

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021295.D
 Acq On : 30 Jun 2019 12:56
 Operator : HP/JU
 Sample : K3590-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	12	rVB	3958932	4430132	6.90%	0.861%
2	4.404	236	241	253	rVB	651535	889297	1.39%	0.173%
3	6.434	579	586	594	rVB	804965	1222291	1.90%	0.237%
4	6.839	641	655	656	rVV	343413	1019676	1.59%	0.198%
5	6.857	656	658	664	rVV	477389	550399	0.86%	0.107%
6	6.934	664	671	682	rVB	1304832	2203154	3.43%	0.428%
7	7.051	682	691	695	rBV2	222286	412645	0.64%	0.080%
8	7.098	695	699	708	rVV	982107	1472964	2.30%	0.286%
9	7.186	708	714	726	rVB	449809	858769	1.34%	0.167%
10	7.292	726	732	738	rBV	1379782	2139559	3.33%	0.416%
11	7.757	804	811	817	rBV	1509275	2316765	3.61%	0.450%
12	8.463	925	931	941	rVB	1651222	2709624	4.22%	0.526%
13	8.922	1002	1009	1019	rVV	1300999	2283273	3.56%	0.444%
14	9.280	1063	1070	1074	rBV	320914	475937	0.74%	0.092%
15	9.633	1120	1130	1144	rBV	1133297	1924385	3.00%	0.374%
16	9.857	1162	1168	1180	rVB5	263096	681783	1.06%	0.132%
17	10.169	1213	1221	1236	rVB	1918231	3232293	5.04%	0.628%
18	10.545	1278	1285	1291	rBV	2014877	3323111	5.18%	0.646%
19	11.769	1489	1493	1501	rVB	199712	312095	0.49%	0.061%
20	13.263	1742	1747	1753	rBV3	239842	424448	0.66%	0.082%
21	13.704	1817	1822	1830	rVB2	434872	661621	1.03%	0.129%
22	13.815	1830	1841	1845	rBV	3141028	4735986	7.38%	0.920%
23	13.857	1845	1848	1854	rVV	663619	924121	1.44%	0.180%
24	14.092	1882	1888	1894	rVB	3670882	5226123	8.14%	1.015%
25	14.345	1924	1931	1935	rBV	172662	280804	0.44%	0.055%
26	14.398	1935	1940	1946	rVV2	2782111	4437806	6.92%	0.862%
27	14.457	1946	1950	1962	rVB3	364392	798583	1.24%	0.155%
28	14.633	1970	1980	1990	rBV4	1322297	3047650	4.75%	0.592%
29	14.774	1999	2004	2008	rBV	194878	308035	0.48%	0.060%
30	14.821	2008	2012	2016	rBV	489903	675021	1.05%	0.131%
31	15.304	2086	2094	2098	rBV2	402132	672560	1.05%	0.131%
32	15.398	2103	2110	2116	rVV	4760755	6825769	10.64%	1.326%
33	15.527	2127	2132	2139	rBV	624623	879575	1.37%	0.171%
34	15.962	2199	2206	2214	rVB3	661850	1074471	1.67%	0.209%

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35	16.256	2251	2256	2261	rBV2	242294	421328	0.66%	0.082%
36	16.474	2289	2293	2301	rVB	205184	344776	0.54%	0.067%
37	16.556	2301	2307	2311	rBV	1182070	1603351	2.50%	0.312%
38	16.651	2319	2323	2336	rVB	395853	610741	0.95%	0.119%
39	16.904	2359	2366	2373	rBV8	236384	719727	1.12%	0.140%
40	16.974	2373	2378	2383	rVB2	307401	581552	0.91%	0.113%
41	17.051	2386	2391	2398	rBV	1438933	1920279	2.99%	0.373%
42	17.115	2398	2402	2404	rVV	671871	853248	1.33%	0.166%
43	17.151	2404	2408	2412	rVV2	2983961	4619493	7.20%	0.898%
44	17.186	2412	2414	2419	rVV	1271256	1835605	2.86%	0.357%
45	17.251	2419	2425	2431	rVV2	3739083	6244516	9.73%	1.213%
46	17.315	2431	2436	2446	rVB2	2443671	3661894	5.71%	0.711%
47	17.527	2469	2472	2477	rBV2	230822	323261	0.50%	0.063%
48	17.668	2492	2496	2501	rVB3	216799	331375	0.52%	0.064%
49	17.786	2511	2516	2518	rBV2	316378	484176	0.75%	0.094%
50	17.945	2534	2543	2548	rBV	4441041	8397808	13.09%	1.632%
51	18.003	2548	2553	2558	rVV	6332210	10645887	16.59%	2.068%
52	18.080	2558	2566	2586	rVV	13967917	28020677	43.67%	5.444%
53	18.315	2601	2606	2609	rBV	1428724	1899119	2.96%	0.369%
54	18.350	2609	2612	2617	rVB2	356758	542054	0.84%	0.105%
55	18.480	2630	2634	2639	rVB3	435946	554795	0.86%	0.108%
56	18.539	2640	2644	2647	rBV3	277656	344403	0.54%	0.067%
57	18.662	2660	2665	2670	rVB2	996723	1435089	2.24%	0.279%
58	18.715	2670	2674	2679	rBV2	399382	613556	0.96%	0.119%
59	18.986	2718	2720	2727	rVB2	424822	734107	1.14%	0.143%
60	19.056	2727	2732	2738	rBV	3357490	4478300	6.98%	0.870%
61	19.115	2739	2742	2749	rVB2	338916	499594	0.78%	0.097%
62	19.209	2749	2758	2759	rBV2	8040571	15404503	24.01%	2.993%
63	19.233	2760	2762	2776	rVV2	10974487	20840840	32.48%	4.049%
64	19.339	2776	2780	2790	rVB	3818710	4988755	7.77%	0.969%
65	19.550	2810	2816	2819	rBV	4180630	6756902	10.53%	1.313%
66	19.574	2819	2820	2825	rVB	1951681	2003593	3.12%	0.389%
67	19.774	2852	2854	2862	rVB5	519436	684561	1.07%	0.133%
68	20.021	2892	2896	2900	rBV	3306465	4387435	6.84%	0.852%
69	20.227	2926	2931	2936	rBV4	1650381	2500031	3.90%	0.486%
70	20.427	2961	2965	2968	rVB2	967115	1050032	1.64%	0.204%
71	20.521	2977	2981	2982	rBV	801705	901648	1.41%	0.175%

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72	20.592	2982	2993	3000	rVV	26421006	64165568	100.00%	12.467%
73	20.921	3045	3049	3056	rBV2	2023392	2648720	4.13%	0.515%
74	21.039	3065	3069	3079	rVB3	4794501	6568934	10.24%	1.276%
75	21.209	3095	3098	3102	rBV2	437508	596928	0.93%	0.116%
76	21.344	3114	3121	3125	rBV2	4221948	7639303	11.91%	1.484%
77	21.662	3172	3175	3178	rVB3	656125	648775	1.01%	0.126%
78	21.921	3216	3219	3220	rBV2	946031	1056519	1.65%	0.205%
79	21.944	3220	3223	3232	rVB3	2786001	3767415	5.87%	0.732%
80	22.127	3251	3254	3260	rVB4	657818	937354	1.46%	0.182%
81	22.627	3333	3339	3347	rVB	10921404	15500599	24.16%	3.012%
82	22.903	3381	3386	3389	rBV	2904373	4838200	7.54%	0.940%
83	22.962	3389	3396	3405	rVB2	18508832	33574522	52.32%	6.523%
84	23.421	3471	3474	3478	rBV	677173	1007490	1.57%	0.196%
85	23.474	3478	3483	3488	rVV	3376865	5963962	9.29%	1.159%
86	23.521	3488	3491	3500	rVB	1142633	2195477	3.42%	0.427%
87	23.621	3502	3508	3514	rBV2	2169791	4457450	6.95%	0.866%
88	23.797	3533	3538	3547	rVB	3781670	6762395	10.54%	1.314%
89	24.132	3589	3595	3602	rVB	4622688	9241659	14.40%	1.796%
90	24.232	3603	3612	3624	rVB	17340879	37741335	58.82%	7.333%
91	24.503	3654	3658	3667	rVB4	944259	1968229	3.07%	0.382%
92	24.897	3718	3725	3738	rVB5	2107727	5117432	7.98%	0.994%
93	25.350	3795	3802	3819	rVB	3310127	8521621	13.28%	1.656%
94	25.774	3867	3874	3879	rBV	2052694	5509086	8.59%	1.070%
95	25.926	3894	3900	3913	rVB3	1681957	4685039	7.30%	0.910%
96	26.068	3916	3924	3943	rVB6	2482395	9303704	14.50%	1.808%
97	26.715	4023	4034	4045	rVB2	8301655	26986827	42.06%	5.243%
98	27.485	4159	4165	4175	rVB4	2087455	6216915	9.69%	1.208%
99	27.615	4179	4187	4212	rVB3	2485447	8890413	13.86%	1.727%
100	28.309	4293	4305	4322	rVB2	5780803	22498373	35.06%	4.371%

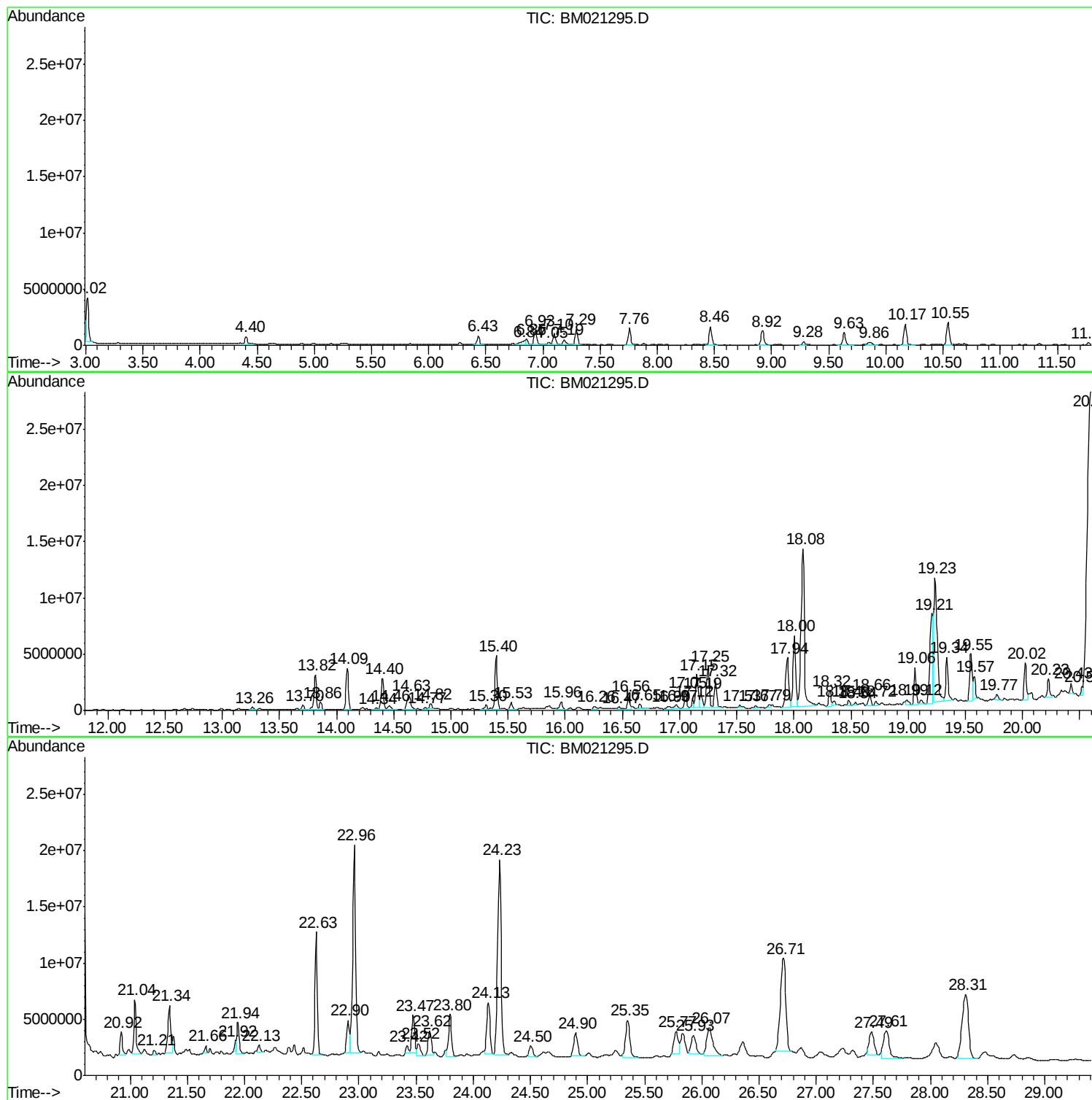
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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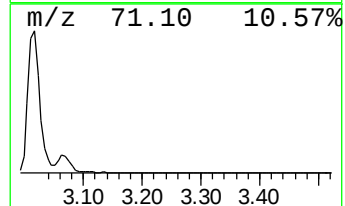
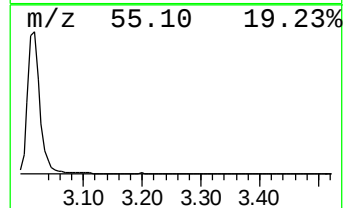
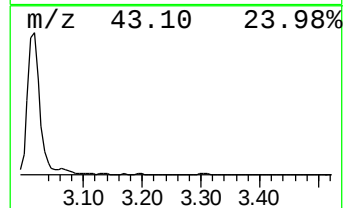
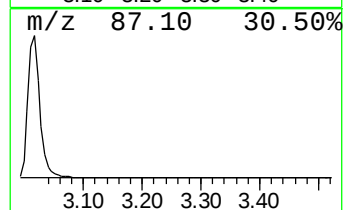
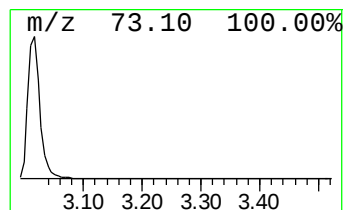
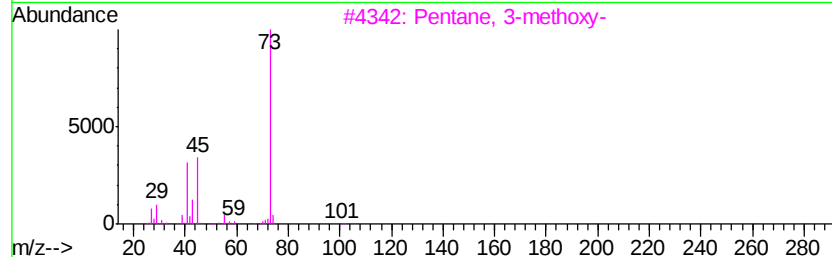
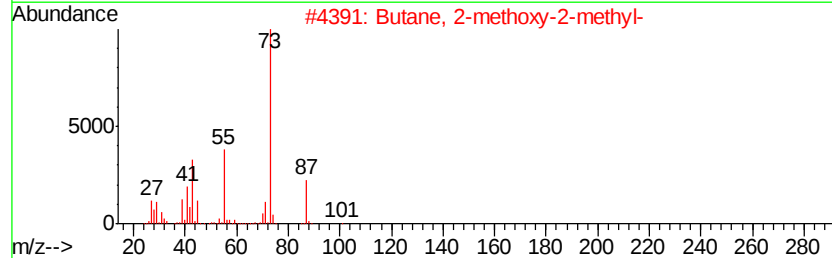
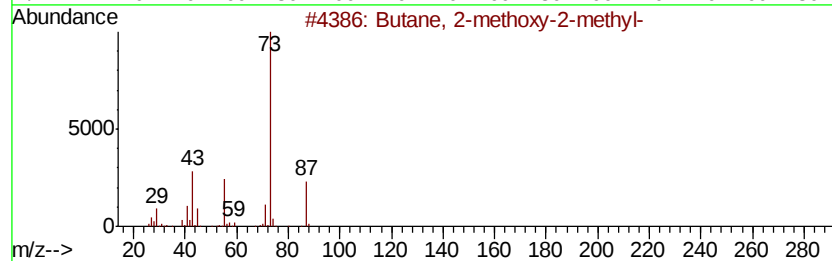
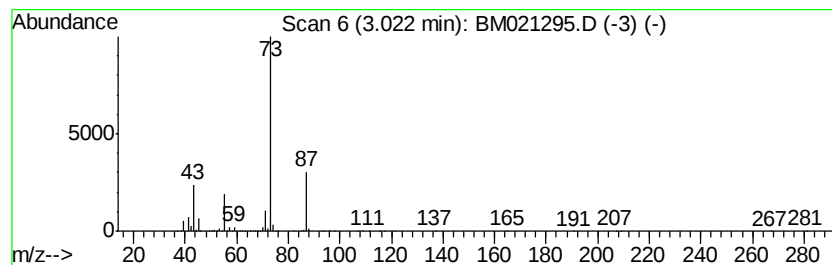
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	38.24 ng/ul	4430130	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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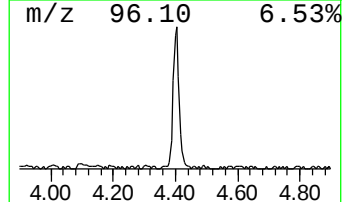
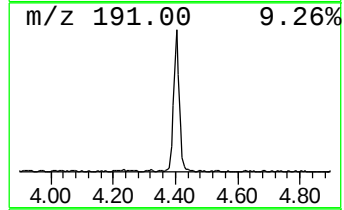
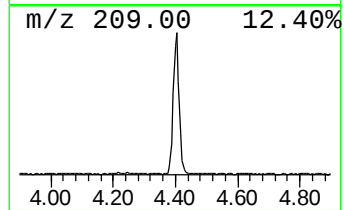
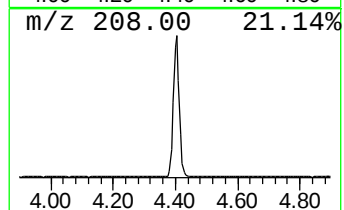
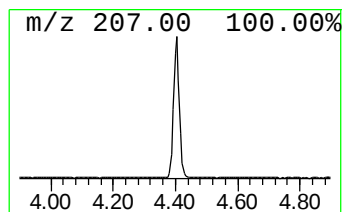
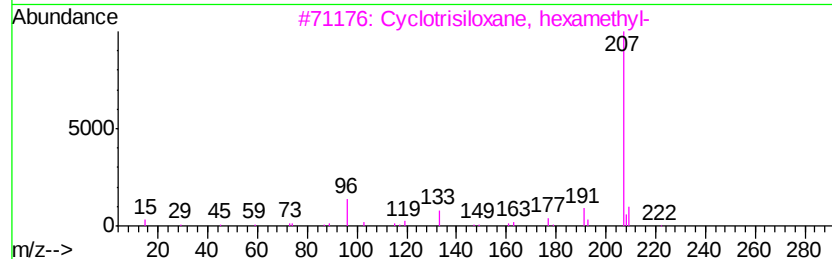
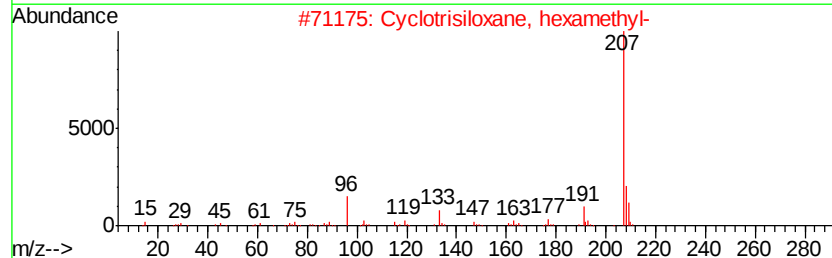
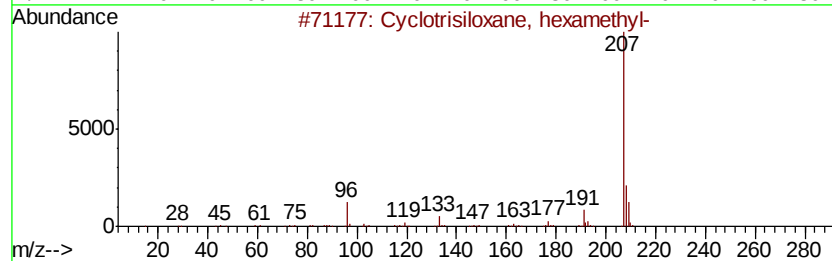
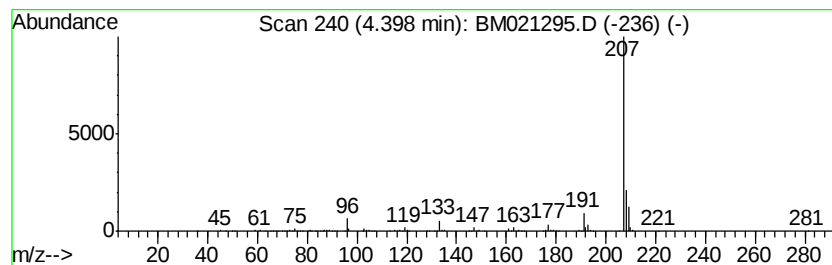
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	7.68 ng/ul	889297	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
3		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
5		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39



