

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
 Data File : BM021361.D
 Acq On : 03 Jul 2019 09:51
 Operator : HP/JU
 Sample : K3594-02DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC8DL

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	4.393	235	239	245	rVB	144269	189622	0.99%	0.112%
2	6.846	652	656	662	rVV	96482	141756	0.74%	0.083%
3	6.922	662	669	680	rVB	418517	745370	3.89%	0.439%
4	7.087	692	697	708	rVB	305386	490110	2.56%	0.289%
5	7.281	724	730	741	rVB	433223	681582	3.55%	0.401%
6	7.746	803	809	816	rBV	777409	1200394	6.26%	0.707%
7	7.998	847	852	856	rBV	80753	142487	0.74%	0.084%
8	8.451	923	929	946	rVV	542612	924228	4.82%	0.544%
9	8.910	1000	1007	1016	rBV	431788	724974	3.78%	0.427%
10	9.622	1121	1128	1137	rBV	357717	604981	3.15%	0.356%
11	10.157	1212	1219	1228	rBV	620007	1056804	5.51%	0.622%
12	10.534	1276	1283	1289	rBV	1126944	1867350	9.74%	1.100%
13	10.681	1302	1308	1321	rBV	205022	412385	2.15%	0.243%
14	12.733	1649	1657	1668	rVV	140715	320370	1.67%	0.189%
15	12.986	1691	1700	1705	rBV	206484	325550	1.70%	0.192%
16	13.804	1829	1839	1843	rBV	1261990	1827647	9.53%	1.077%
17	13.851	1843	1847	1852	rVB	213564	292826	1.53%	0.172%
18	14.080	1880	1886	1902	rVB	1389927	2103033	10.97%	1.239%
19	14.392	1931	1939	1945	rVV2	1710841	2695129	14.05%	1.587%
20	14.451	1945	1949	1960	rVB	83303	146747	0.77%	0.086%
21	14.610	1969	1976	1986	rBV	321114	603905	3.15%	0.356%
22	15.180	2069	2073	2076	rVV	118883	160025	0.83%	0.094%
23	15.386	2102	2108	2114	rVV	1951787	2699468	14.08%	1.590%
24	15.516	2125	2130	2136	rBV	353834	514287	2.68%	0.303%
25	15.945	2197	2203	2211	rVB3	140559	282175	1.47%	0.166%
26	16.468	2286	2292	2300	rVB4	165628	296950	1.55%	0.175%
27	16.539	2300	2304	2309	rBV	173572	229143	1.19%	0.135%
28	16.763	2337	2342	2346	rBV2	134448	266762	1.39%	0.157%
29	16.892	2356	2364	2369	rBV4	109355	258491	1.35%	0.152%
30	17.033	2384	2388	2395	rBV	252916	386956	2.02%	0.228%
31	17.098	2395	2399	2401	rBV2	159235	185600	0.97%	0.109%
32	17.139	2401	2406	2410	rBV2	2010146	2784177	14.52%	1.640%
33	17.180	2410	2413	2418	rVB	1508626	1977515	10.31%	1.165%
34	17.239	2418	2423	2427	rBV	1818514	2602272	13.57%	1.533%

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35	17.521	2467	2471	2485	rBV2	303503	788184	4.11%	0.464%
36	17.915	2532	2538	2544	rBV	408397	666769	3.48%	0.393%
37	17.980	2544	2549	2553	rVV	1309092	1832430	9.56%	1.079%
38	18.039	2554	2559	2567	rVV2	2933072	4755134	24.80%	2.801%
39	18.104	2567	2570	2574	rVV	184184	308347	1.61%	0.182%
40	18.145	2574	2577	2582	rVV	87768	146404	0.76%	0.086%
41	18.210	2583	2588	2592	rVV3	395906	687062	3.58%	0.405%
42	18.245	2592	2594	2602	rVB	263969	320697	1.67%	0.189%
43	18.327	2603	2608	2612	rBV2	139847	252378	1.32%	0.149%
44	18.521	2636	2641	2644	rVV	248521	343697	1.79%	0.202%
45	18.568	2644	2649	2657	rVB	370270	561636	2.93%	0.331%
46	18.933	2707	2711	2717	rVV2	104458	226300	1.18%	0.133%
47	19.080	2734	2736	2743	rVB	234279	333532	1.74%	0.196%
48	19.204	2747	2757	2770	rVV	7280919	11428264	59.59%	6.731%
49	19.315	2770	2776	2785	rVV3	580358	1021359	5.33%	0.602%
50	19.404	2787	2791	2794	rVV3	90566	152430	0.79%	0.090%
51	19.445	2795	2798	2802	rVB	116686	156922	0.82%	0.092%
52	19.539	2808	2814	2816	rBV2	2892169	4540219	23.68%	2.674%
53	19.568	2816	2819	2826	rVV	5201657	6498188	33.89%	3.828%
54	19.633	2826	2830	2837	rVB2	231891	335317	1.75%	0.198%
55	19.745	2845	2849	2855	rVB	274854	376113	1.96%	0.222%
56	19.886	2867	2873	2880	rBV3	328848	807282	4.21%	0.476%
57	19.951	2881	2884	2891	rVB	83712	139375	0.73%	0.082%
58	20.027	2891	2897	2898	rBV4	261978	422183	2.20%	0.249%
59	20.062	2898	2903	2908	rVB	871908	1404872	7.33%	0.827%
60	20.156	2915	2919	2923	rBV	514078	675016	3.52%	0.398%
61	20.215	2923	2929	2933	rVV2	386012	725487	3.78%	0.427%
62	20.256	2933	2936	2940	rVB	261982	323896	1.69%	0.191%
63	20.298	2940	2943	2949	rVB2	110126	143790	0.75%	0.085%
64	20.362	2950	2954	2957	rBV	221446	284387	1.48%	0.168%
65	20.404	2957	2961	2965	rVV3	277109	384595	2.01%	0.227%
66	20.809	3026	3030	3036	rVB	545656	700377	3.65%	0.413%
67	20.974	3053	3058	3061	rBV3	750743	1021220	5.33%	0.602%
68	21.015	3061	3065	3066	rVV	538918	675087	3.52%	0.398%
69	21.039	3066	3069	3076	rVV3	732268	1864171	9.72%	1.098%
70	21.109	3077	3081	3088	rVB2	693580	959721	5.00%	0.565%
71	21.215	3096	3099	3100	rBV	176533	192800	1.01%	0.114%

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72	21.233	3100	3102	3108	rVB2	301001	358745	1.87%	0.211%
73	21.315	3110	3116	3122	rBV3	3958792	8696798	45.35%	5.123%
74	21.368	3122	3125	3134	rVB	3655622	4655359	24.28%	2.742%
75	21.480	3140	3144	3151	rVB	635791	869330	4.53%	0.512%
76	21.651	3167	3173	3177	rBV2	600189	978647	5.10%	0.576%
77	21.880	3210	3212	3214	rBV	214793	247387	1.29%	0.146%
78	21.903	3214	3216	3219	rVV2	423811	517414	2.70%	0.305%
79	21.933	3219	3221	3229	rVB2	639559	1076945	5.62%	0.634%
80	22.086	3243	3247	3249	rBV	347537	449689	2.34%	0.265%
81	22.115	3249	3252	3257	rVV3	459605	645714	3.37%	0.380%
82	22.174	3258	3262	3268	rVB2	493426	746578	3.89%	0.440%
83	22.374	3292	3296	3301	rBV4	518797	800915	4.18%	0.472%
84	22.609	3331	3336	3341	rBV	4725625	6441043	33.59%	3.794%
85	22.939	3385	3392	3403	rVB2	7080935	19176594	100.00%	11.295%
86	23.092	3414	3418	3423	rVB	480411	743746	3.88%	0.438%
87	23.403	3465	3471	3476	rBV	2076447	3924844	20.47%	2.312%
88	23.456	3476	3480	3483	rVV	1591343	2769183	14.44%	1.631%
89	23.503	3483	3488	3496	rVV	2565989	4606153	24.02%	2.713%
90	23.597	3499	3504	3509	rVV	1441269	2776969	14.48%	1.636%
91	23.650	3509	3513	3521	rVB2	759350	1488685	7.76%	0.877%
92	23.780	3530	3535	3543	rVB	1802466	3071223	16.02%	1.809%
93	24.109	3585	3591	3602	rVB	2307051	4524977	23.60%	2.665%
94	24.209	3603	3608	3620	rVB2	888836	2035052	10.61%	1.199%
95	24.874	3715	3721	3733	rVB5	644445	1862268	9.71%	1.097%
96	25.321	3791	3797	3808	rVB3	1225986	3065598	15.99%	1.806%
97	25.738	3861	3868	3875	rBV	1389561	3668373	19.13%	2.161%
98	25.891	3887	3894	3909	rVB	1945189	5780865	30.15%	3.405%
99	26.597	4006	4014	4020	rBV	1035626	3217796	16.78%	1.895%
100	26.668	4021	4026	4039	rVB3	1355968	3980479	20.76%	2.345%

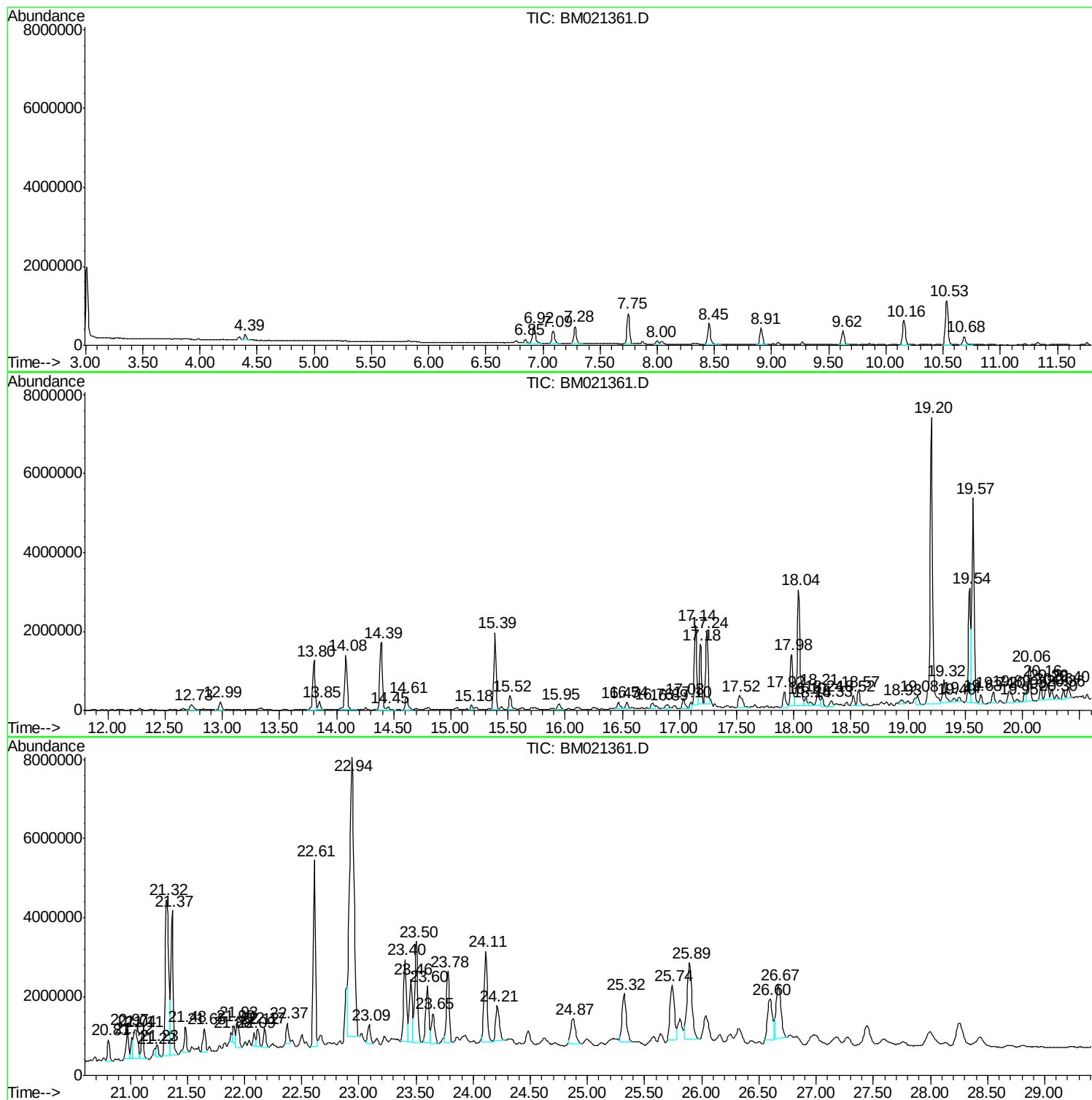
Sum of corrected areas: 169774081

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Instrument :
BNA_M
ClientSampled :
C5BC8DL

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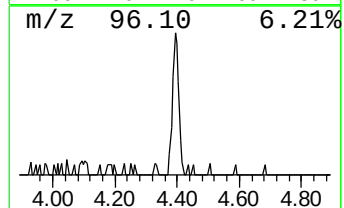
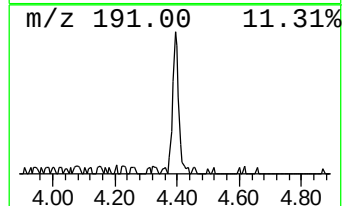
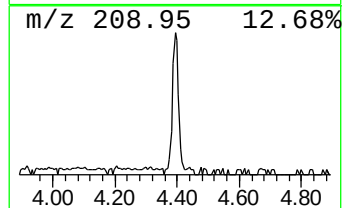
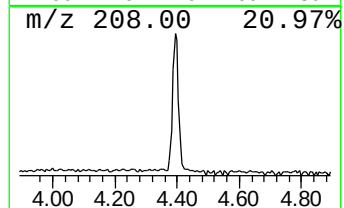
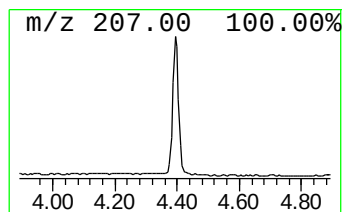
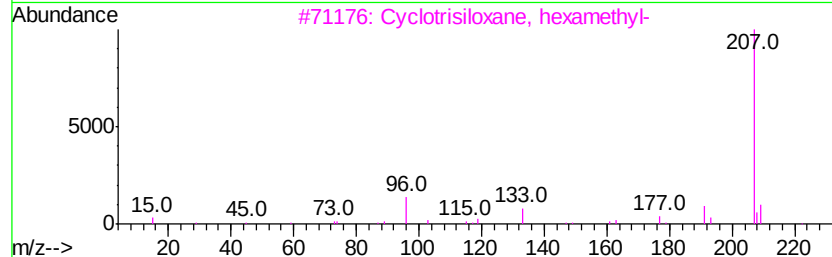
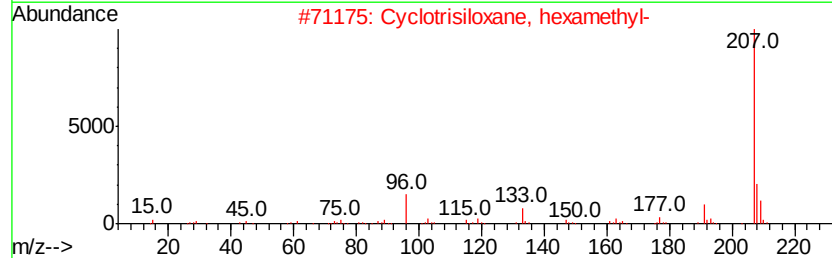
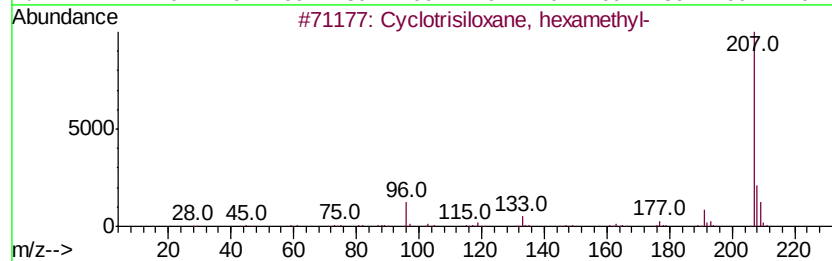
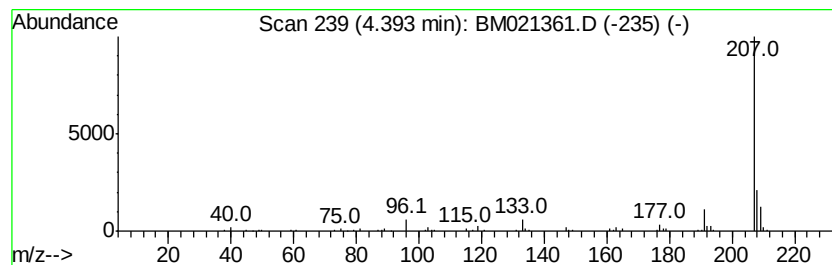
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.16 ng/ul	189622	1,4-Dichlorobenzene-d4	7.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	86
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5			2-Ethylacridine	207	C15H13N	055751-83-2	36



