

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021268.D
 Acq On : 29 Jun 2019 18:52
 Operator : HP/JU
 Sample : K3593-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C6BA0

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	23	rVB	4137516	4971530	6.33%	0.909%
2	4.404	236	241	249	rVB	600973	804354	1.02%	0.147%
3	6.275	554	559	569	rVB	258489	409064	0.52%	0.075%
4	6.440	579	587	596	rVB	1653623	2538037	3.23%	0.464%
5	6.816	642	651	654	rVV2	234349	602844	0.77%	0.110%
6	6.863	654	659	664	rVV	422161	601834	0.77%	0.110%
7	6.934	664	671	681	rVB	1198658	2007305	2.56%	0.367%
8	7.057	681	692	695	rBV2	305810	502645	0.64%	0.092%
9	7.098	695	699	708	rVV	901590	1386898	1.77%	0.253%
10	7.187	708	714	725	rVB	707585	1241261	1.58%	0.227%
11	7.292	726	732	742	rBV	1246277	1950801	2.48%	0.357%
12	7.757	804	811	818	rBV	1164991	1839682	2.34%	0.336%
13	8.463	925	931	946	rVB	1553636	2640679	3.36%	0.483%
14	8.922	1002	1009	1019	rVV	1227402	2149159	2.74%	0.393%
15	9.286	1063	1071	1075	rBV	286025	449497	0.57%	0.082%
16	9.633	1121	1130	1145	rVB	1028765	1782306	2.27%	0.326%
17	9.857	1153	1168	1179	rBV5	345935	948312	1.21%	0.173%
18	10.169	1213	1221	1238	rVB	1813931	3091823	3.94%	0.565%
19	10.545	1278	1285	1291	rBV	1660487	2675635	3.41%	0.489%
20	13.263	1741	1747	1753	rBV3	255582	433129	0.55%	0.079%
21	13.704	1818	1822	1831	rVB	390536	610231	0.78%	0.112%