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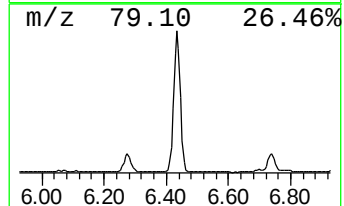
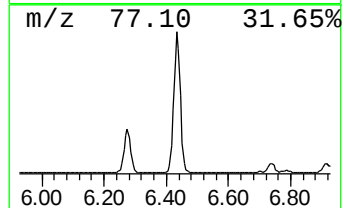
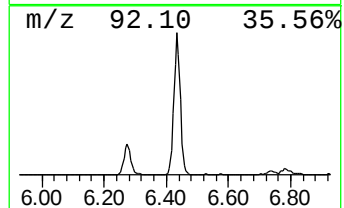
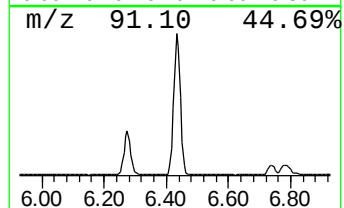
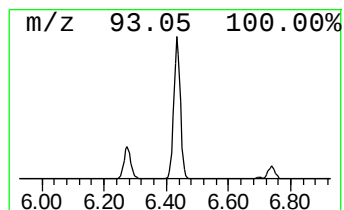
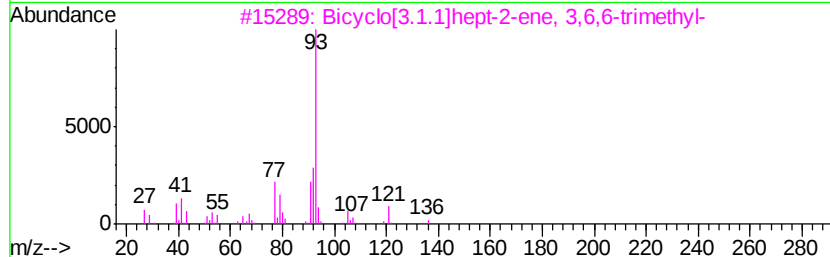
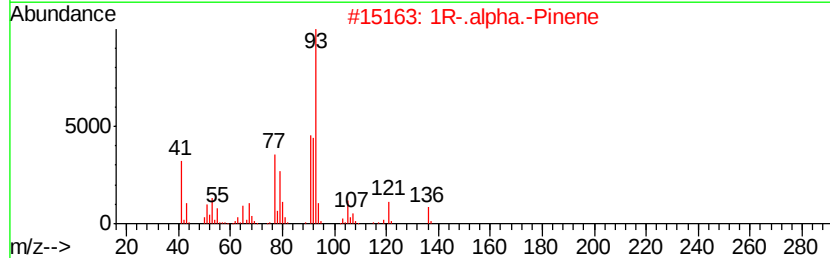
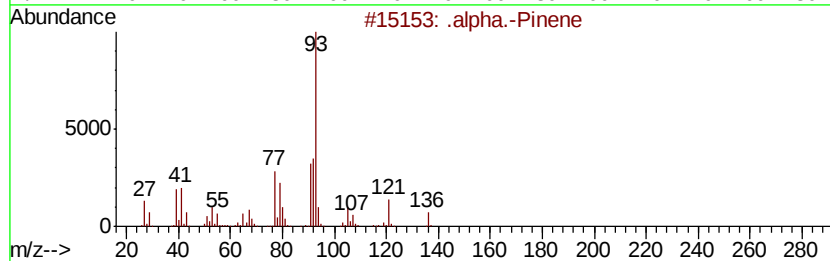
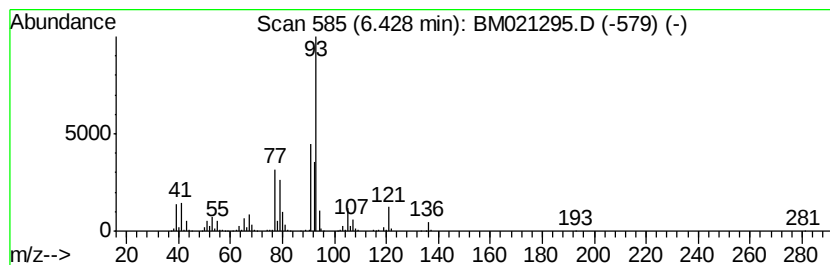
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 .alpha.-Pinene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	10.55 ng/ul	1222290	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	95
2		1R-.alpha.-Pinene	136	C10H16	007785-70-8	94
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4		.alpha.-Pinene	136	C10H16	000080-56-8	94
5		Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94



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Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
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ClientSampleId :
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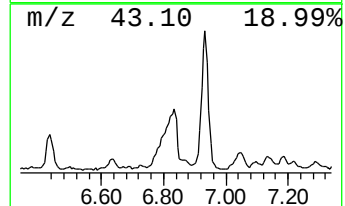
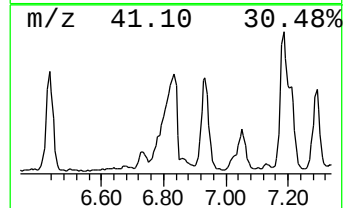
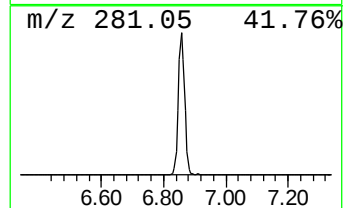
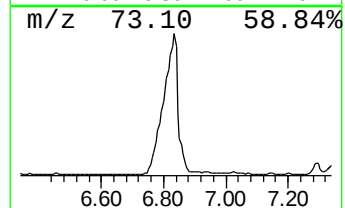
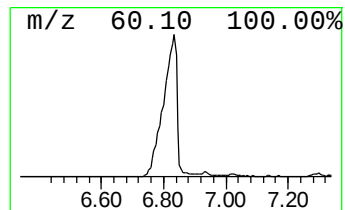
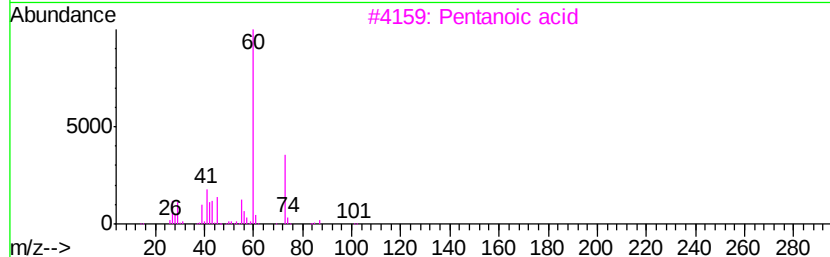
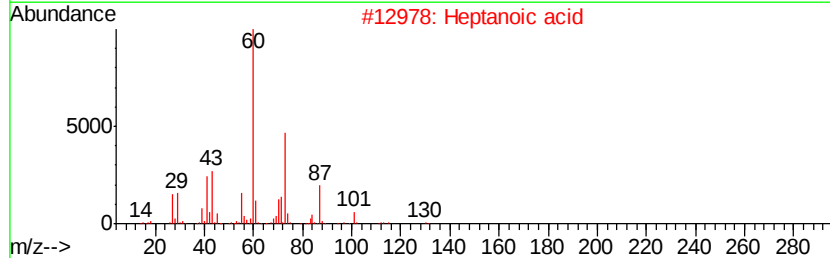
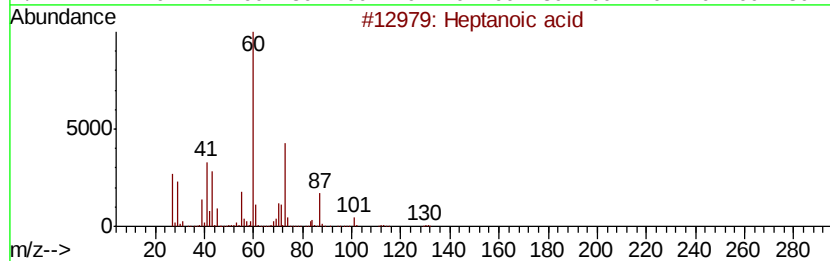
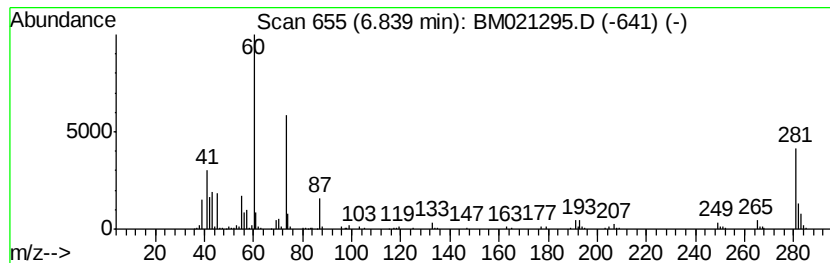
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	8.80 ng/ul	1019680	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanoic acid	130	C7H14O2	000111-14-8	50
2		Heptanoic acid	130	C7H14O2	000111-14-8	50
3		Pentanoic acid	102	C5H10O2	000109-52-4	47
4		Hexanoic acid	116	C6H12O2	000142-62-1	46
5		Hexanoic acid	116	C6H12O2	000142-62-1	43



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ClientSampleId :
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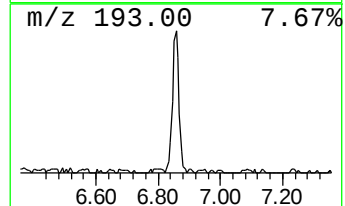
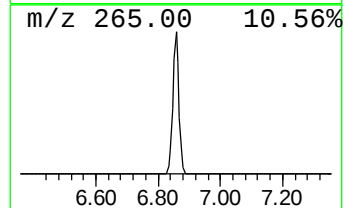
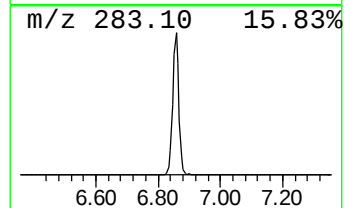
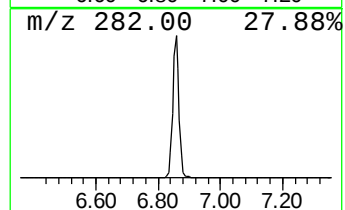
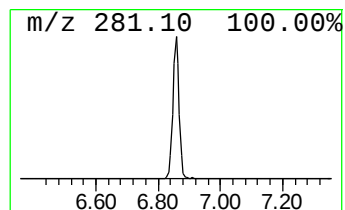
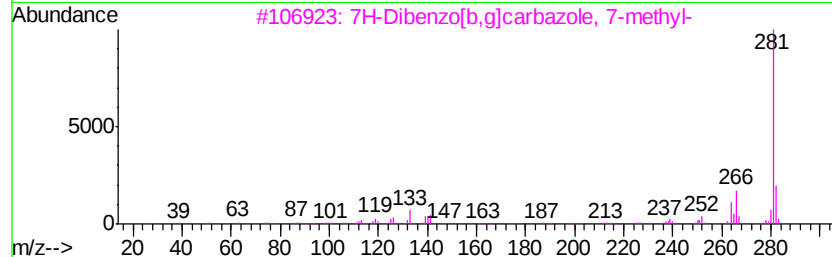
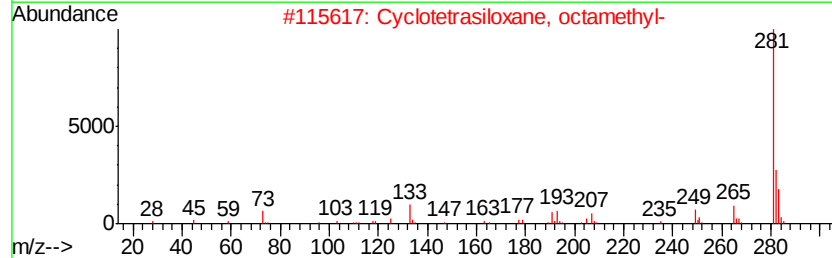
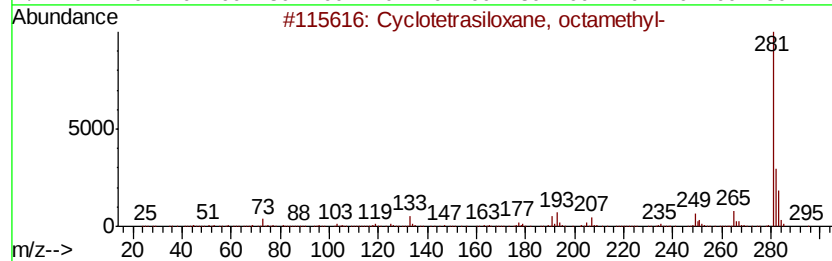
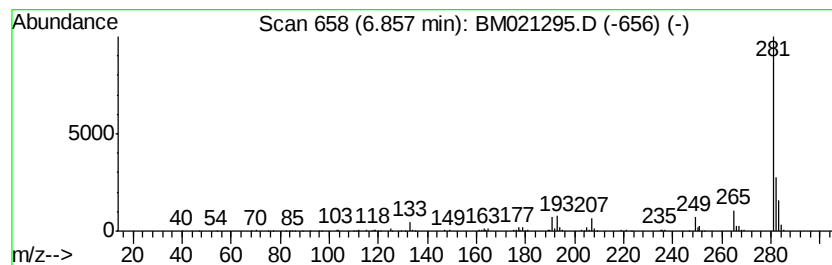
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.75 ng/ul	550399	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3		7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	56
4		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	56
5		4-Amino-5-(4-acetylphenylazo)ben...	281	C14H11N5O2	166766-09-2	53



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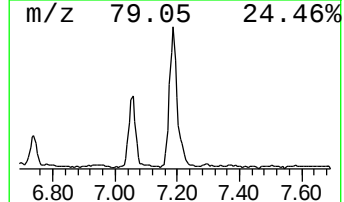
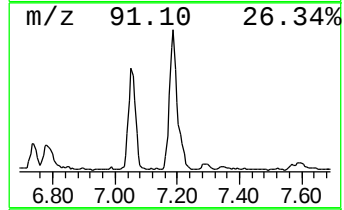
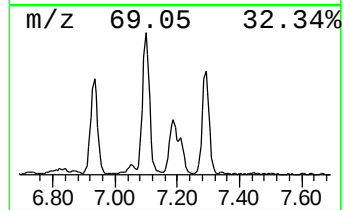
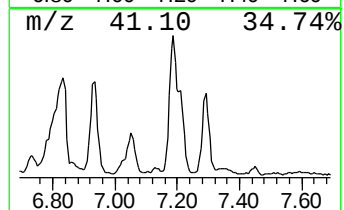
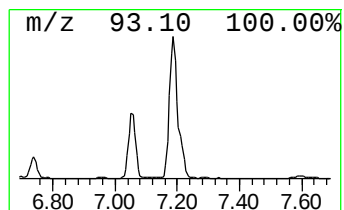
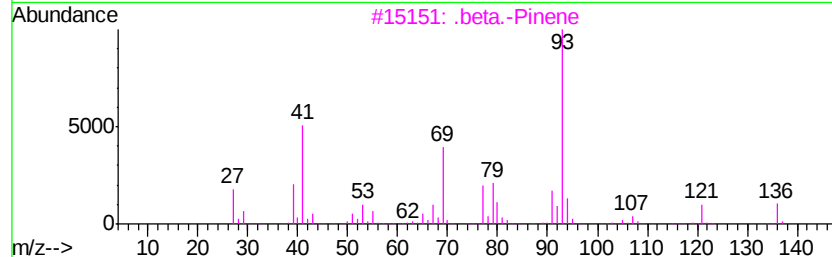
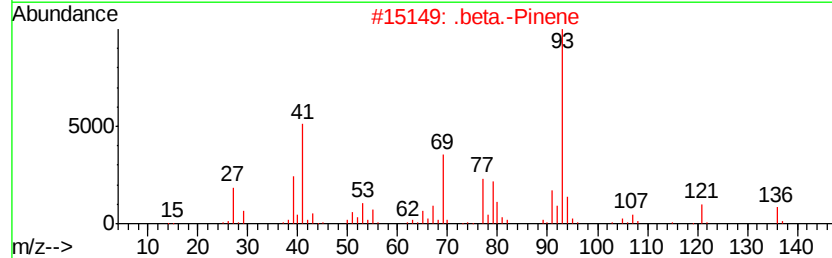
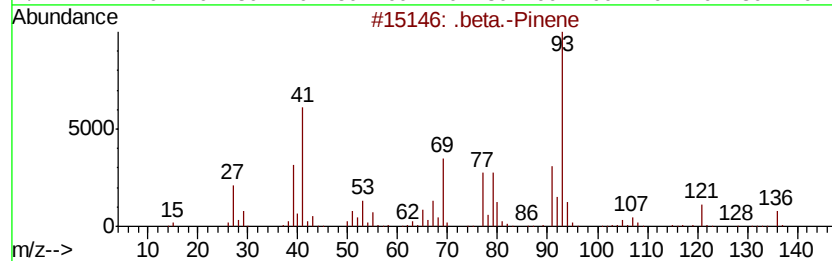
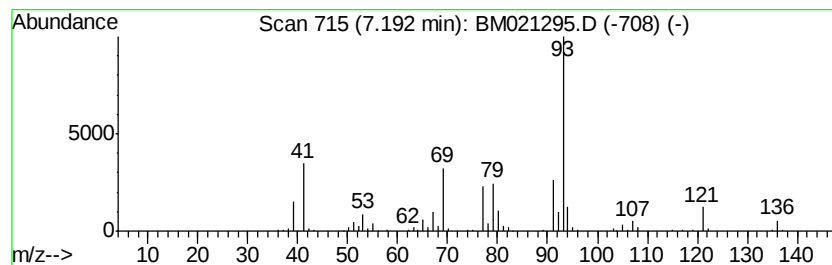
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 .beta.-Pinene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	7.41 ng/ul	858769	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Pinene	136	C10H16	000127-91-3	96
2			.beta.-Pinene	136	C10H16	000127-91-3	91
3			.beta.-Pinene	136	C10H16	000127-91-3	91
4			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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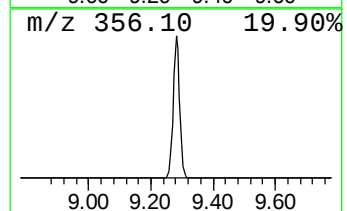
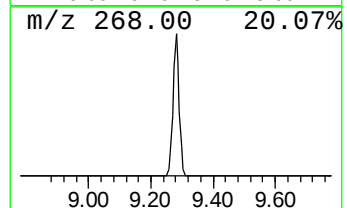
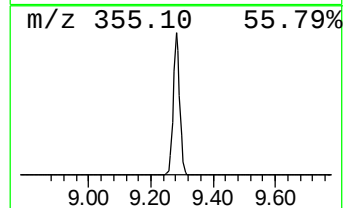
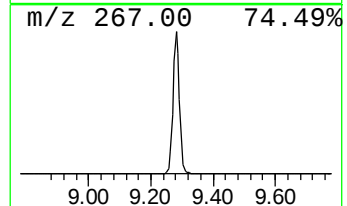
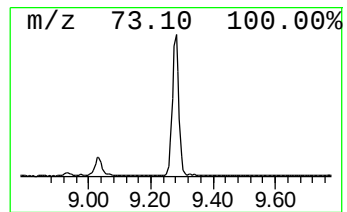
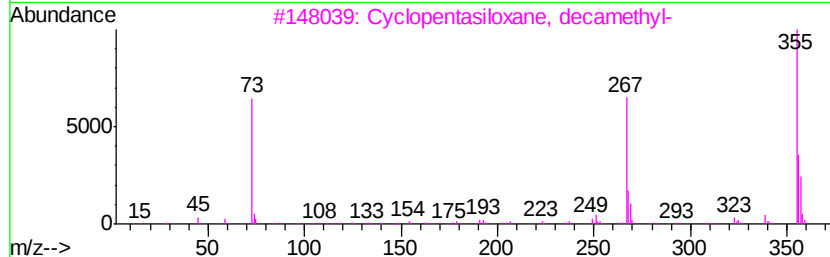
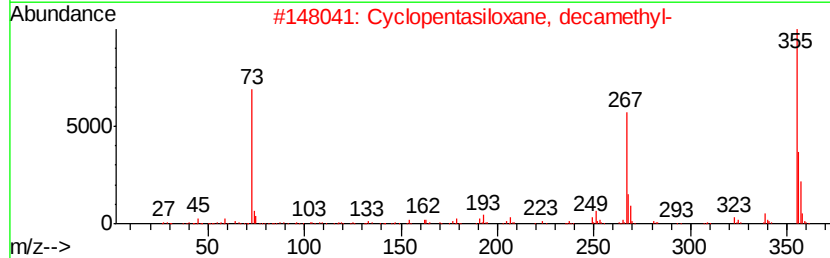
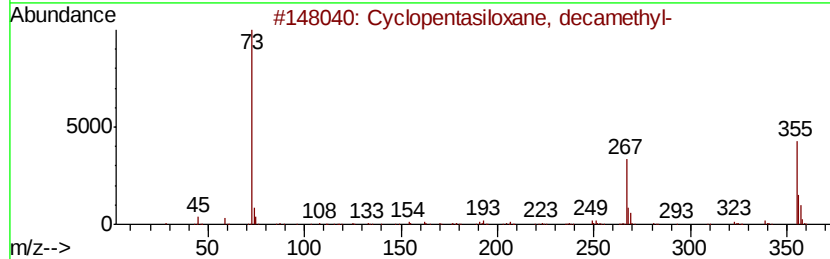
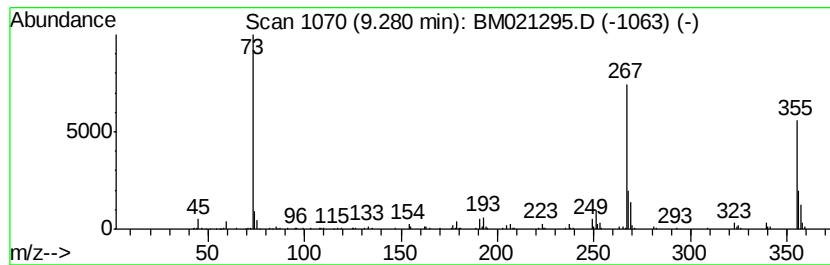
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.86 ng/ul	475937	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
4		p-Trimethylsilyloxyphenyl-bis(tr...	370	C17H34O3Si3	1000079-08-1	47
5		Benzenemethanol, .alpha.-(aminom...	369	C17H35N02Si3	056145-08-5	43



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ALS Vial : 41 Sample Multiplier: 1