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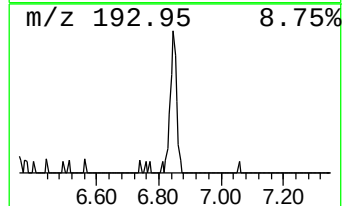
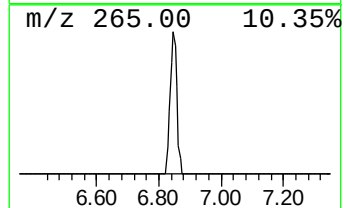
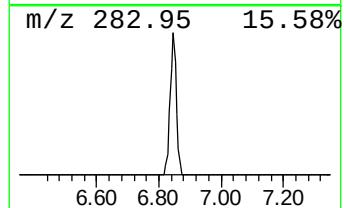
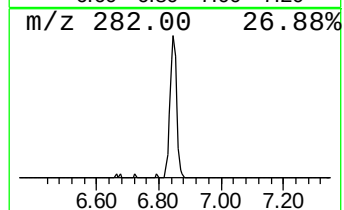
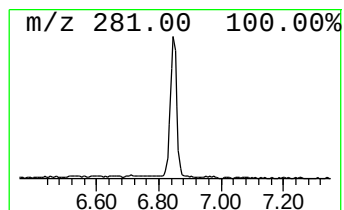
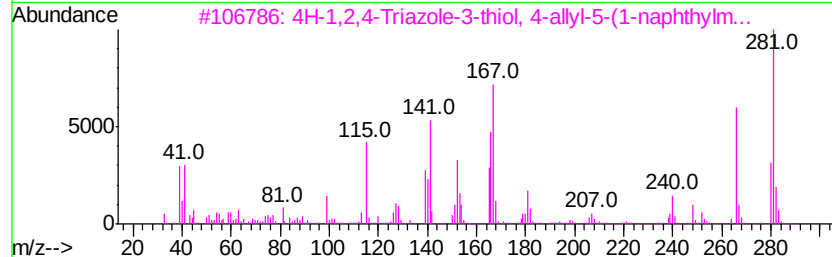
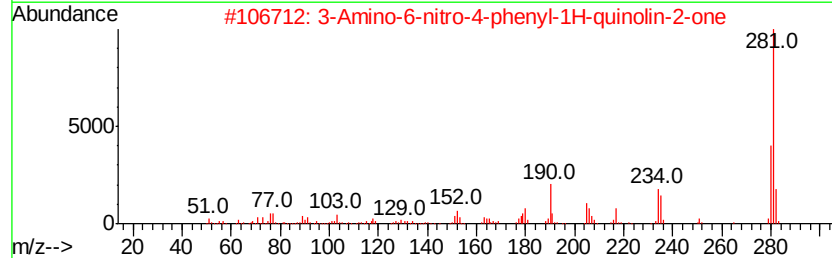
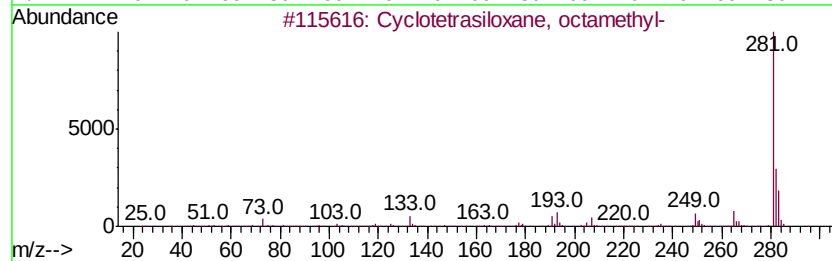
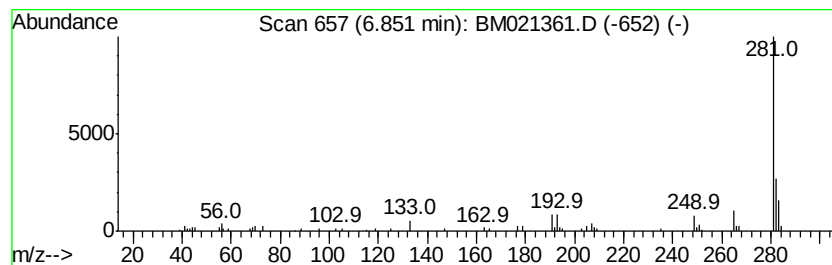
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclotetrasiloxane, octamet... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	2.36 ng/ul	141756	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		3-Amino-6-nitro-4-phenyl-1H-quin...	281	C15H11N3O3	036020-93-6	50
3		4H-1,2,4-Triazole-3-thiol, 4-allyl...	281	C16H15N3S	031803-13-1	50
4		7H-Dibenzo[b,qlcarbazole, 7-methyl-	281	C21H15N	003557-49-1	50
5		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	49



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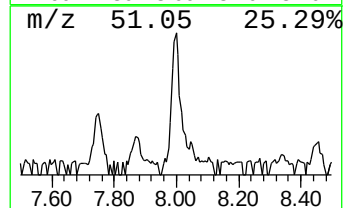
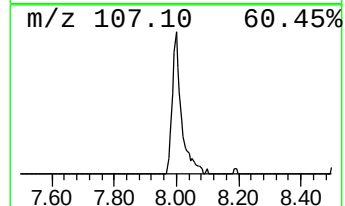
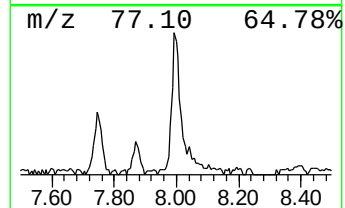
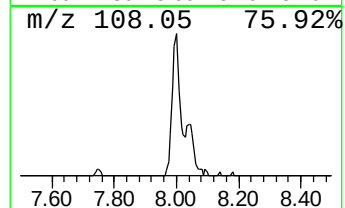
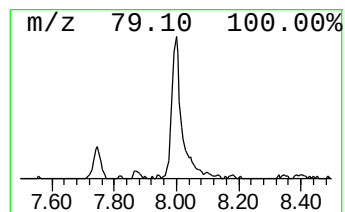
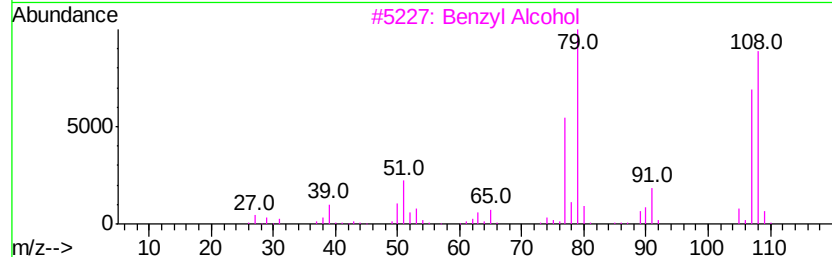
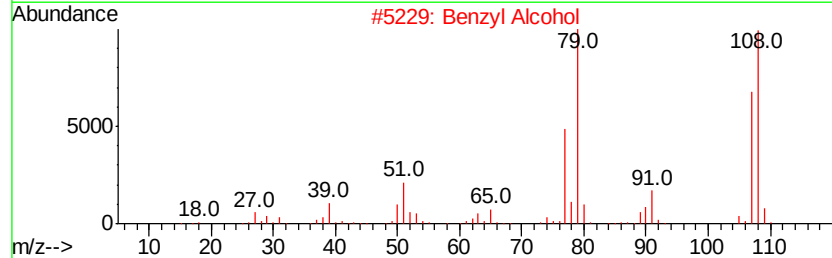
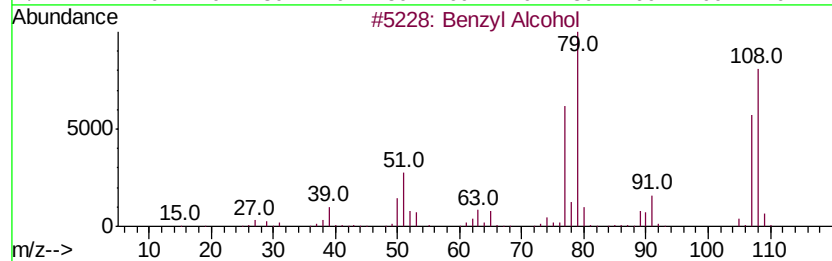
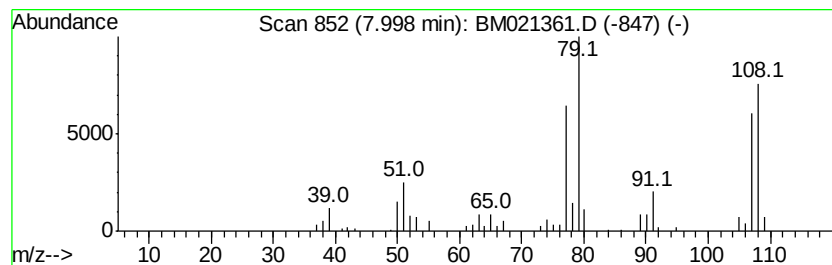
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzyl Alcohol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	2.37 ng/ul	142487	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzyl Alcohol	108	C7H8O	000100-51-6	95
2		Benzyl Alcohol	108	C7H8O	000100-51-6	94
3		Benzyl Alcohol	108	C7H8O	000100-51-6	94
4		N-Benzylloxycarbonyl-L-tyrosine	315	C17H17N05	001164-16-5	91
5		N-Cbz-glycylglycine p-nitropheny...	387	C18H17N3O7	013574-81-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

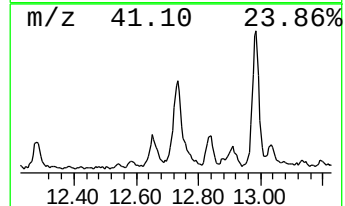
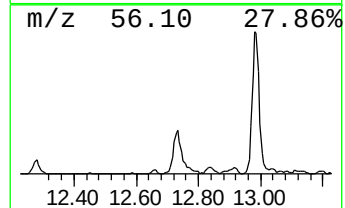
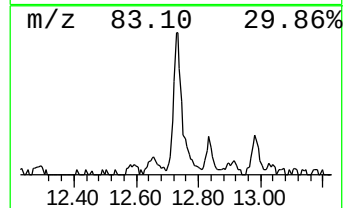
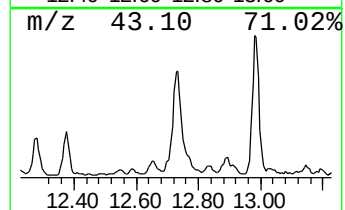
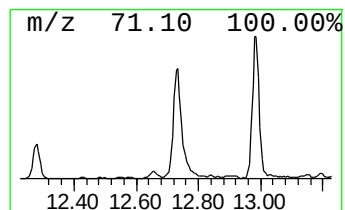
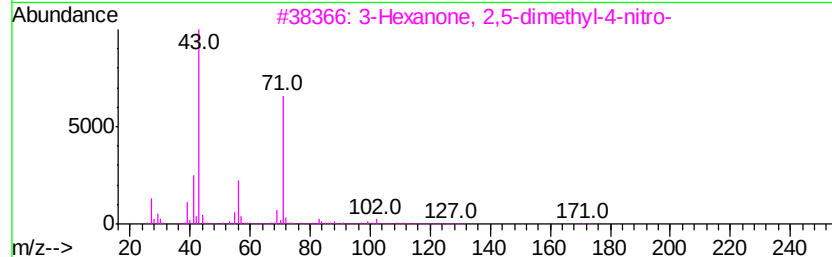
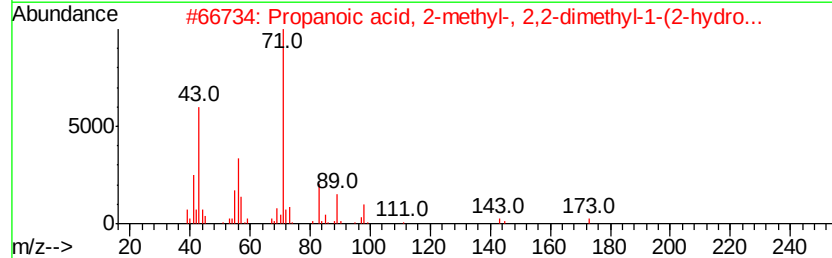
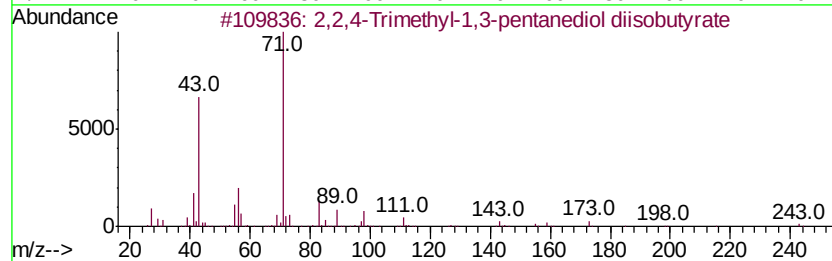
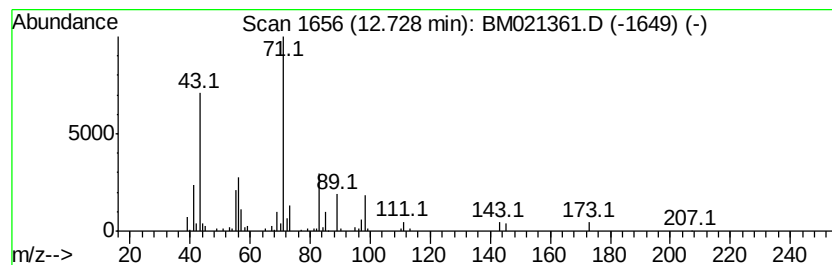
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.38 ng/ul	320370	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	78
2	Propanoic acid, 2-methyl-, 2,2-d...	216 C12H24O3	074367-33-2	64
3	3-Hexanone, 2,5-dimethyl-4-nitro-	173 C8H15NO3	059906-54-6	43
4	Propanoic acid, 2-methyl-, 2-eth...	286 C16H30O4	074367-30-9	38
5	4,5-Octanedione	142 C8H14O2	005455-24-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
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Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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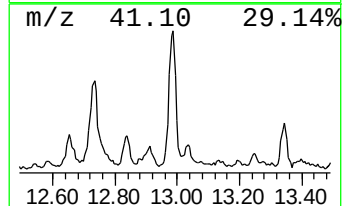
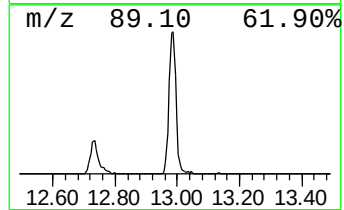
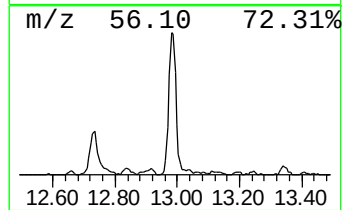
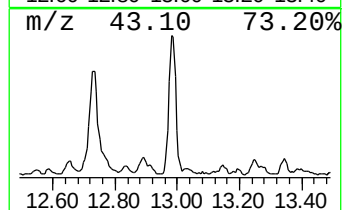
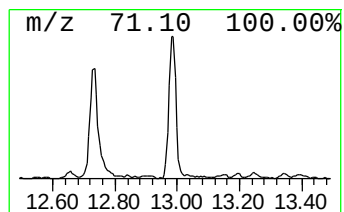
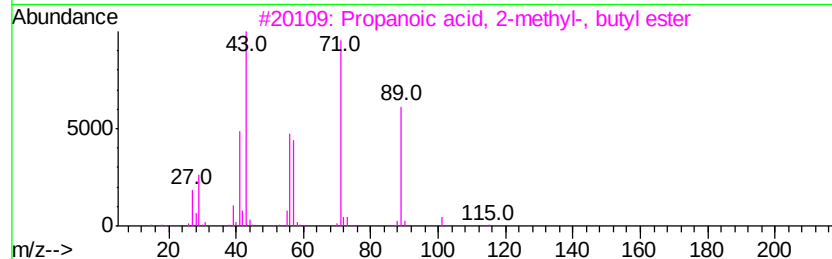
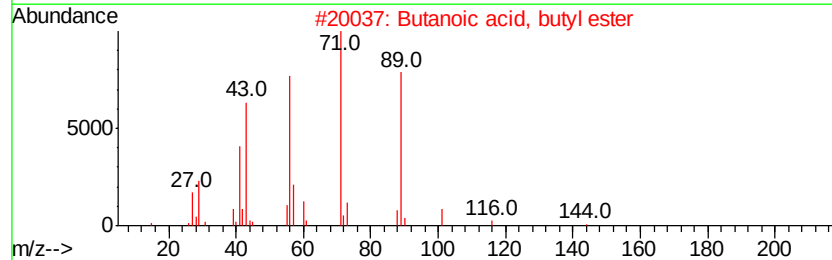
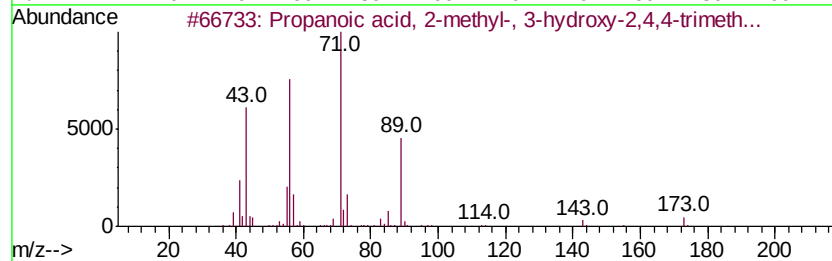
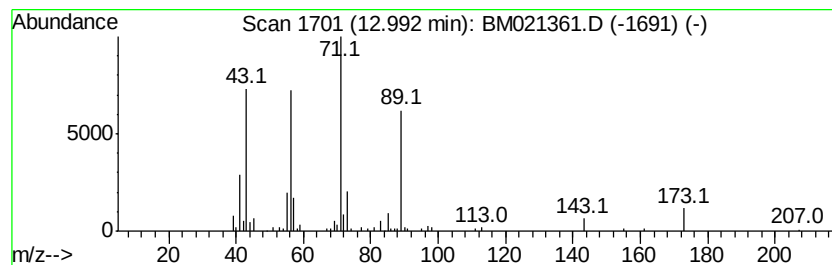
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.42 ng/ul	325550	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	83
3		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	64
4		Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	50
5		Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
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Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