22	13.816	1831	1841	1845	rBV	3155943	4701982	5.99%	0.859%
23	13.863	1845	1849	1854	rVV	2369762	3182650	4.05%	0.582%
24	14.092	1882	1888	1894	rVB	3541123	5176267	6.59%	0.946%
25	14.398	1935	1940	1946	rVV2	2436090	3798997	4.84%	0.694%
26	14.463	1946	1951	1962	rVB3	379969	848516	1.08%	0.155%
27	14.621	1970	1978	1990	rBV3	1139687	3189856	4.06%	0.583%
28	14.821	2007	2012	2016	rBV2	525874	721585	0.92%	0.132%
29	15.310	2087	2095	2099	rBV3	418814	721448	0.92%	0.132%
30	15.398	2104	2110	2116	rVV	5148722	7210159	9.18%	1.318%
31	15.521	2126	2131	2138	rVB	807967	1176327	1.50%	0.215%
32	15.962	2199	2206	2213	rVB2	721572	1175408	1.50%	0.215%
33	16.257	2251	2256	2261	rBV2	239995	429614	0.55%	0.079%
34	16.474	2289	2293	2301	rVB	228478	370186	0.47%	0.068%

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35	16.557	2301	2307	2311	rBV	1276152	1687369	2.15%	0.308%
36	16.651	2319	2323	2331	rBV	511583	709737	0.90%	0.130%
37	16.904	2359	2366	2370	rBV5	266029	638943	0.81%	0.117%
38	16.968	2373	2377	2383	rVB2	359703	662429	0.84%	0.121%
39	17.051	2386	2391	2398	rBV	1563649	2079127	2.65%	0.380%
40	17.115	2398	2402	2404	rVV	736827	960471	1.22%	0.176%
41	17.151	2404	2408	2411	rVV	3040940	4268779	5.43%	0.780%
42	17.192	2411	2415	2419	rVV	1655365	2588224	3.29%	0.473%
43	17.251	2419	2425	2431	rVV	4383670	7158768	9.11%	1.308%
