

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021520.D
 Acq On : 18 Jul 2019 11:11
 Operator : HP/JU
 Sample : K3760-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8Z4

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-BM070819MA.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	4.369	232	235	241	rVB	87024	113187	3.52%	0.278%
2	4.858	315	318	323	rVB	53879	68374	2.13%	0.168%
3	6.816	648	651	656	rVB2	50167	69881	2.17%	0.171%
4	6.893	659	664	676	rVB	299418	518186	16.12%	1.271%
5	7.063	689	693	703	rVB	235810	385444	11.99%	0.945%
6	7.251	720	725	734	rVB	328656	538524	16.75%	1.321%
7	7.722	799	805	813	rVB	575698	935865	29.11%	2.295%
8	8.428	919	925	937	rVB	342925	576075	17.92%	1.413%
9	8.798	984	988	993	rVB3	33747	50203	1.56%	0.123%
10	8.887	996	1003	1015	rVB	301346	523811	16.29%	1.285%
11	9.240	1058	1063	1070	rVB2	23866	38909	1.21%	0.095%
12	9.598	1118	1124	1132	rBV	235636	397294	12.36%	0.974%
13	10.134	1208	1215	1228	rBV	333571	674681	20.99%	1.655%
14	10.504	1270	1278	1285	rBV	787006	1315463	40.92%	3.226%
15	10.675	1303	1307	1316	rVB3	13087	27602	0.86%	0.068%
16	11.098	1371	1379	1386	rBV4	6105	18518	0.58%	0.045%
17	11.310	1409	1415	1420	rBV4	4173	9104	0.28%	0.022%
18	11.722	1481	1485	1491	rVB4	12378	20653	0.64%	0.051%
19	12.104	1544	1550	1554	rBV3	4779	8705	0.27%	0.021%
20	12.639	1633	1641	1649	rBV3	49128	88512	2.75%	0.217%
21	12.957	1689	1695	1703	rVB4	6206	11157	0.35%	0.027%
22	13.163	1725	1730	1735	rBV2	15594	20844	0.65%	0.051%
23	13.322	1749	1757	1759	rBV5	6382	8922	0.28%	0.022%
24	13.469	1777	1782	1785	rBV5	5189	8400	0.26%	0.021%
25	13.651	1806	1813	1819	rBV5	11954	30245	0.94%	0.074%
26	13.780	1829	1835	1840	rBV	709646	965735	30.04%	2.369%
27	13.828	1840	1843	1848	rVB	106160	142573	4.43%	0.350%
28	13.980	1861	1869	1871	rBV4	5916	9010	0.28%	0.022%
29	14.057	1876	1882	1888	rVV	904263	1263506	39.30%	3.099%
30	14.110	1888	1891	1898	rVB6	8082	13406	0.42%	0.033%