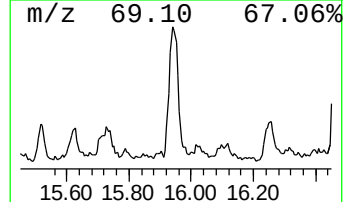
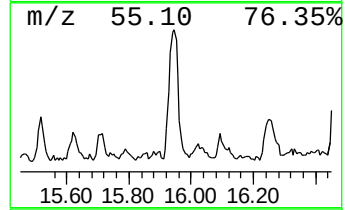
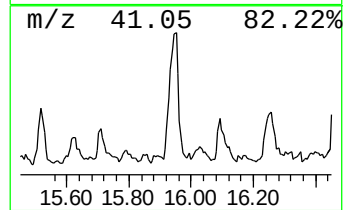
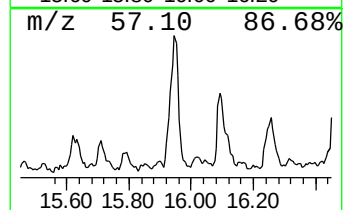
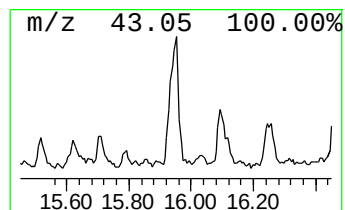
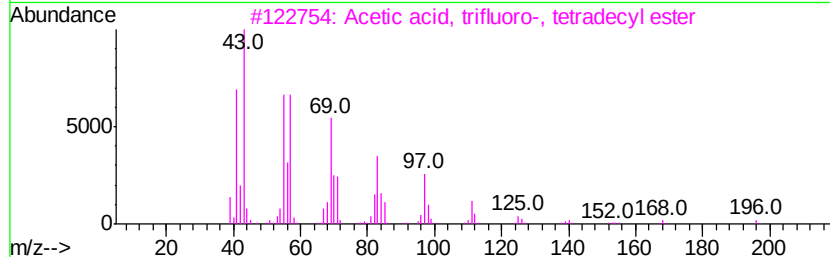
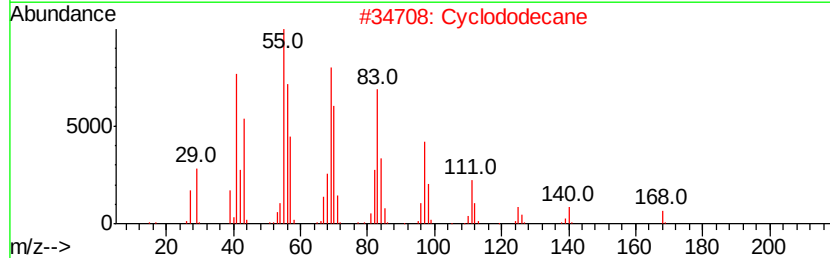
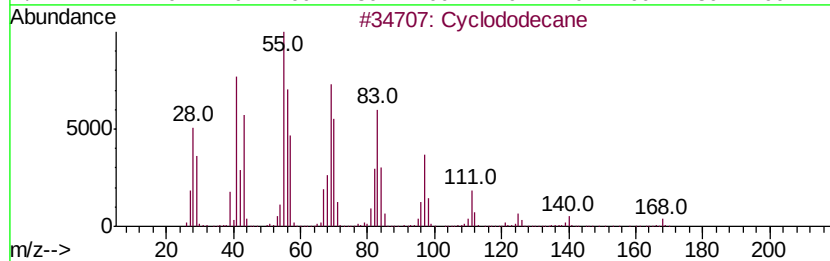
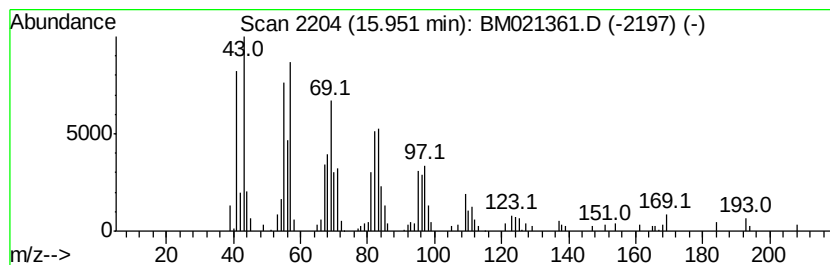
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic15.95 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.95	2.03 ng/ul	282175	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclododecane	168	C12H24	000294-62-2	93
2		Cyclododecane	168	C12H24	000294-62-2	92
3		Acetic acid, trifluoro-, tetradec...	310	C16H29F3O2	006222-02-2	87
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87
5		1-Hexadecanol	242	C16H34O	036653-82-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
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Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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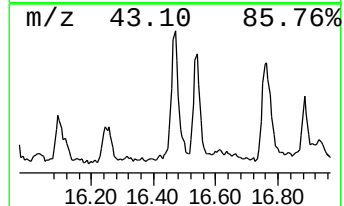
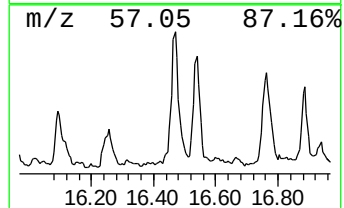
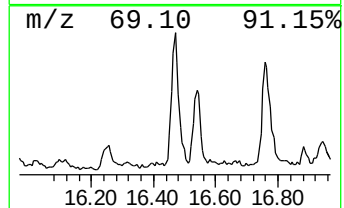
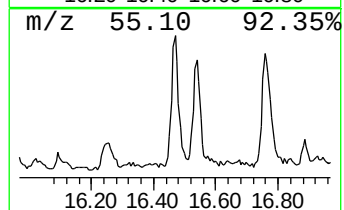
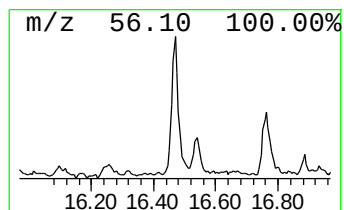
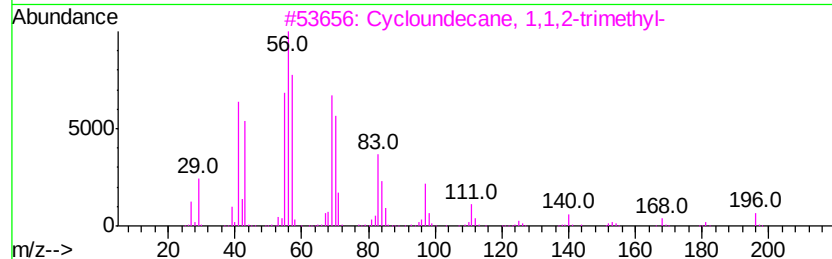
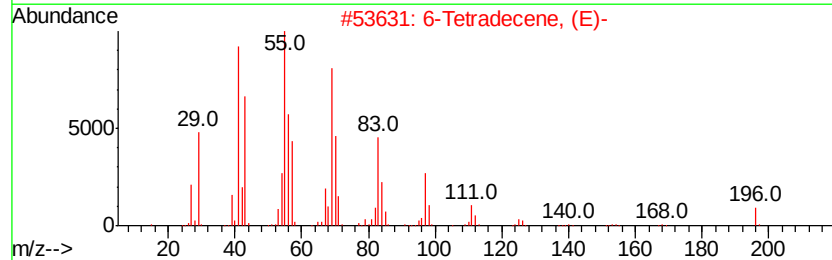
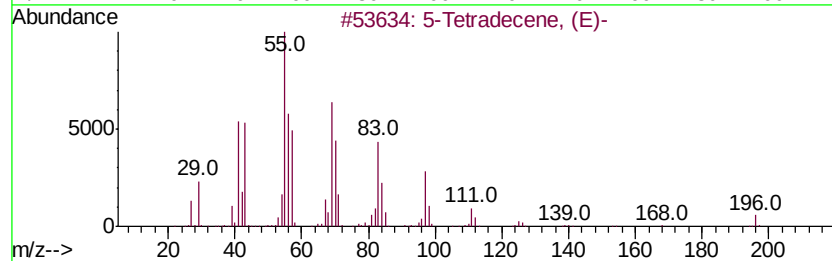
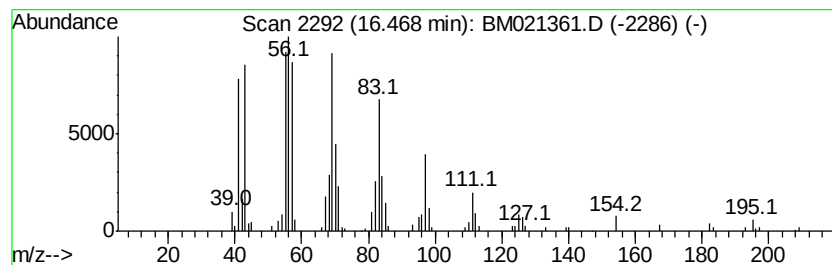
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic16.47 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.13 ng/ul	296950	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Tetradecene, (E)-	196	C14H28	041446-66-6	93
2			6-Tetradecene, (E)-	196	C14H28	041446-64-4	91
3			Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	91
4			7-Tetradecene, (E)-	196	C14H28	041446-63-3	91
5			Cyclotetradecane	196	C14H28	000295-17-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
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Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

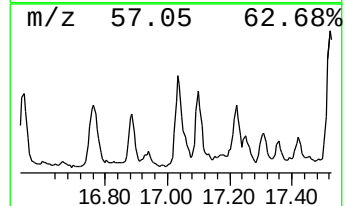
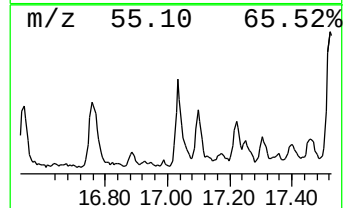
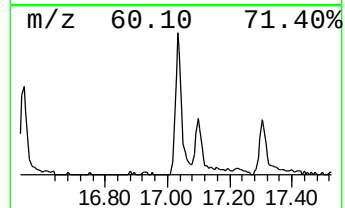
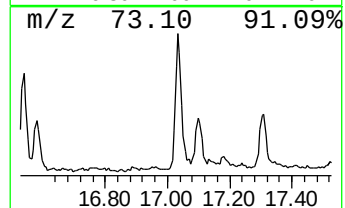
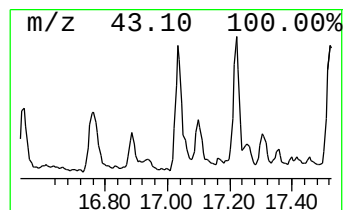
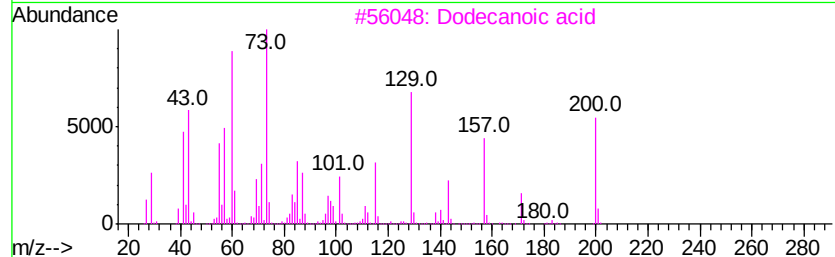
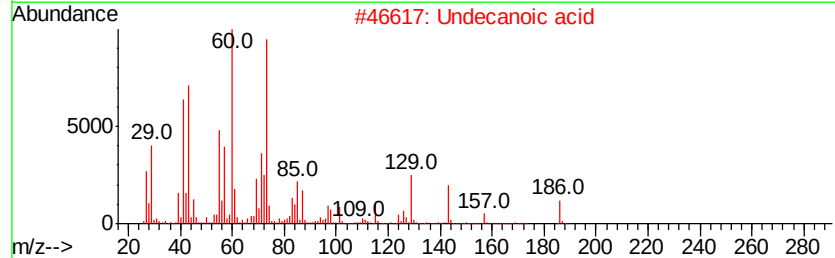
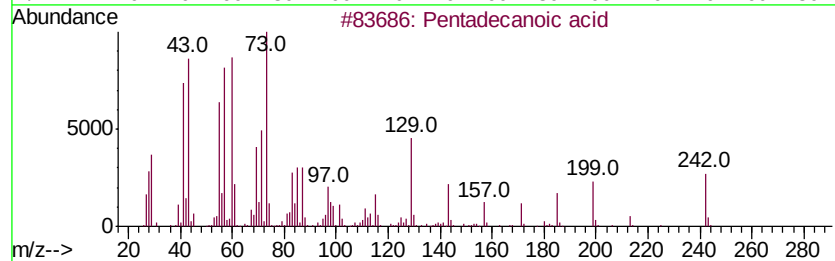
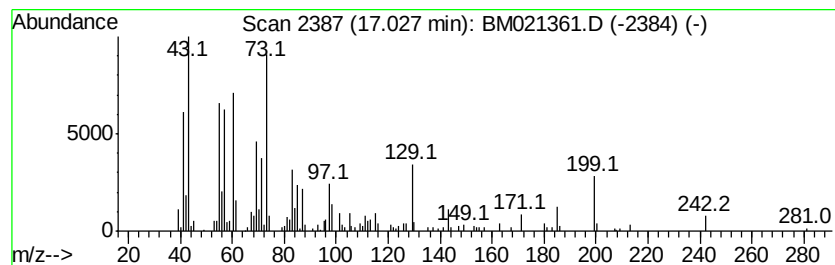
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Pentadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.03	2.78 ng/ul	386956	Phenanthrene-d10		17.14	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2		Undecanoic acid	186	C11H22O2	000112-37-8	64
3		Dodecanoic acid	200	C12H24O2	000143-07-7	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
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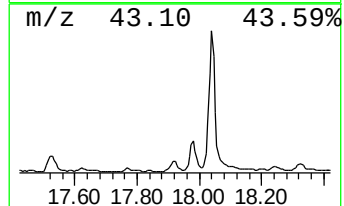
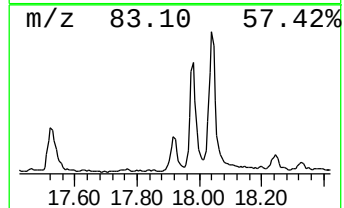
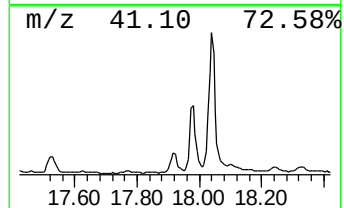
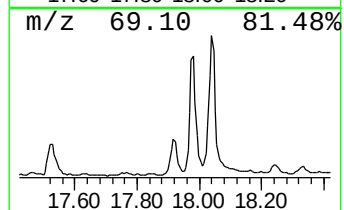
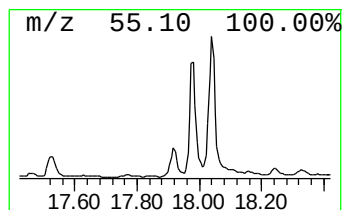
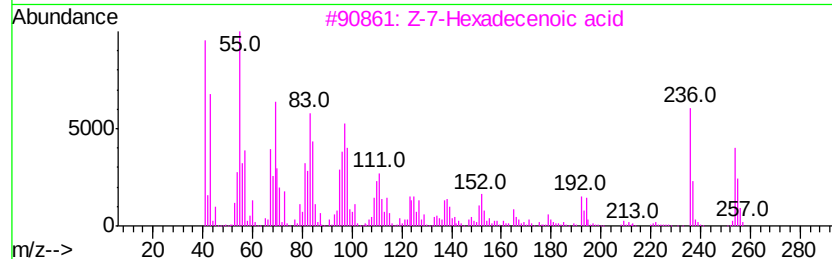
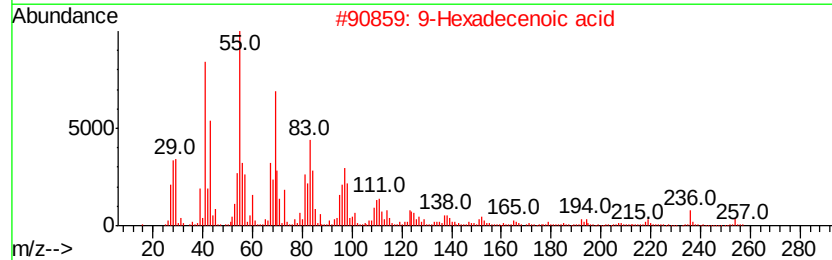
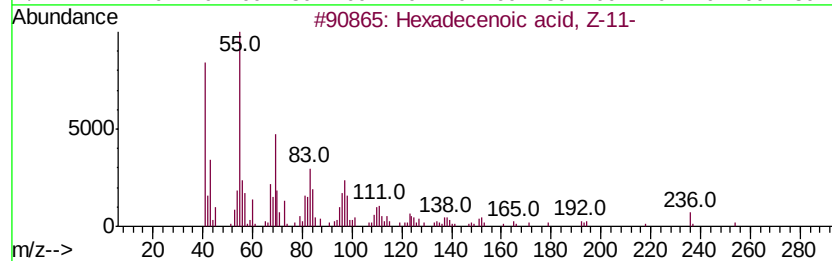
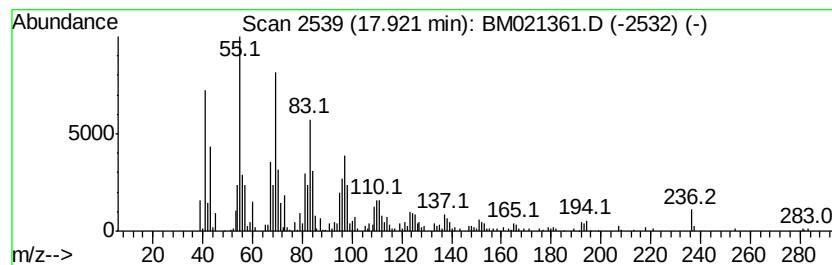
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Hexadecenoic acid, Z-11- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.79 ng/ul	666769	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	78
2		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	70
3		Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	64
4		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	64
5		13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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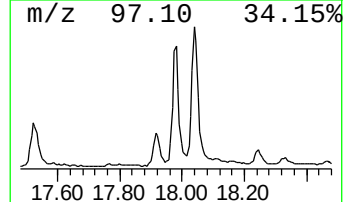
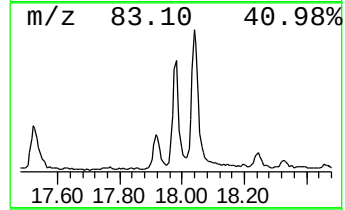
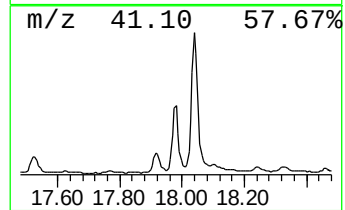
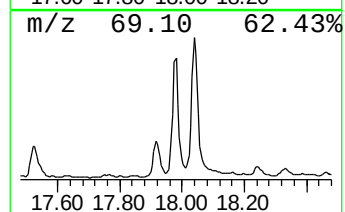
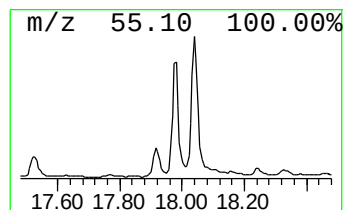
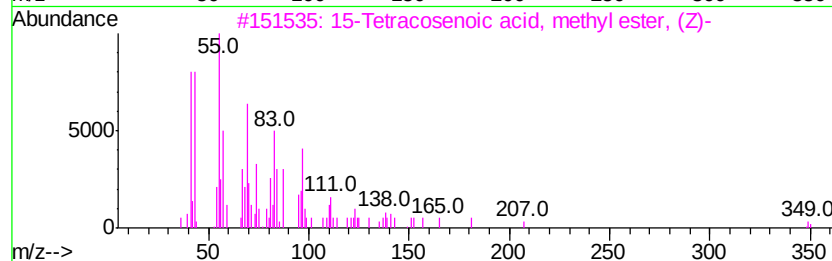
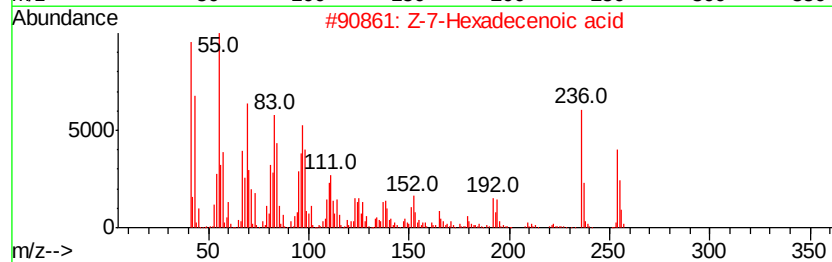
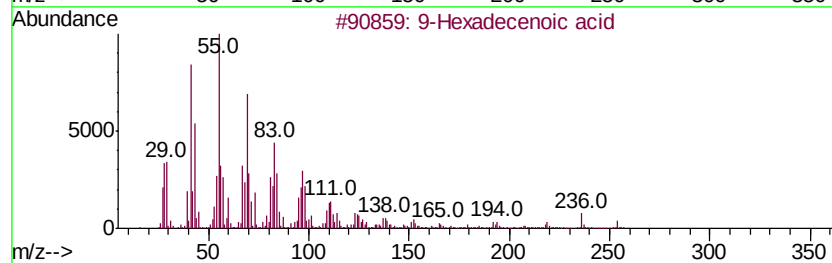
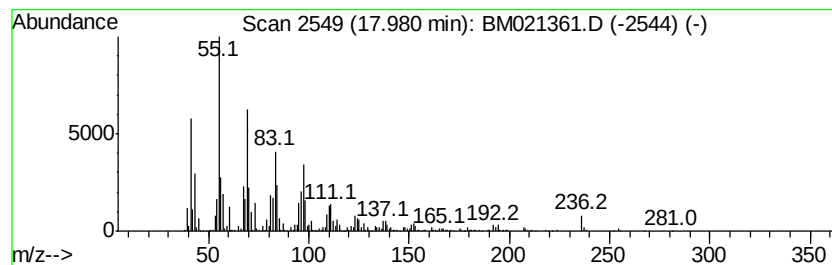
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9-Hexadecenoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	13.16 ng/ul	1832430	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Hexadecenoic acid	254	C16H30O2	002091-29-4	94
2			Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	92
3			15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	91
4			Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	86
5			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C5BC8DL