44	17.315	2431	2436	2446	rVB2	2665548	4171293	5.31%	0.762%
45	17.527	2468	2472	2483	rVB2	366813	765499	0.97%	0.140%
46	17.668	2492	2496	2502	rVB2	335378	485693	0.62%	0.089%
47	17.786	2511	2516	2518	rBV	343184	528908	0.67%	0.097%
48	17.939	2534	2542	2548	rBV	4418680	8111039	10.33%	1.483%
49	18.004	2548	2553	2558	rVV	6129026	9392772	11.96%	1.717%
50	18.080	2558	2566	2585	rVV	15651983	31313384	39.86%	5.723%
51	18.315	2601	2606	2610	rBV	2012519	2748099	3.50%	0.502%
52	18.351	2610	2612	2617	rVB3	400574	544759	0.69%	0.100%
53	18.480	2631	2634	2639	rVV2	504122	651629	0.83%	0.119%
54	18.539	2639	2644	2647	rVV3	354106	500876	0.64%	0.092%
55	18.662	2659	2665	2670	rVB	1224413	1772842	2.26%	0.324%
56	18.715	2670	2674	2679	rBV2	530481	832939	1.06%	0.152%
57	18.768	2680	2683	2687	rVB4	268398	354982	0.45%	0.065%
58	18.986	2713	2720	2727	rVB3	479074	1273852	1.62%	0.233%
59	19.056	2727	2732	2739	rBV	3748652	5248771	6.68%	0.959%
60	19.233	2749	2762	2771	rBV4	13042165	42609999	54.24%	7.788%
61	19.339	2776	2780	2789	rVB	5170427	6791331	8.65%	1.241%
62	19.545	2810	2815	2818	rBV	4804564	6958556	8.86%	1.272%
63	19.574	2818	2820	2825	rVB	2489633	2764365	3.52%	0.505%
64	19.774	2851	2854	2860	rVB4	628031	801852	1.02%	0.147%
65	20.021	2892	2896	2900	rBV	4104595	5440075	6.93%	0.994%
66	20.227	2926	2931	2936	rBV3	1895777	2895051	3.69%	0.529%
