracene...	21.94	3.5	ng/ul	2102470	5	21.33	11939300	20.0
4b,10b-Dihydro-4b...	22.18	2.2	ng/ul	1314750	5	21.33	11939300	20.0
5,12-Naphthacened...	22.38	2.7	ng/ul	1599900	5	21.33	11939300	20.0
Squalene	22.51	4.2	ng/ul	538893	6	23.61	2561920	20.0
13-Docosen-1-ol, ...	22.62	79.8	ng/ul	10227100	6	23.61	2561920	20.0
(DEL) Alkane: Str...	24.12	58.7	ng/ul	7524480	6	23.61	2561920	20.0
(DEL) Alkane: Cyc...	24.22	33.1	ng/ul	4244160	6	23.61	2561920	20.0
(DEL) Alkane: Str...	25.76	50.1	ng/ul	6414660	6	23.61	2561920	20.0
Stigmasterol	26.05	28.7	ng/ul	3680590	6	23.61	2561920	20.0
.gamma.-Sitosterol	26.69	62.7	ng/ul	8032610	6	23.61	2561920	20.0