31	14.310	1918	1925	1928	rBV2	26458	34231	1.06%	0.084%
32	14.363	1928	1934	1941	rVV2	1205907	1770806	55.08%	4.343%
33	14.422	1941	1944	1952	rVB5	10126	19326	0.60%	0.047%
34	14.598	1966	1974	1985	rBV	127007	280003	8.71%	0.687%

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35	14.780	1998	2005	2015	rBV6	28896	66112	2.06%	0.162%
36	15.198	2072	2076	2083	rVB7	6586	13471	0.42%	0.033%
37	15.304	2092	2094	2097	rBV2	6705	8197	0.25%	0.020%
38	15.363	2097	2104	2115	rVB	1103823	1558031	48.46%	3.821%
39	15.498	2121	2127	2132	rBV	182489	285619	8.88%	0.701%
40	15.598	2140	2144	2152	rBV2	10819	17323	0.54%	0.042%
41	15.986	2207	2210	2216	rVB5	9692	11962	0.37%	0.029%
42	16.269	2253	2258	2265	rVB5	15145	24135	0.75%	0.059%
43	16.680	2322	2328	2333	rVB4	7918	13119	0.41%	0.032%
44	16.845	2351	2356	2363	rVV4	26765	43458	1.35%	0.107%
45	16.904	2363	2366	2369	rVB2	8985	10346	0.32%	0.025%
46	17.010	2380	2384	2390	rBV5	19402	32241	1.00%	0.079%
47	17.074	2390	2395	2396	rVV3	8731	13479	0.42%	0.033%
48	17.116	2396	2402	2408	rVB2	1518192	2142171	66.63%	5.254%
49	17.216	2413	2419	2428	rBV	1051020	1551249	48.25%	3.805%
50	17.316	2433	2436	2442	rVB7	10113	19117	0.59%	0.047%
51	17.404	2446	2451	2456	rVB4	9232	15581	0.48%	0.038%
52	17.616	2481	2487	2492	rBV8	9930	22285	0.69%	0.055%
53	17.745	2506	2509	2512	rVB5	9714	8735	0.27%	0.021%
54	17.886	2528	2533	2539	rBV6	15419	23138	0.72%	0.057%
55	17.945	2539	2543	2549	rBV6	23484	42280	1.32%	0.104%
56	18.010	2549	2554	2564	rVV	279128	456344	14.19%	1.119%
57	18.080	2564	2566	2570	rVB	21807	24780	0.77%	0.061%
58	18.298	2599	2603	2605	rBV4	12248	17827	0.55%	0.044%
59	18.521	2636	2641	2646	rBV5	77010	131108	4.08%	0.322%
60	18.615	2653	2657	2662	rVB4	89928	118360	3.68%	0.290%
61	18.680	2662	2668	2674	rVB8	15787	37563	1.17%	0.092%
62	18.751	2675	2680	2684	rBV2	69248	90273	2.81%	0.221%
63	18.898	2701	2705	2708	rBV3	51567	70687	2.20%	0.173%