67	20.427	2961	2965	2969	rBV3	1065376	1313184	1.67%	0.240%
68	20.521	2977	2981	2982	rBV	840013	1015840	1.29%	0.186%
69	20.592	2982	2993	3008	rVV	30112664	78552738	100.00%	14.358%
70	20.921	3045	3049	3056	rBV	2719688	3408791	4.34%	0.623%
71	21.039	3064	3069	3078	rVB3	5507498	7414043	9.44%	1.355%

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72	21.203	3095	3097	3102	rVB	516926	634752	0.81%	0.116%
73	21.339	3114	3120	3124	rBV2	3462368	6930324	8.82%	1.267%
74	21.374	3124	3126	3132	rVB	1717093	2010821	2.56%	0.368%
75	21.662	3172	3175	3177	rVB	525687	548551	0.70%	0.100%
76	21.692	3178	3180	3185	rVB2	444880	547569	0.70%	0.100%
77	21.915	3215	3218	3219	rBV	1346585	1349980	1.72%	0.247%
78	21.939	3219	3222	3232	rVB2	2818795	3888933	4.95%	0.711%
79	22.121	3251	3253	3260	rVB3	494179	613727	0.78%	0.112%
80	22.386	3294	3298	3302	rBV	980451	1471563	1.87%	0.269%
81	22.433	3303	3306	3311	rVB	866596	1181854	1.50%	0.216%
82	22.621	3333	3338	3347	rBV	10321630	15051217	19.16%	2.751%
83	22.903	3380	3386	3389	rBV	3109920	5995844	7.63%	1.096%
84	22.956	3389	3395	3405	rVB2	16916052	30305108	38.58%	5.539%
85	23.415	3469	3473	3476	rBV	738646	1183779	1.51%	0.216%
86	23.468	3477	3482	3487	rVV	3749726	6649552	8.47%	1.215%
87	23.515	3487	3490	3499	rVB	1037742	2010414	2.56%	0.367%
88	23.609	3501	3506	3512	rBV	1820882	3423578	4.36%	0.626%