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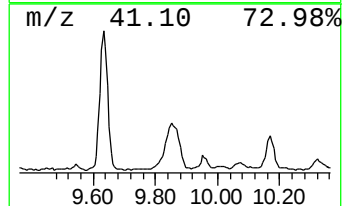
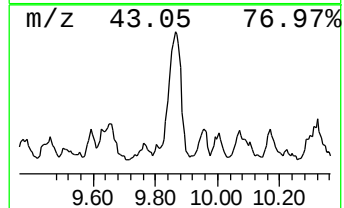
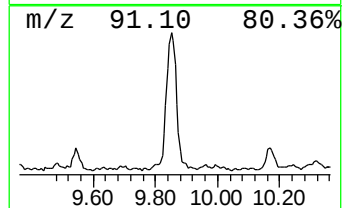
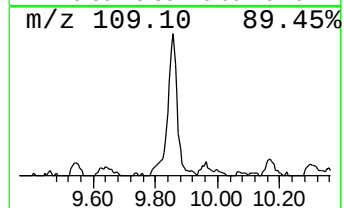
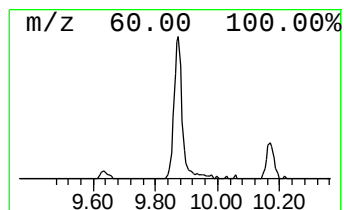
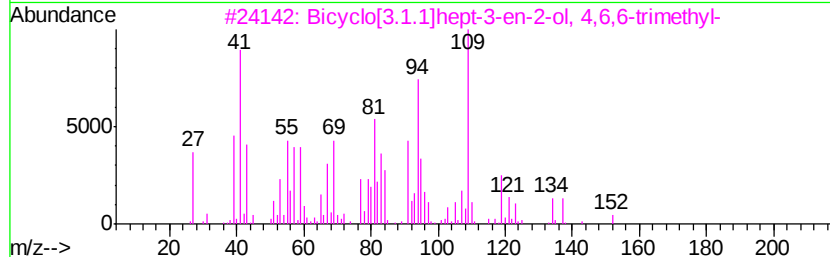
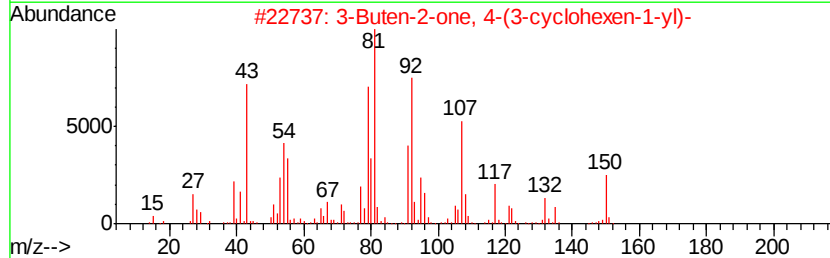
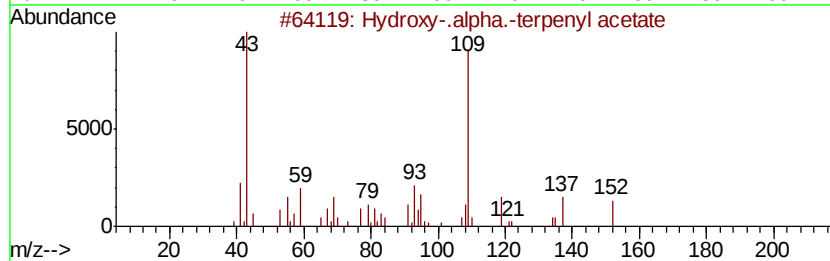
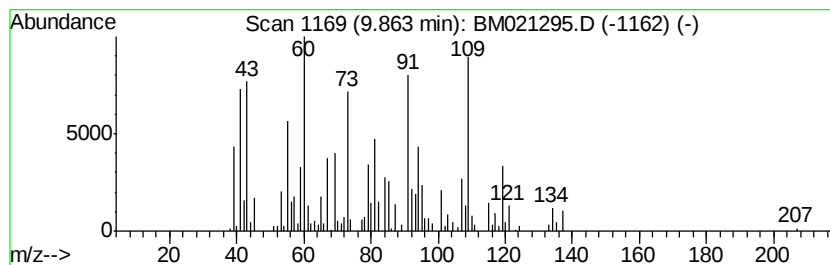
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	4.10 ng/ul	681783	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydroxy-.alpha.-terpenyl acetate	212	C12H20O3	1000293-00-9	22
2		3-Buten-2-one, 4-(3-cyclohexen-1-yl)-	150	C10H14O	002817-96-1	14
3		Bicyclo[3.1.1]hept-3-en-2-ol, 4,6,6-trimethyl-	152	C10H16O	000473-67-6	14
4		(Z,Z)-.alpha.-Farnesene	204	C15H24	1000293-03-1	14
5		Bicyclo[4.2.0]oct-1-ene, 7-endo-2-methyl-	134	C10H14	1000142-18-3	11



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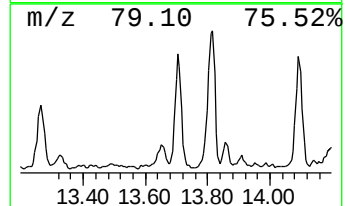
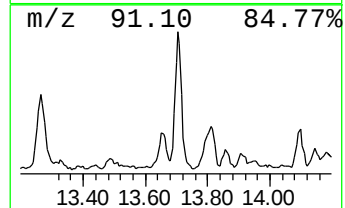
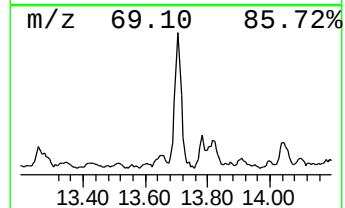
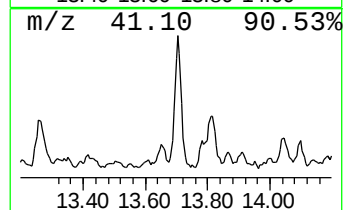
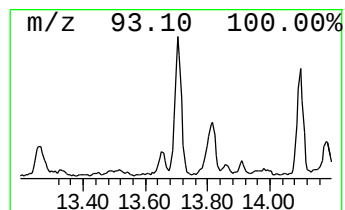
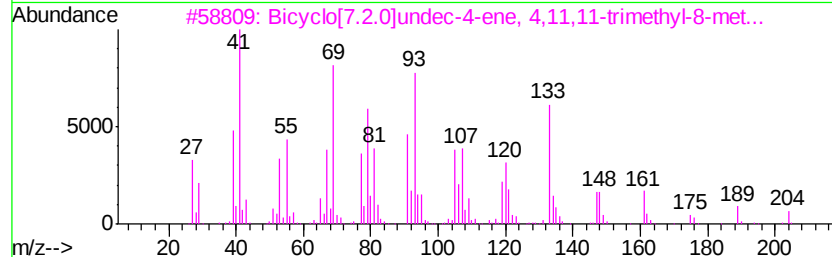
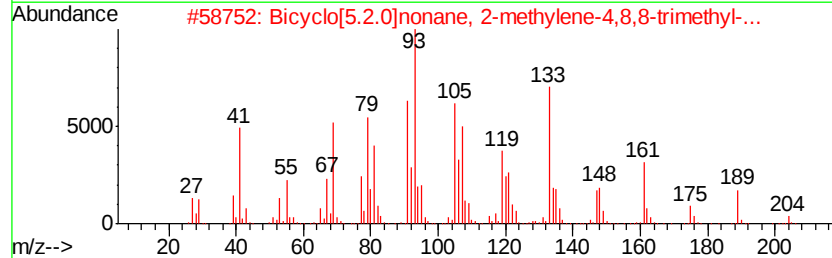
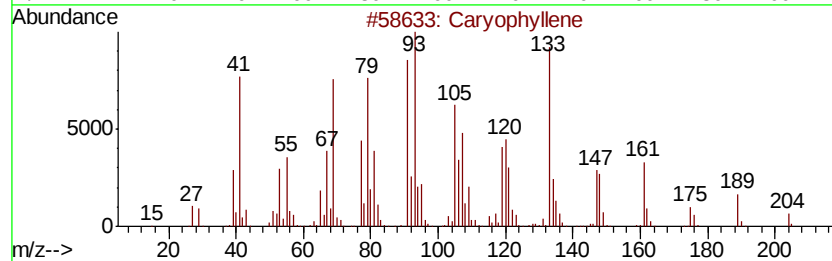
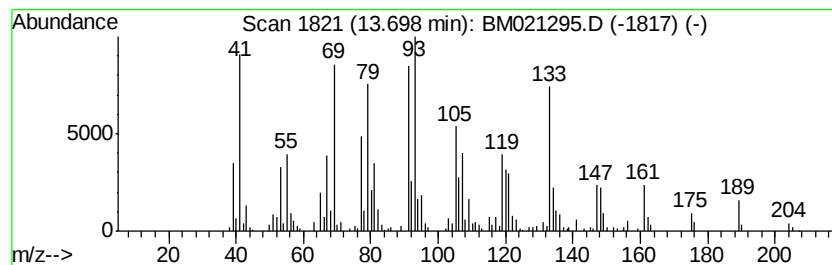
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Caryophyllene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.98 ng/ul	661621	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene	204 C15H24	000087-44-5 99
2		Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9 93
3		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 91
4		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 90
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 90



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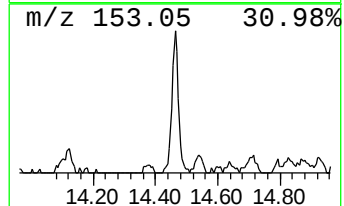
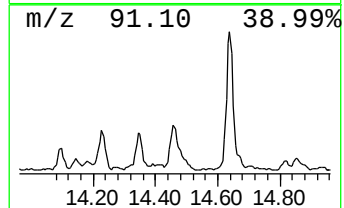
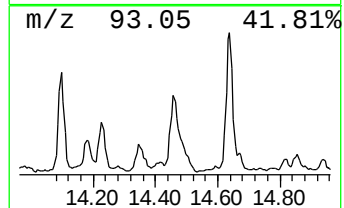
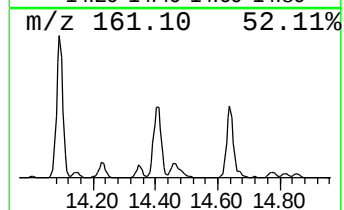
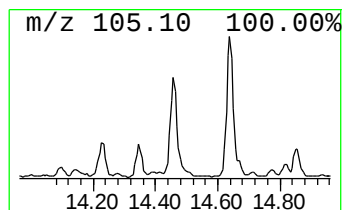
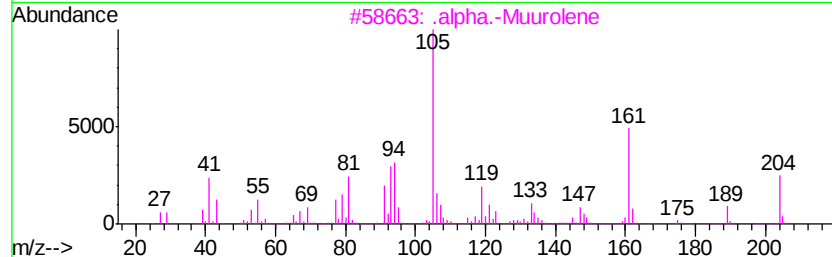
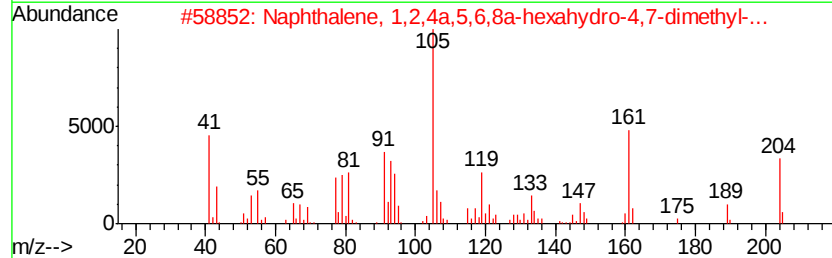
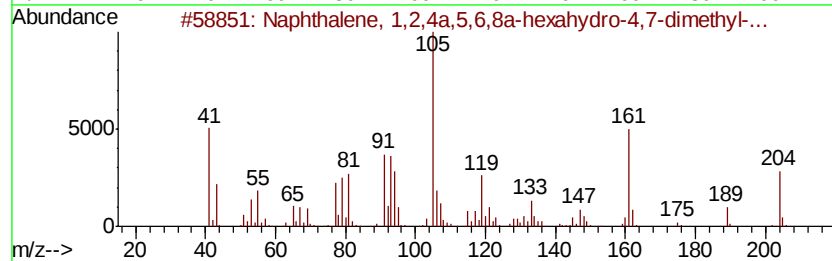
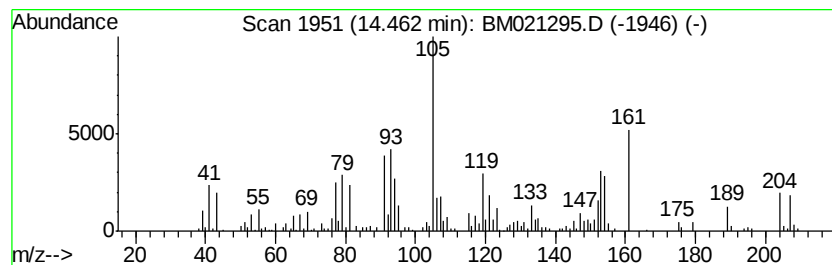
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.60 ng/ul	798583	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	97
2		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	96
3		.alpha.-Muurolene	204	C15H24	010208-80-7	96
4		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	94
5		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB3

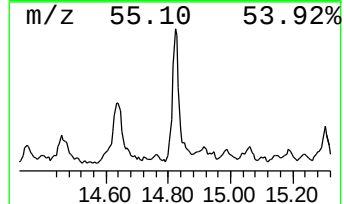
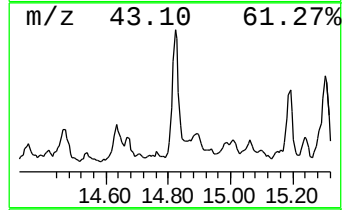
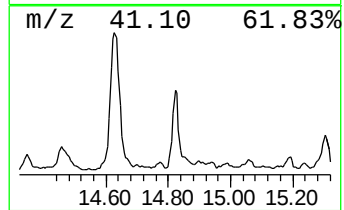
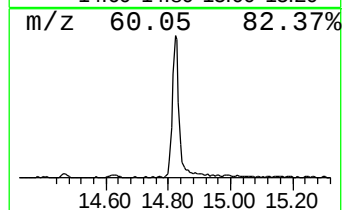
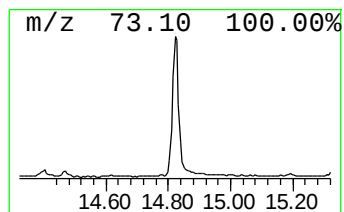
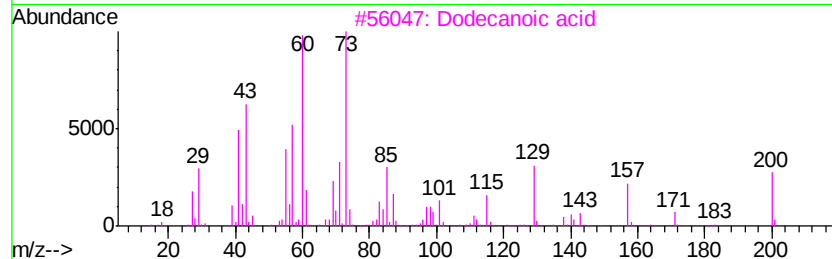
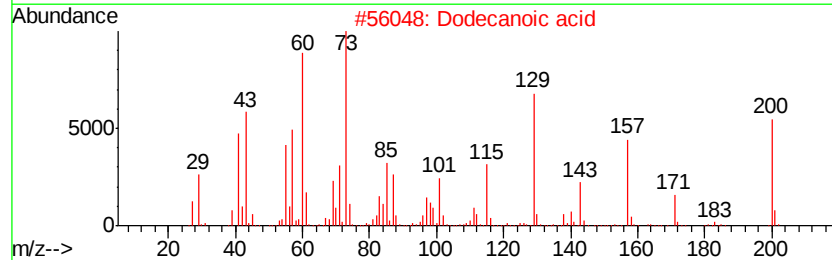
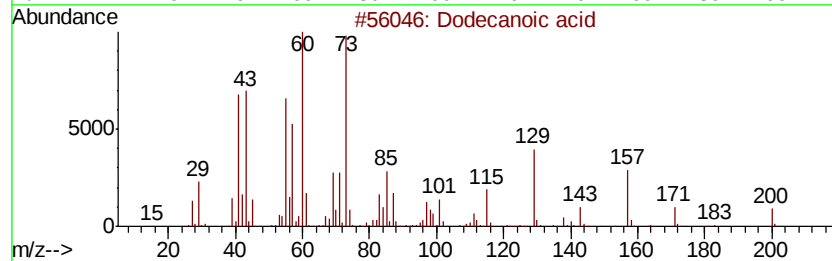
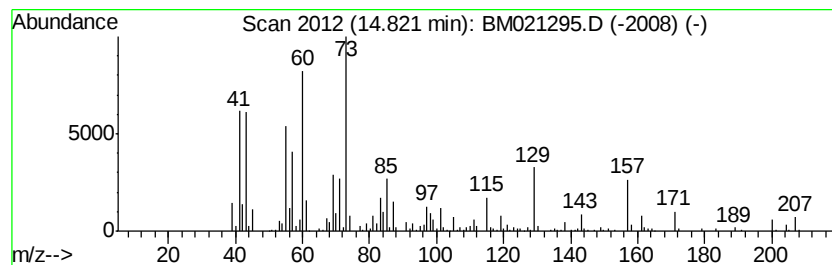
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dodecanoic acid Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.04 ng/ul	675021	Acenaphthene-d10	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid			200	C12H24O2	000143-07-7	99
2	Dodecanoic acid			200	C12H24O2	000143-07-7	95
3	Dodecanoic acid			200	C12H24O2	000143-07-7	93
4	Dodecanoic acid			200	C12H24O2	000143-07-7	91
5	Undecanoic acid			186	C11H22O2	000112-37-8	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

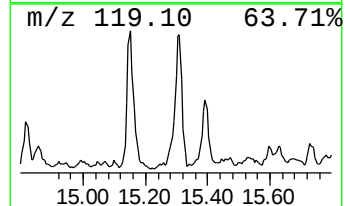
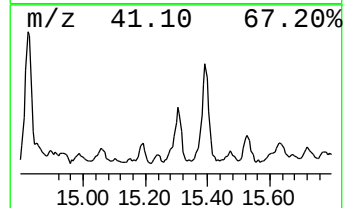
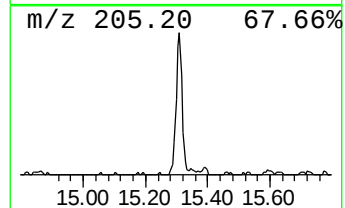
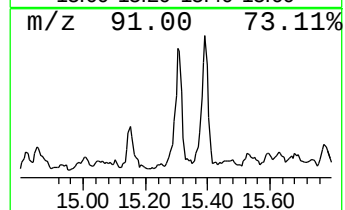
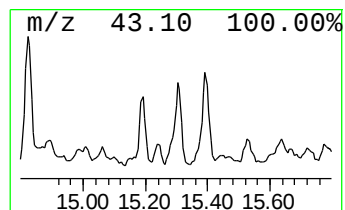
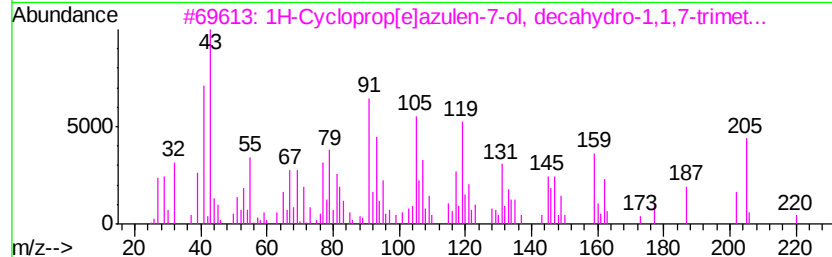
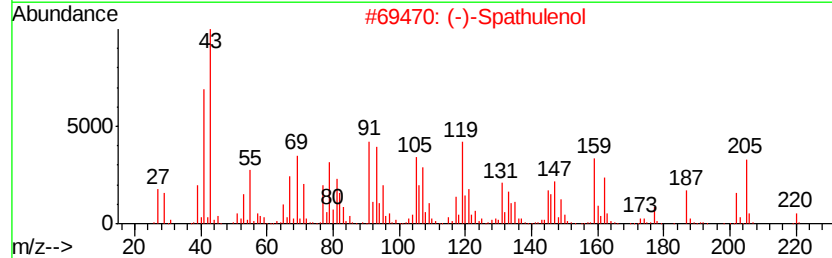
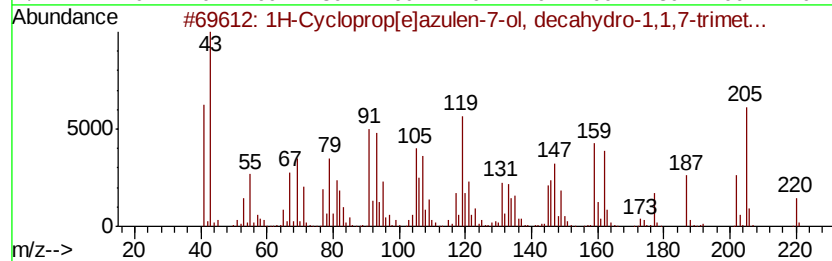
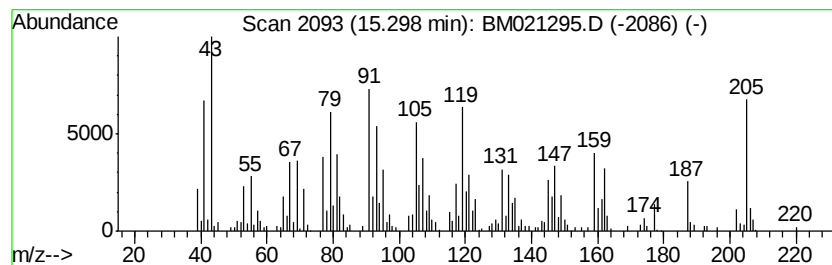
Instrument :
BNA_M
ClientSampleId :
C5BB3