64	18.927	2708	2710	2714	rVB4	39867	41940	1.30%	0.103%
65	19.021	2721	2726	2733	rVB2	167929	253332	7.88%	0.621%
66	19.145	2742	2747	2749	rBV5	63082	91807	2.86%	0.225%
67	19.174	2749	2752	2755	rVV2	65139	90872	2.83%	0.223%
68	19.292	2768	2772	2776	rBV2	104397	151048	4.70%	0.370%
69	19.433	2793	2796	2802	rVB	28909	39830	1.24%	0.098%
70	19.509	2804	2809	2816	rVV	1487710	1999303	62.19%	4.904%
71	19.804	2856	2859	2861	rBV3	29996	36891	1.15%	0.090%

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72	19.833	2861	2864	2873	rVV9	78849	134612	4.19%	0.330%
73	19.904	2874	2876	2879	rVV4	29127	31226	0.97%	0.077%
74	19.951	2881	2884	2889	rVB6	27769	41661	1.30%	0.102%
75	20.051	2894	2901	2904	rBV3	83426	142780	4.44%	0.350%
76	20.115	2909	2912	2917	rBV7	24997	35881	1.12%	0.088%
77	20.298	2940	2943	2948	rBV2	64520	80779	2.51%	0.198%
78	20.504	2976	2978	2982	rVB	77664	81291	2.53%	0.199%
79	20.545	2982	2985	2994	rVB8	70236	100498	3.13%	0.246%
80	20.862	3035	3039	3043	rBV	240635	310529	9.66%	0.762%
81	20.992	3057	3061	3062	rBV	228389	269613	8.39%	0.661%
82	21.015	3062	3065	3075	rVB	639411	989770	30.79%	2.428%
83	21.215	3096	3099	3102	rBV	183970	185141	5.76%	0.454%
84	21.304	3109	3114	3122	rBV	1990394	2797470	87.01%	6.861%
85	21.880	3209	3212	3214	rBV	211509	262767	8.17%	0.644%
86	21.909	3214	3217	3226	rVB	1193479	1886710	58.69%	4.627%
87	22.856	3373	3378	3383	rBV	1599505	2188698	68.08%	5.368%
88	22.915	3383	3388	3399	rVV	547792	1081682	33.65%	2.653%
89	23.415	3467	3473	3482	rBV	1415519	2679566	83.35%	6.572%
90	23.562	3492	3498	3509	rVB2	1431614	2818144	87.66%	6.912%
91	24.068	3578	3584	3592	rVB	1761983	3214960	100.00%	7.885%
92	24.162	3596	3600	3612	rVB3	343535	906980	28.21%	2.225%

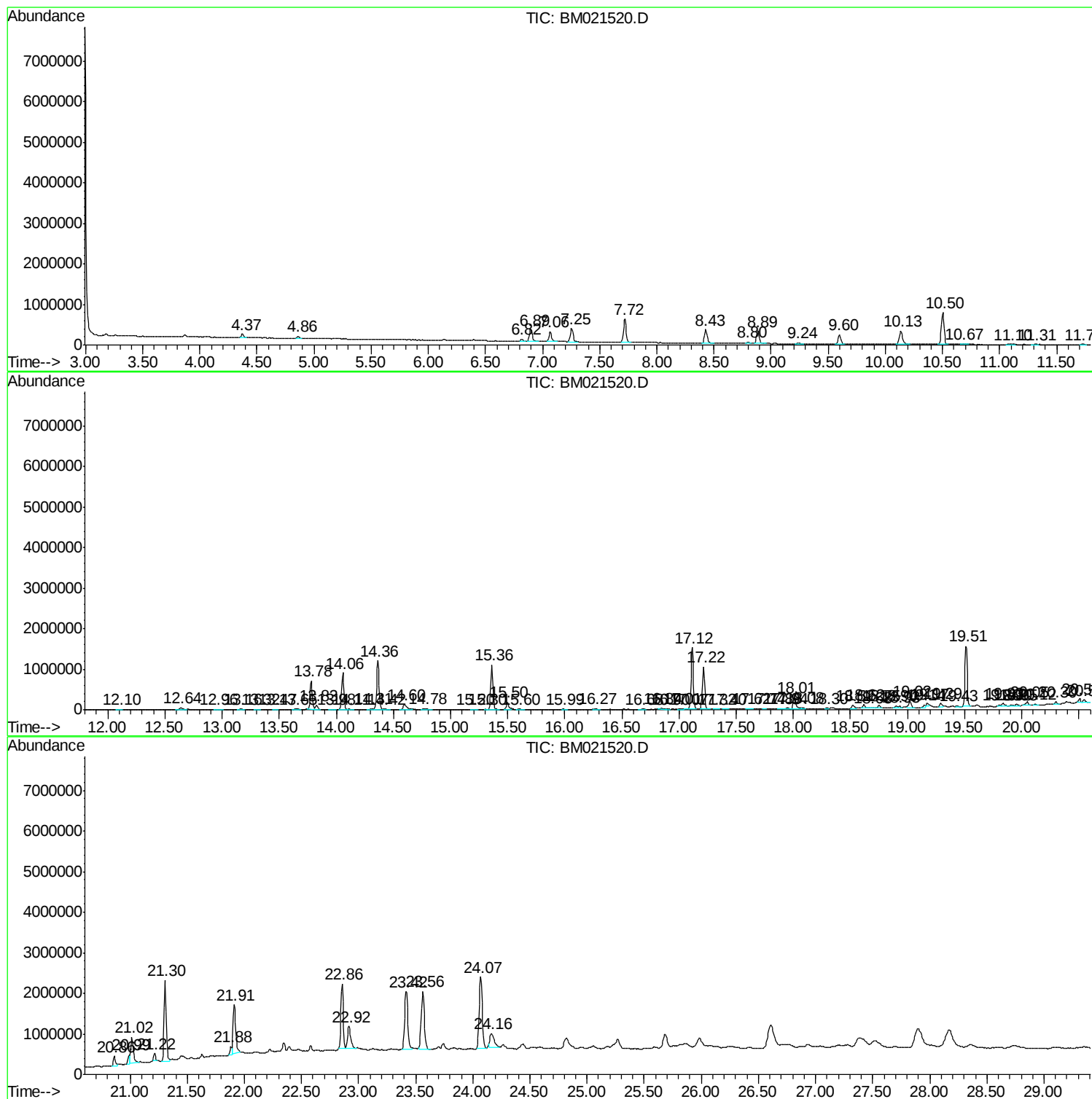
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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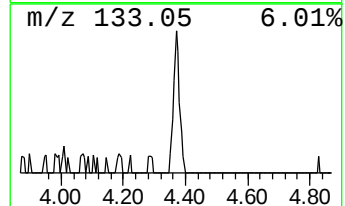