89	23.791	3532	3537	3546	rVB	3507241	6328416	8.06%	1.157%
90	24.127	3588	3594	3602	rVB	4294067	8844605	11.26%	1.617%
91	24.227	3602	3611	3623	rVB	16350940	35971149	45.79%	6.575%
92	24.891	3717	3724	3737	rVB5	2195180	5534123	7.05%	1.012%
93	25.344	3794	3801	3812	rVB	2869456	7361748	9.37%	1.346%
94	25.768	3866	3873	3878	rBV	1848978	5048119	6.43%	0.923%
95	25.915	3892	3898	3912	rVB2	1469487	4304252	5.48%	0.787%
96	26.056	3915	3922	3942	rVB5	2375608	8646704	11.01%	1.580%
97	26.703	4021	4032	4043	rVB2	8756675	27741465	35.32%	5.071%
98	27.474	4155	4163	4174	rVV5	2010888	6469269	8.24%	1.182%
99	27.603	4177	4185	4209	rVB3	2747536	9726909	12.38%	1.778%
100	28.297	4291	4303	4320	rVB2	5730154	21578480	27.47%	3.944%

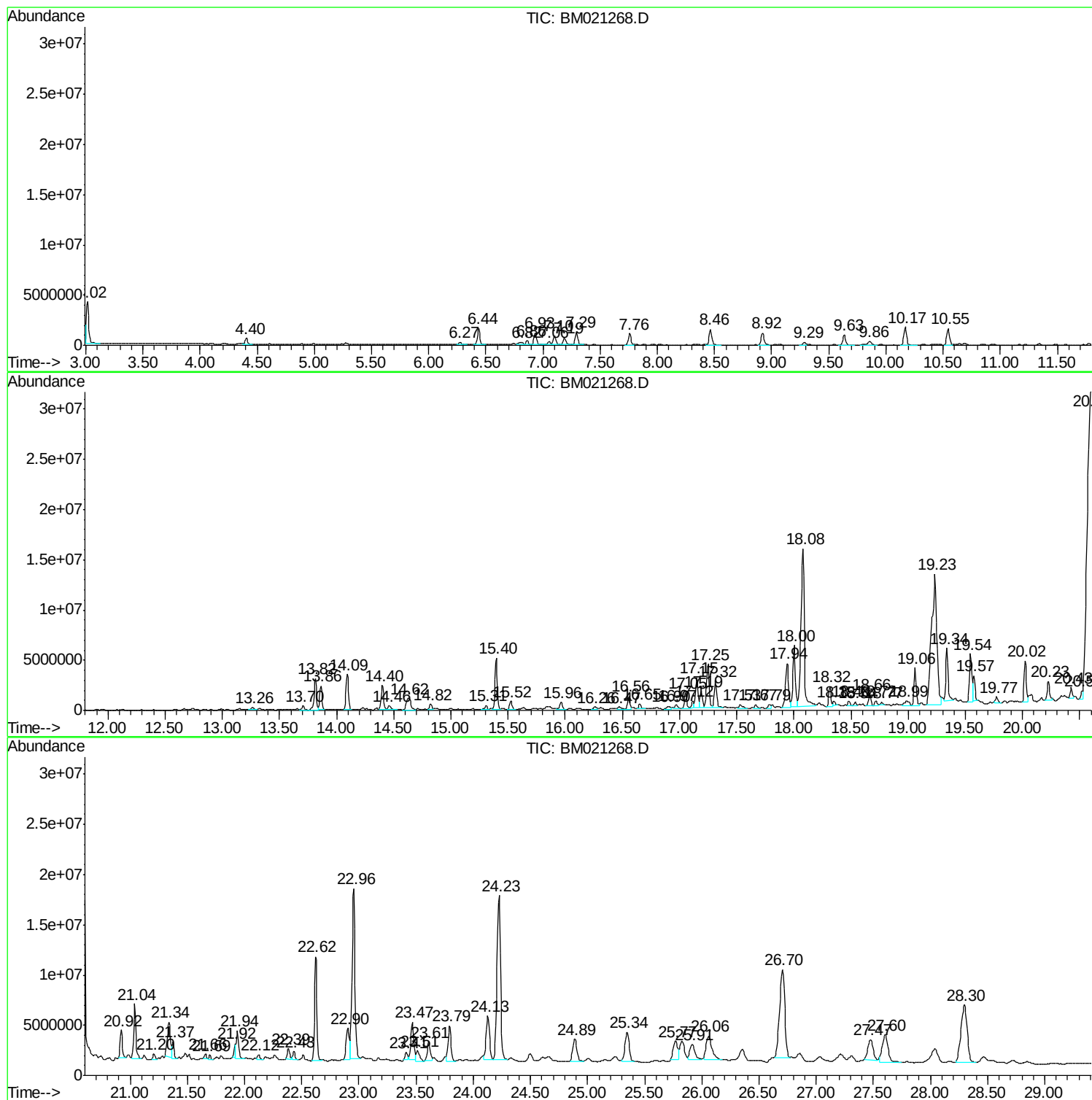
Sum of corrected areas: 547109835

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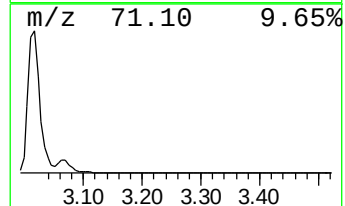
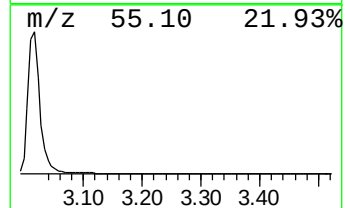
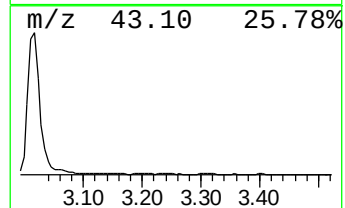
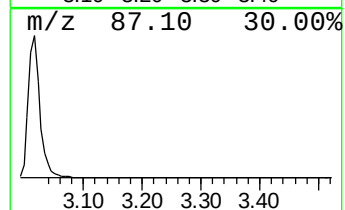
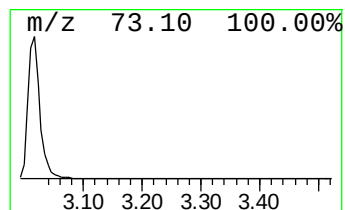
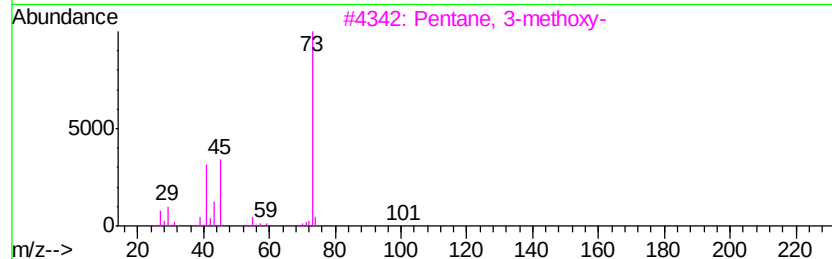
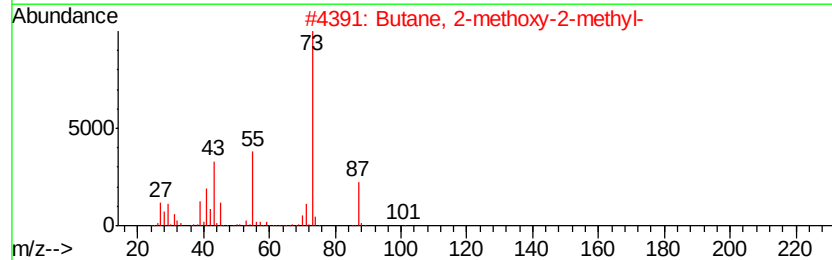
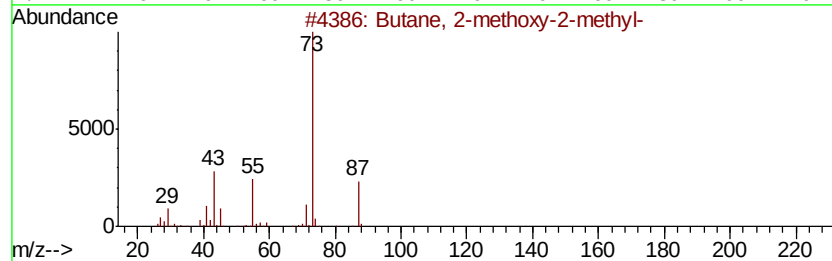
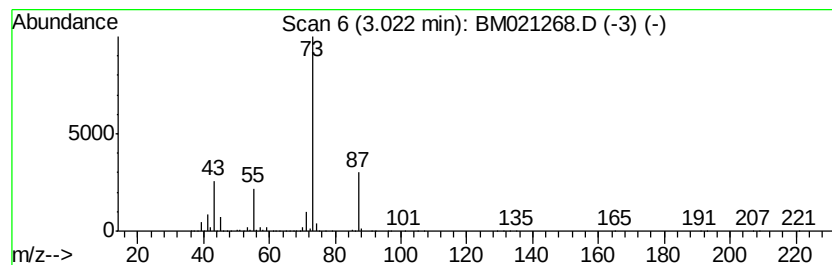
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	54.05 ng/ul	4971530	1,4-Dichlorobenzene-d4	7.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64	