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 12 1H-Cycloprop[e]azulen-7-ol,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	3.03 ng/ul	672560	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Cycloprop[elazulen-7-ol, deca...	220 C15H24O	006750-60-3 94
2		(-)-Spathulenol	220 C15H24O	077171-55-2 87
3		1H-Cycloprop[elazulen-7-ol, deca...	220 C15H24O	006750-60-3 81
4		1H-1,5-Benzodiazepine, 2,3,4,5-t...	162 C10H14N2	040358-34-7 30
5		4-Allyloxyimino-2-carene	205 C13H19NO	1000140-09-0 27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

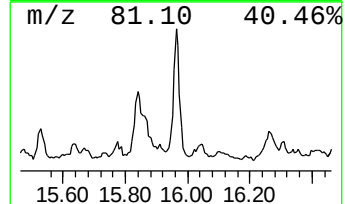
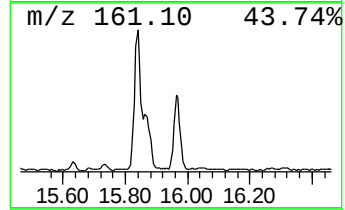
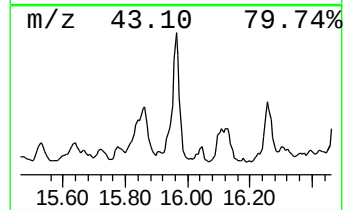
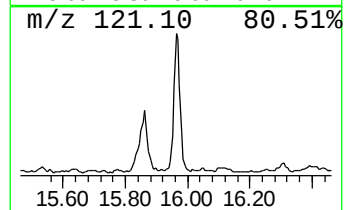
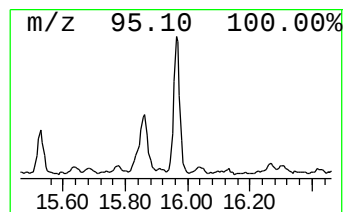
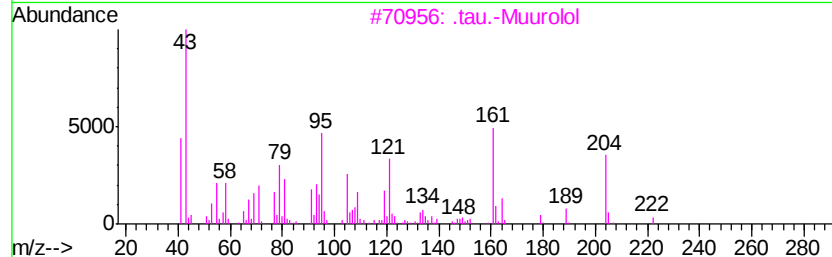
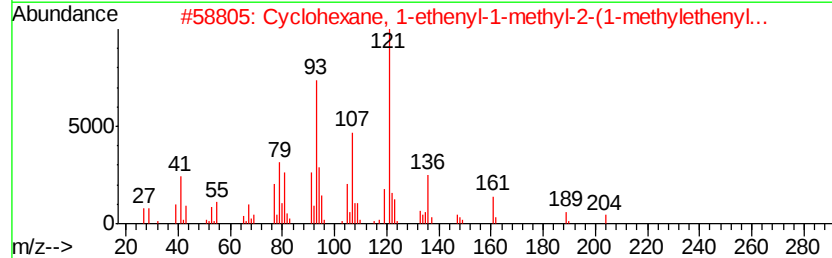
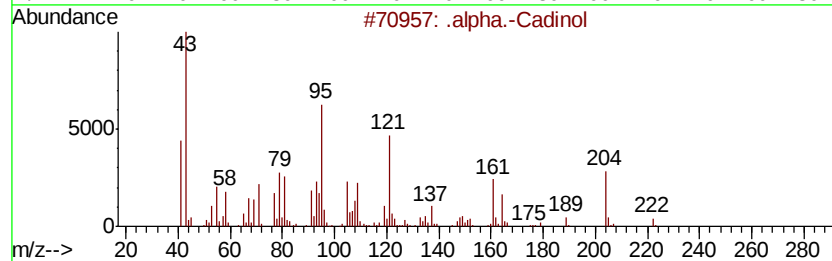
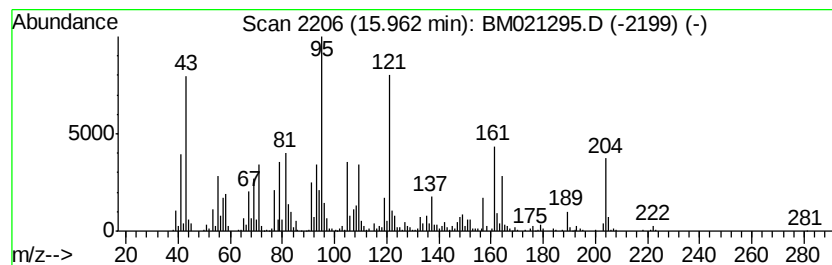
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 .alpha.-Cadinol Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.65 ng/ul	1074470	Phenanthrene-d10	17.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.alpha.-Cadinol	222 C15H26O	000481-34-5 91
2		Cyclohexane, 1-ethenyl-1-methyl-...	204 C15H24	003242-08-8 46
3		.tau.-Muurolol	222 C15H26O	019912-62-0 42
4		Epidolbulol	222 C15H26O	1000150-05-1 25
5		trans-8-Ethyl-bicyclo[4.3.0]non-...	150 C11H18	1000145-84-8 25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

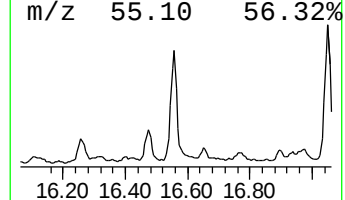
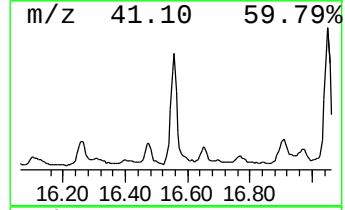
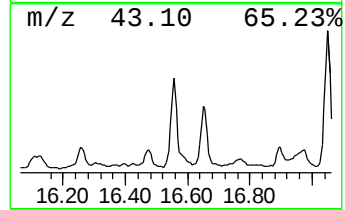
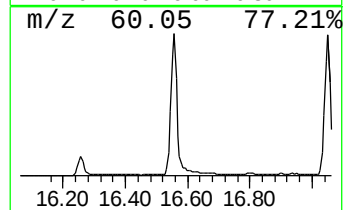
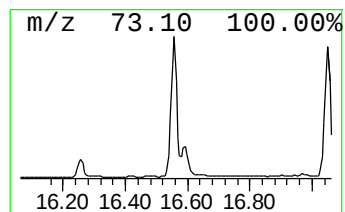
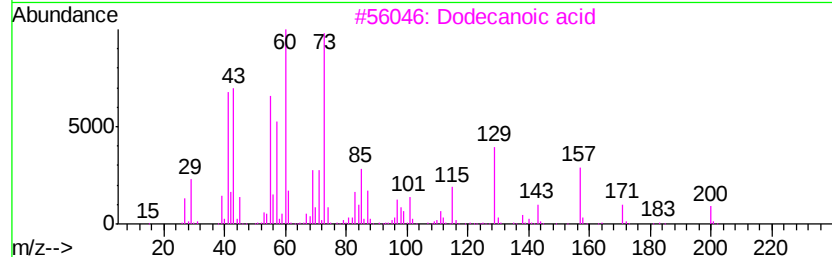
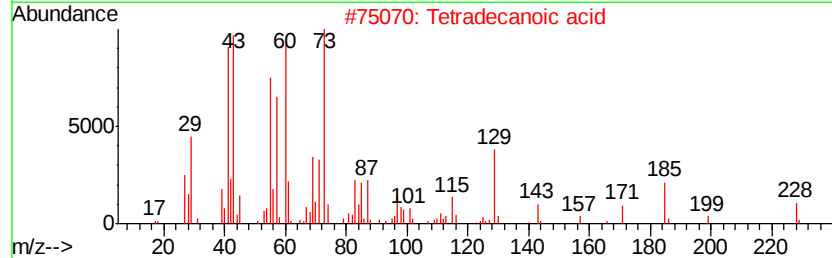
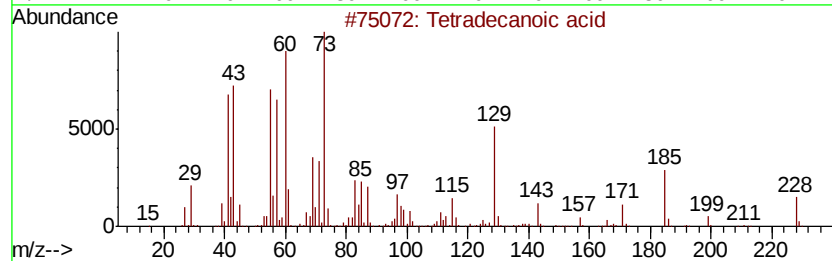
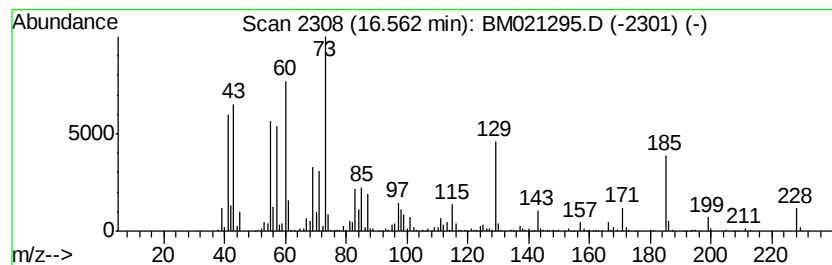
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Tetradecanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.56	6.94 ng/ul	1603350	Phenanthrene-d10		17.15		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	98
3			Dodecanoic acid	200	C12H24O2	000143-07-7	72
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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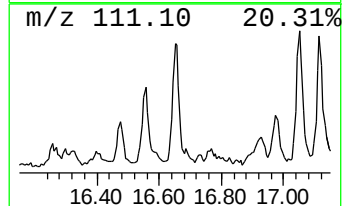
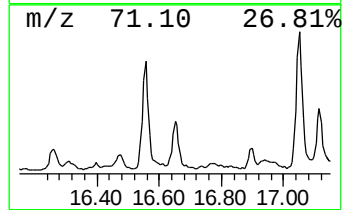
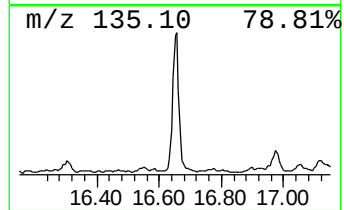
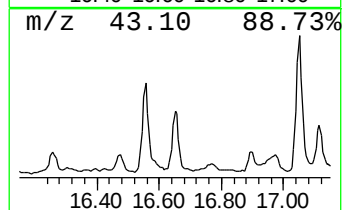
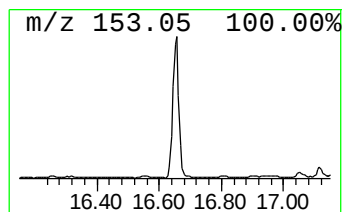
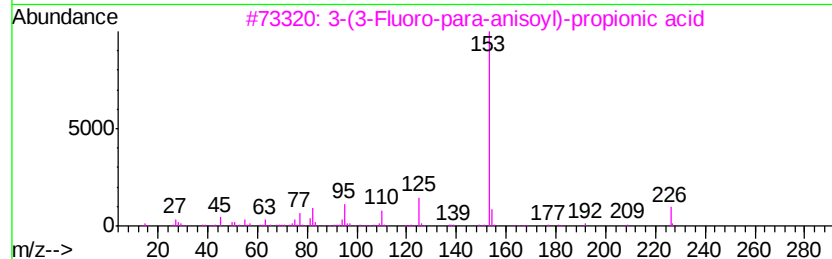
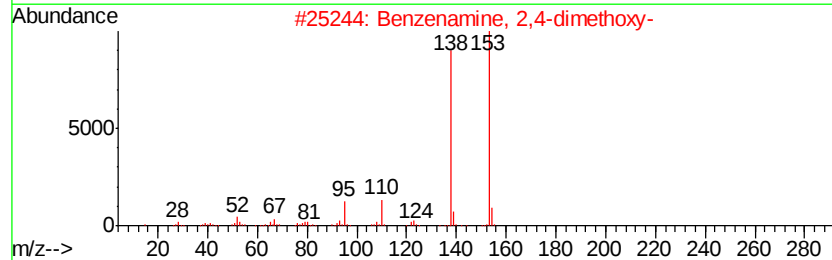
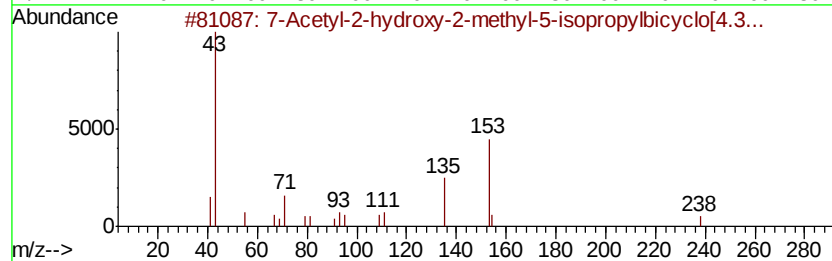
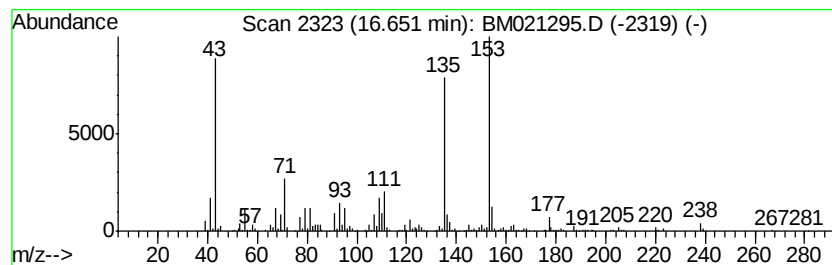
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 7-Acetyl-2-hydroxy-2-methyl... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.64 ng/ul	610741	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Acetyl-2-hydroxy-2-methyl-5-is...	238	C15H26O2	096093-81-1	86
2			Benzenamine, 2,4-dimethoxy-	153	C8H11NO2	002735-04-8	38
3			3-(3-Fluoro-para-anisoyl)-propio...	226	C11H11FO4	000347-63-7	35
4			Pyridine, 3-(propylthio)-	153	C8H11NS	026891-62-3	35
5			1,2-Benzenediamine, 4-nitro-	153	C6H7N3O2	000099-56-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

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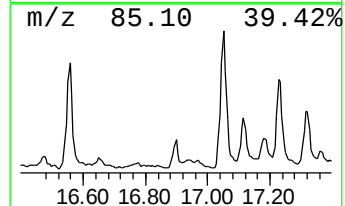
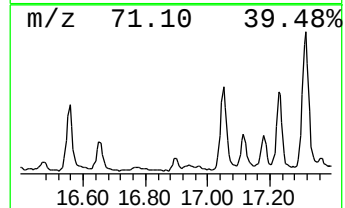
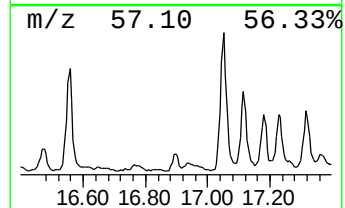
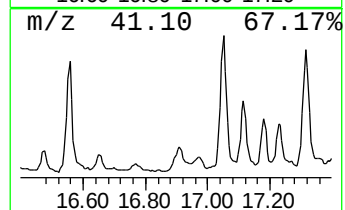
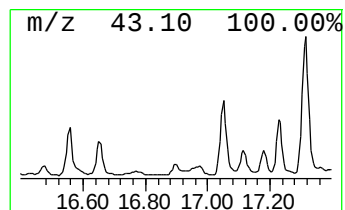
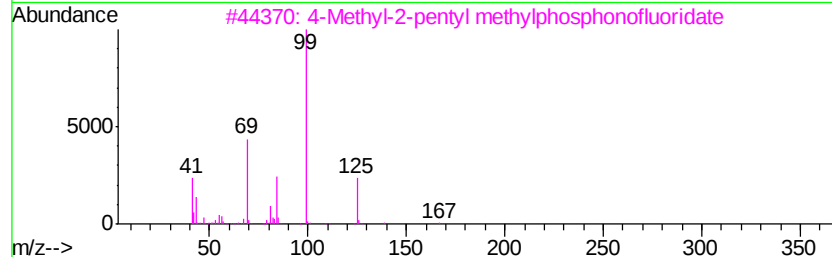
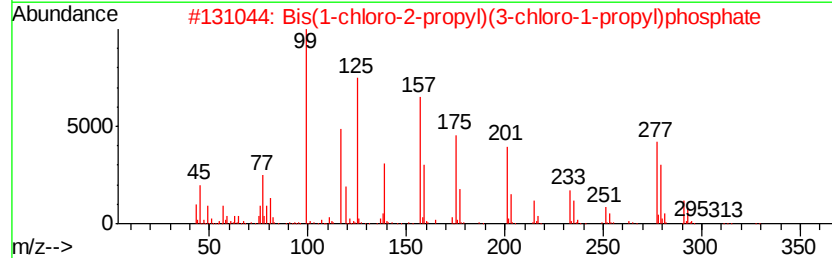
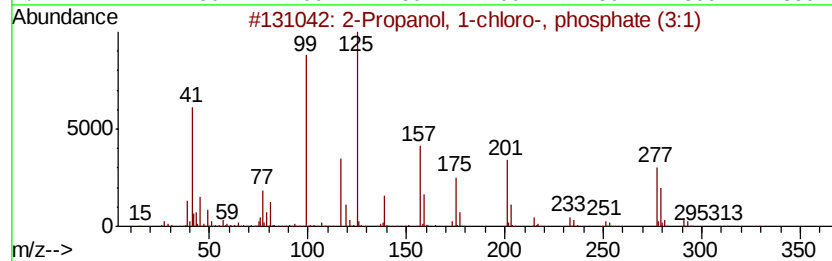
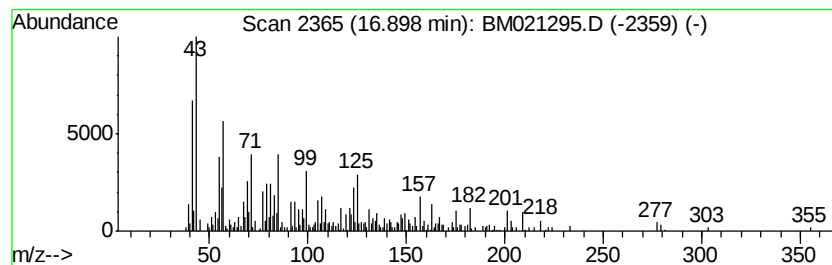
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 2-Propanol, 1-chloro-, phos... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	3.12 ng/ul	719727	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	80
2			Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	43
3			4-Methyl-2-pentyl methylphosphon...	182	C7H16F02P	000352-53-4	38
4			1,2,5-Oxadiazol-3-amine, 4-[5-(4...	277	C11H8ClN5O2	1000276-59-0	22
5			2(1H)-Pyridinethione, 4-methyl-	125	C6H7NS	018368-65-5	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
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Instrument :
BNA_M
ClientSampleId :
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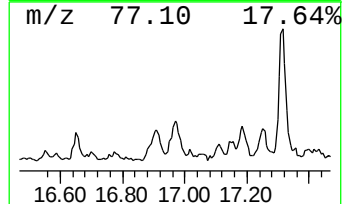
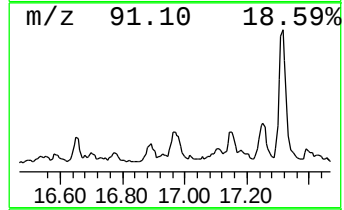
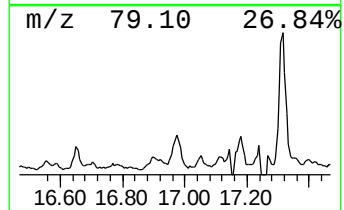
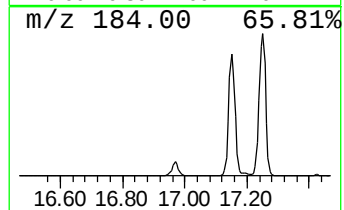
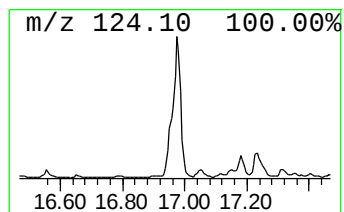
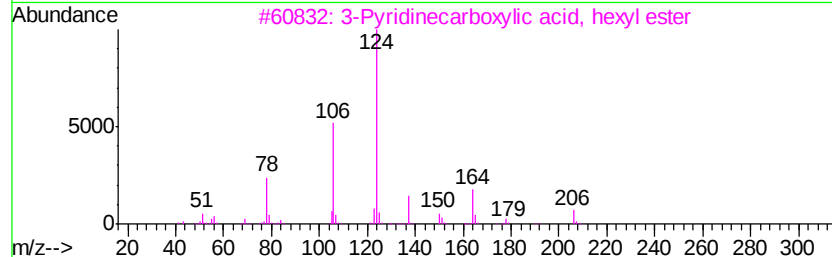
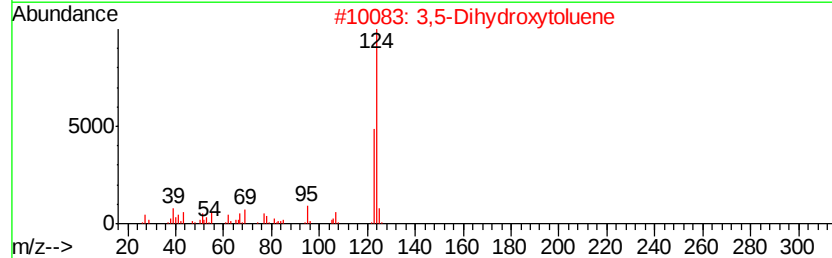
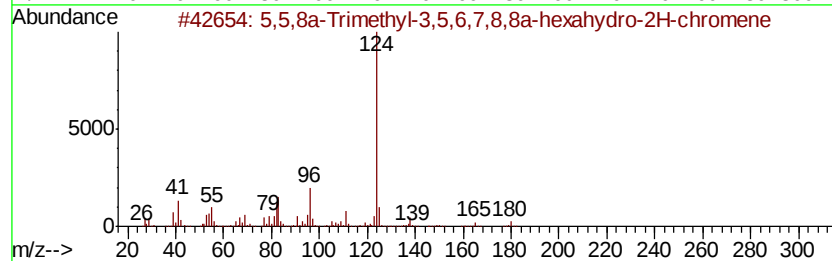
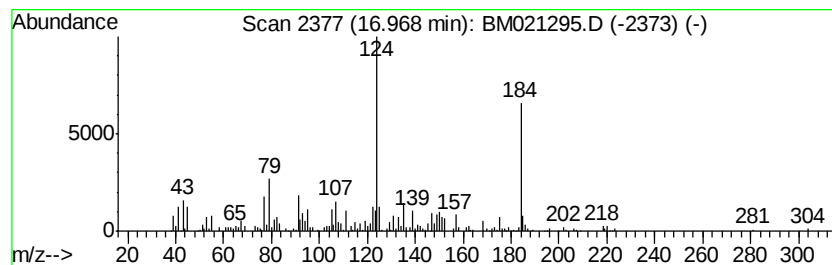
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.52 ng/ul	581552	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5,8a-Trimethyl-3,5,6,7,8,8a-he...	180	C12H200	054344-82-0	43		
2	3,5-Dihydroxytoluene	124	C7H8O2	000504-15-4	43		
3	3-Pyridinecarboxylic acid, hexyl...	207	C12H17N02	023597-82-2	43		
4	Homatropine	275	C16H21N03	000087-00-3	40		
5	N,N'-Bis-(2,2,6,6-tetramethylpip...	442	C26H42N4O2	042774-14-1	38		