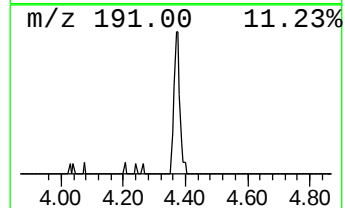
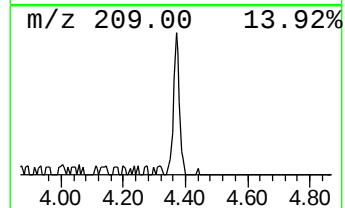
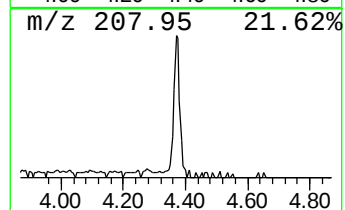
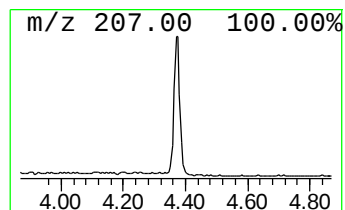
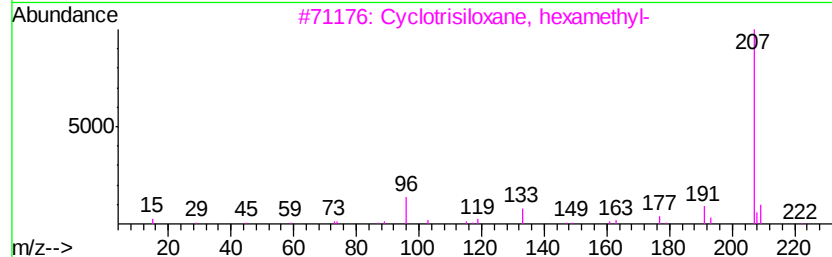
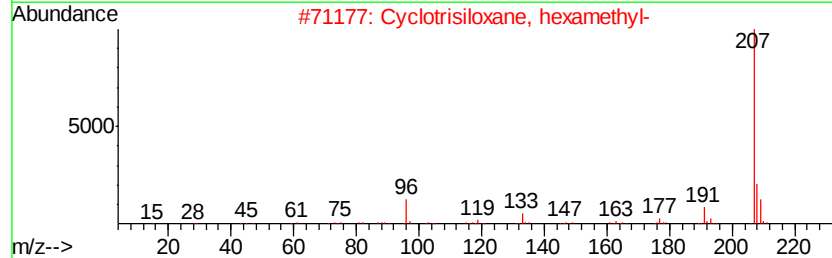
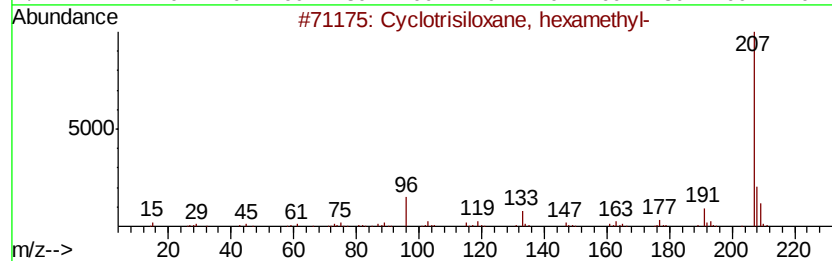
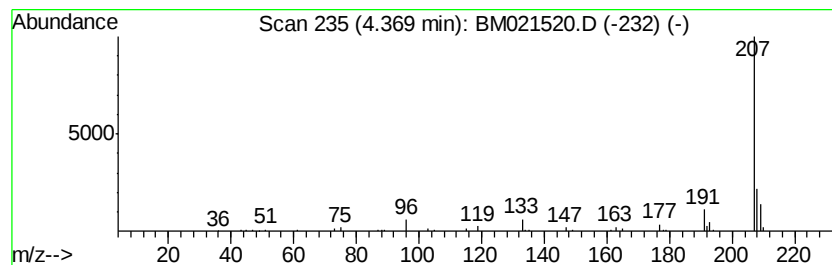
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	2.42 ng/ul	113187	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
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	9



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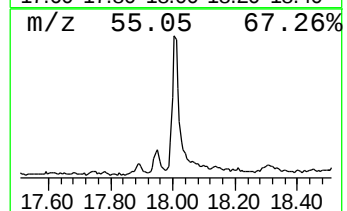
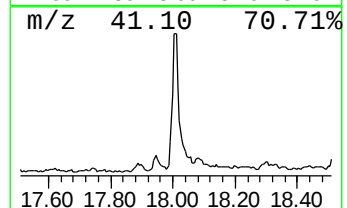
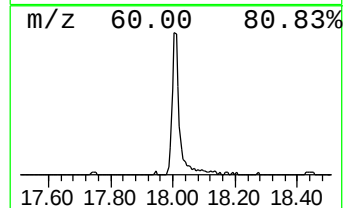
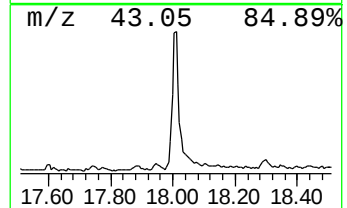
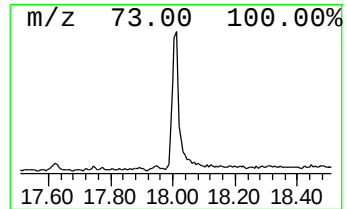
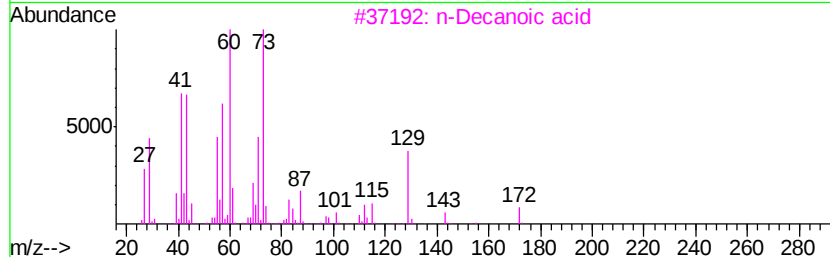
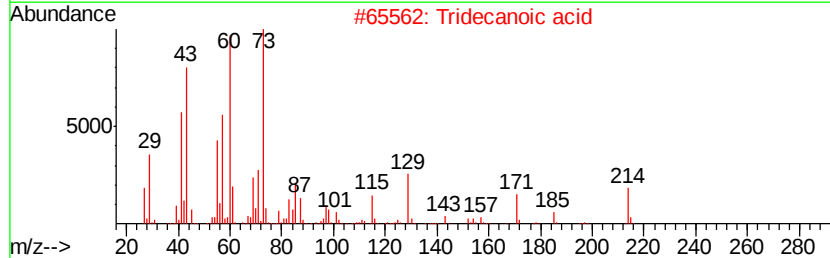
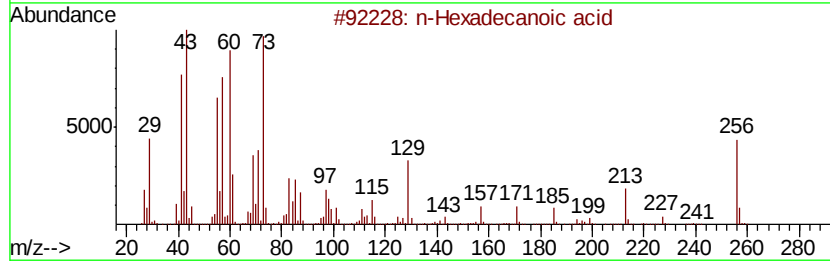
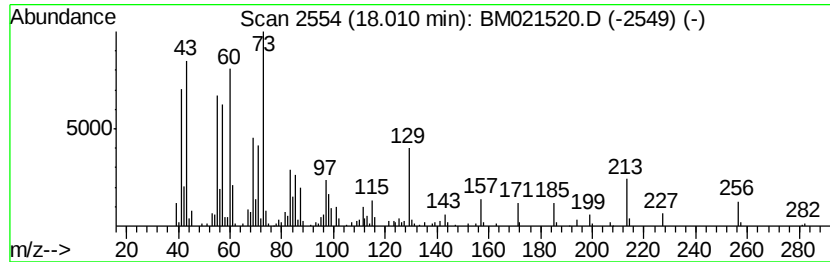
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.26 ng/ul	456344	Phenanthrene-d10	17.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	Tridecanoic acid	214 C13H26O2	000638-53-9	81
3	n-Decanoic acid	172 C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	74
5	Tridecanoic acid	214 C13H26O2	000638-53-9	72



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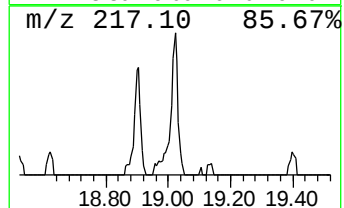
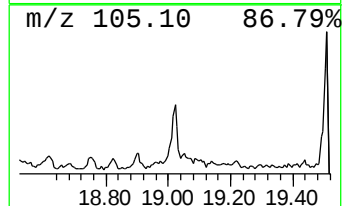
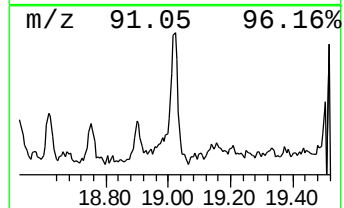
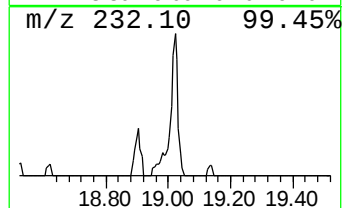
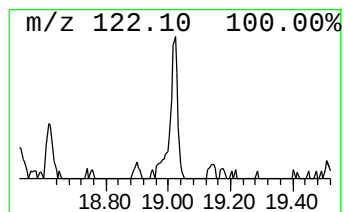
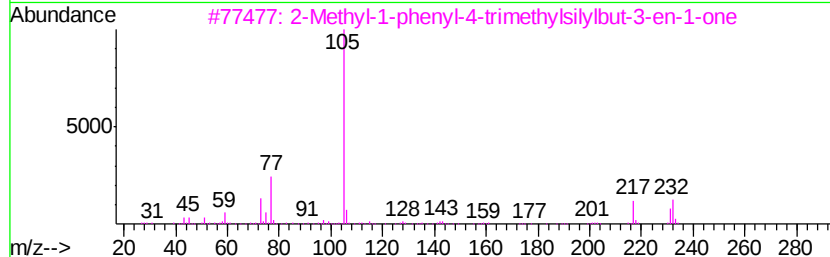
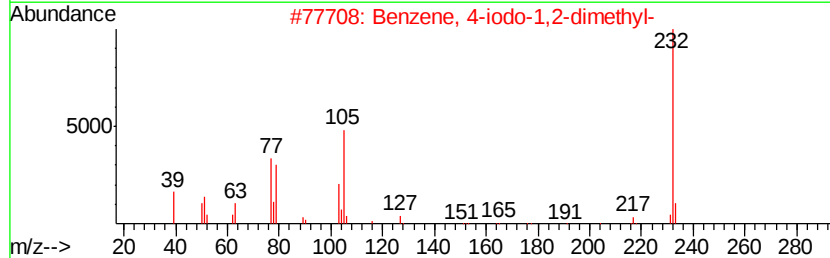
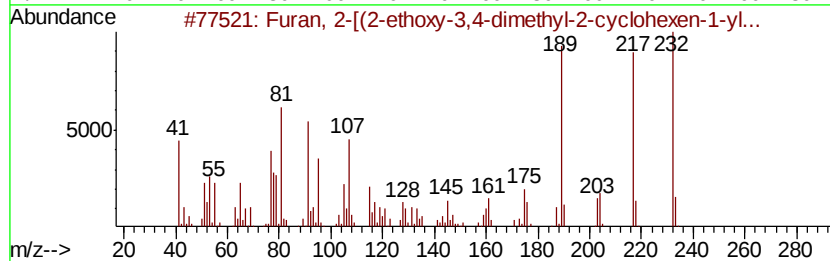
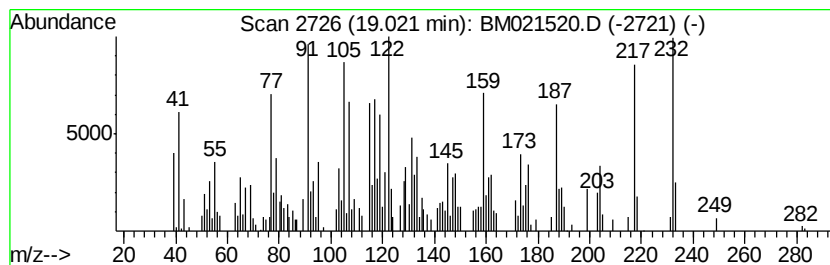
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.02	2.37 ng/ul	253332	Phenanthrene-d10	17.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-[(2-ethoxy-3,4-dimethyl...	232	C15H20O2	055162-49-7	38	