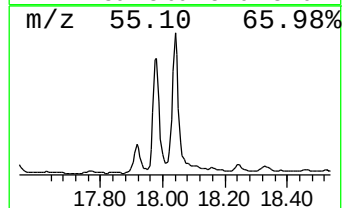
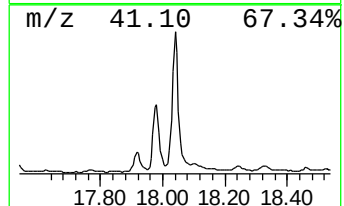
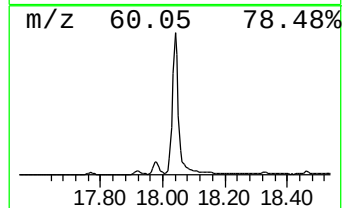
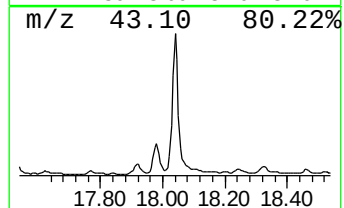
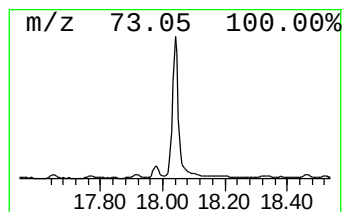
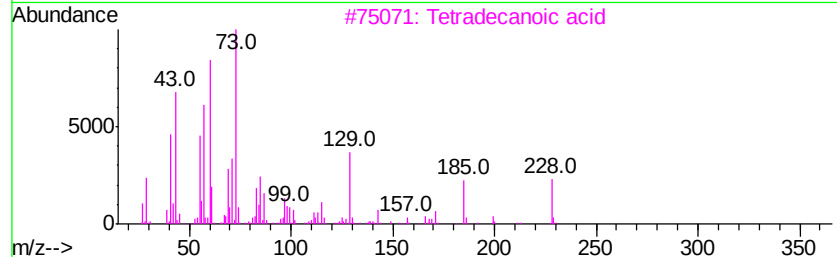
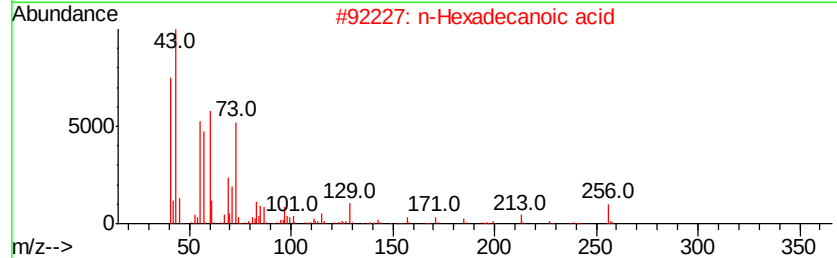
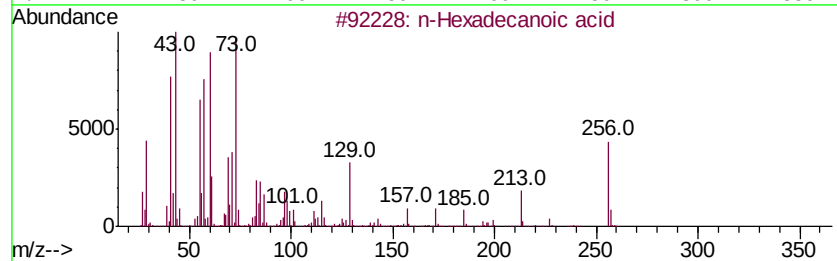
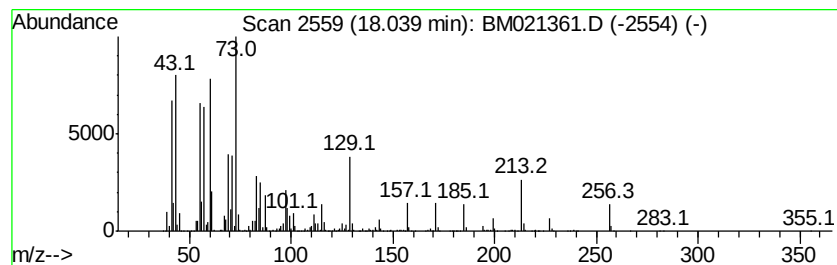
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	34.16 ng/ul	4755130	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	89
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
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Sample : K3594-02DL 2X
Misc :
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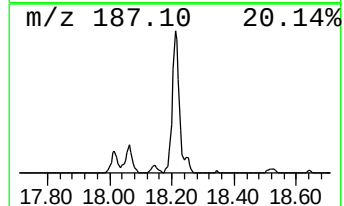
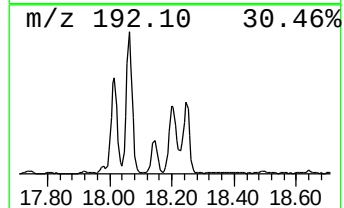
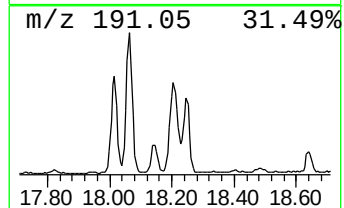
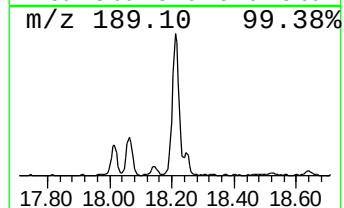
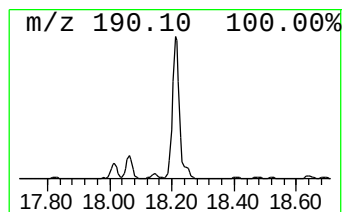
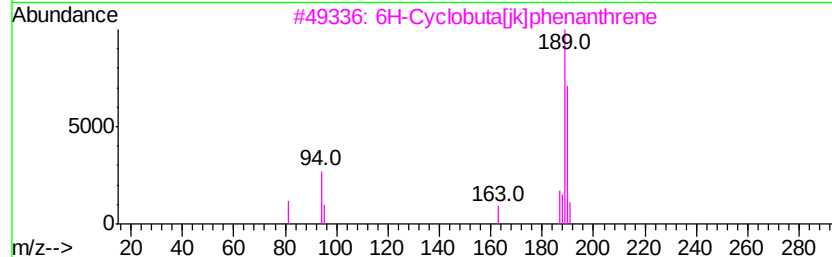
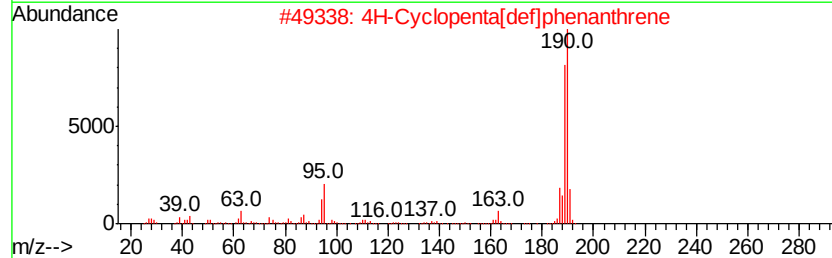
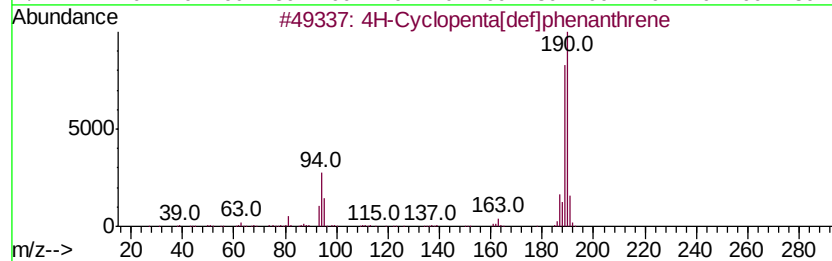
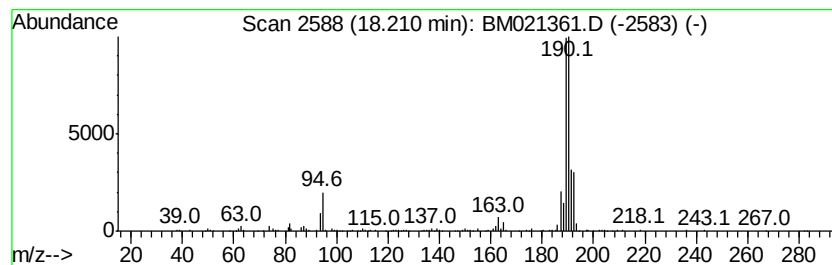
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.21	4.94 ng/ul	687062	Phenanthrene-d10		17.14
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	6H-Cyclobuta[f]kphenanthrene	190	C15H10	083469-43-6	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
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Instrument :
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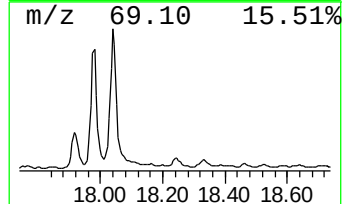
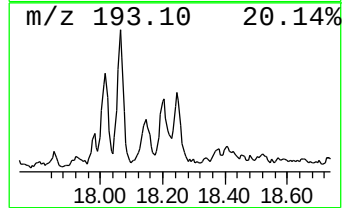
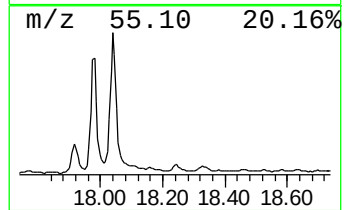
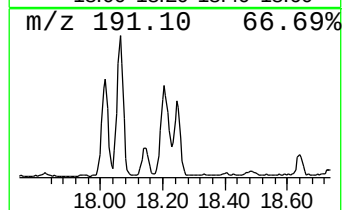
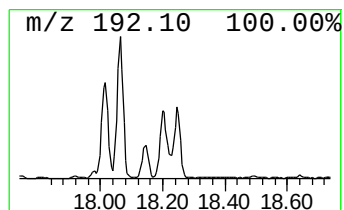
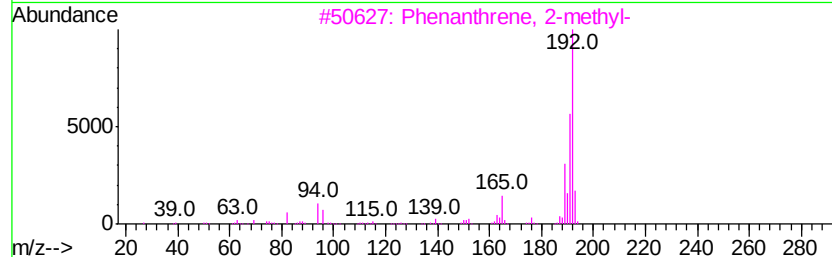
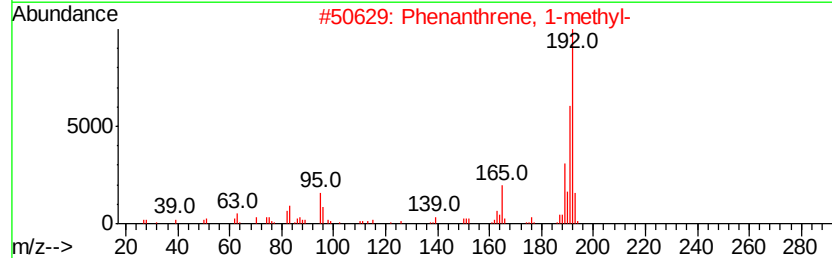
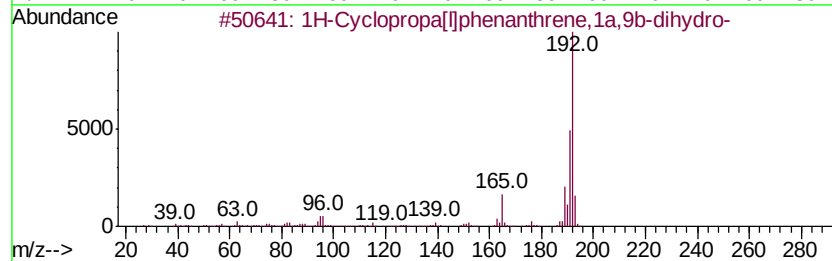
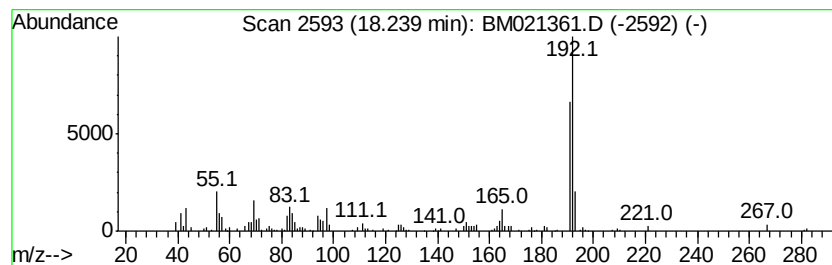
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.30 ng/ul	320697	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
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Acq On : 03 Jul 2019 09:51
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Misc :
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ClientSampleId :
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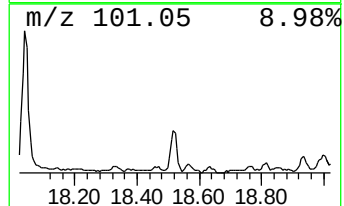
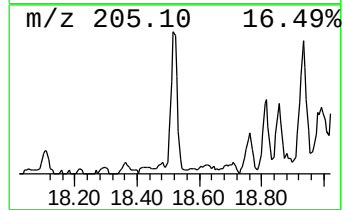
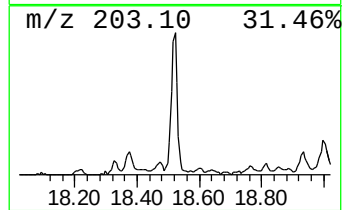
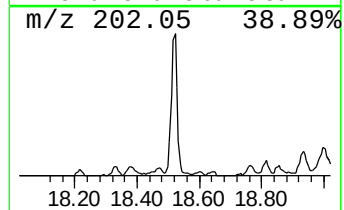
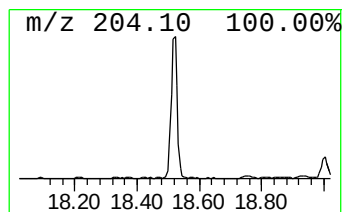
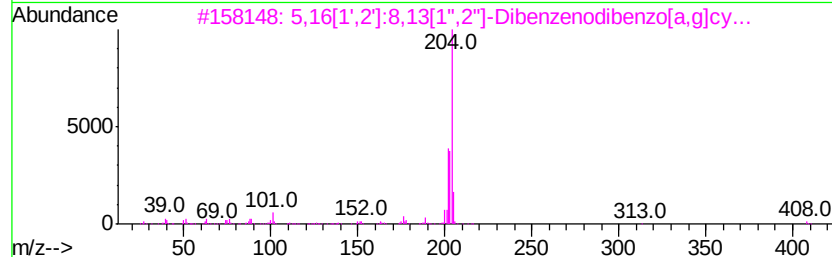
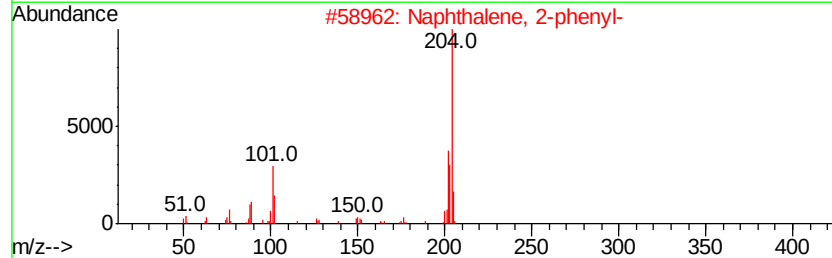
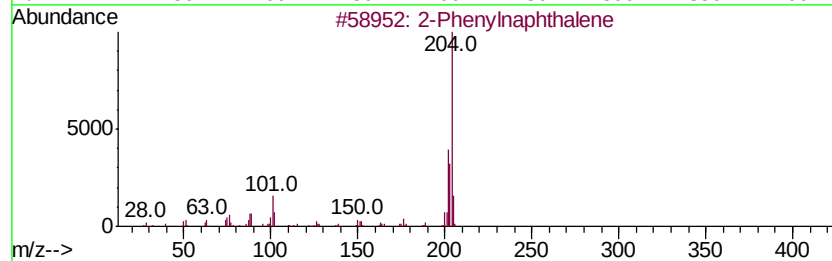
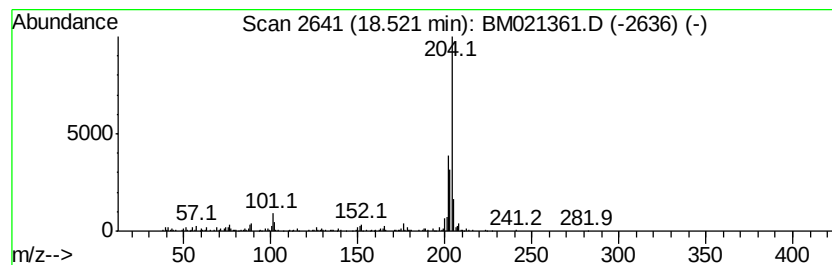
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 2-Phenylnaphthalene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.47 ng/ul	343697	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
3		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
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Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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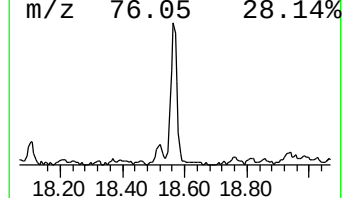
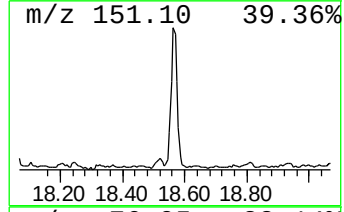
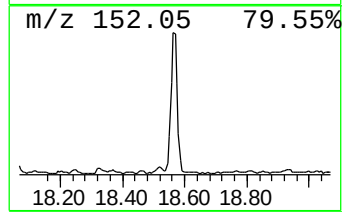
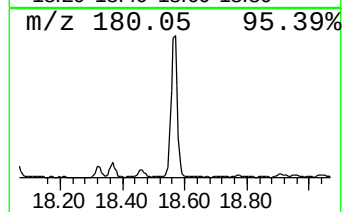
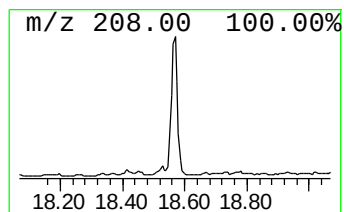
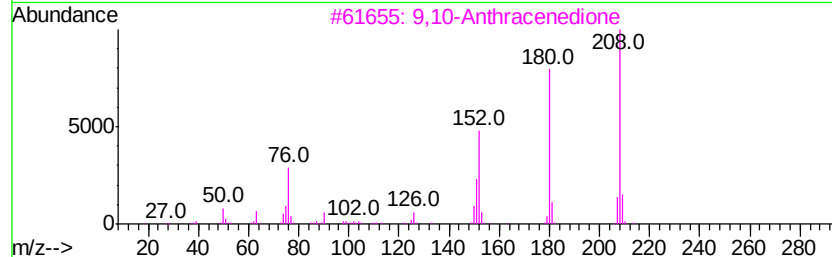
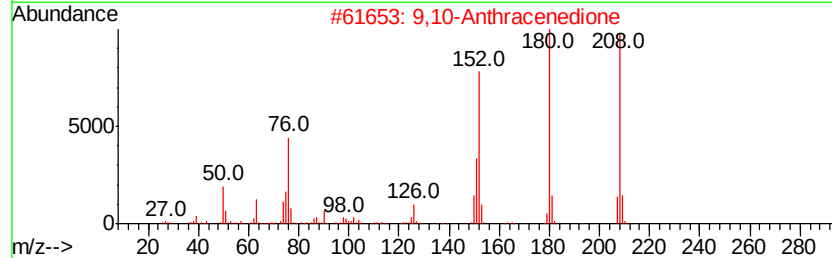
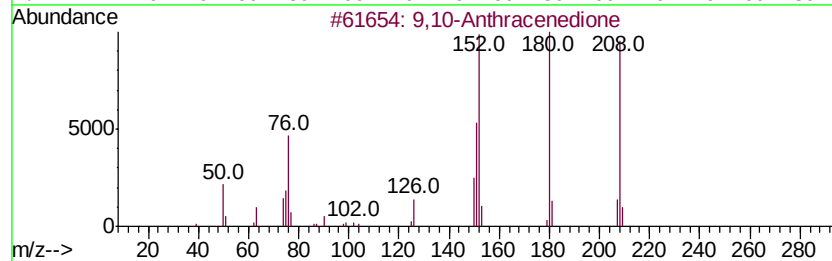
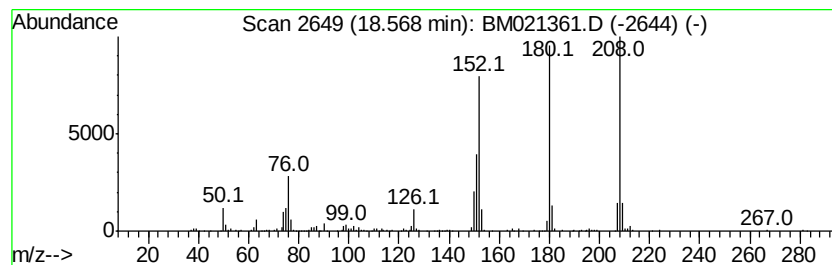
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.03 ng/ul	561636	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
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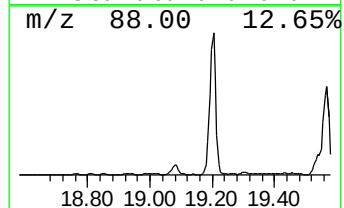
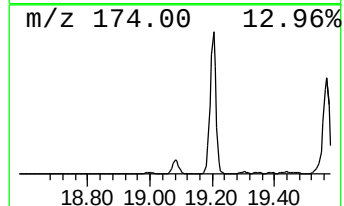
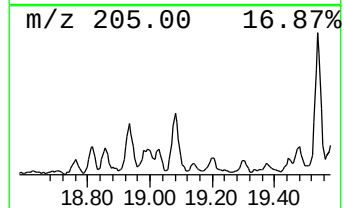
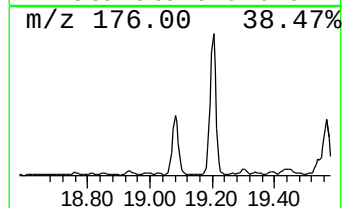
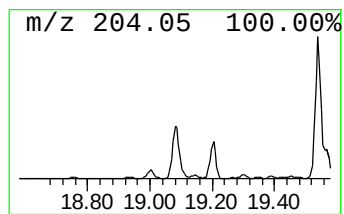
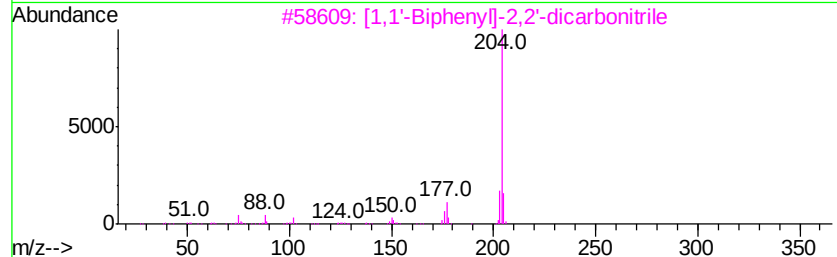
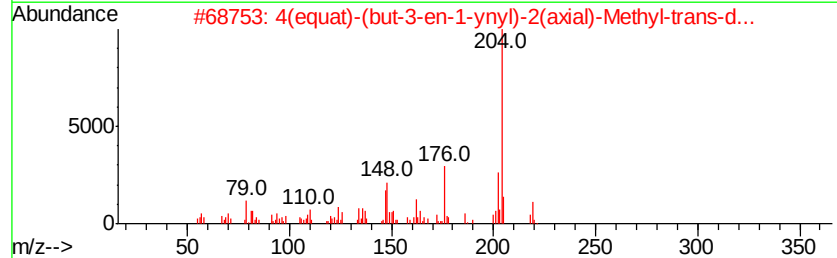
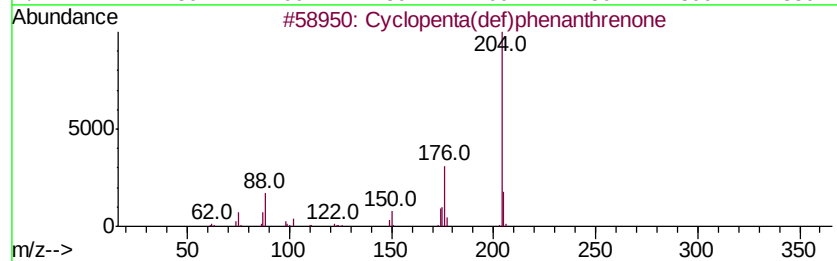
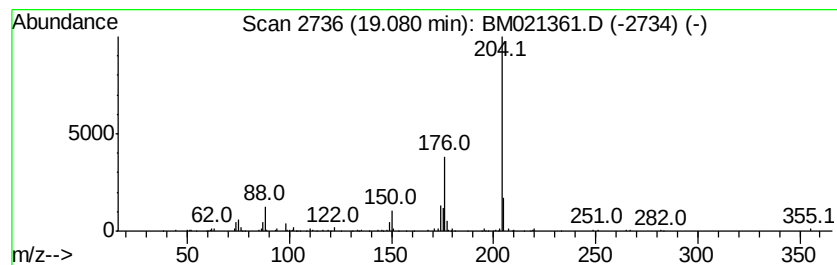
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.08	2.40 ng/ul	333532	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
5		Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
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Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