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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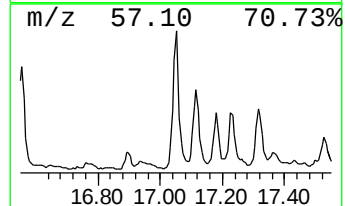
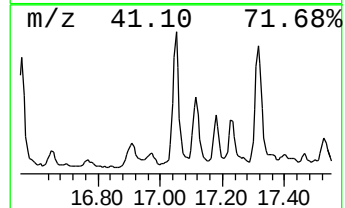
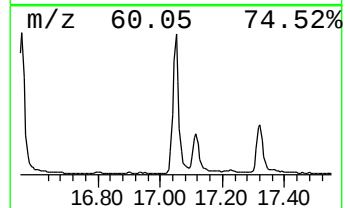
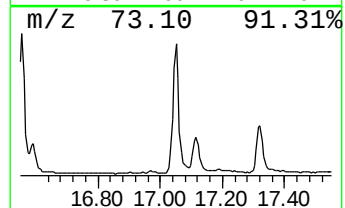
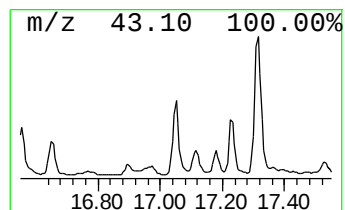
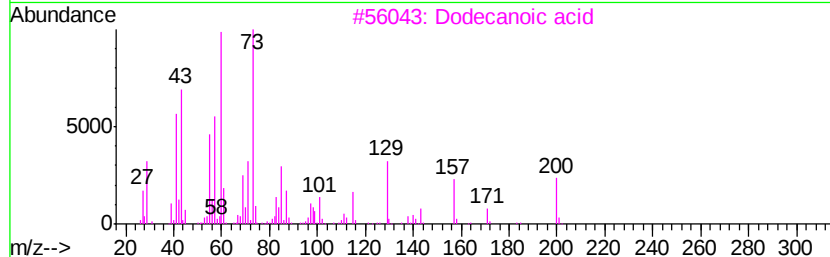
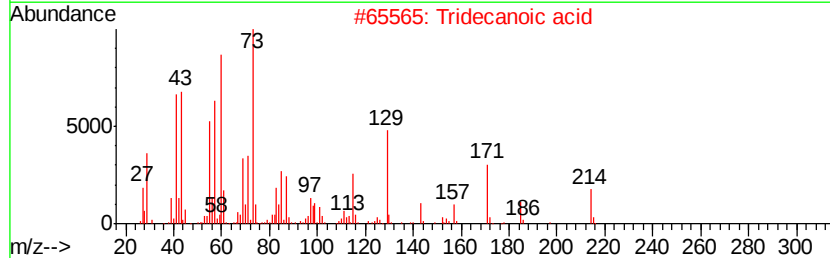
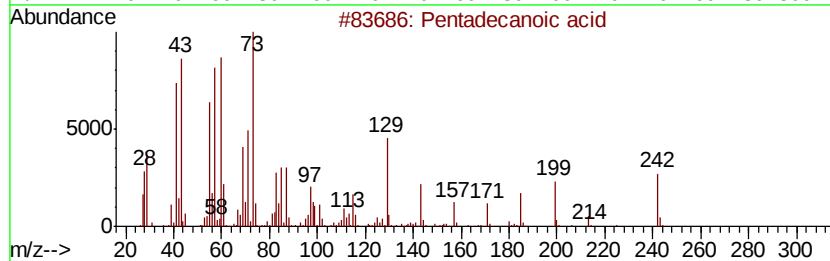
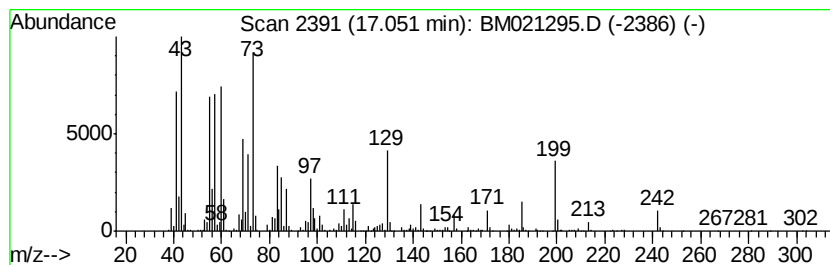
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Pentadecanoic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	8.31 ng/ul	1920280	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	81
3		Dodecanoic acid	200	C12H24O2	000143-07-7	81
4		Undecanoic acid	186	C11H22O2	000112-37-8	74
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB3

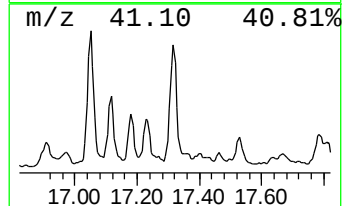
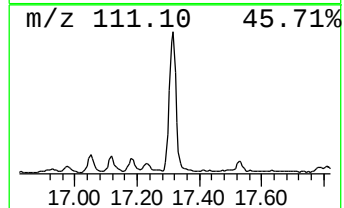
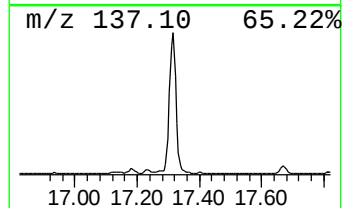
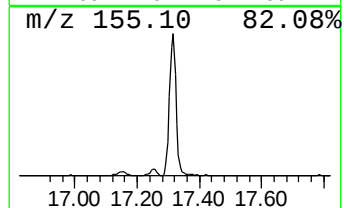
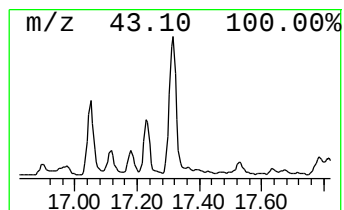
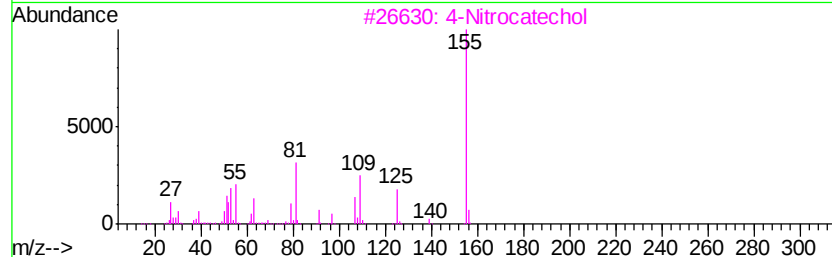
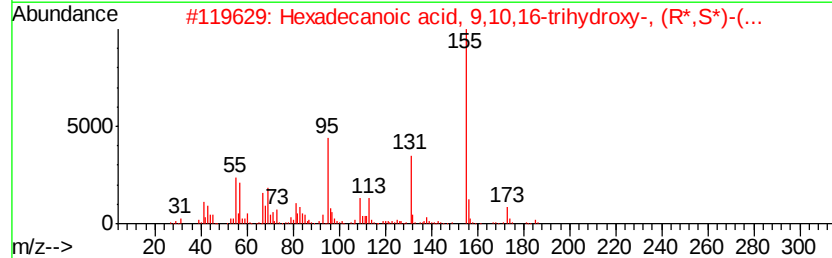
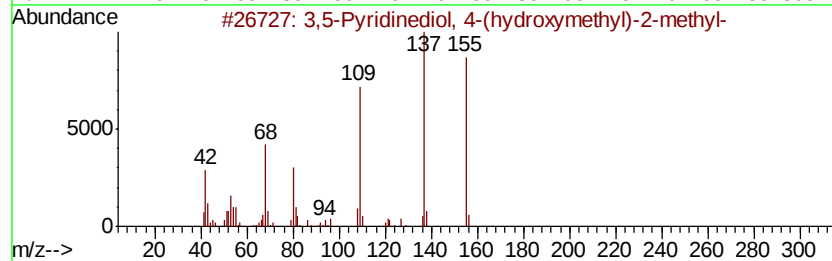
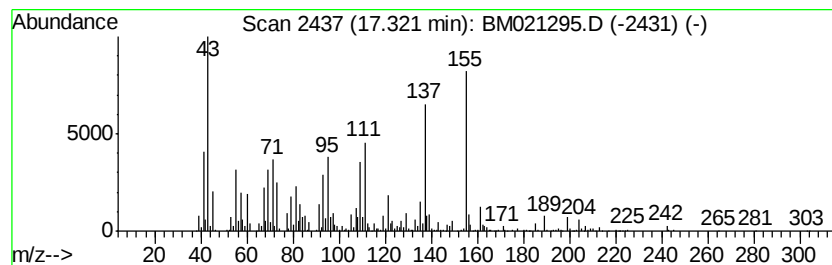
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	15.85 ng/ul	3661890	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Pyridinediol, 4-(hydroxymeth...	155	C7H9NO3	002029-60-9	46
2			Hexadecanoic acid, 9,10,16-trihy...	304	C16H32O5	000533-87-9	32
3			4-Nitrocatechol	155	C6H5NO4	003316-09-4	27
4			Benzene, 2-fluoro-1-methyl-4-nitro-	155	C7H6FN02	001427-07-2	25
5			Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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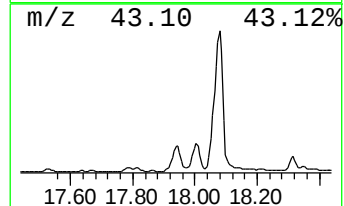
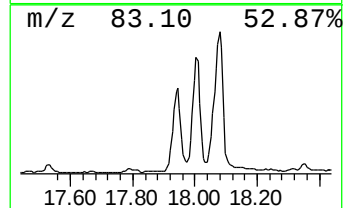
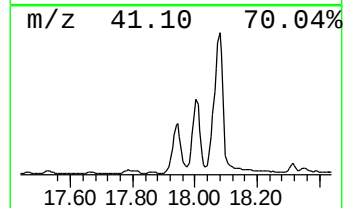
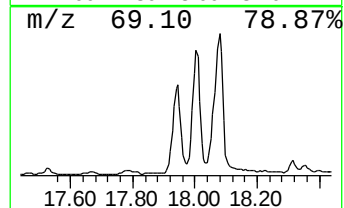
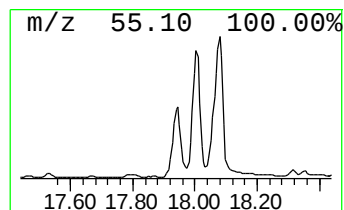
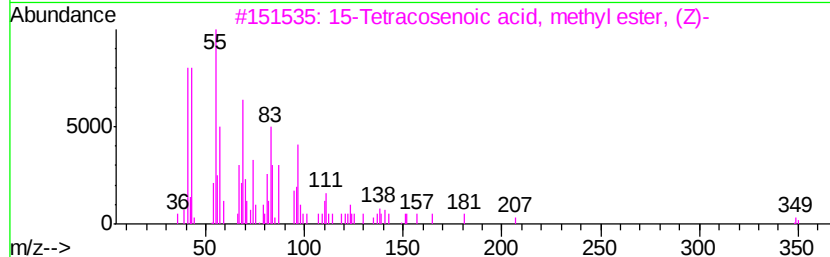
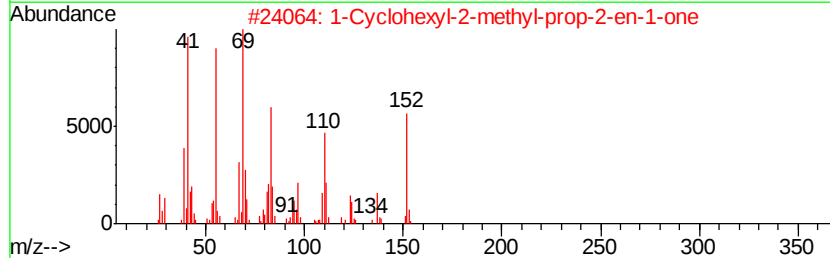
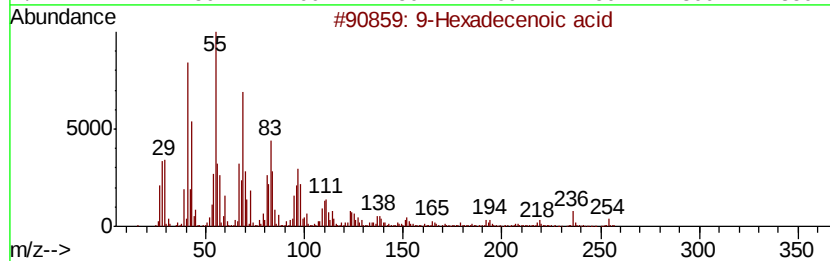
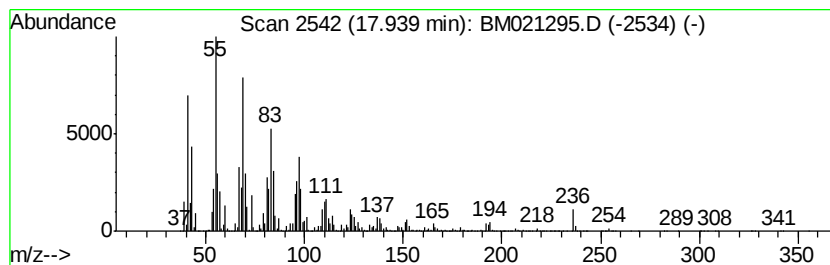
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 9-Hexadecenoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	36.36 ng/ul	8397810	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64
2		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60
3		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	55
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	49
5		4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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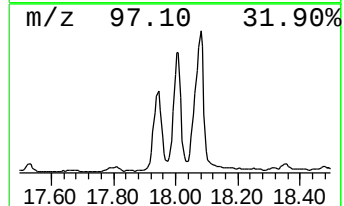
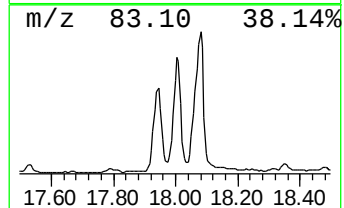
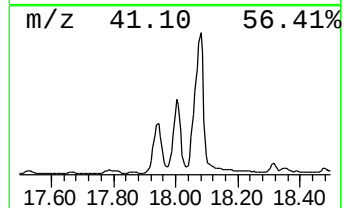
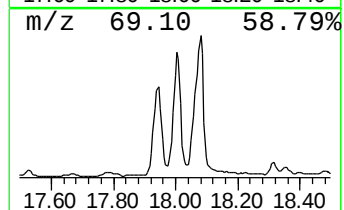
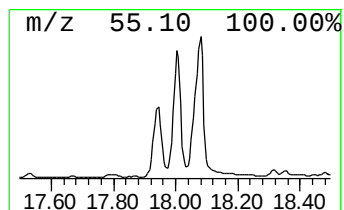
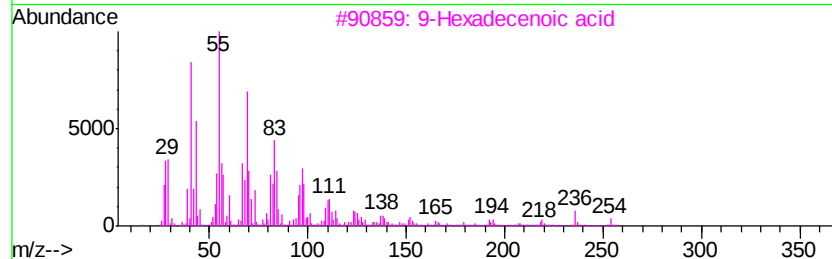
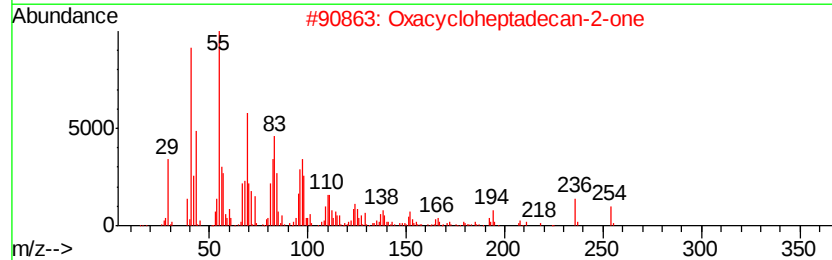
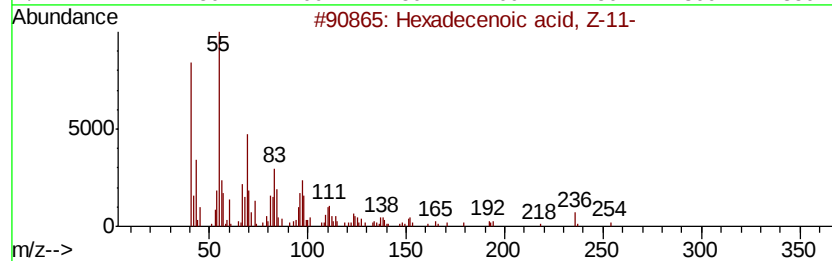
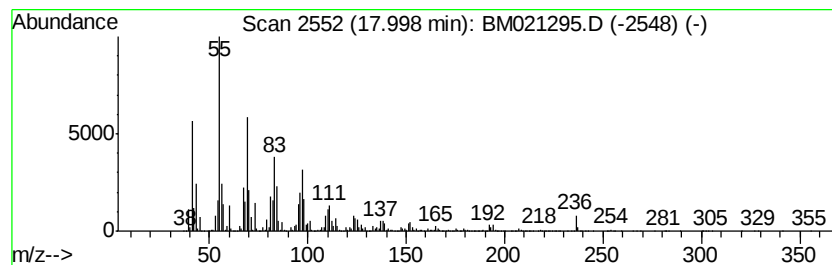
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Hexadecenoic acid, Z-11- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	46.09 ng/ul	10645900	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	91
3		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	86
5		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
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Sample : K3590-14
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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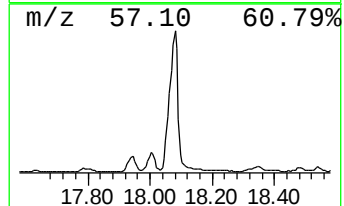
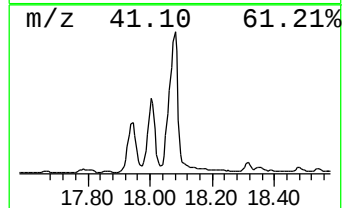
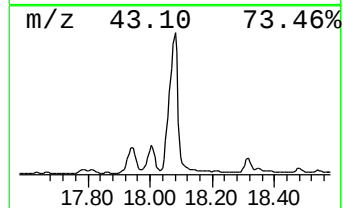
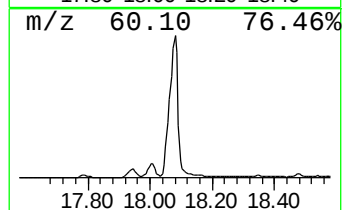
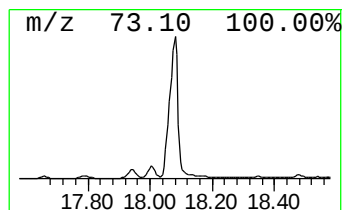
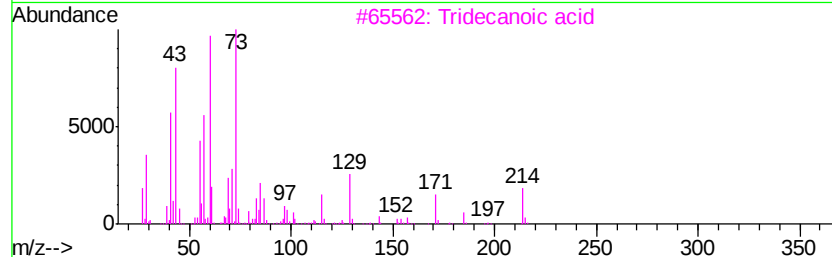
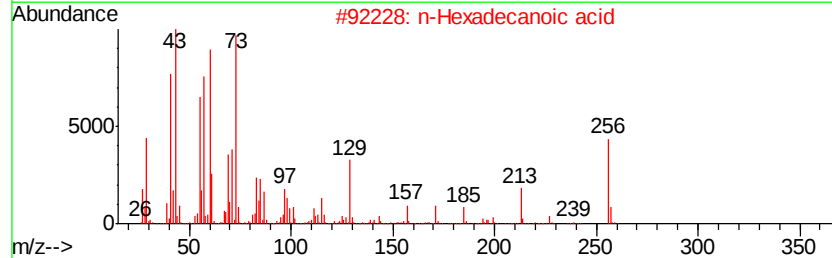
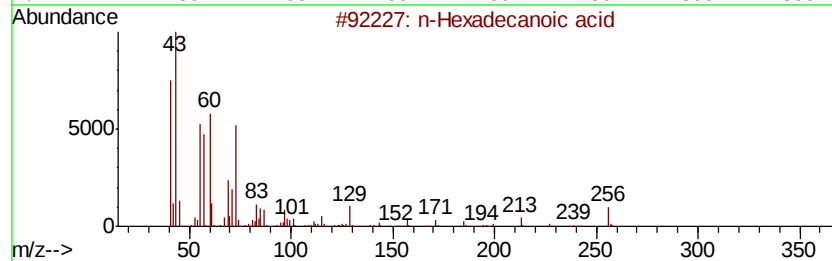
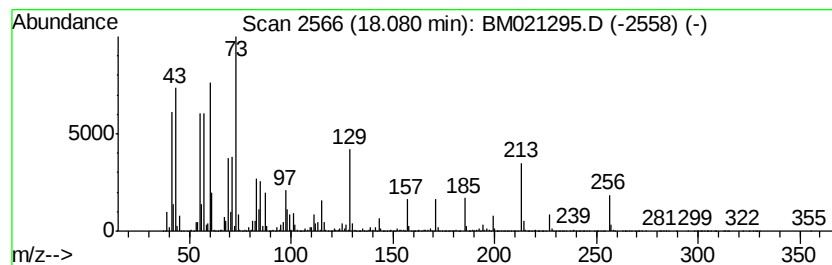
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	121.32 ng/ul	28020700	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5		Tridecanoic acid	214	C13H26O2	000638-53-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