2	Benzene, 4-iodo-1,2-dimethyl-	232	C8H9I	031599-61-8	25	
3	2-Methyl-1-phenyl-4-trimethylsil...	232	C14H20OSi	1000187-23-1	25	
4	2,4-Dimethyl-6-methoxy-8-nitroqu...	232	C12H12N2O3	054232-17-6	25	
5	Benzene, 1-ethyl-4-iodo-	232	C8H9I	025309-64-2	22	



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ClientSampleId :
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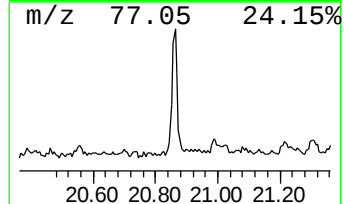
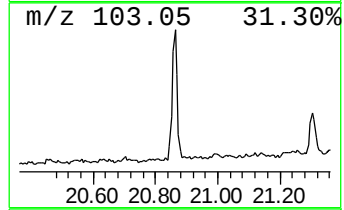
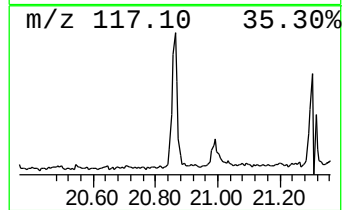
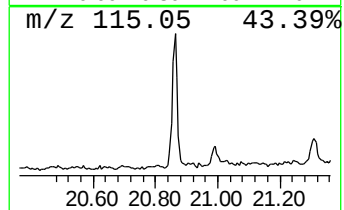
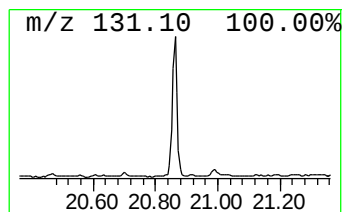
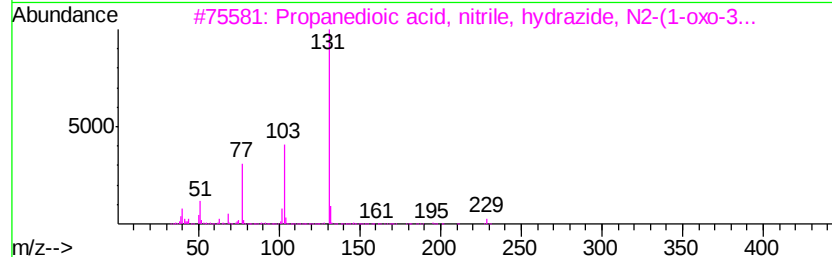
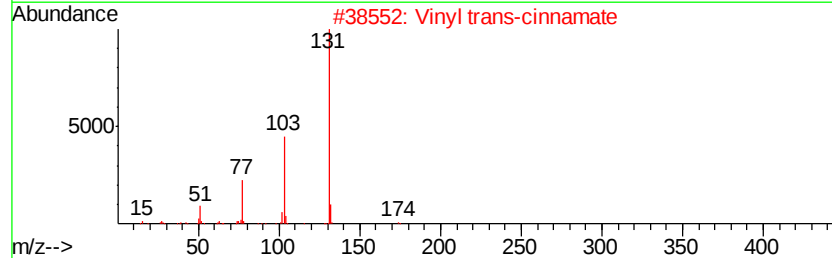
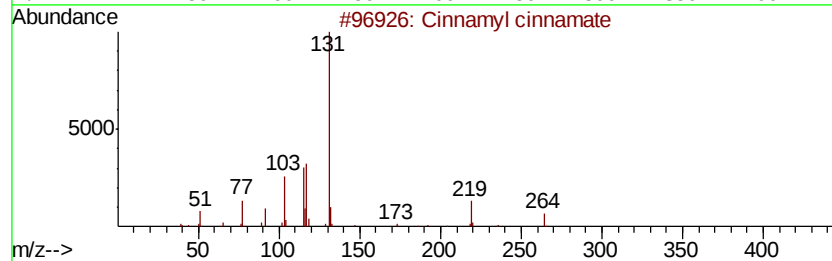
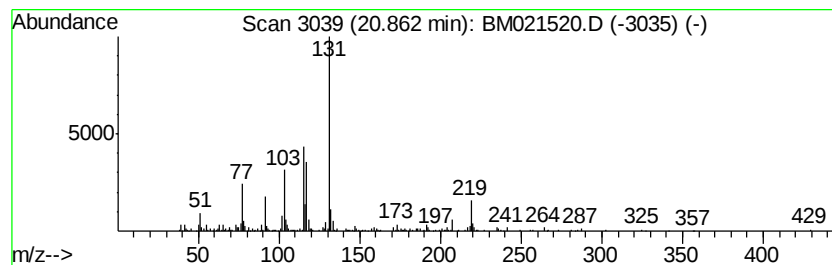
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cinnamyl cinnamate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.22 ng/ul	310529	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	90
2		Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	49
3		Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47
4		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
5		Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021520.D
Acq On : 18 Jul 2019 11:11
Operator : HP/JU
Sample : K3760-14
Misc :
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Instrument :
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ClientSampleId :
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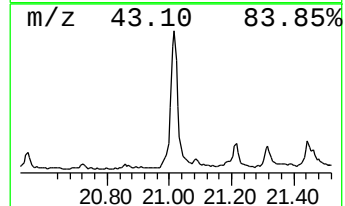
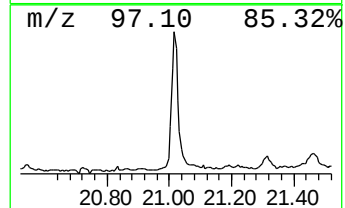
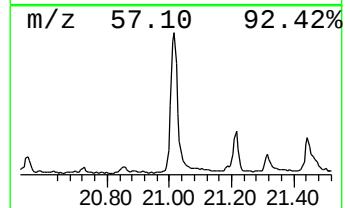
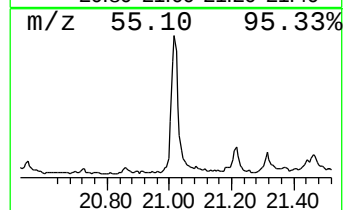
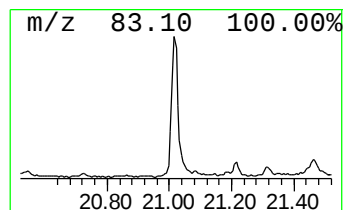
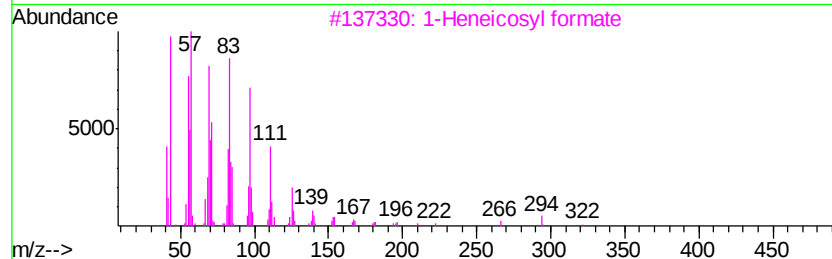
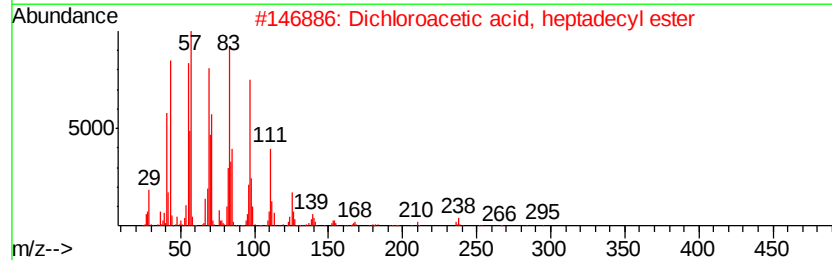
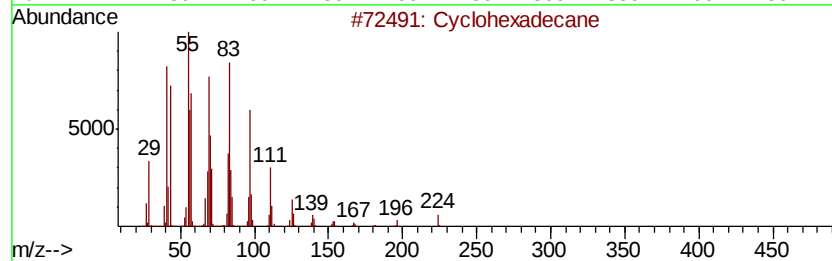
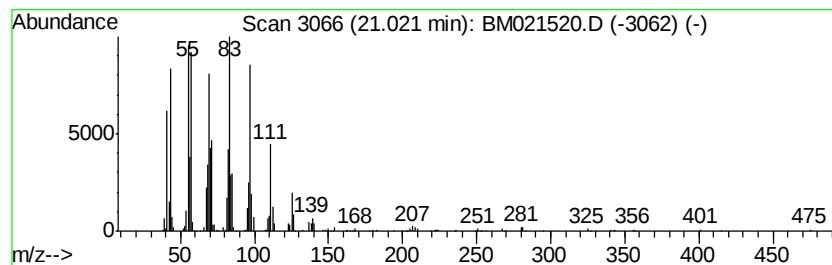
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	7.08 ng/ul	989770	Chrysene-d12	21.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	97