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17	
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9	
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9	



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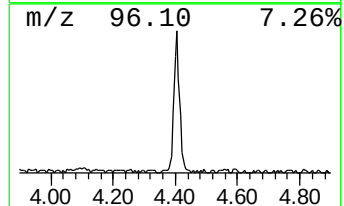
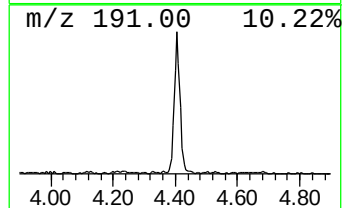
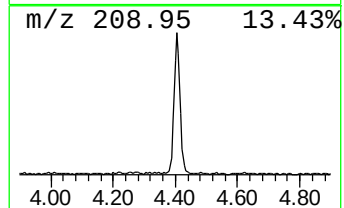
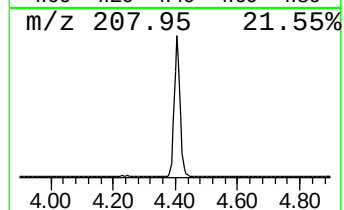
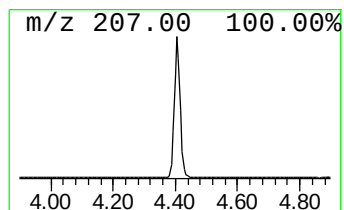
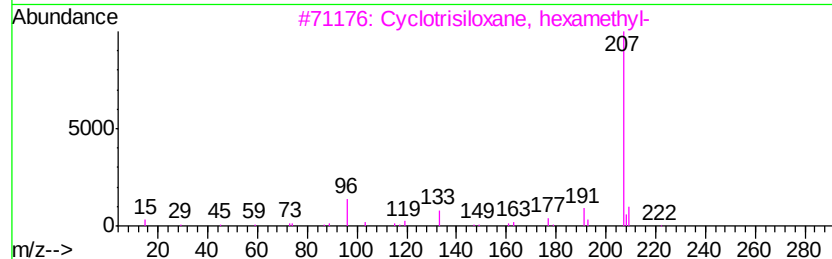
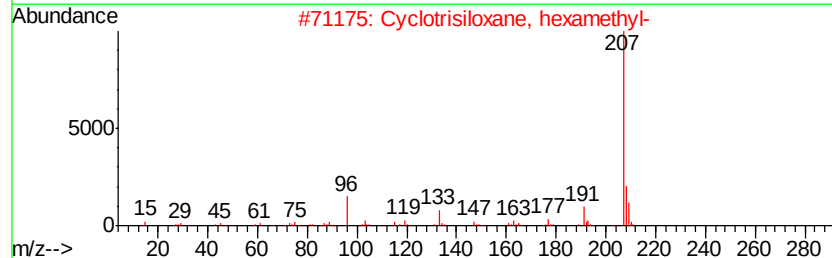
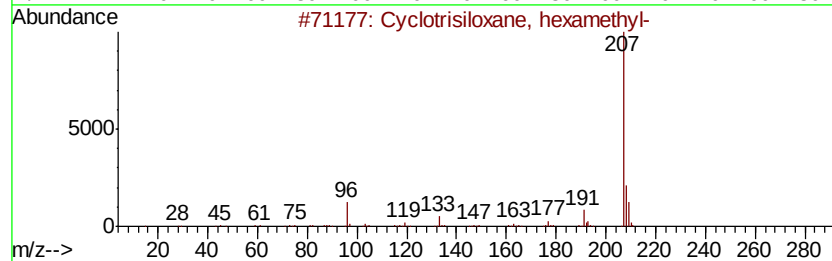
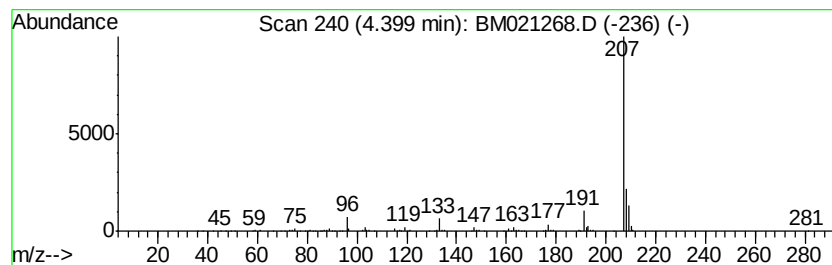
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	8.74 ng/ul	804354	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	90
3		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
4		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5		2-Ethylacridine	207	C15H13N	055751-83-2	38



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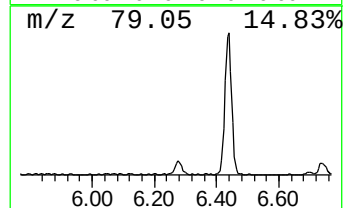
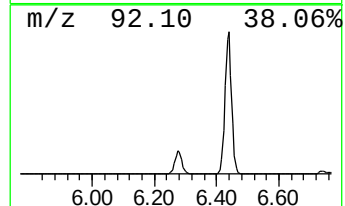
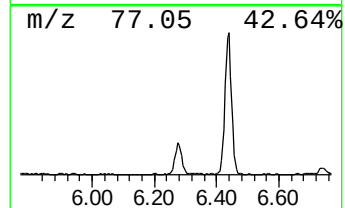
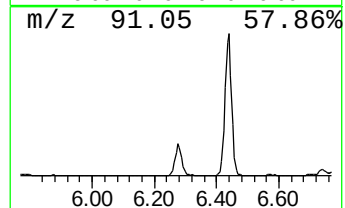
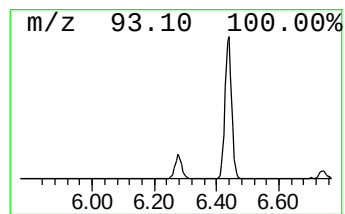
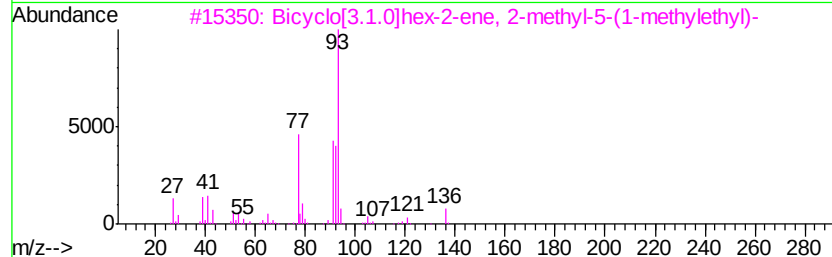
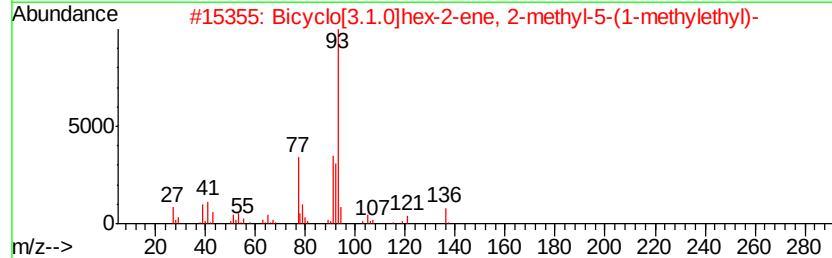
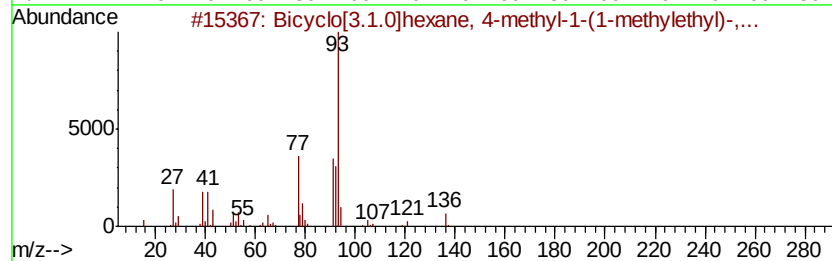
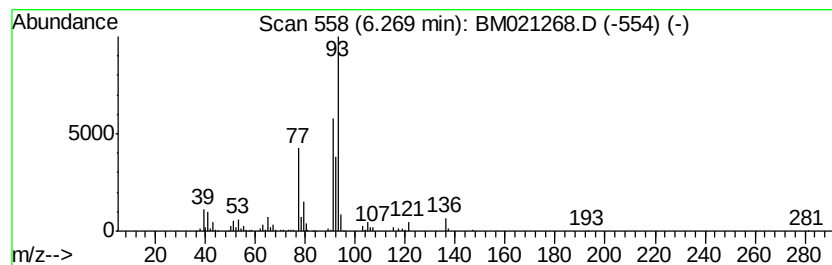