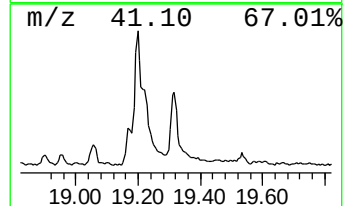
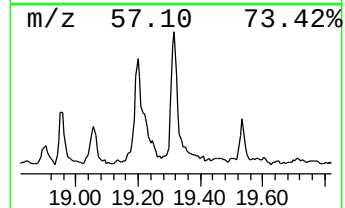
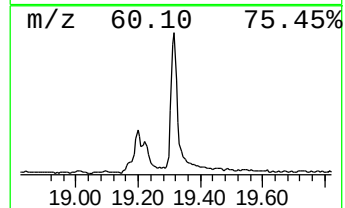
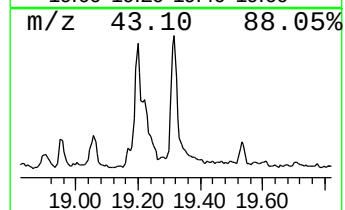
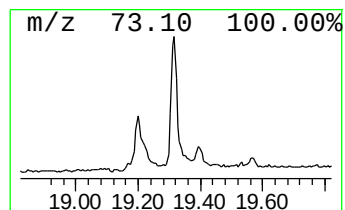
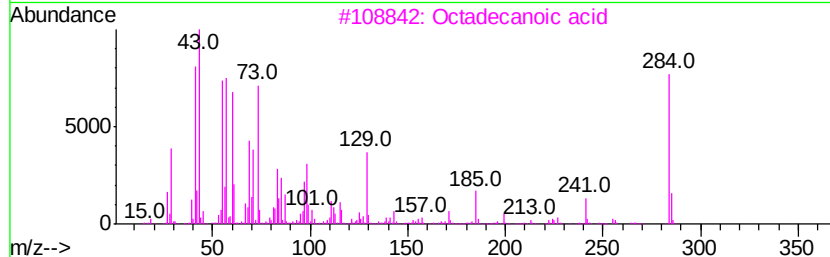
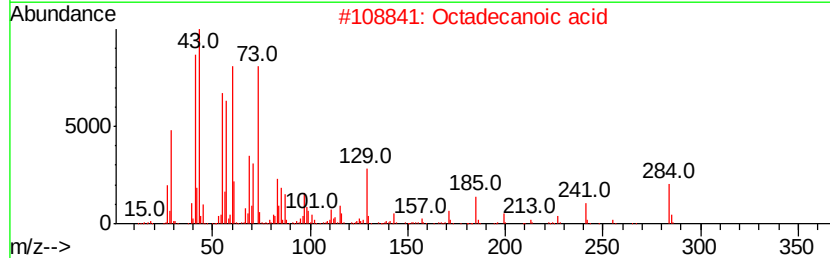
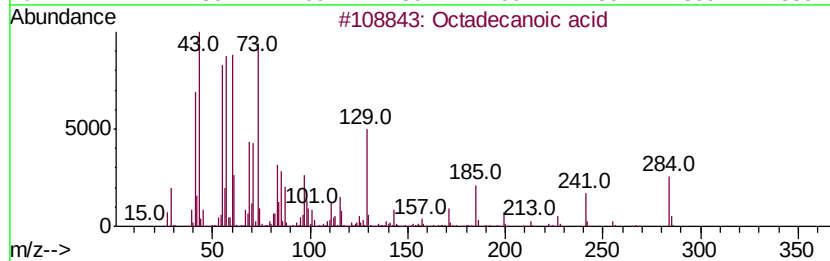
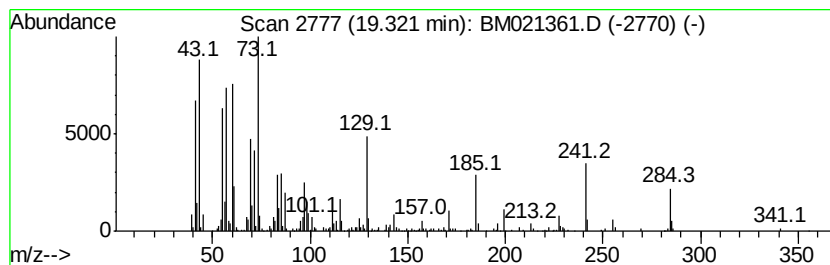
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ClientSampleId :
C5BC8DL

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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.32	2.35 ng/ul	1021360	Chrysene-d12	21.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BC8DL

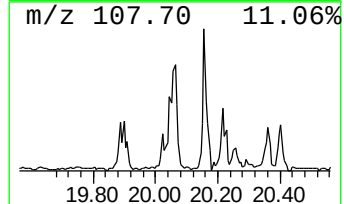
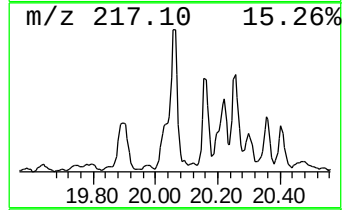
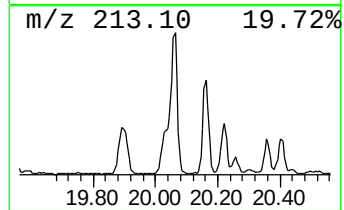
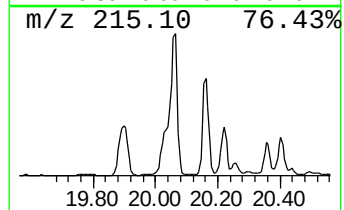
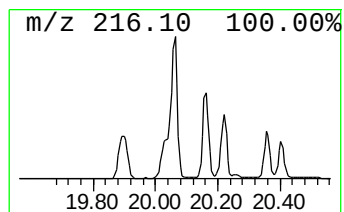
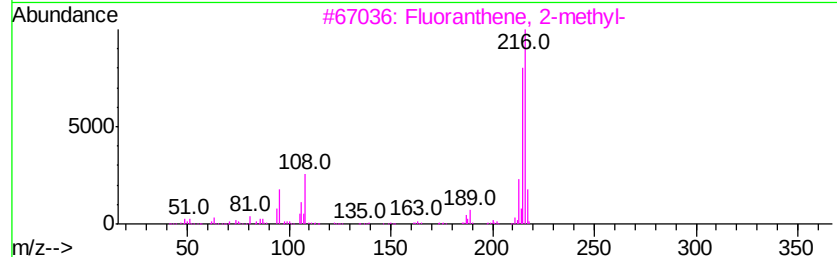
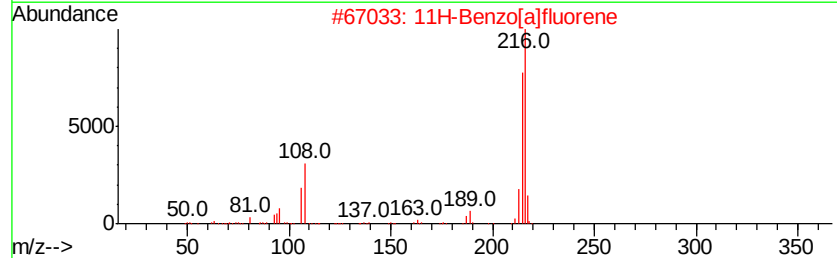
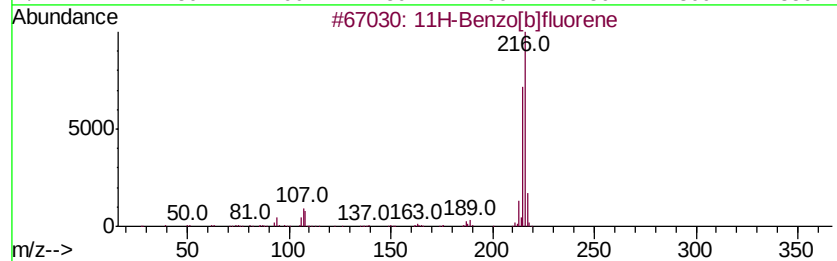
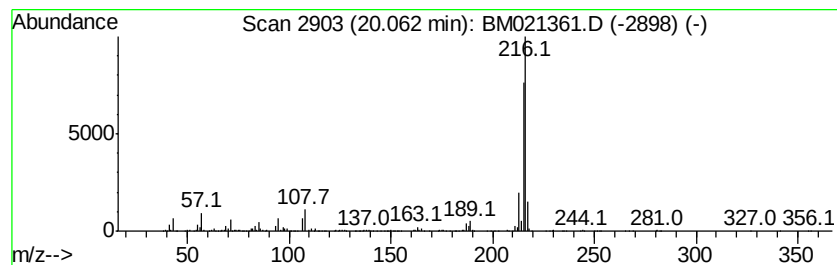
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.23 ng/ul	1404870	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BC8DL