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		Cyclopentadecane	210	C15H30	000295-48-7	93
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021520.D
Acq On : 18 Jul 2019 11:11
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Sample : K3760-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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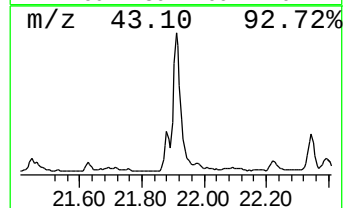
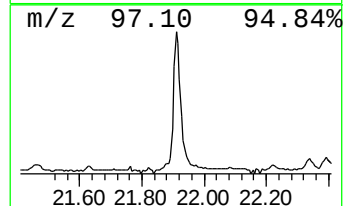
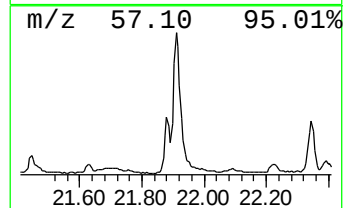
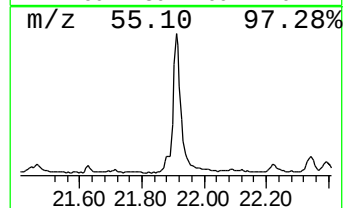
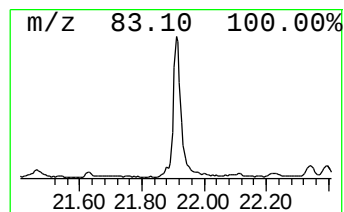
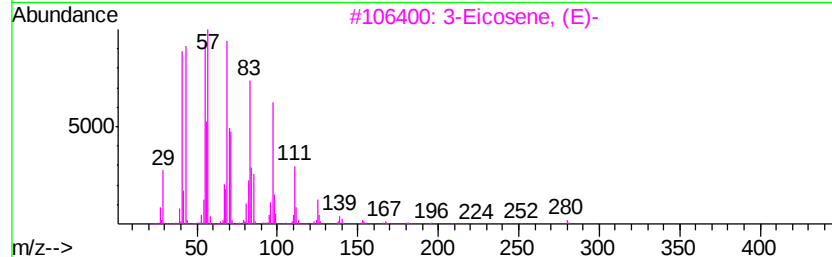
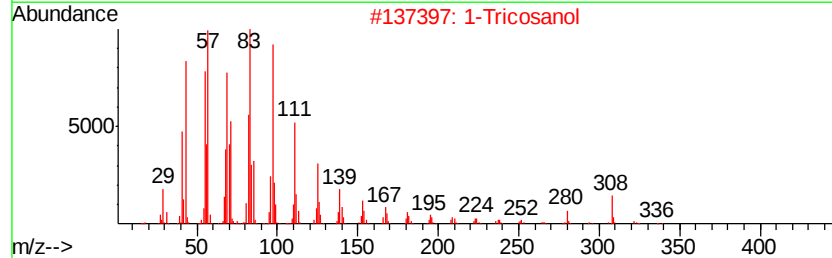
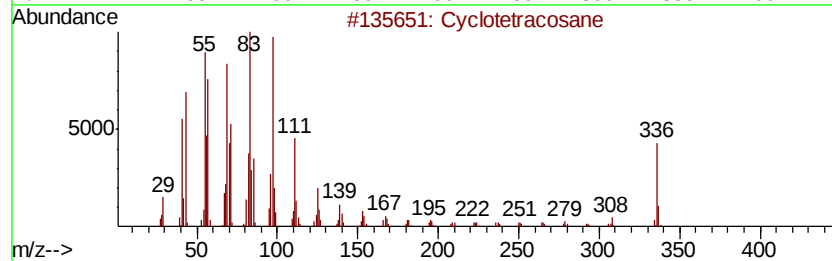
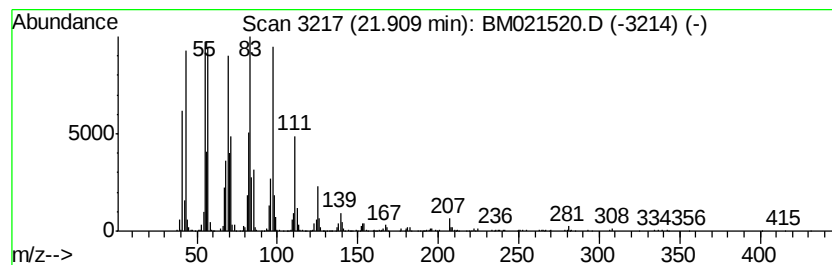
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.91 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	13.49 ng/ul	1886710	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	98
2		1-Tricosanol	340	C23H48O	003133-01-5	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4		1-Nonadecene	266	C19H38	018435-45-5	87
5		1-Docosanol	326	C22H46O	000661-19-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021520.D
Acq On : 18 Jul 2019 11:11
Operator : HP/JU
Sample : K3760-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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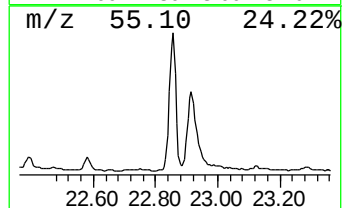
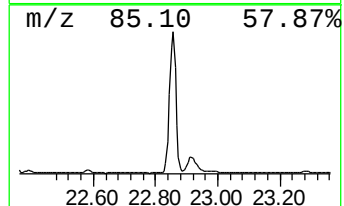
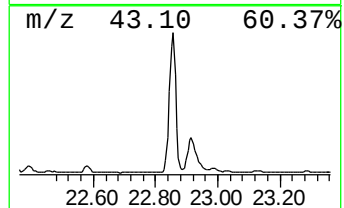
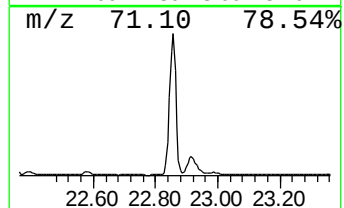
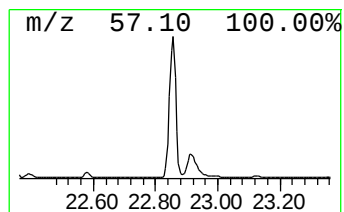
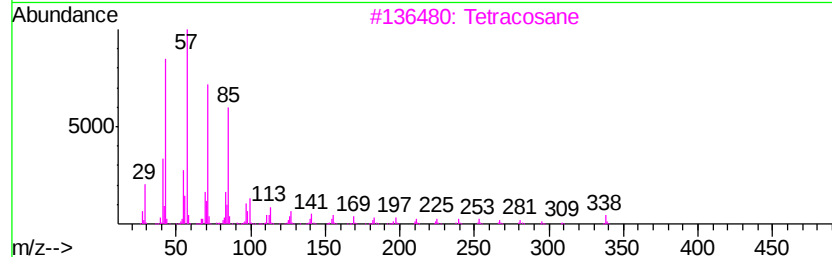
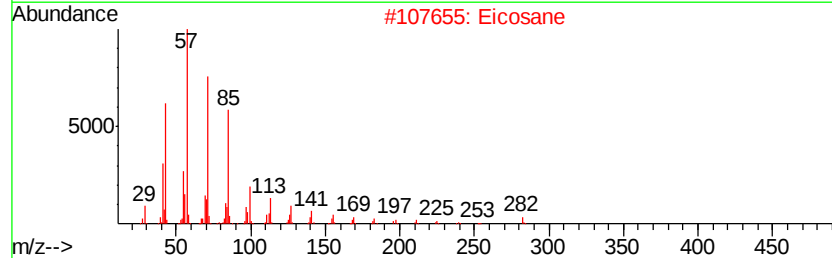
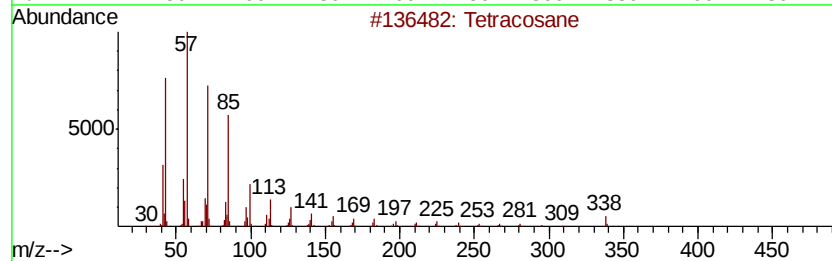
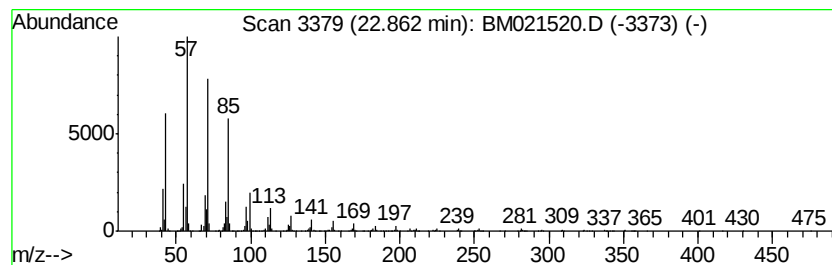
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	15.53 ng/ul	2188700	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Eicosane	282	C20H42	000112-95-8	96