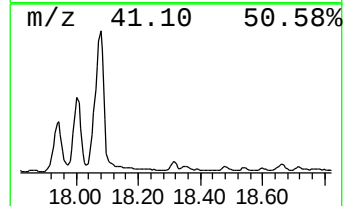
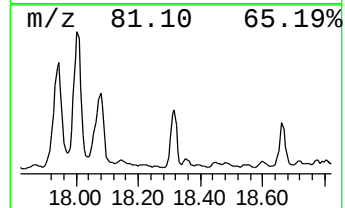
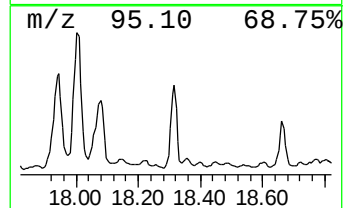
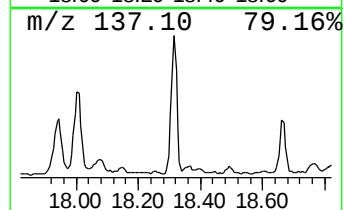
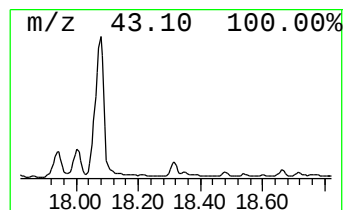
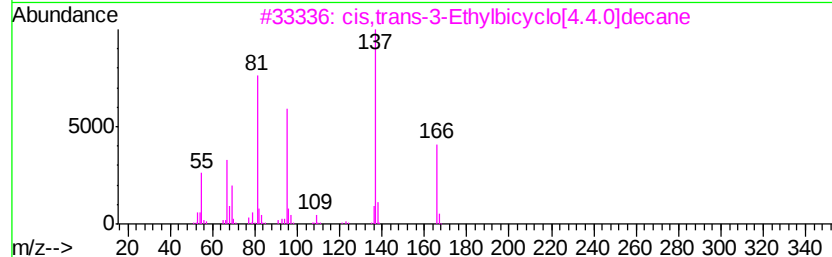
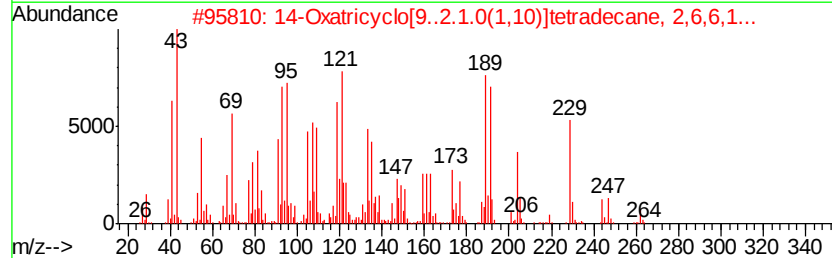
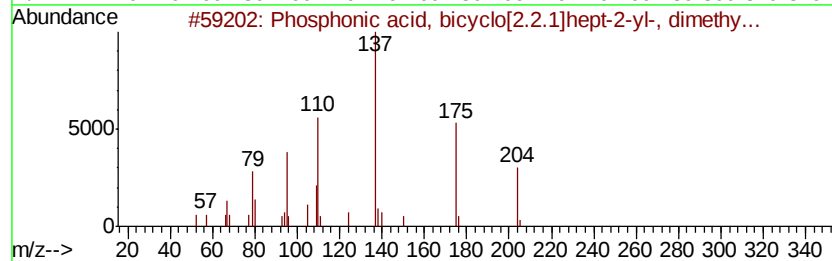
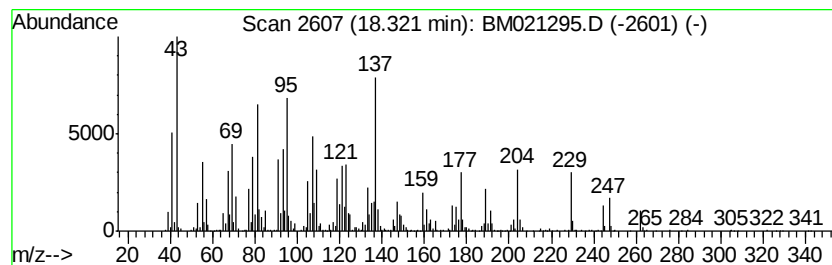
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.32	8.22 ng/ul	1899120	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phosphonic acid, bicyclo[2.2.1]h...	204	C9H17O3P	031061-88-8	45
2		14-Oxatricyclo[9..2.1.0(1,10)]te...	262	C18H30O	1000193-06-8	38
3		cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38
4		Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	27
5		Benzeneethanol, 4-nitro-	167	C8H9NO3	000100-27-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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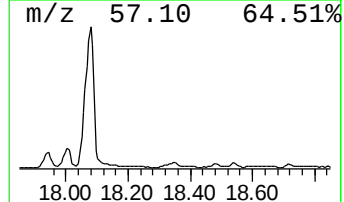
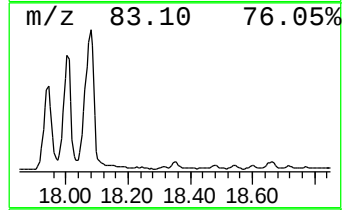
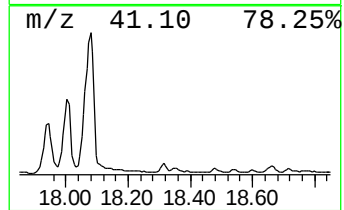
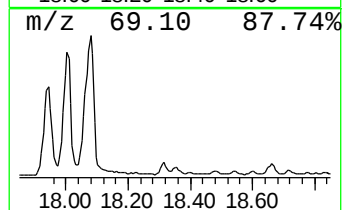
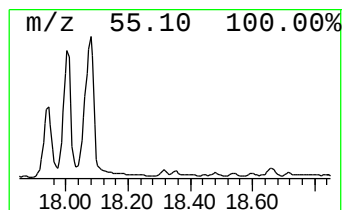
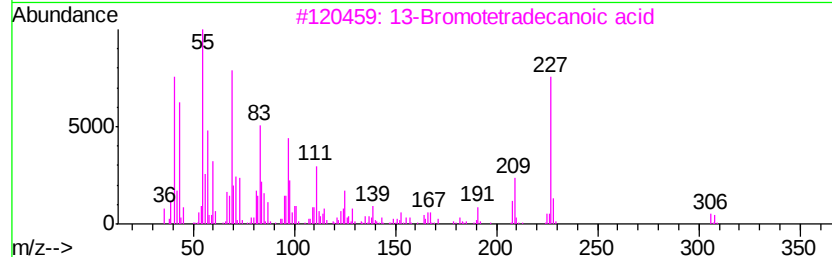
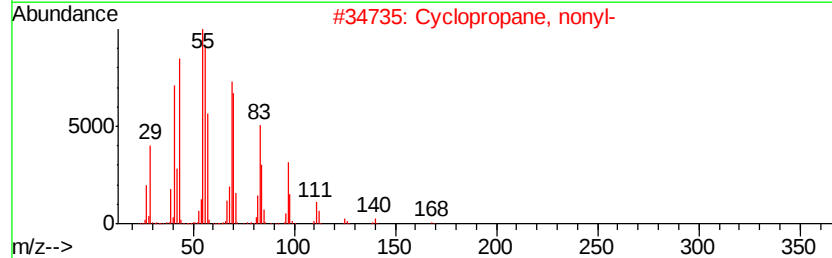
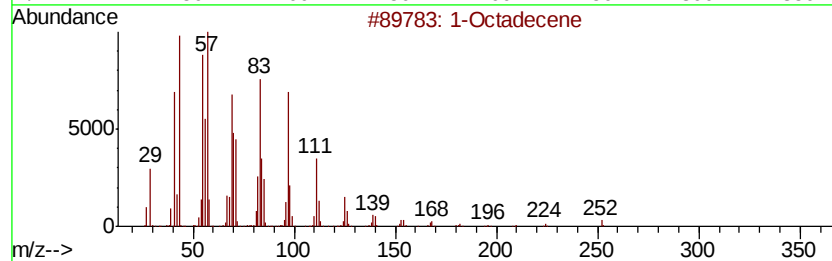
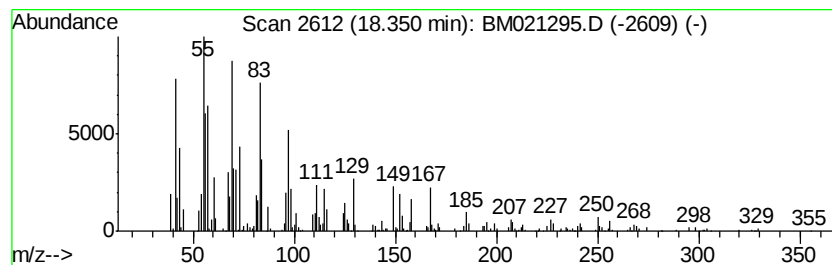
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Cyclic18.35 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.35 ng/ul	542054	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	78
2			Cyclopropane, nonyl-	168	C12H24	074663-85-7	68
3			13-Bromotetradecanoic acid	306	C14H27BrO2	1000099-12-8	64
4			1-Nonadecene	266	C19H38	018435-45-5	60
5			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

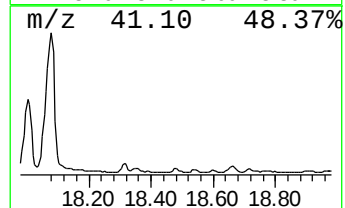
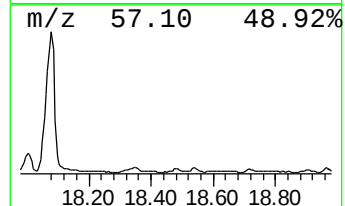
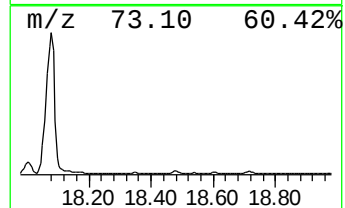
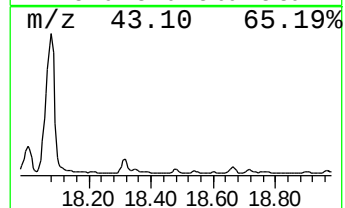
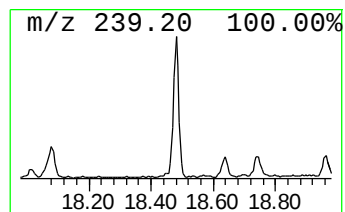
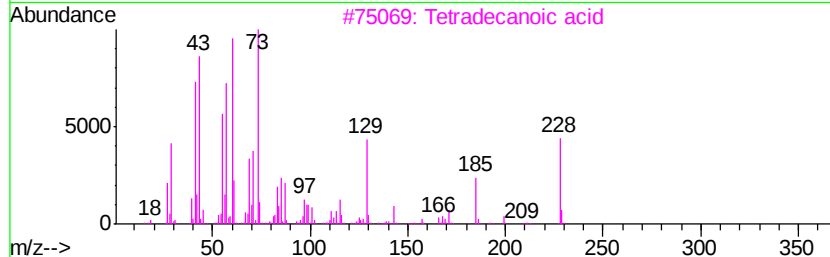
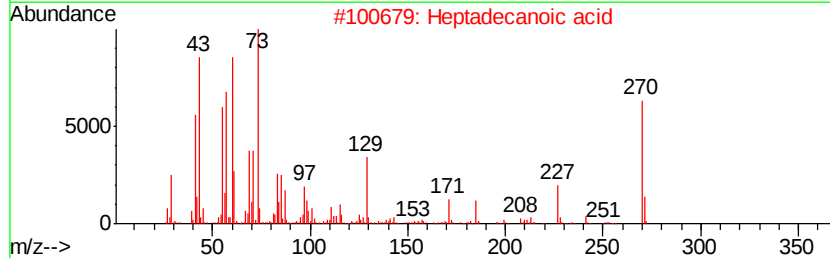
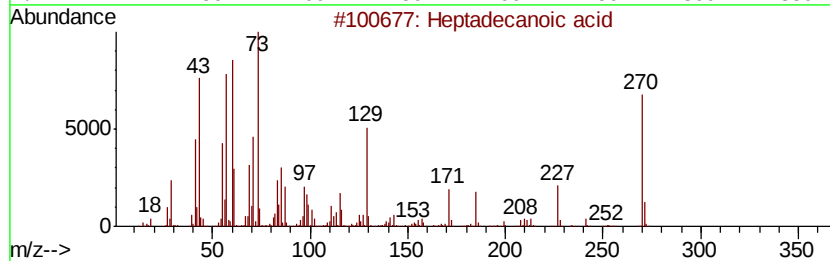
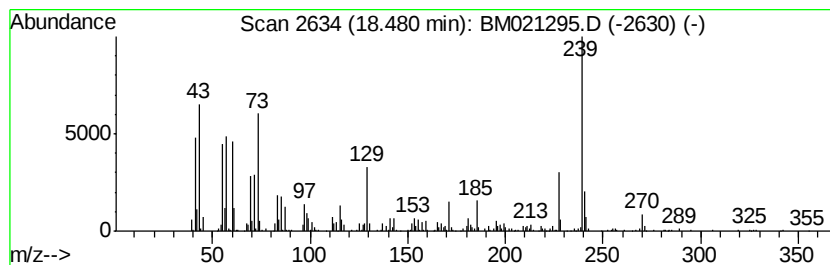
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Heptadecanoic acid Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.48	2.40 ng/ul	554795	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecanoic acid	270	C17H34O2	000506-12-7	90
2		Heptadecanoic acid	270	C17H34O2	000506-12-7	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	84
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
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Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