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	4.45 ng/ul	409064	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexane, 4-methyl-1...	136	C10H16	058037-87-9	94
2		Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	91
3		Bicyclo[3.1.0]hex-2-ene, 2-methv...	136	C10H16	002867-05-2	91
4		Bicyclo[3.1.0]hex-2-ene, 2-methv...	136	C10H16	002867-05-2	87
5		.alpha.-Phellandrene	136	C10H16	000099-83-2	86



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Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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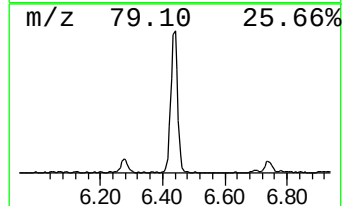
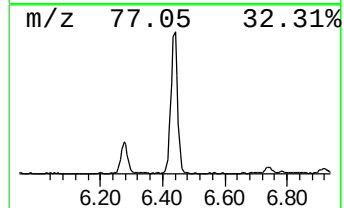
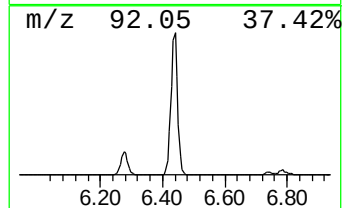
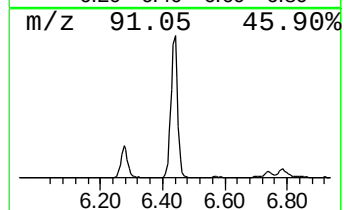
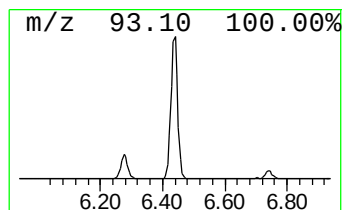
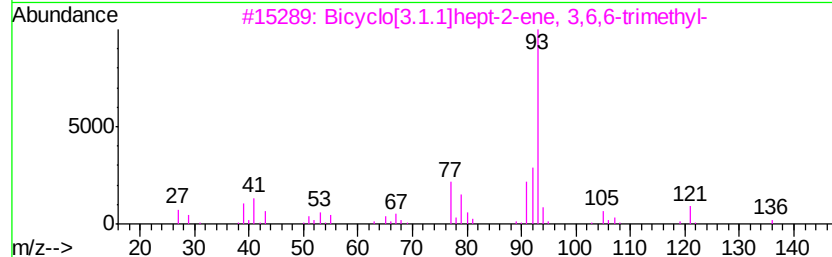
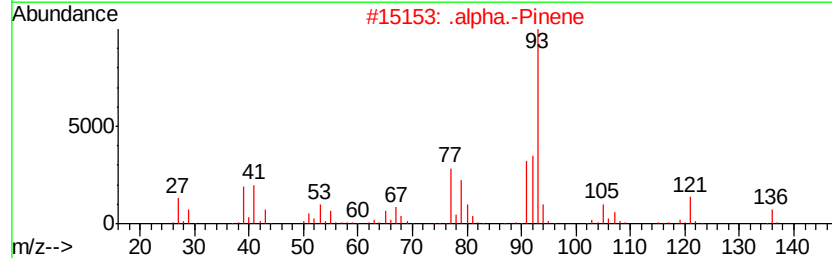
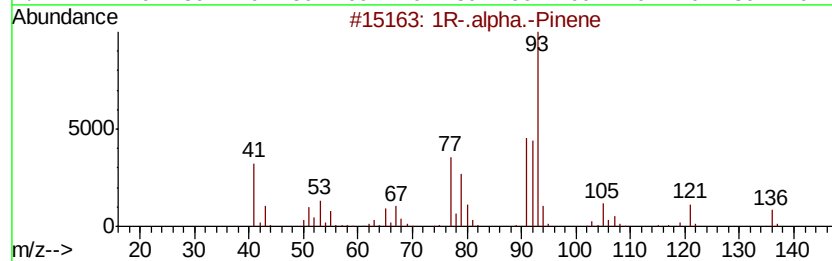
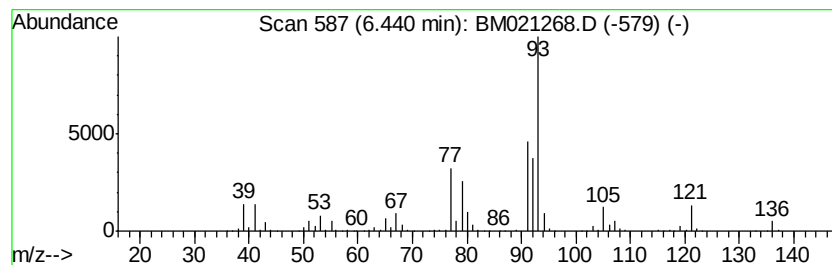
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1R-.alpha.-Pinene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	27.59 ng/ul	2538040	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4		3-Carene	136	C10H16	013466-78-9	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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Data File : BM021268.D
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Instrument :