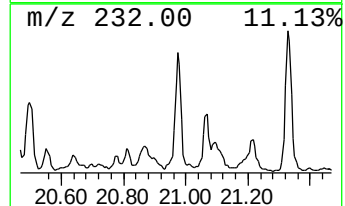
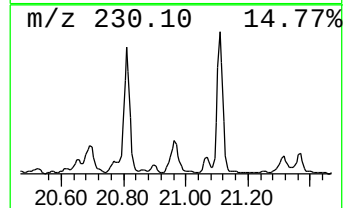
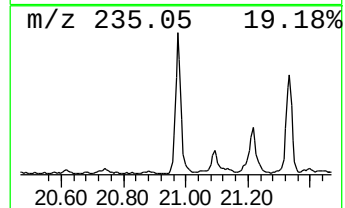
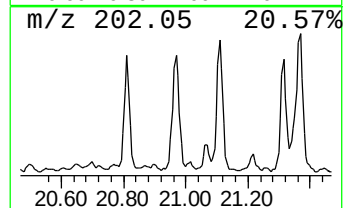
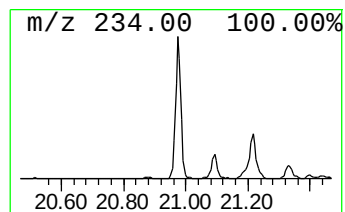
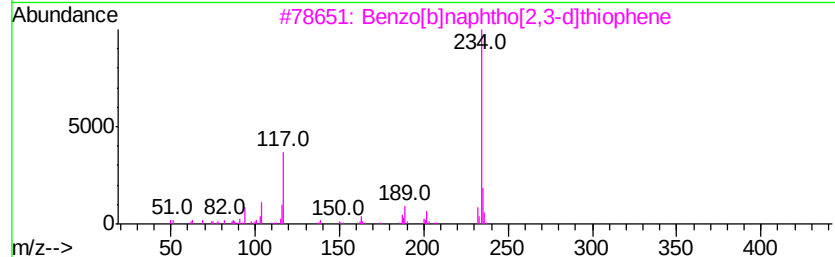
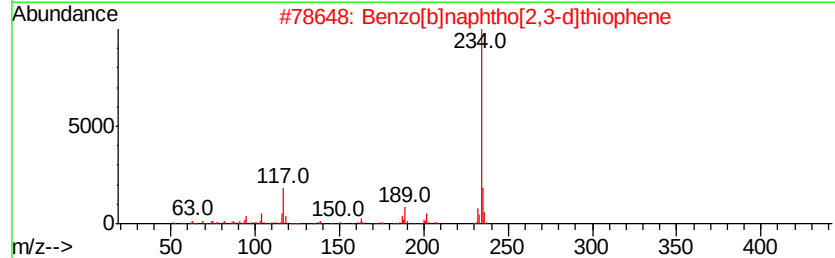
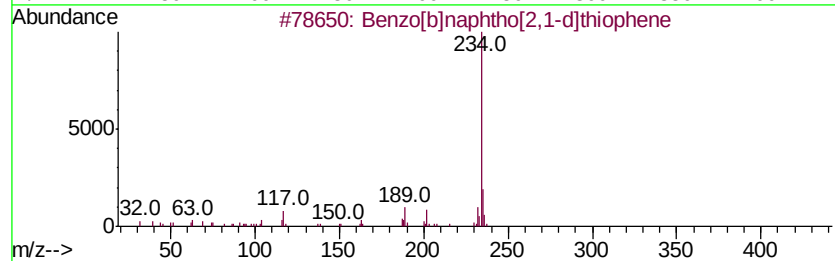
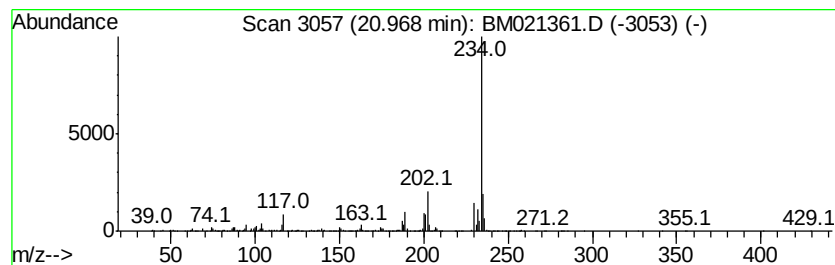
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.35 ng/ul	1021220	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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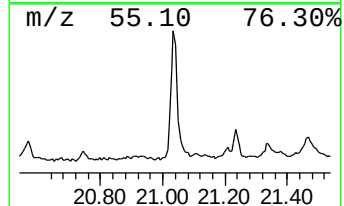
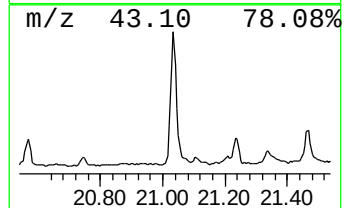
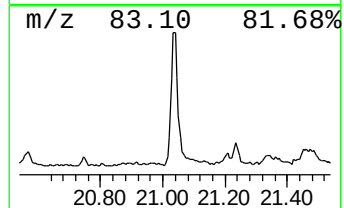
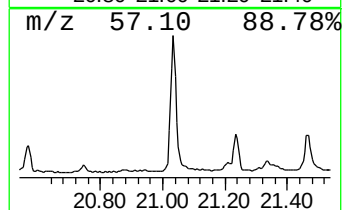
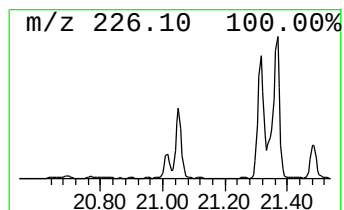
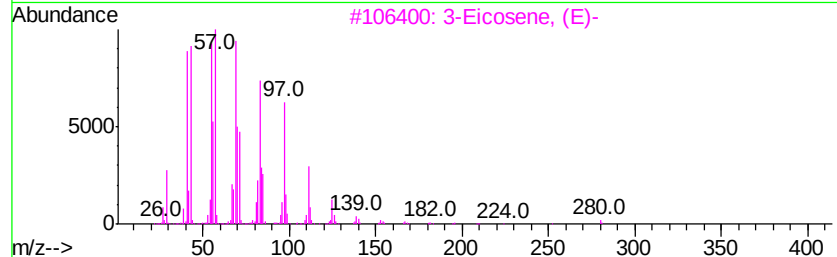
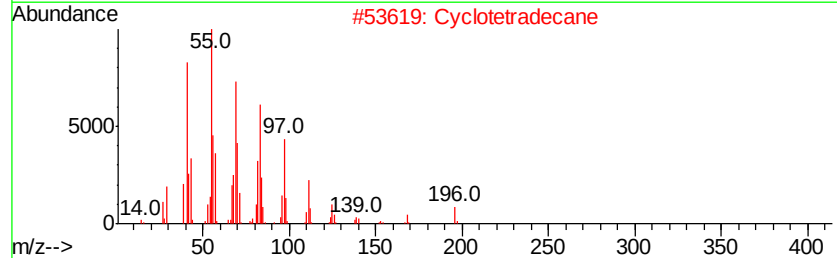
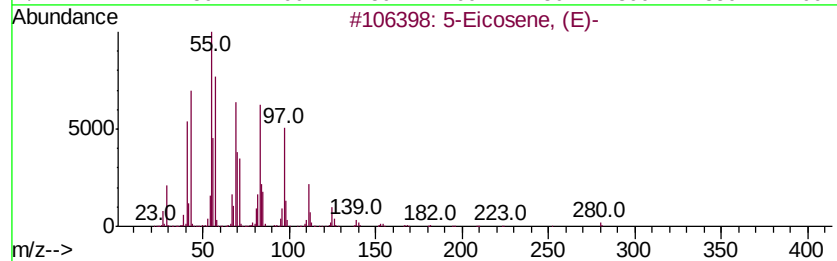
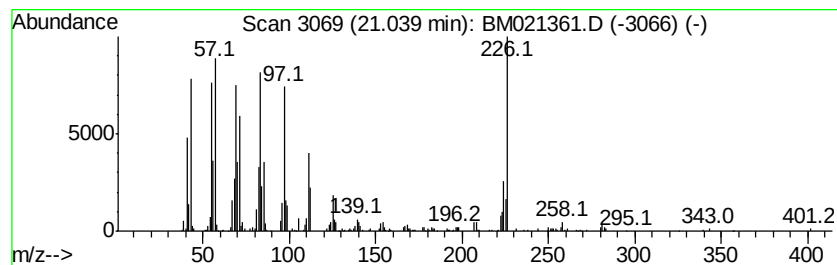
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Cyclic21.04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.29 ng/ul	1864170	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		Cyclotetradecane	196	C14H28	000295-17-0	95
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	89
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
5		Cyclohexadecane	224	C16H32	000295-65-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

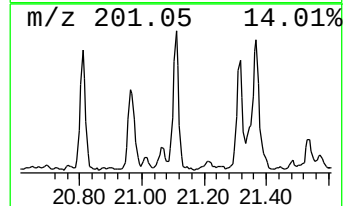
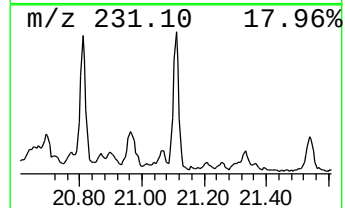
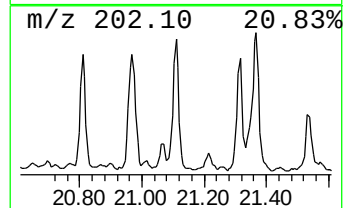
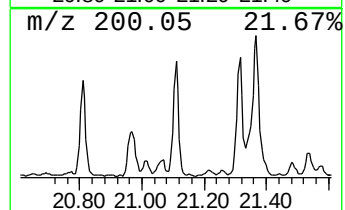
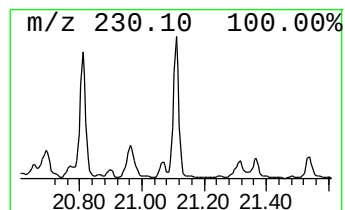
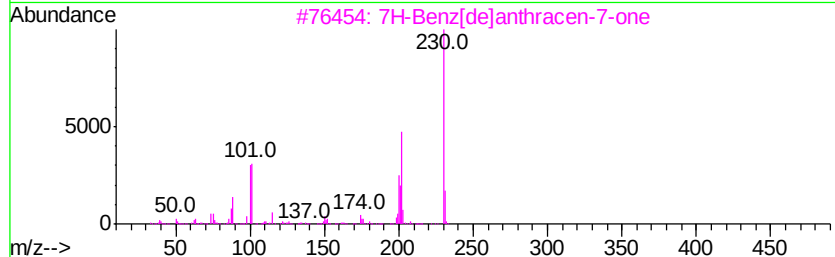
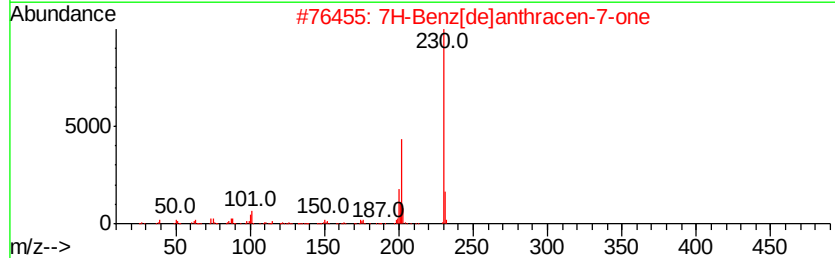
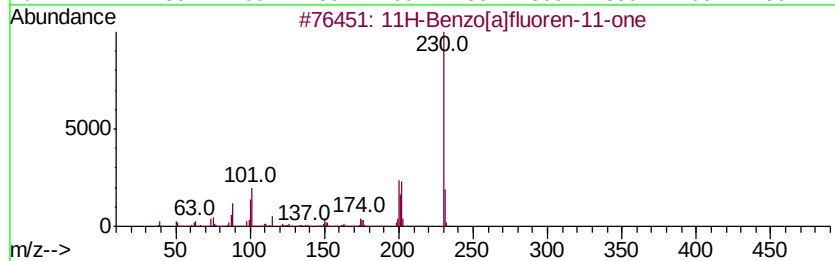
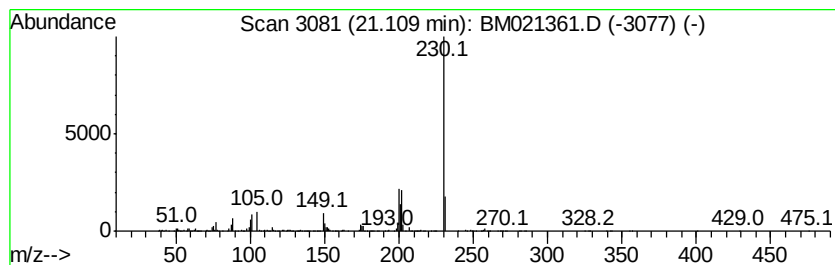
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 11H-Benzo[a]fluoren-11-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.11	2.21 ng/ul	959721	Chrysene-d12	21.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95	
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89	
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81	
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	64	
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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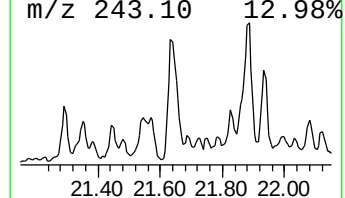
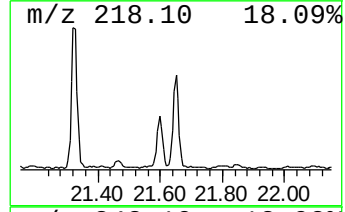
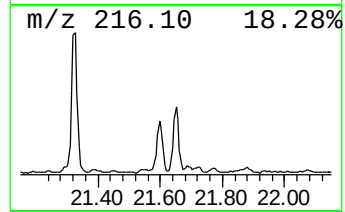
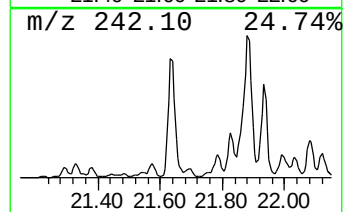
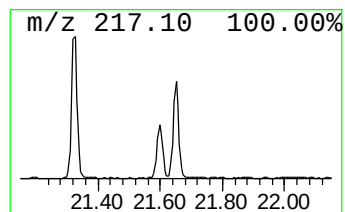
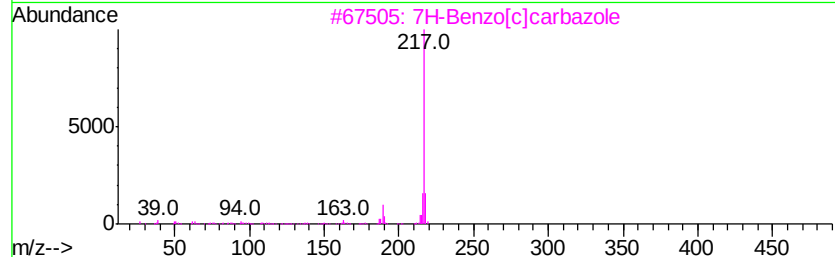
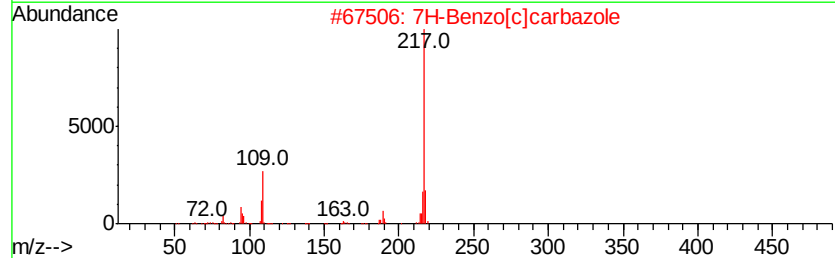
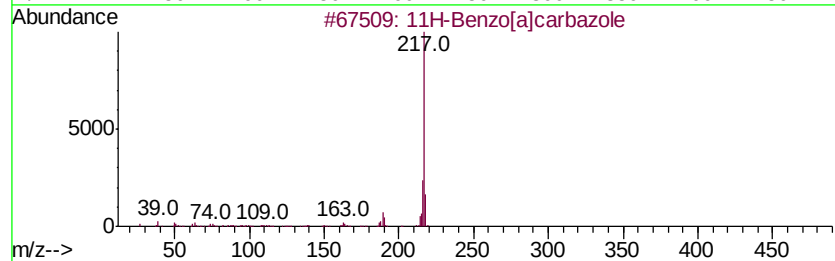
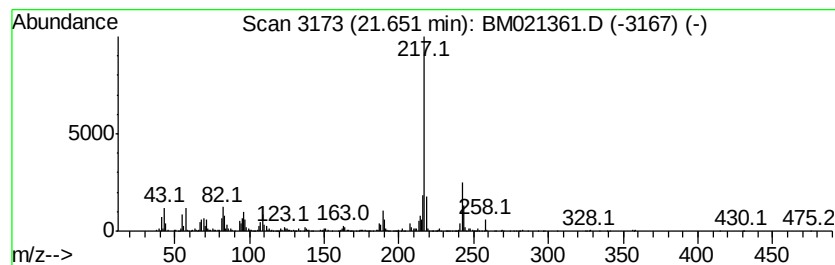
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 11H-Benzo[a]carbazole Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.25 ng/ul	978647	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	92
2		7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	76
3		7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	70
4		11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	70
5		Benzo(b)carbazole	217	C16H11N	000243-28-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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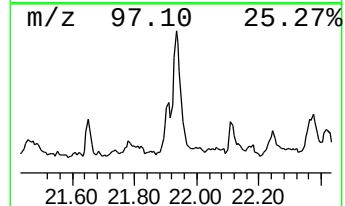
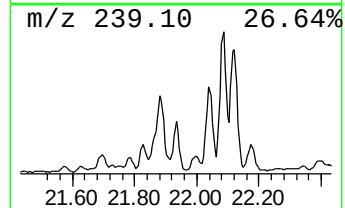
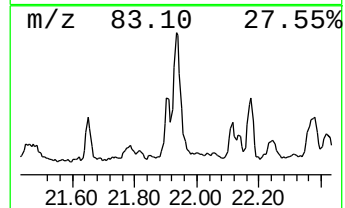
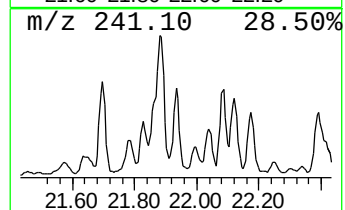
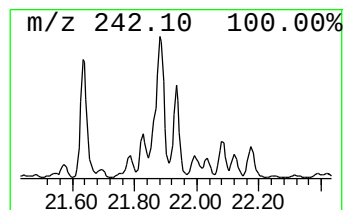
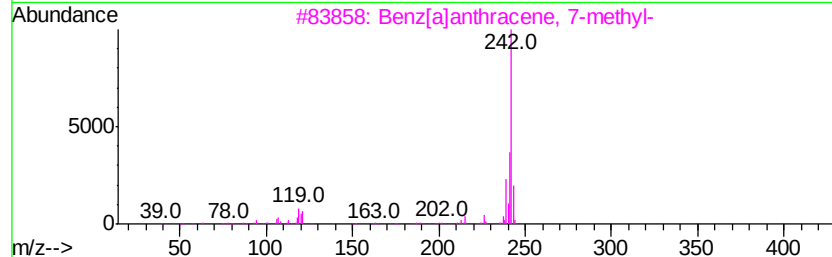
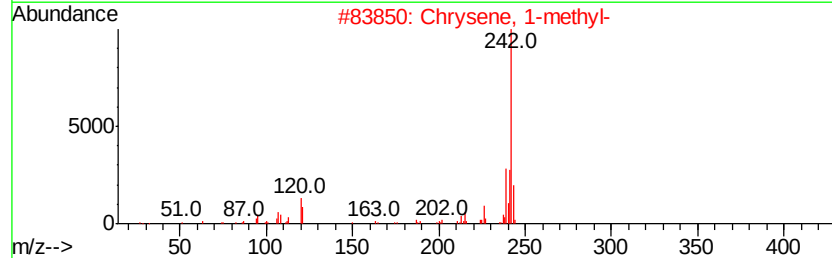
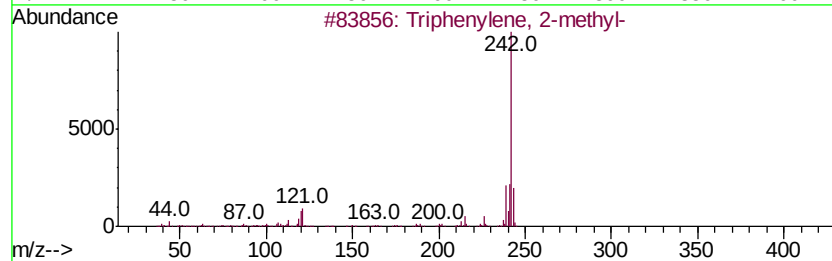
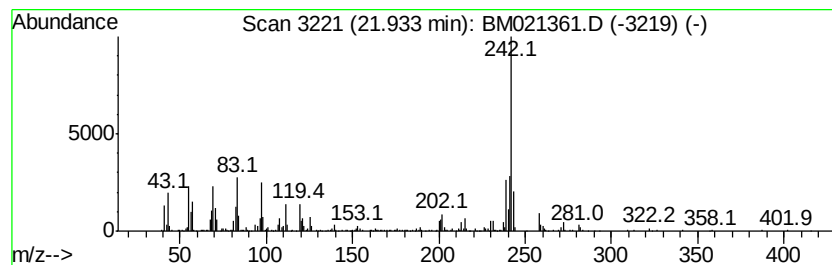
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Triphenylene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.48 ng/ul	1076950	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86
2		Chrysene, 1-methyl-	242	C19H14	003351-28-8	83
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	70
4		Chrysene, 2-methyl-	242	C19H14	003351-32-4	64
5		Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	64



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Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