3		Tetracosane	338	C24H50	000646-31-1	95
4		Heptadecane	240	C17H36	000629-78-7	93
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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Sample : K3760-14
Misc :
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Instrument :
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ClientSampleId :
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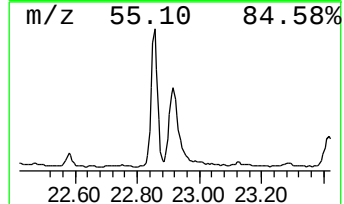
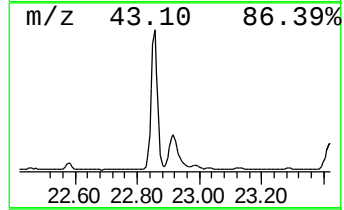
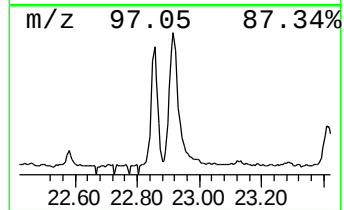
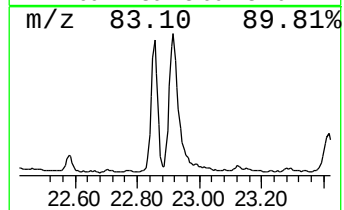
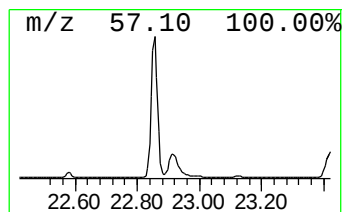
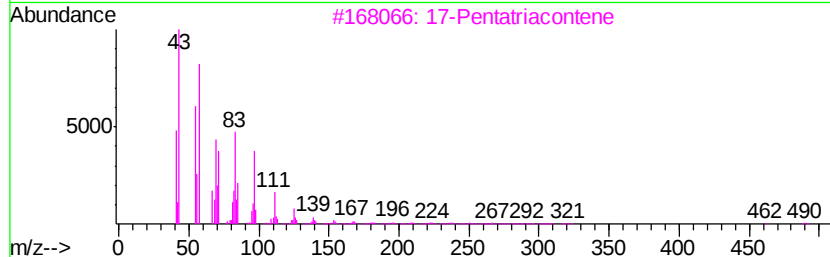
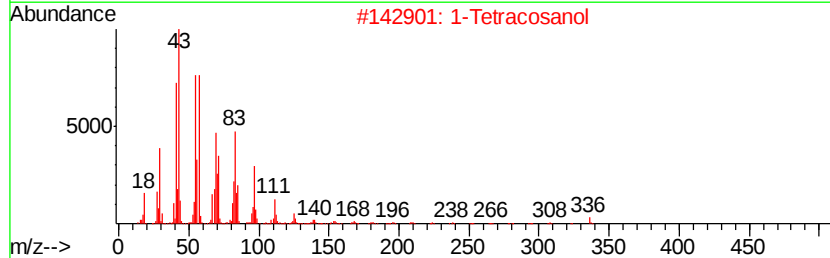
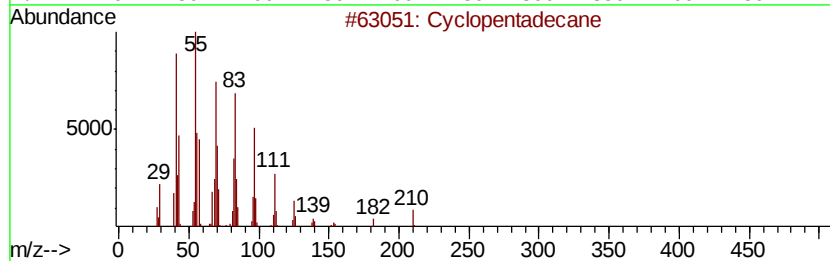
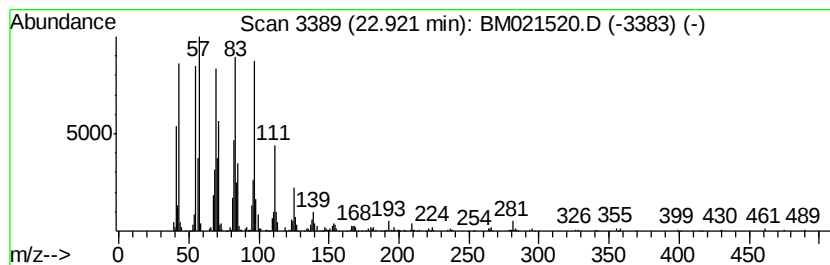
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic22.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	7.68 ng/ul	1081680	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	83
2		1-Tetracosanol	354	C24H50O	000506-51-4	81
3		17-Pentatriacontene	491	C35H70	006971-40-0	81
4		1-Eicosanol	298	C20H42O	000629-96-9	76
5		1-Docosene	308	C22H44	001599-67-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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Acq On : 18 Jul 2019 11:11
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Sample : K3760-14
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Instrument :
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ClientSampleId :
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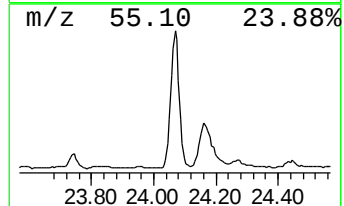
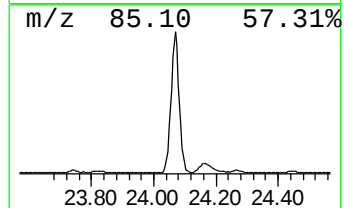
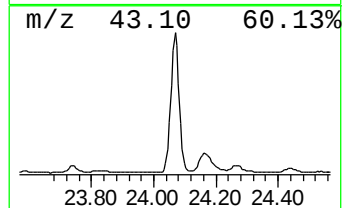
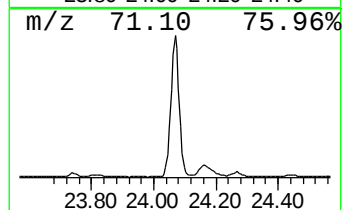
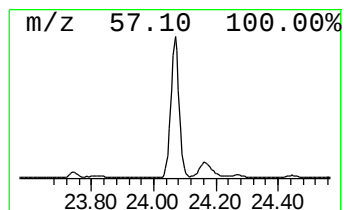
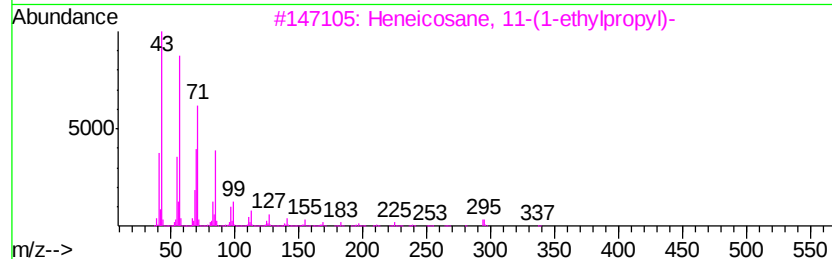
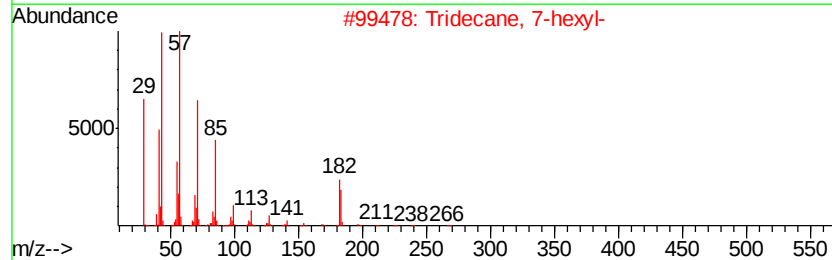
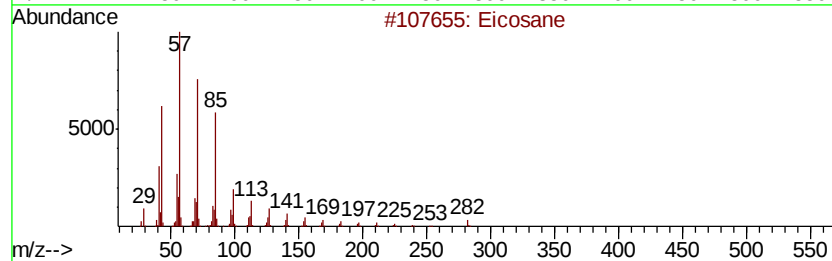
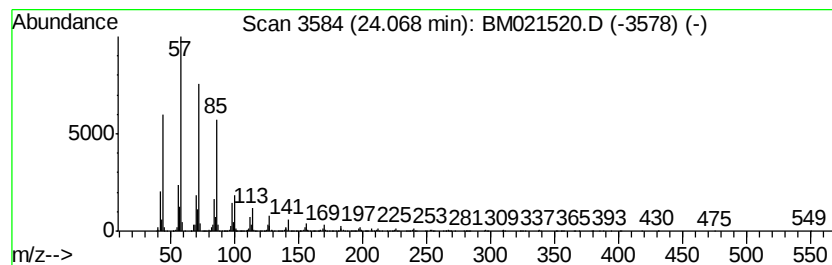