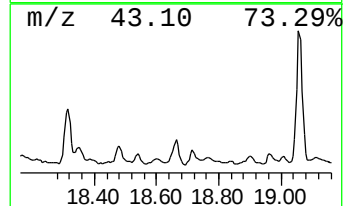
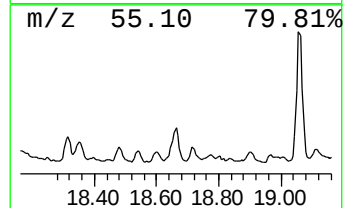
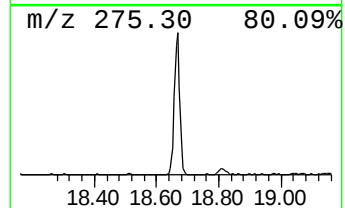
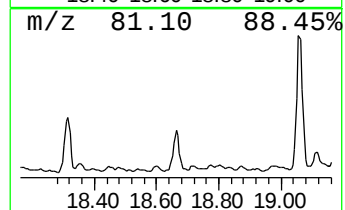
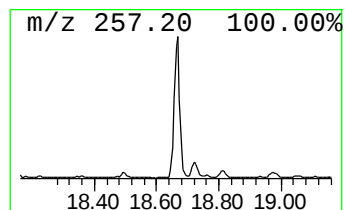
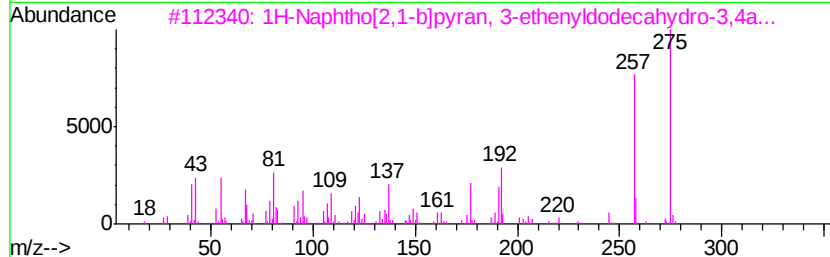
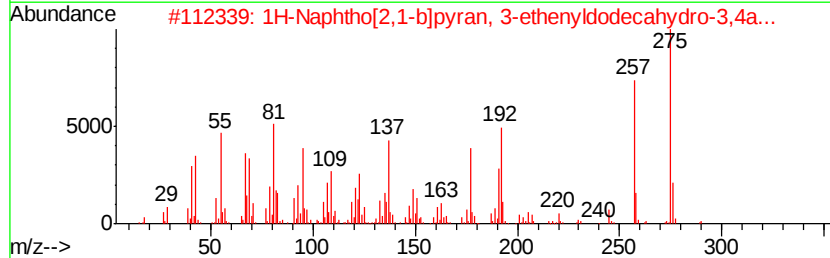
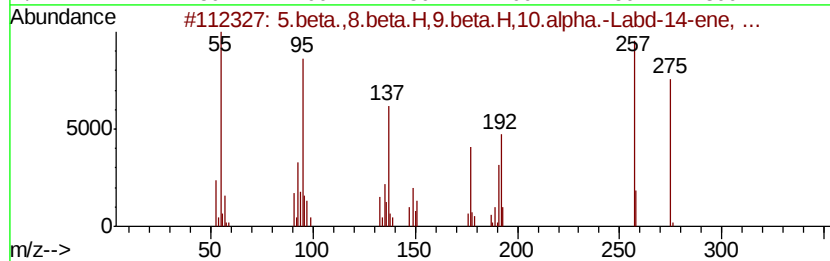
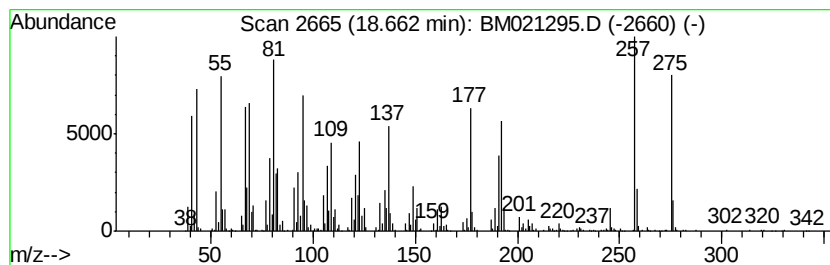
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 5.beta.,8.beta.H,9.beta.H,1... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.66	6.21 ng/ul	1435090	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.beta.,8.beta.H,9.beta.H,10.alp...	290	C20H34O	019123-29-6	86	
2	1H-Naphtho[2,1-b]pyran, 3-ethenv...	290	C20H34O	000596-84-9	62	
3	1H-Naphtho[2,1-b]pyran, 3-ethenv...	290	C20H34O	001227-93-6	50	
4	Alloaromadendrene oxide-(1)	220	C15H24O	1000156-12-8	44	
5	4H-1-Benzopyran-4-one, 2,3-dihyd...	192	C11H12O3	017771-33-4	25	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
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Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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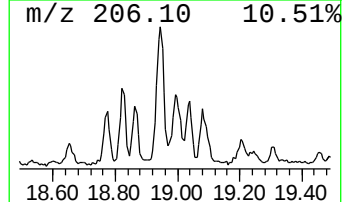
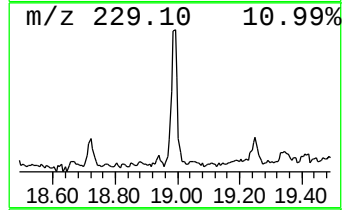
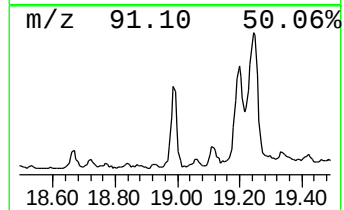
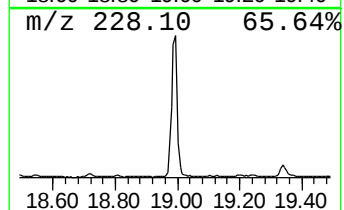
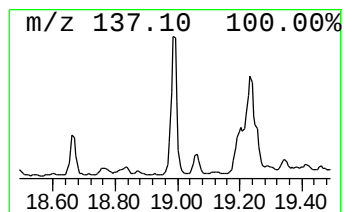
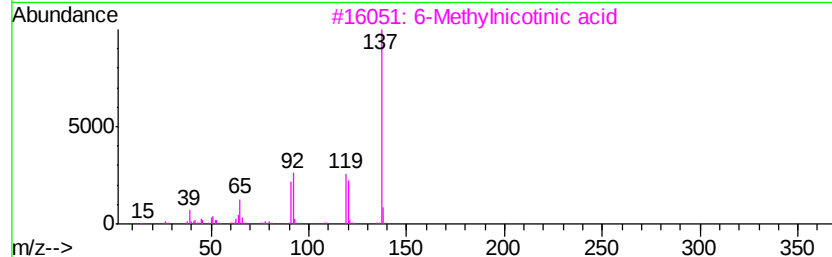
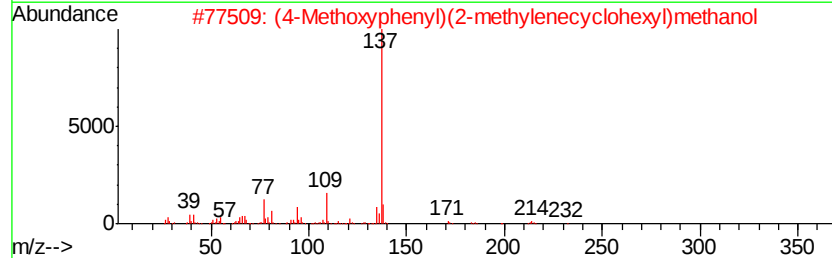
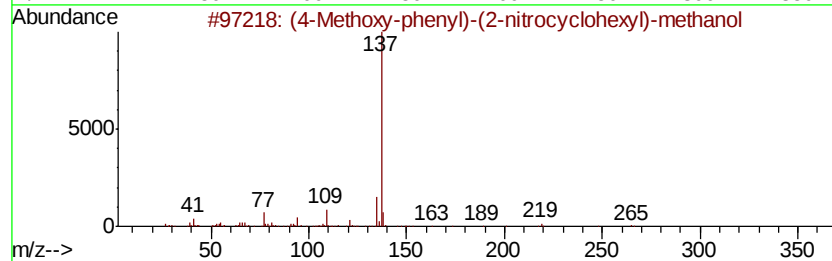
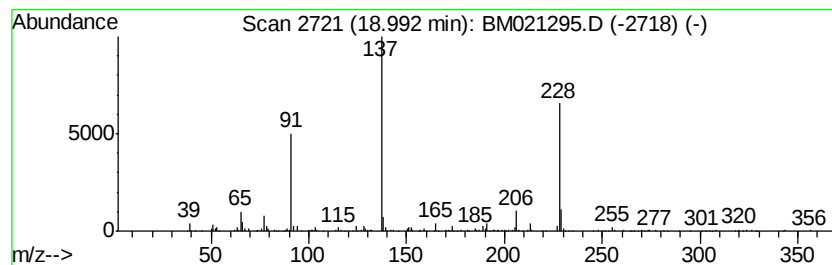
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-05 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.18 ng/ul	734107	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(4-Methoxy-phenyl)-(2-nitrocyclo...	265	C14H19N04	103077-68-5	32
2		(4-Methoxyphenyl)(2-methylenecyc...	232	C15H20O2	1000191-91-2	32
3		6-Methylnicotinic acid	137	C7H7N02	003222-47-7	25
4		Benzenemethanol, 4-methoxy-.alph...	251	C13H17N04	103130-05-8	23
5		3-Furancarboxylic acid, tetrahyd...	266	C13H14O6	042151-37-1	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
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Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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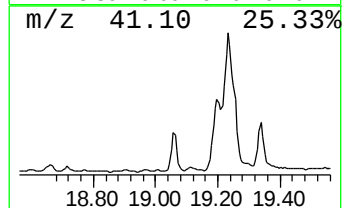
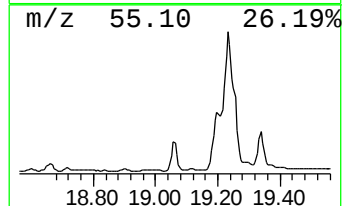
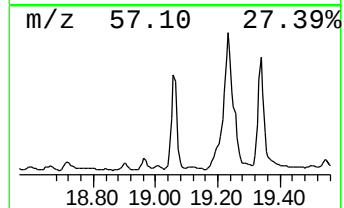
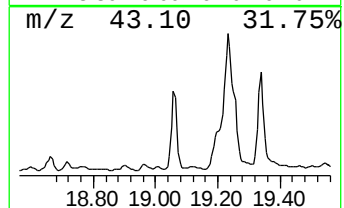
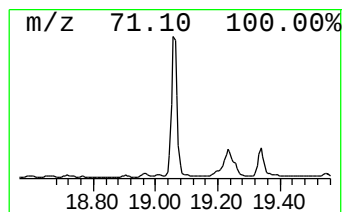
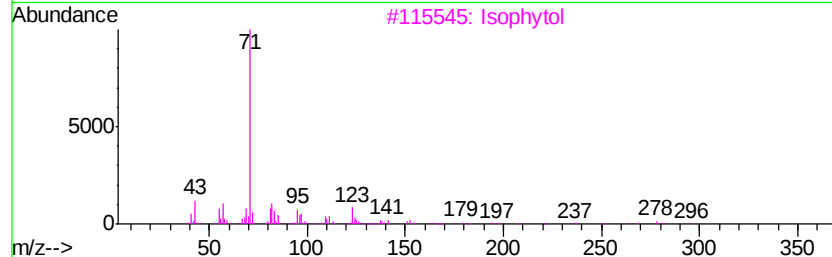
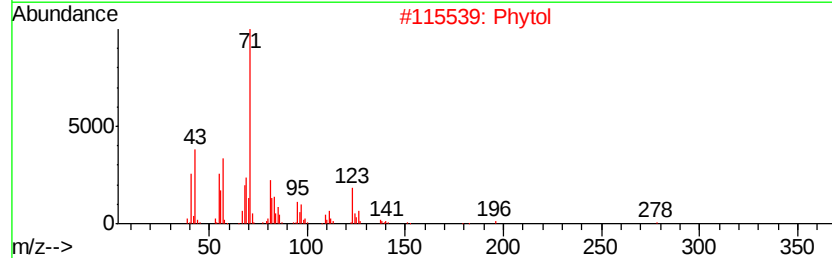
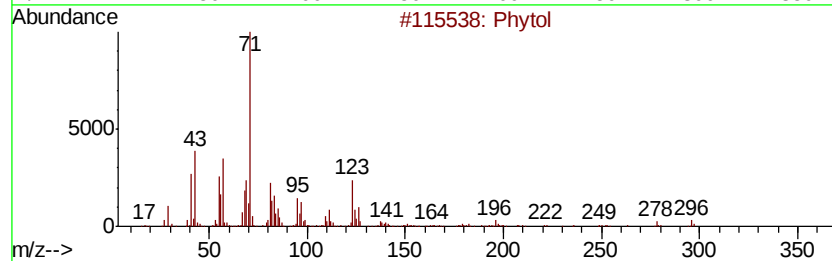
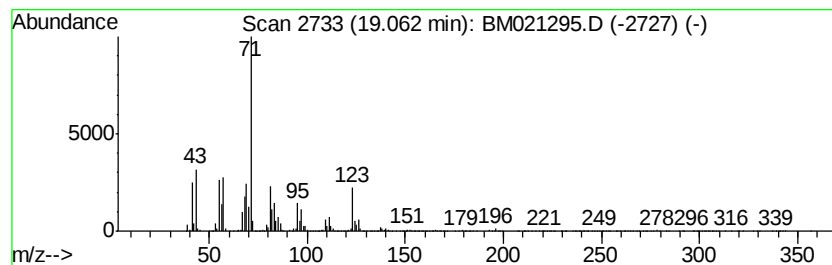
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phytol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	19.39 ng/ul	4478300	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phytol	296	C20H40O	000150-86-7	95
2		Phytol	296	C20H40O	000150-86-7	91
3		Isophytol	296	C20H40O	000505-32-8	87
4		Phytol	296	C20H40O	000150-86-7	78
5		1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 30 Jun 2019 12:56
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Sample : K3590-14
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ALS Vial : 41 Sample Multiplier: 1

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ClientSampleId :
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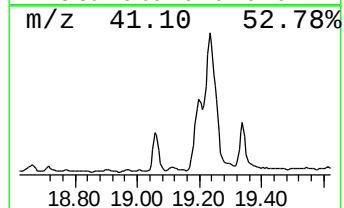
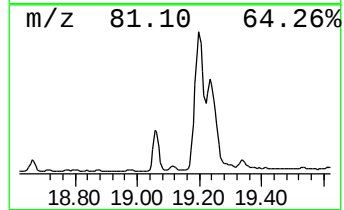
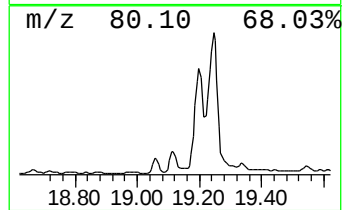
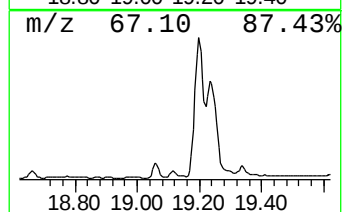
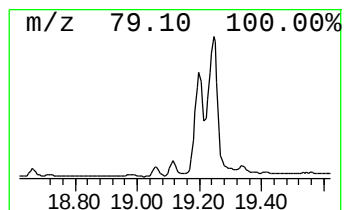
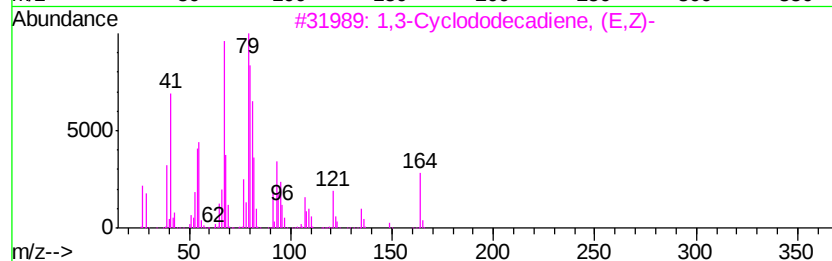
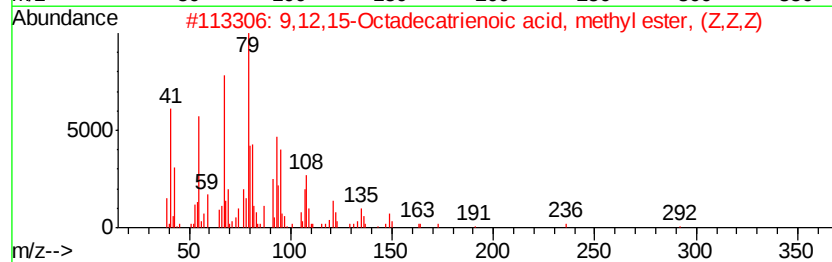
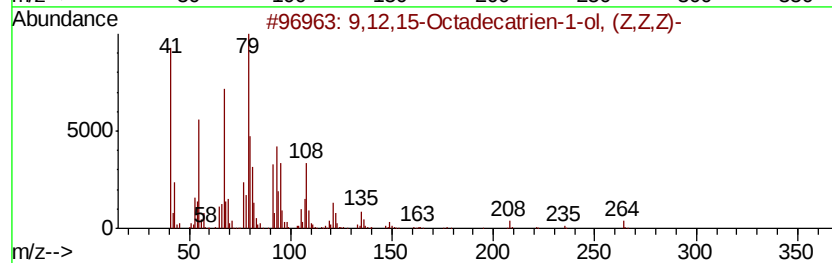
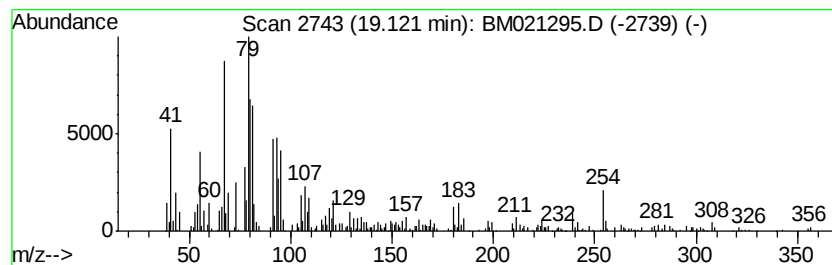
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 9,12,15-Octadecatrien-1-ol,... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.16 ng/ul	499594	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O	000506-44-5	91
2		9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	80
3		1,3-Cyclododecadiene, (E,Z)-	164	C12H20	001129-92-6	68
4		5,8,11-Heptadecatrienoic acid, m...	278	C18H30O2	022117-08-4	62
5		Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

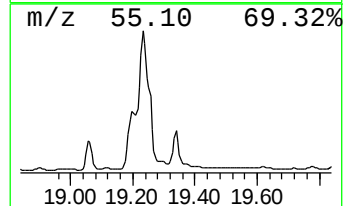
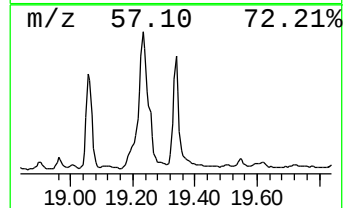
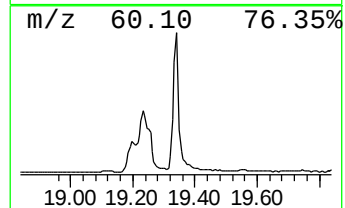
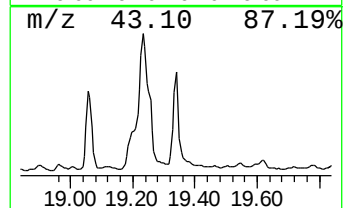
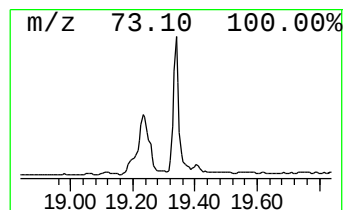
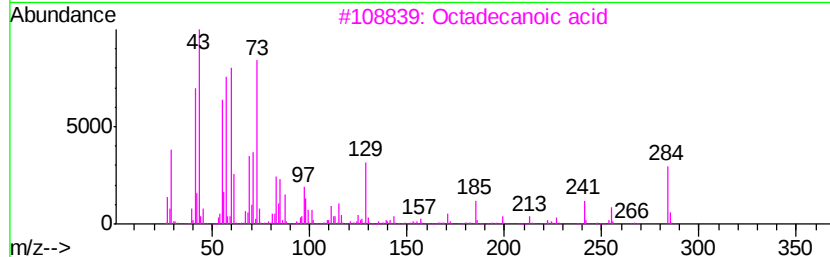
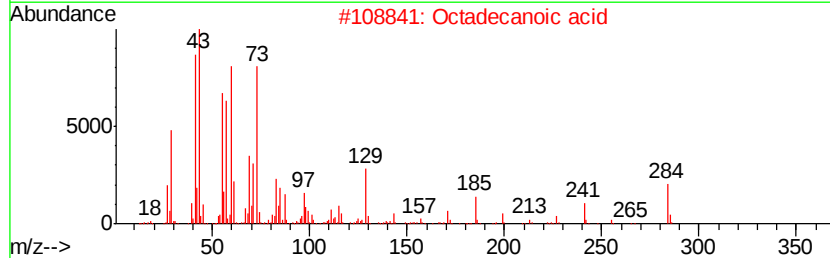
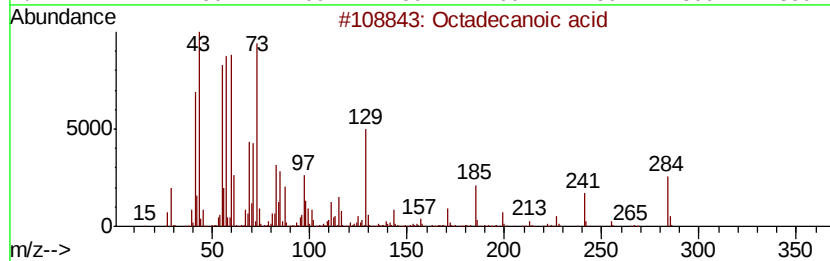
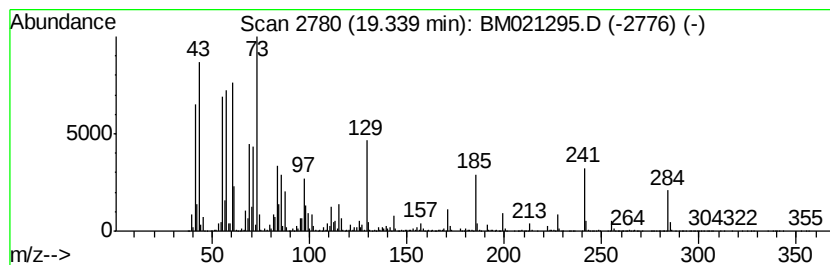
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Octadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.34	13.06 ng/ul	4988760	Chrysene-d12	21.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Octadecanoic acid		284	C18H36O2	000057-11-4	97
3	Octadecanoic acid		284	C18H36O2	000057-11-4	93
4	Octadecanoic acid		284	C18H36O2	000057-11-4	91
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB3