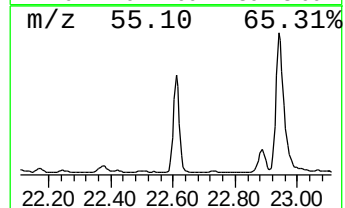
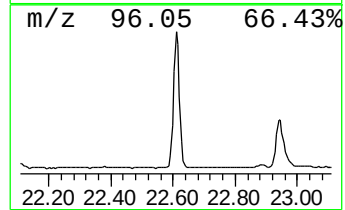
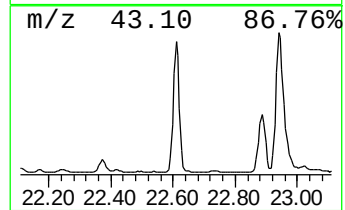
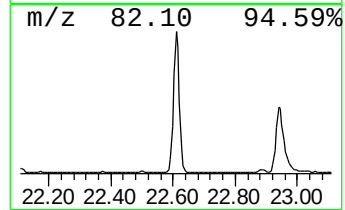
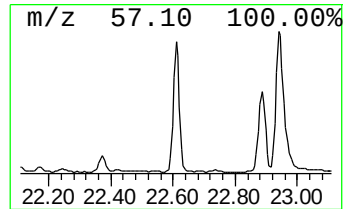
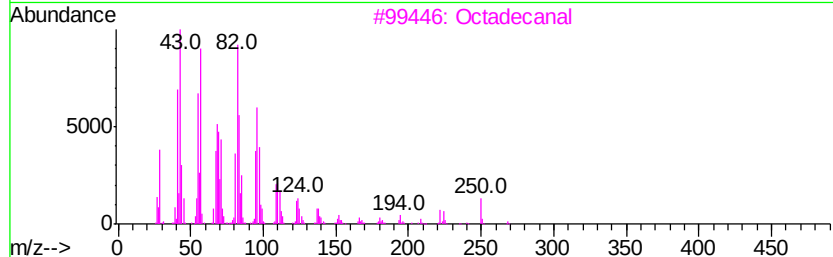
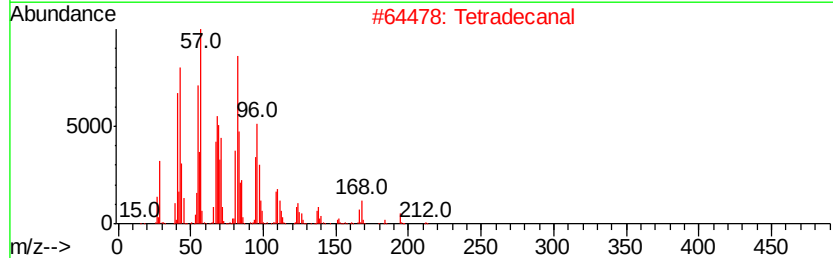
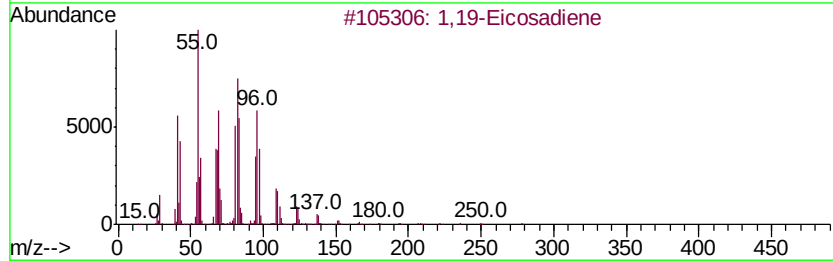
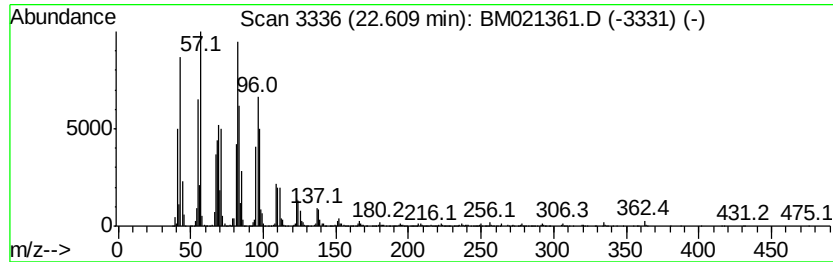
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 1,19-Eicosadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	46.39 ng/ul	6441040	Perylene-d12	23.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene	278 C20H38	014811-95-1	95
2	Tetradecanal	212 C14H28O	000124-25-4	94
3	Octadecanal	268 C18H36O	000638-66-4	91
4	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	91
5	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
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Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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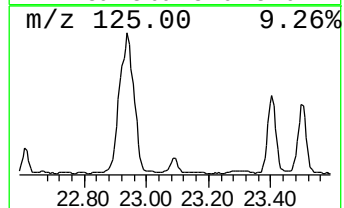
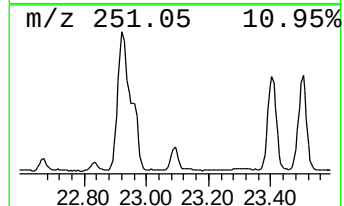
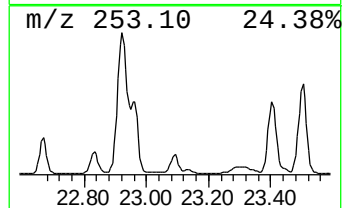
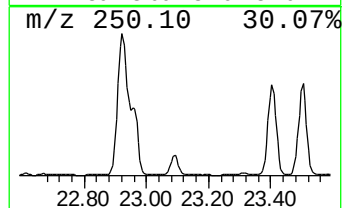
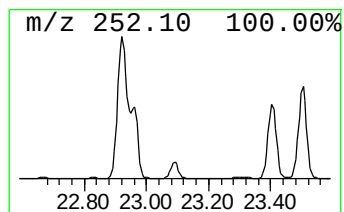
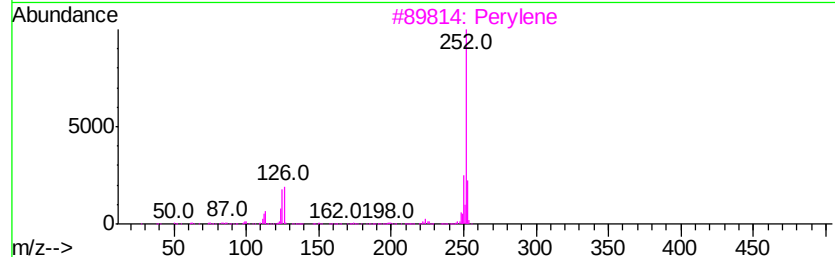
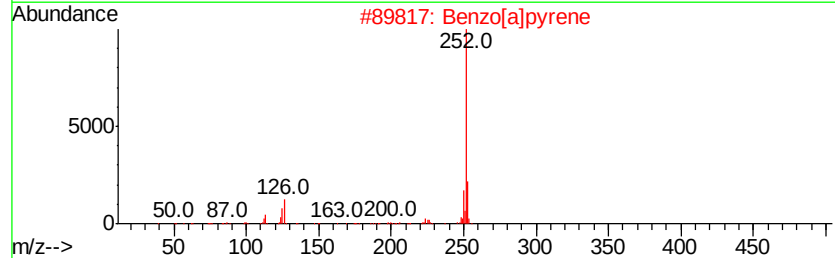
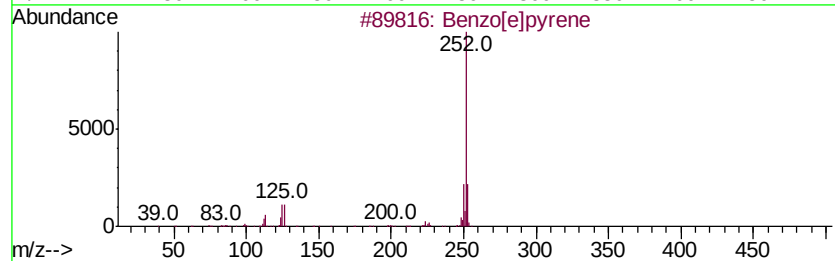
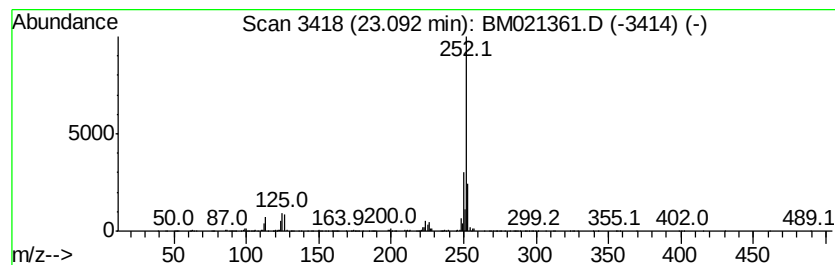
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	5.36 ng/ul	743746	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[a]pyrene	252	C20H12	000050-32-8	91
3		Perylene	252	C20H12	000198-55-0	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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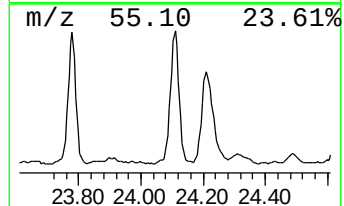
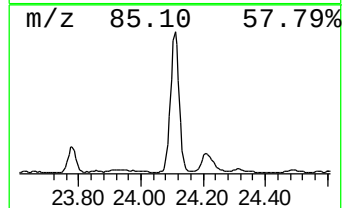
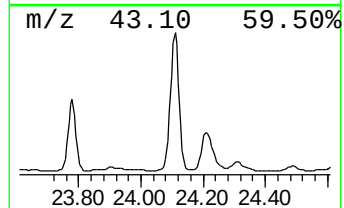
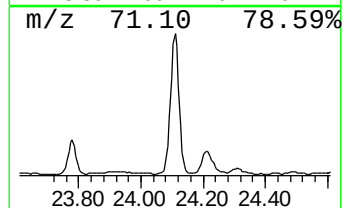
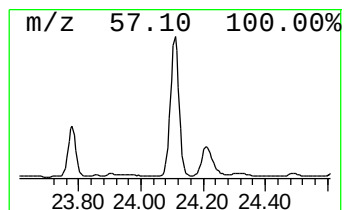
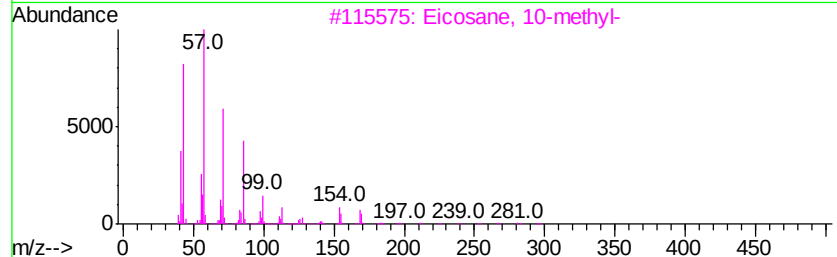
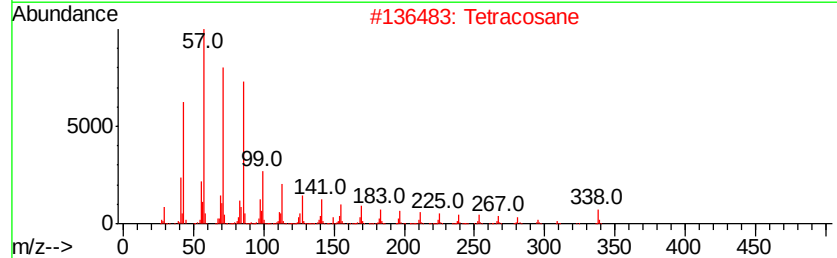
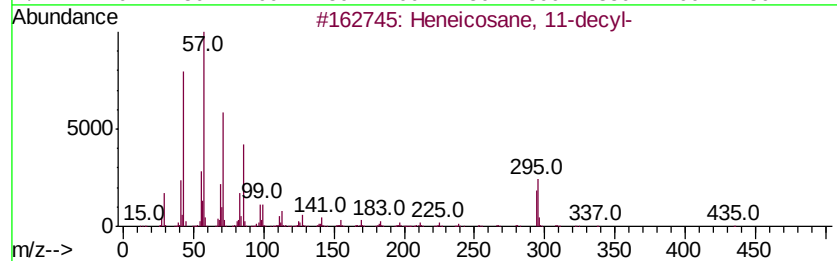
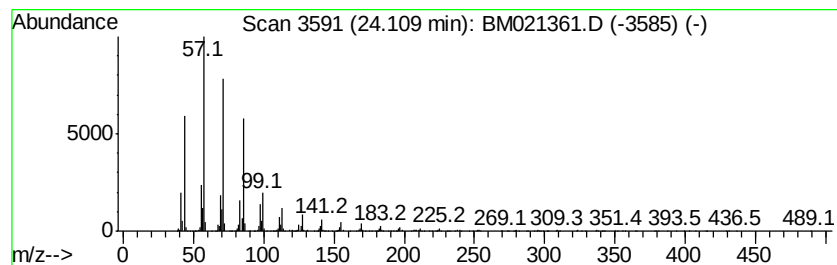
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	32.59 ng/ul	4524980	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
2		Tetracosane	338	C24H50	000646-31-1	95
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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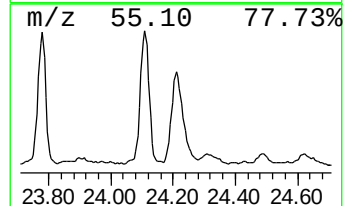
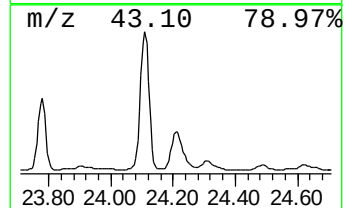
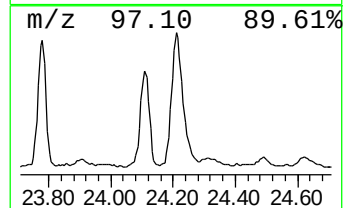
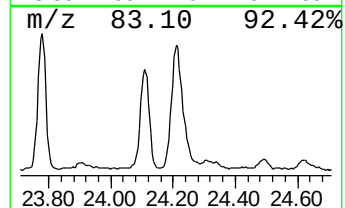
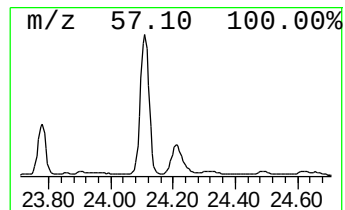
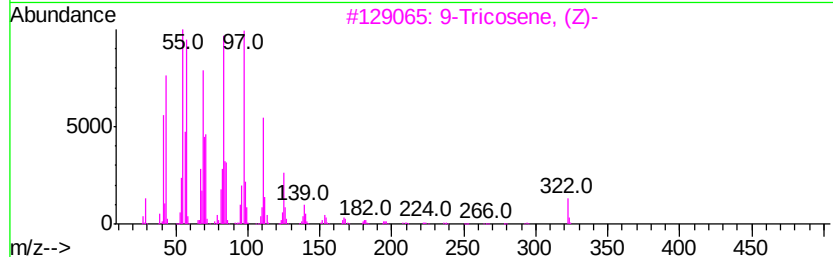
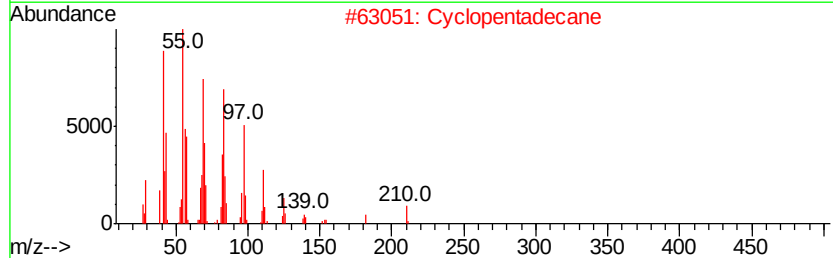
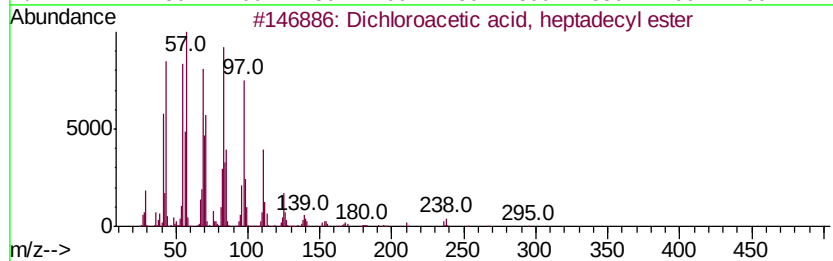
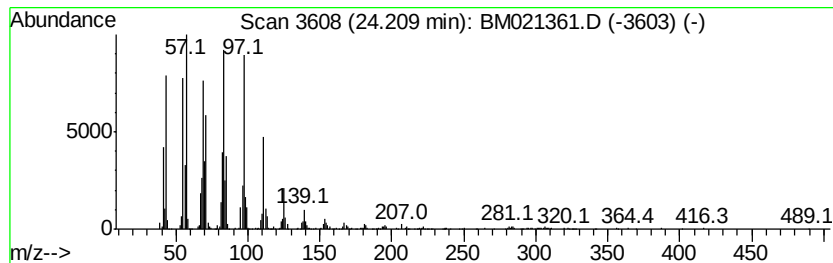
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	14.66 ng/ul	2035050	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2		Cyclopentadecane	210	C15H30	000295-48-7	89
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	87
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
5		1-Eicosanol	298	C20H42O	000629-96-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
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Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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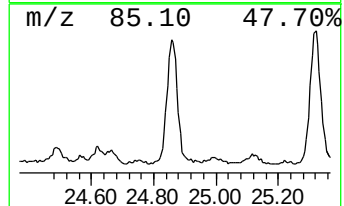
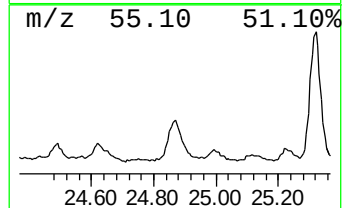
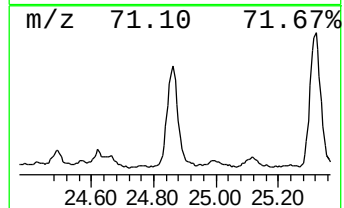
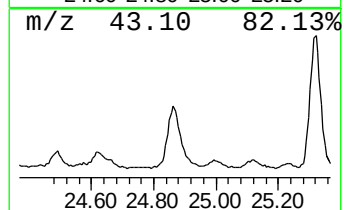
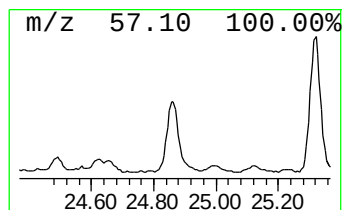
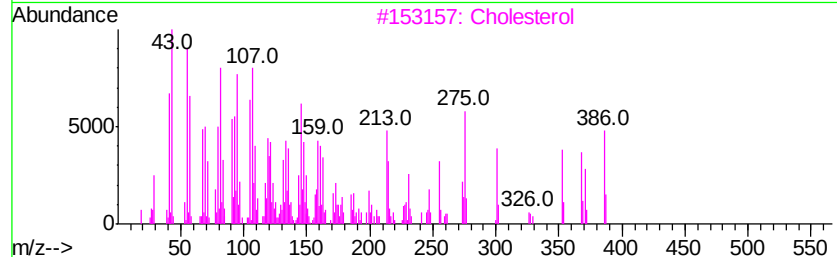
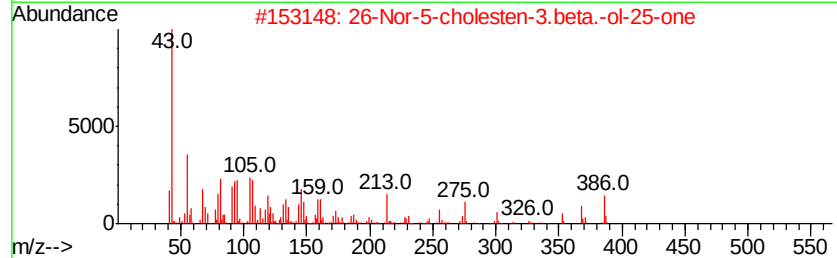
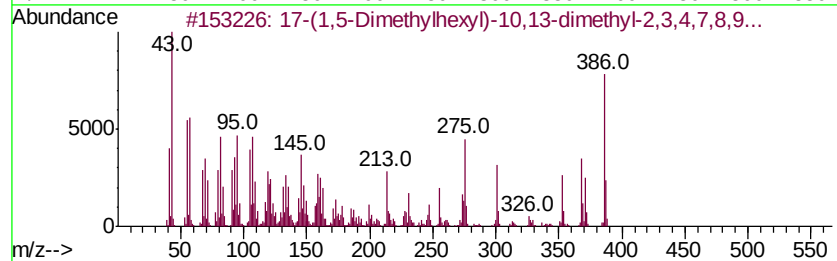
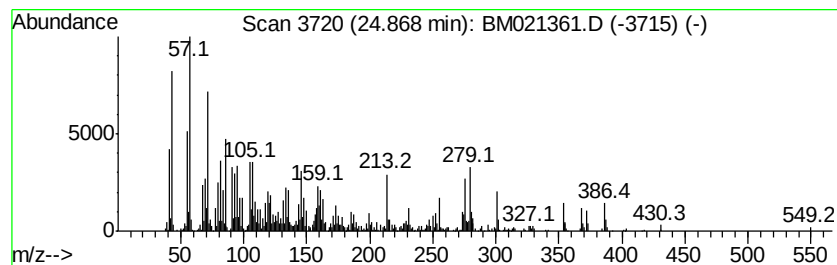
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	13.41 ng/ul	1862270	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3		Cholesterol	386	C27H46O	000057-88-5	95
4		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	60
5		Cholesterol	386	C27H46O	000057-88-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
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Misc :
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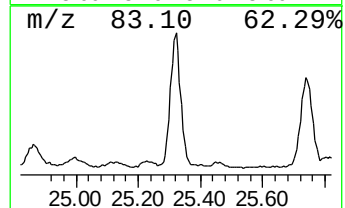
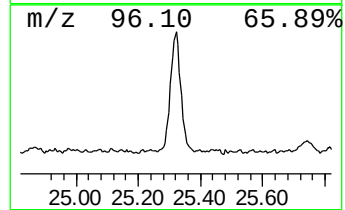
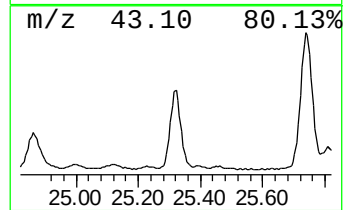
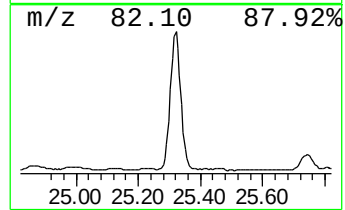
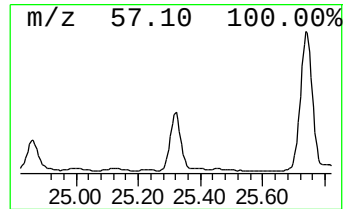
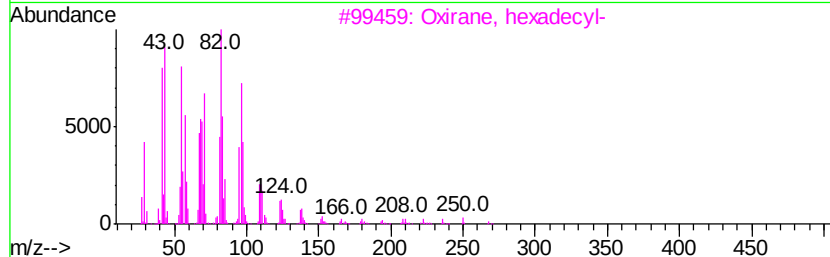
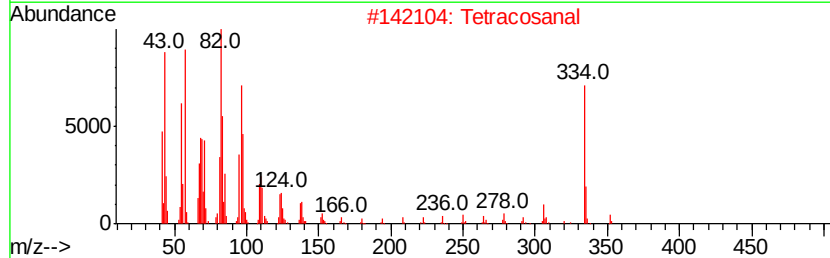
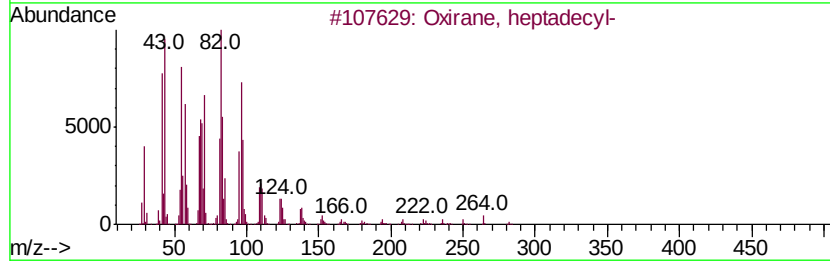
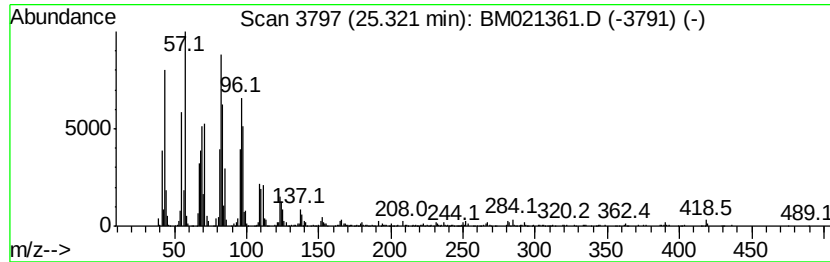
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Oxirane, heptadecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.32	22.08 ng/ul	3065600	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2		Tetracosanal	352	C24H48O	057866-08-7	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Octadecanal	268	C18H36O	000638-66-4	90
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
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ClientSampleId :
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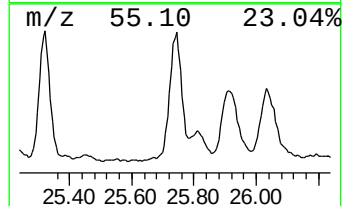
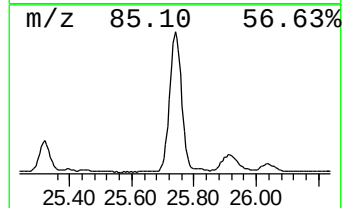
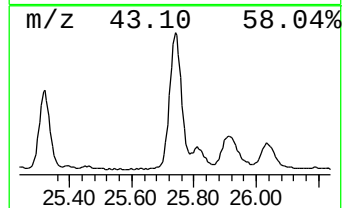
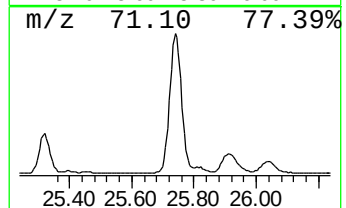
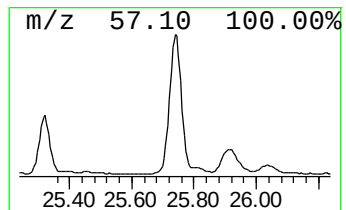
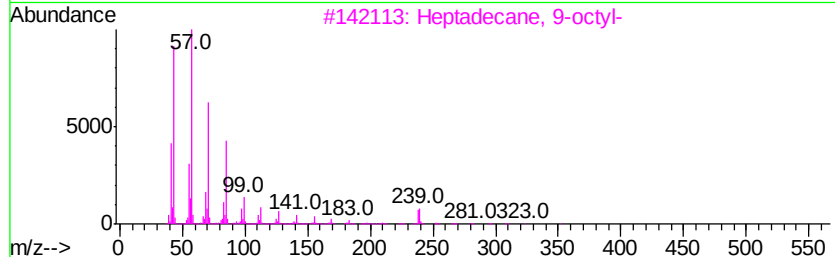
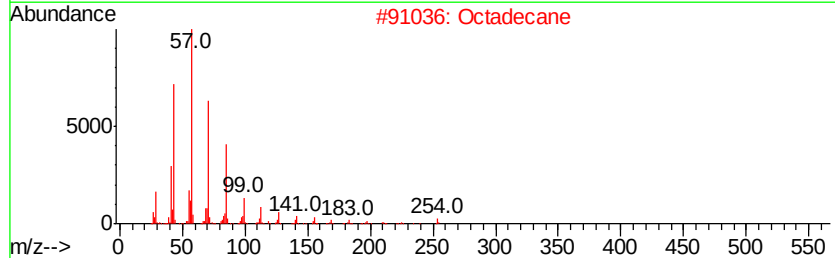
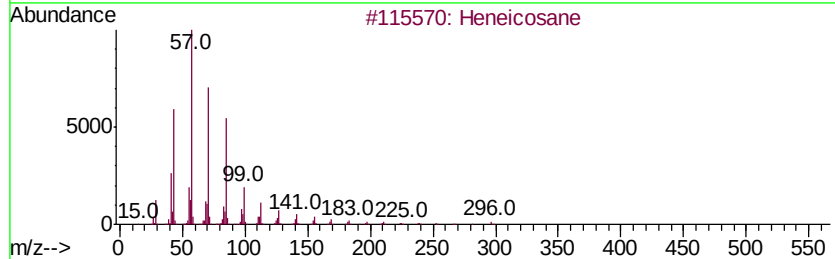
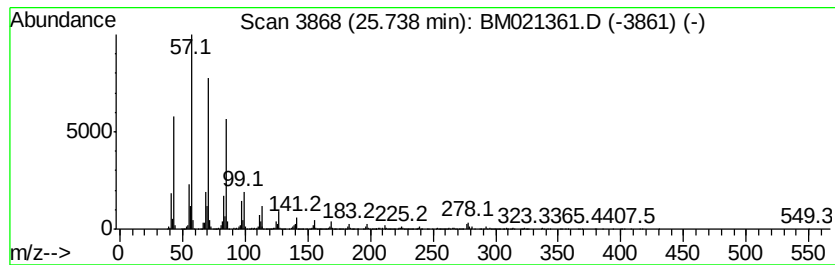
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.74	26.42 ng/ul	3668370	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Octadecane	254	C18H38	000593-45-3	97
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021361.D
Acq On : 03 Jul 2019 09:51
Operator : HP/JU
Sample : K3594-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BC8DL