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	22.82 ng/ul	3214960	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Nonacosane	408	C29H60	000630-03-5	91



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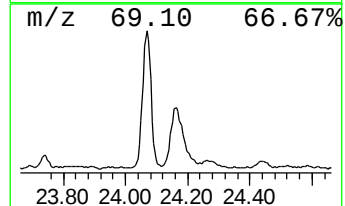
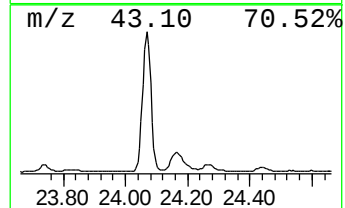
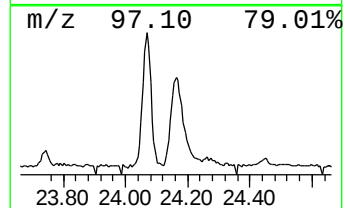
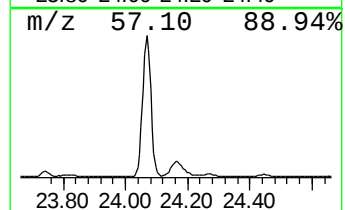
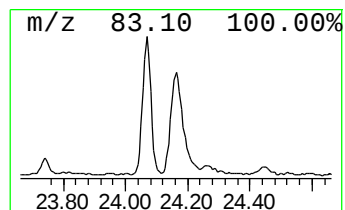
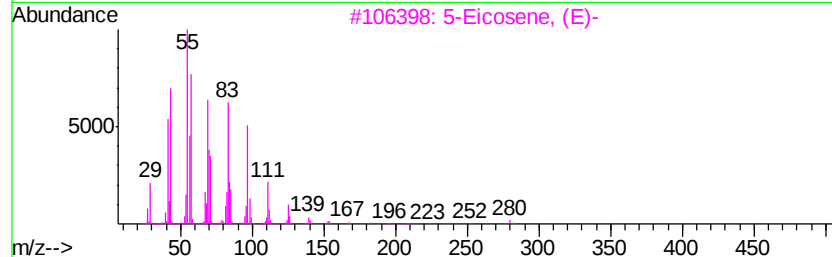
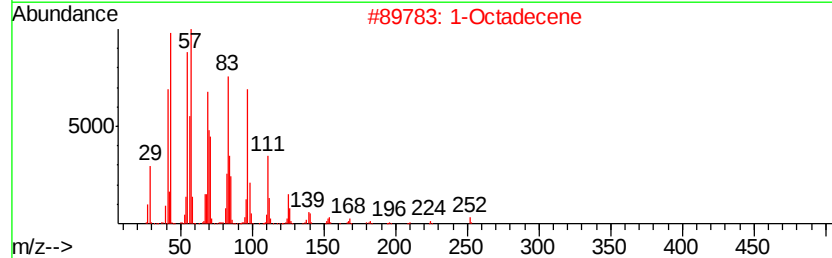
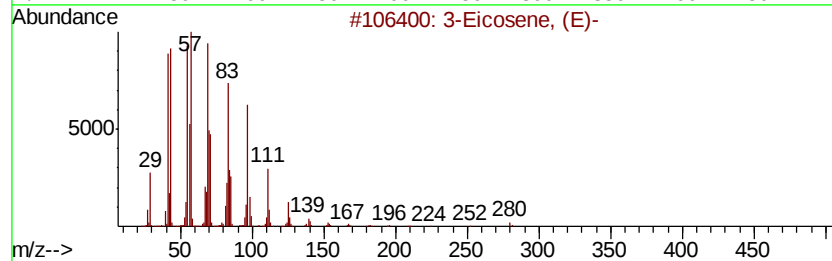
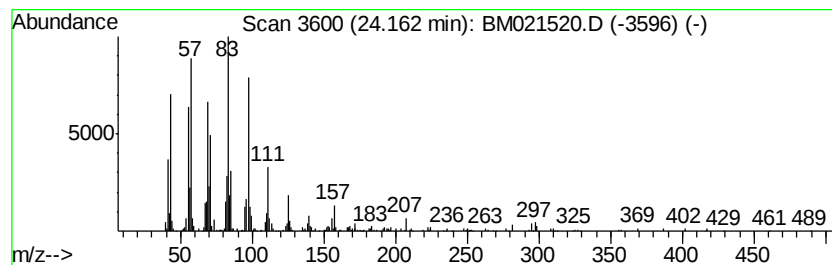
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic24.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	6.44 ng/ul	906980	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	86
2			1-Octadecene	252	C18H36	000112-88-9	86
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	86
4			1-Docosene	308	C22H44	001599-67-3	76
5			Cyclohexane, 1,1'-(2-propyl-1,3-...	250	C18H34	055030-21-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021520.D
Acq On : 18 Jul 2019 11:11
Operator : HP/JU
Sample : K3760-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8Z4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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,...	4.37	2.4	ng/ul	113187	1	7.72	935865	20.0
n-Hexadecanoic acid	18.01	4.3	ng/ul	456344	4	17.12	2142170	20.0
unknown-01	19.02	2.4	ng/ul	253332	4	17.12	2142170	20.0
Cinnamyl cinnamate	20.86	2.2	ng/ul	310529	5	21.30	2797470	20.0
(DEL) Alkane: Cyc...	21.02	7.1	ng/ul	989770	5	21.30	2797470	20.0
(DEL) Alkane: Cyc...	21.91	13.5	ng/ul	1886710	5	21.30	2797470	20.0
(DEL) Alkane: Str...	22.86	15.5	ng/ul	2188700	6	23.56	2818140	20.0
(DEL) Alkane: Cyc...	22.92	7.7	ng/ul	1081680	6	23.56	2818140	20.0
(DEL) Alkane: Str...	24.07	22.8	ng/ul	3214960	6	23.56	2818140	20.0
(DEL) Alkane: Cyc...	24.16	6.4	ng/ul	906980	6	23.56	2818140	20.0