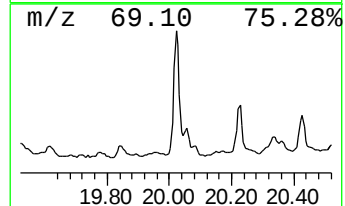
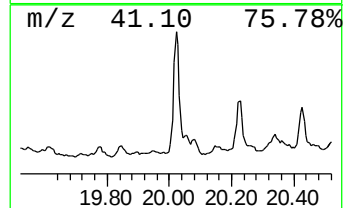
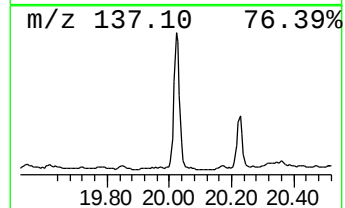
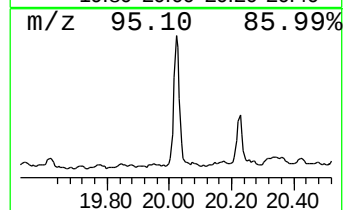
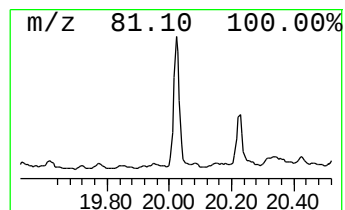
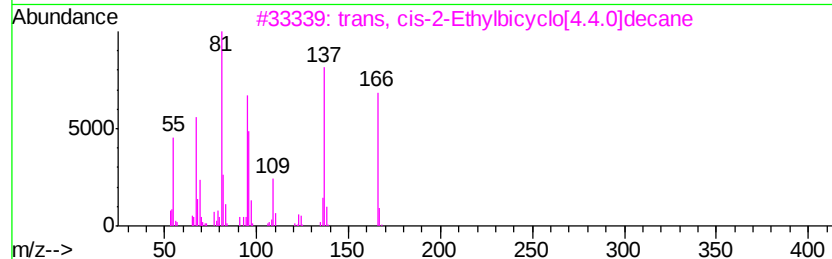
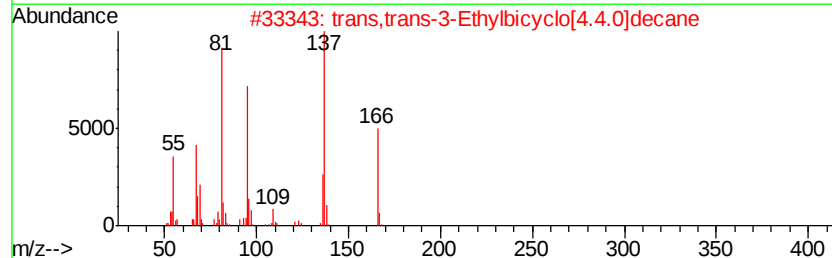
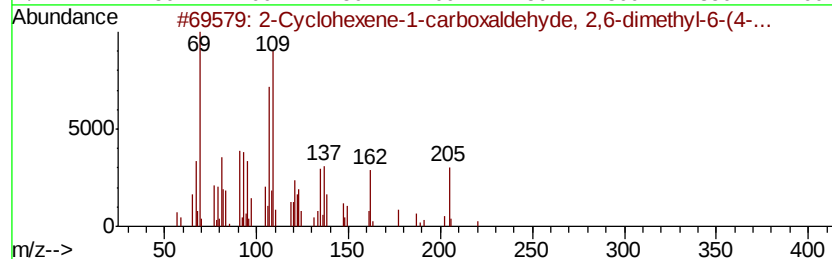
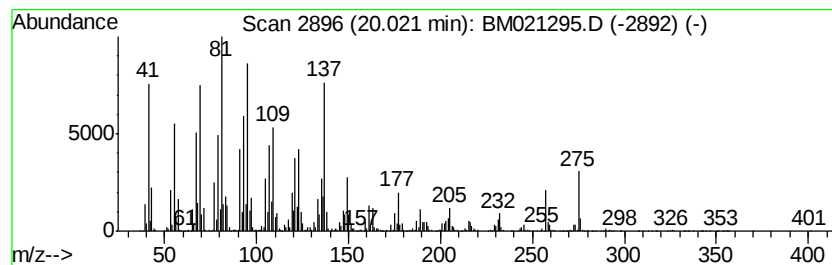
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 2-Cyclohexene-1-carboxaldeh... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	11.49 ng/ul	4387440	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexene-1-carboxaldehde, ...	220	C15H24O	056772-07-7	52
2		trans,trans-3-Ethylbicyclo[4.4.0]...	166	C12H22	058462-32-1	45
3		trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	43
4		trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	38
5		Cyclopentanecarboxylic acid, 3-m...	262	C17H26O2	074793-59-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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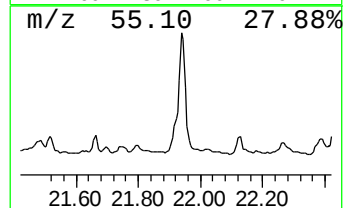
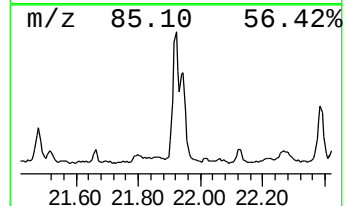
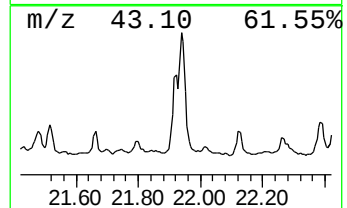
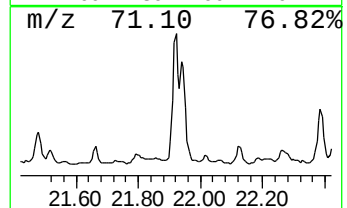
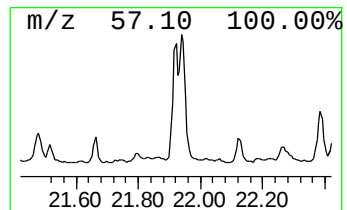
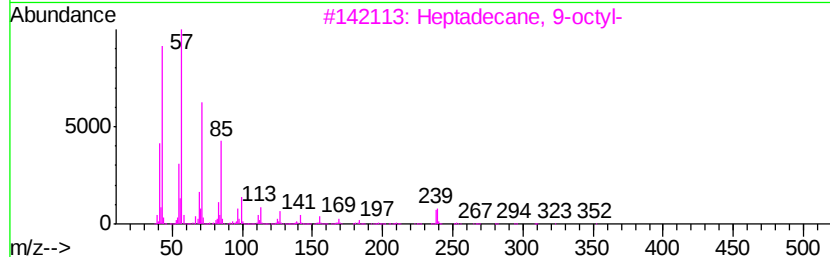
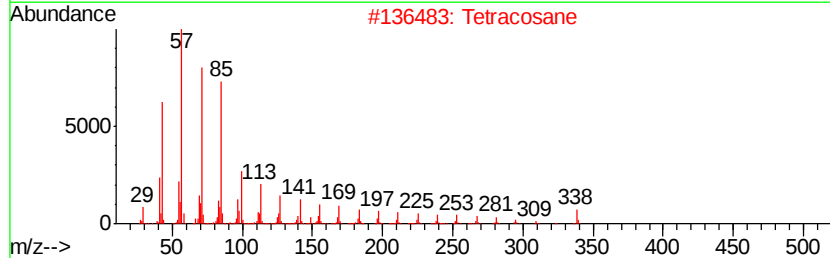
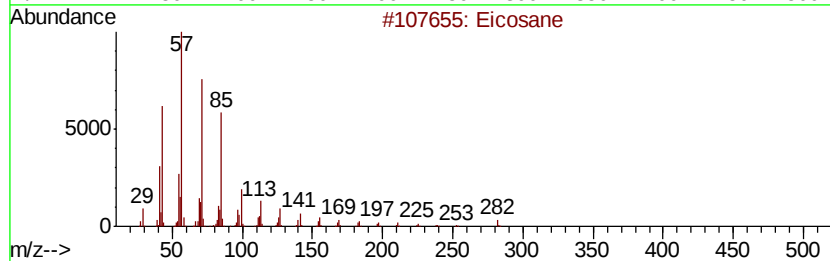
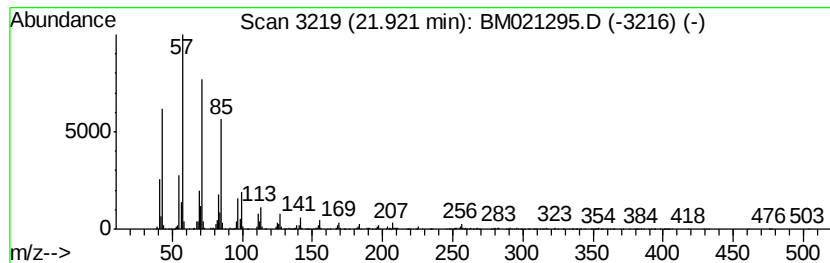
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.77 ng/ul	1056520	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetracosane	338	C24H50	000646-31-1	94
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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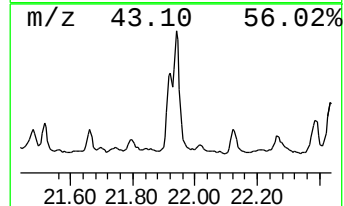
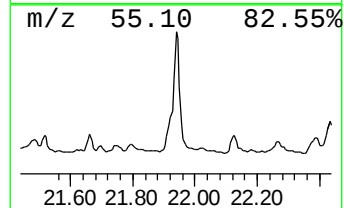
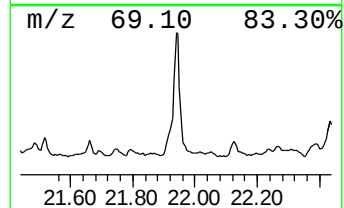
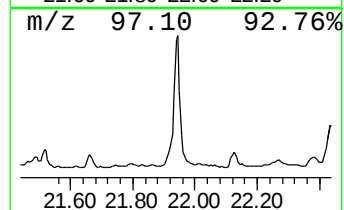
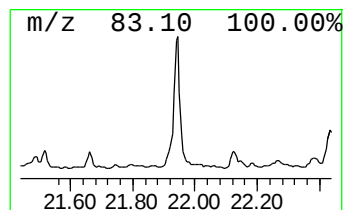
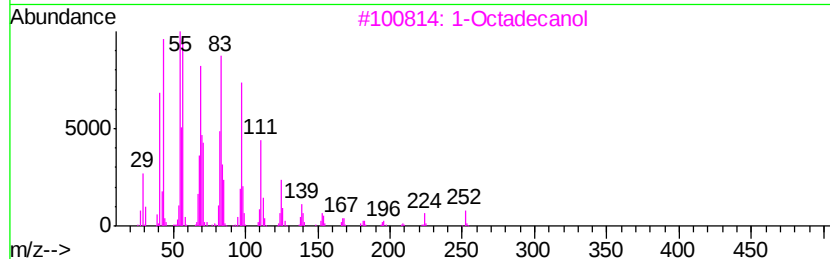
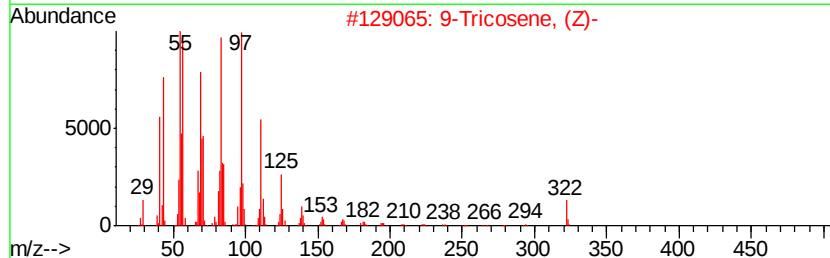
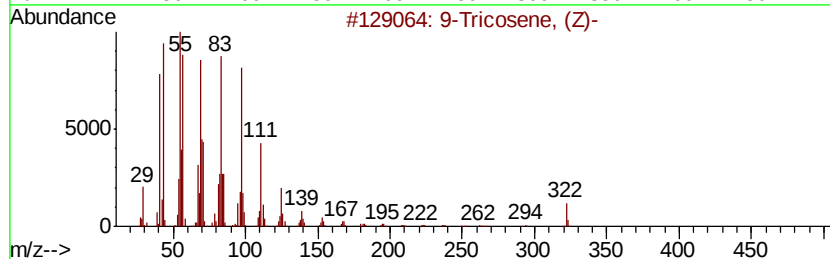
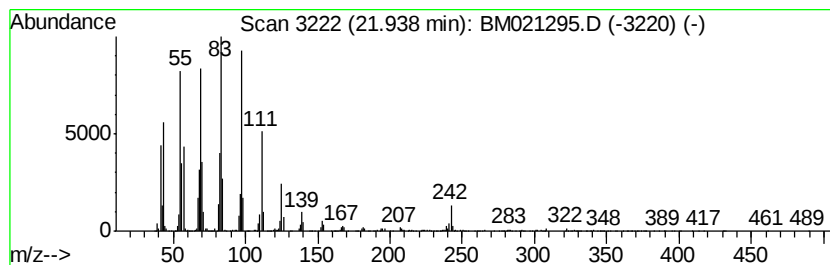
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Cyclic21.94 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	9.86 ng/ul	3767420	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
3		1-Octadecanol	270	C18H38O	000112-92-5	52
4		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	49
5		1-Nonadecene	266	C19H38	018435-45-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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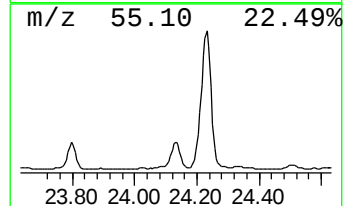
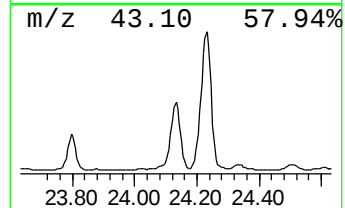
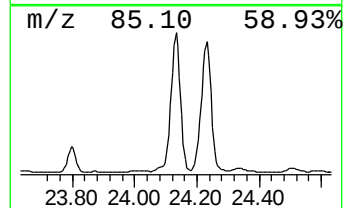
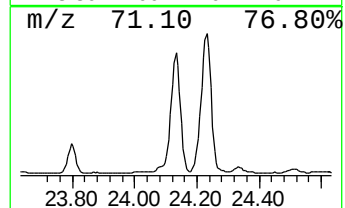
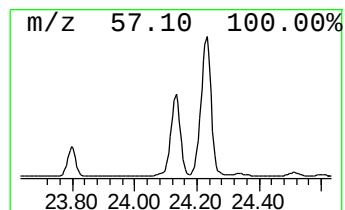
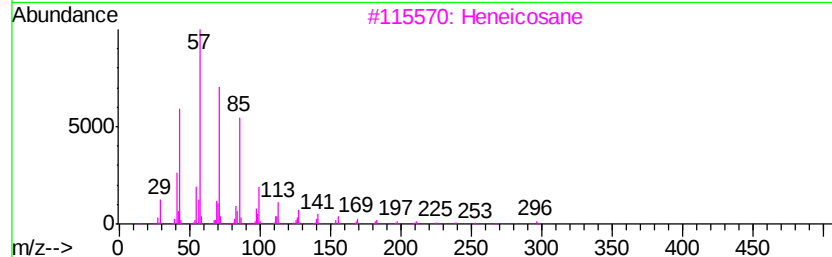
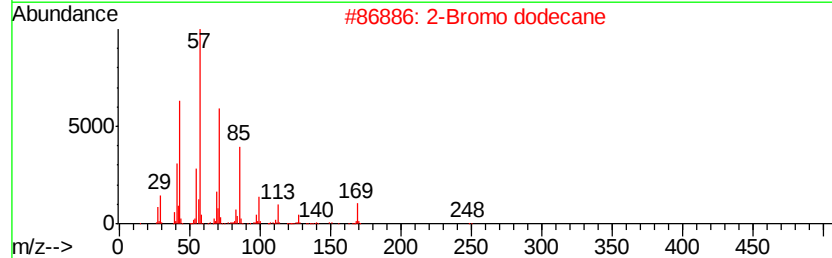
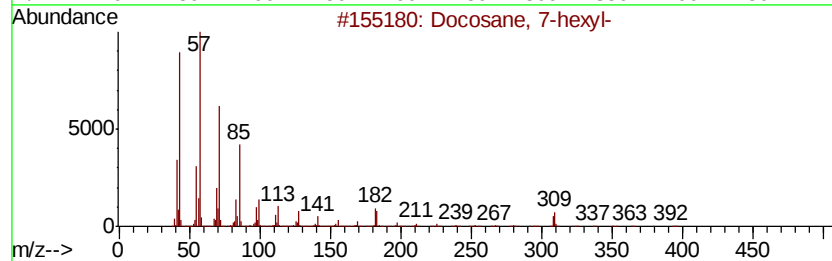
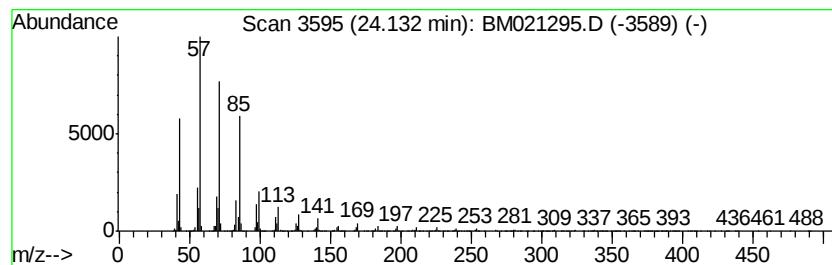
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	41.47 ng/ul	9241660	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021295.D
Acq On : 30 Jun 2019 12:56
Operator : HP/JU
Sample : K3590-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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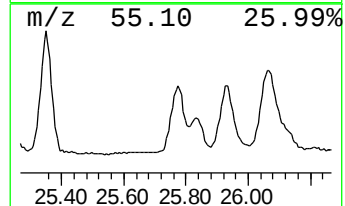
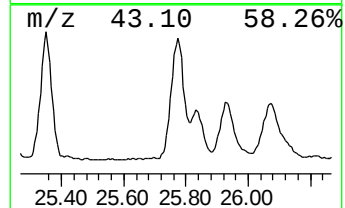
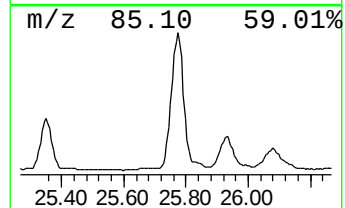
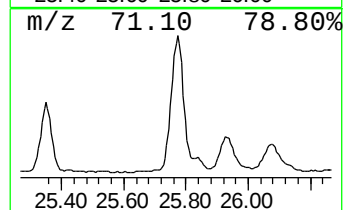
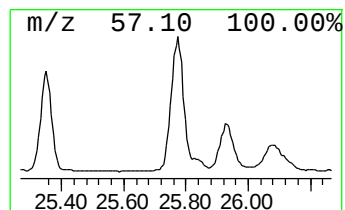
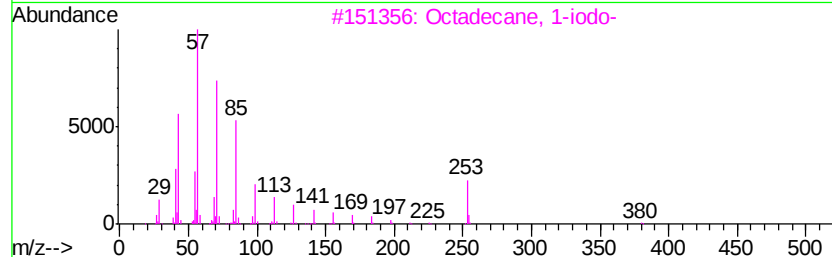
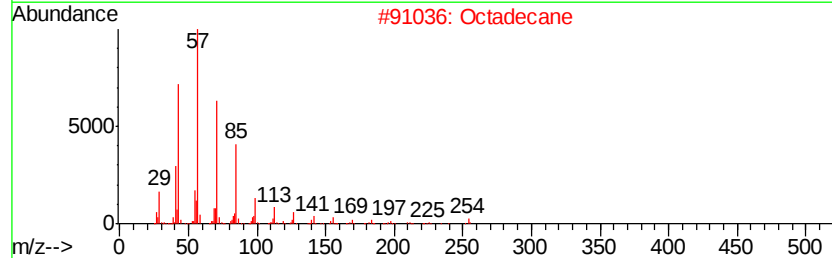
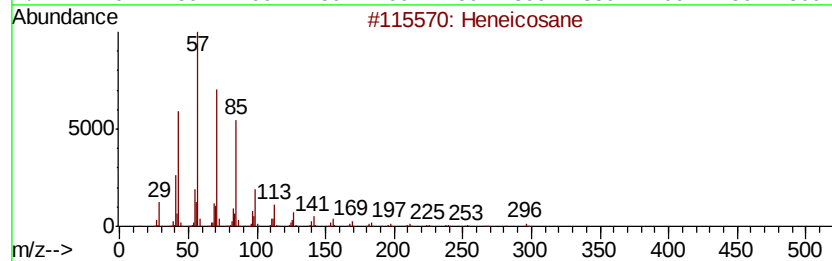
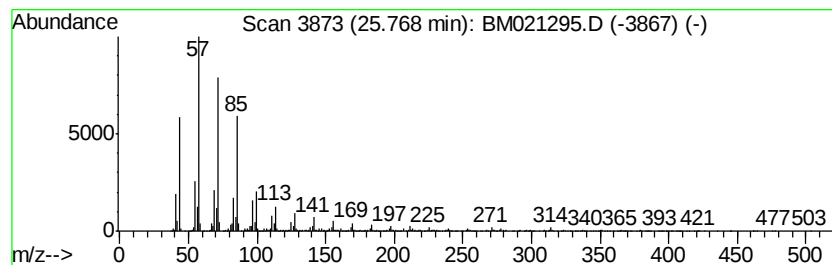
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	24.72 ng/ul	5509090	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Octadecane	254	C18H38	000593-45-3	95
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	93
4		triacontane	422	C30H62	000638-68-6	91
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021295.D
 Acq On : 30 Jun 2019 12:56
 Operator : HP/JU
 Sample : K3590-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	38.2	ng/ul	4430130	1	7.76	2316770	20.0
Cyclotrisiloxane,...	4.40	7.7	ng/ul	889297	1	7.76	2316770	20.0
.alpha.-Pinene	6.43	10.6	ng/ul	1222290	1	7.76	2316770	20.0
Heptanoic acid	6.84	8.8	ng/ul	1019680	1	7.76	2316770	20.0
Cyclotetrasiloxan...	6.86	4.8	ng/ul	550399	1	7.76	2316770	20.0
.beta.-Pinene	7.19	7.4	ng/ul	858769	1	7.76	2316770	20.0
Cyclopentasiloxan...	9.28	2.9	ng/ul	475937	2	10.55	3323110	20.0
unknown-01	9.86	4.1	ng/ul	681783	2	10.55	3323110	20.0
Caryophyllene	13.70	3.0	ng/ul	661621	3	14.40	4437810	20.0
Naphthalene, 1,2,...	14.46	3.6	ng/ul	798583	3	14.40	4437810	20.0
Dodecanoic acid	14.82	3.0	ng/ul	675021	3	14.40	4437810	20.0
1H-Cycloprop[e]az...	15.30	3.0	ng/ul	672560	3	14.40	4437810	20.0
.alpha.-Cadinol	15.96	4.7	ng/ul	1074470	4	17.15	4619490	20.0
Tetradecanoic acid	16.56	6.9	ng/ul	1603350	4	17.15	4619490	20.0
7-Acetyl-2-hydrox...	16.65	2.6	ng/ul	610741	4	17.15	4619490	20.0
2-Propanol, 1-chl...	16.90	3.1	ng/ul	719727	4	17.15	4619490	20.0
unknown-02	16.97	2.5	ng/ul	581552	4	17.15	4619490	20.0
Pentadecanoic acid	17.05	8.3	ng/ul	1920280	4	17.15	4619490	20.0
unknown-03	17.32	15.9	ng/ul	3661890	4	17.15	4619490	20.0
9-Hexadecenoic acid	17.94	36.4	ng/ul	8397810	4	17.15	4619490	20.0
Hexadecenoic acid...	18.00	46.1	ng/ul	10645900	4	17.15	4619490	20.0
n-Hexadecanoic acid	18.08	121.3	ng/ul	28020700	4	17.15	4619490	20.0
unknown-04	18.32	8.2	ng/ul	1899120	4	17.15	4619490	20.0
(DEL) Alkane: Cyc...	18.35	2.4	ng/ul	542054	4	17.15	4619490	20.0
Heptadecanoic acid	18.48	2.4	ng/ul	554795	4	17.15	4619490	20.0
5.beta.,8.beta.H,...	18.66	6.2	ng/ul	1435090	4	17.15	4619490	20.0
unknown-05	18.99	3.2	ng/ul	734107	4	17.15	4619490	20.0
Phytol	19.06	19.4	ng/ul	4478300	4	17.15	4619490	20.0
9,12,15-Octadecat...	19.12	2.2	ng/ul	499594	4	17.15	4619490	20.0
Octadecanoic acid	19.34	13.1	ng/ul	4988760	5	21.34	7639300	20.0
2-Cyclohexene-1-c...	20.02	11.5	ng/ul	4387440	5	21.34	7639300	20.0
(DEL) Alkane: Str...	21.92	2.8	ng/ul	1056520	5	21.34	7639300	20.0
(DEL) Alkane: Cyc...	21.94	9.9	ng/ul	3767420	5	21.34	7639300	20.0
(DEL) Alkane: Str...	24.13	41.5	ng/ul	9241660	6	23.62	4457450	20.0
(DEL) Alkane: Str...	25.77	24.7	ng/ul	5509090	6	23.62	4457450	20.0