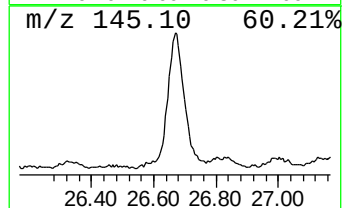
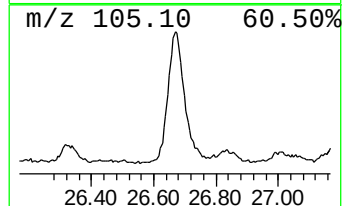
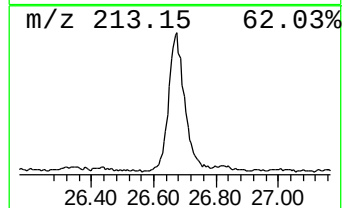
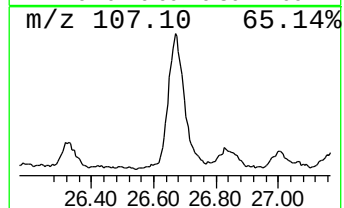
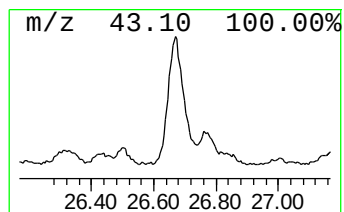
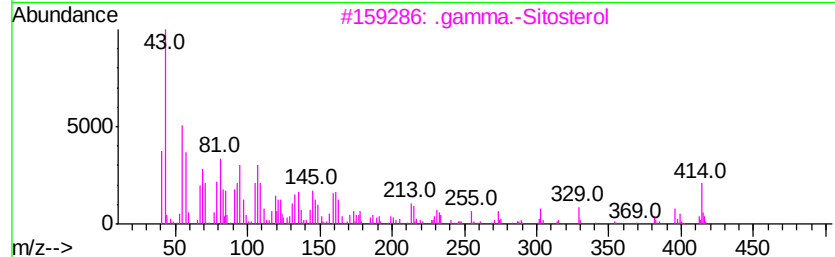
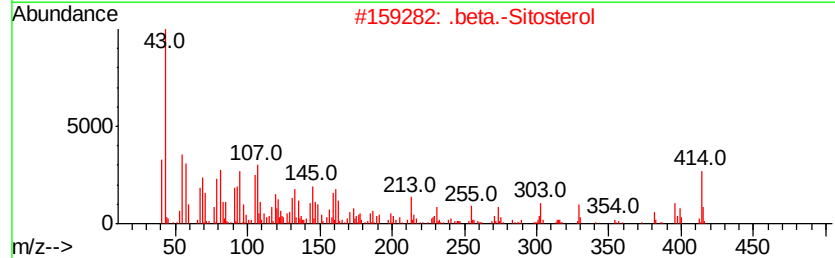
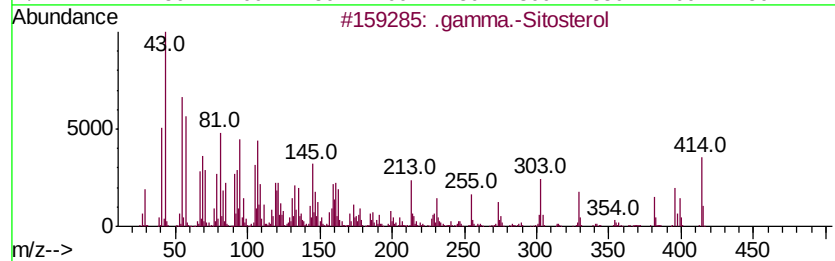
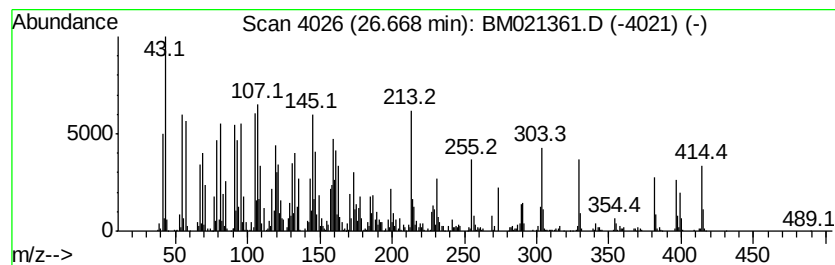
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.67	28.67 ng/ul	3980480	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	92
3		.gamma.-Sitosterol	414	C29H50O	000083-47-6	83
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	48
5		.beta.-Sitosterol	414	C29H50O	000083-46-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070319\
 Data File : BM021361.D
 Acq On : 03 Jul 2019 09:51
 Operator : HP/JU
 Sample : K3594-02DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC8DL

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,...	4.39	3.2	ng/ul	189622	1	7.75	1200390	20.0
Cyclotetrasiloxan...	6.85	2.4	ng/ul	141756	1	7.75	1200390	20.0
Benzyl Alcohol	8.00	2.4	ng/ul	142487	1	7.75	1200390	20.0
2,2,4-Trimethyl-1...	12.73	2.4	ng/ul	320370	3	14.39	2695130	20.0
Propanoic acid, 2...	12.99	2.4	ng/ul	325550	3	14.39	2695130	20.0
(DEL) Alkane: Cyc...	15.95	2.0	ng/ul	282175	4	17.14	2784180	20.0
(DEL) Alkane: Cyc...	16.47	2.1	ng/ul	296950	4	17.14	2784180	20.0
Pentadecanoic acid	17.03	2.8	ng/ul	386956	4	17.14	2784180	20.0
Hexadecenoic acid...	17.92	4.8	ng/ul	666769	4	17.14	2784180	20.0
9-Hexadecenoic acid	17.98	13.2	ng/ul	1832430	4	17.14	2784180	20.0
n-Hexadecanoic acid	18.04	34.2	ng/ul	4755130	4	17.14	2784180	20.0
4H-Cyclopenta[def...	18.21	4.9	ng/ul	687062	4	17.14	2784180	20.0
1H-Cyclopropa[l]p...	18.24	2.3	ng/ul	320697	4	17.14	2784180	20.0
2-Phenylanthracene	18.52	2.5	ng/ul	343697	4	17.14	2784180	20.0
9,10-Anthracenedione	18.57	4.0	ng/ul	561636	4	17.14	2784180	20.0
Cyclopenta(def)ph...	19.08	2.4	ng/ul	333532	4	17.14	2784180	20.0
Octadecanoic acid	19.32	2.4	ng/ul	1021360	5	21.33	8696800	20.0
11H-Benzo[b]fluorene	20.06	3.2	ng/ul	1404870	5	21.33	8696800	20.0
Benzo[b]naphtho[2...	20.97	2.4	ng/ul	1021220	5	21.33	8696800	20.0
(DEL) Alkane: Cyc...	21.04	4.3	ng/ul	1864170	5	21.33	8696800	20.0
11H-Benzo[a]fluor...	21.11	2.2	ng/ul	959721	5	21.33	8696800	20.0
11H-Benzo[a]carba...	21.65	2.3	ng/ul	978647	5	21.33	8696800	20.0
Triphenylene, 2-m...	21.93	2.5	ng/ul	1076950	5	21.33	8696800	20.0
1,19-Eicosadiene	22.61	46.4	ng/ul	6441040	6	23.60	2776970	20.0
Benzo[e]pyrene	23.09	5.4	ng/ul	743746	6	23.60	2776970	20.0
(DEL) Alkane: Str...	24.11	32.6	ng/ul	4524980	6	23.60	2776970	20.0
Dichloroacetic ac...	24.21	14.7	ng/ul	2035050	6	23.60	2776970	20.0
17-(1,5-Dimethylh...	24.87	13.4	ng/ul	1862270	6	23.60	2776970	20.0
Oxirane, heptadecyl-	25.32	22.1	ng/ul	3065600	6	23.60	2776970	20.0
(DEL) Alkane: Str...	25.74	26.4	ng/ul	3668370	6	23.60	2776970	20.0
.gamma.-Sitosterol	26.67	28.7	ng/ul	3980480	6	23.60	2776970	20.0