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ClientSampleId :
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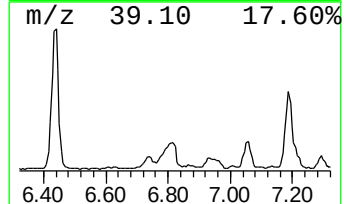
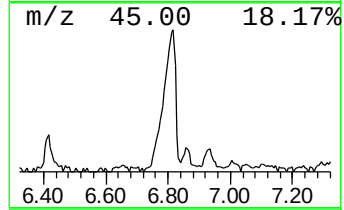
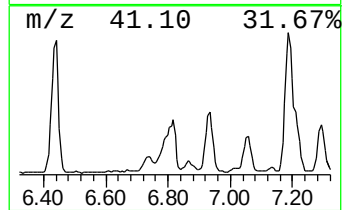
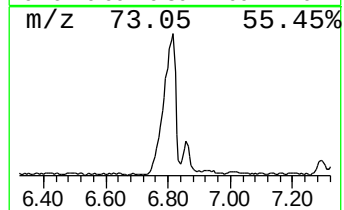
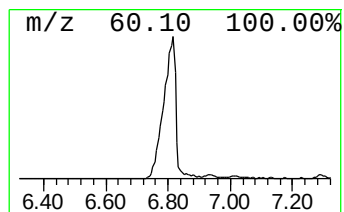
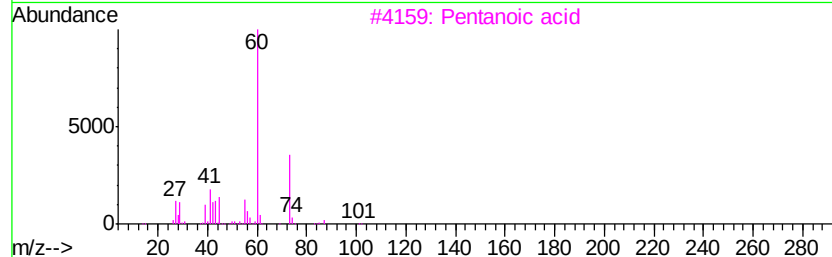
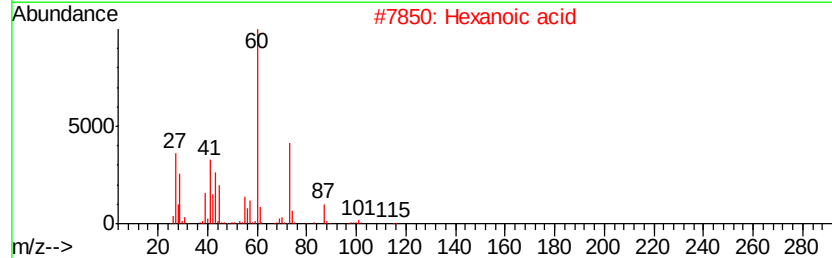
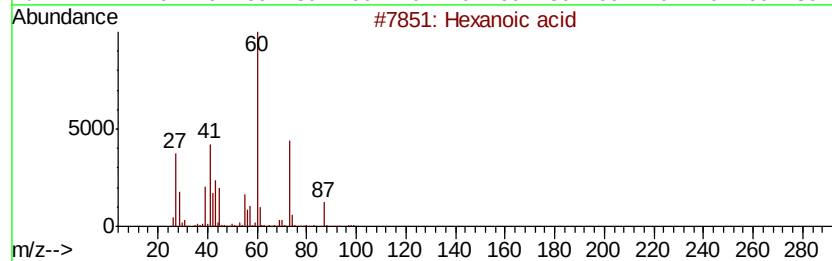
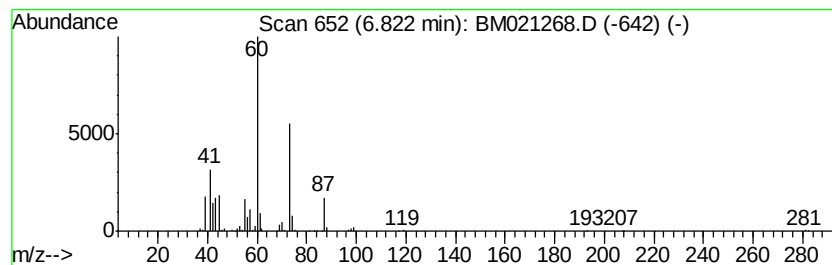
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexanoic acid Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	6.55 ng/ul	602844	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid	116	C6H12O2	000142-62-1	83
2		Hexanoic acid	116	C6H12O2	000142-62-1	83
3		Pentanoic acid	102	C5H10O2	000109-52-4	78
4		Hexanoic acid	116	C6H12O2	000142-62-1	78
5		Octanoic Acid	144	C8H16O2	000124-07-2	64



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Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
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Sample : K3593-11
Misc :
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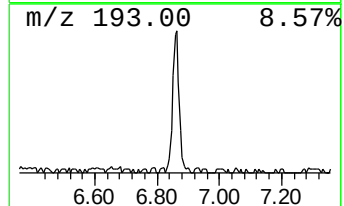
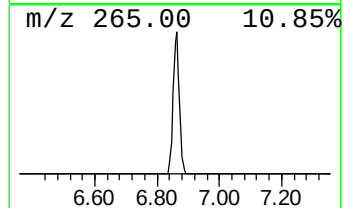
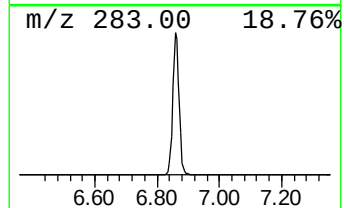
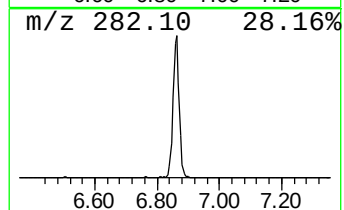
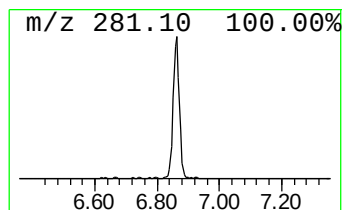
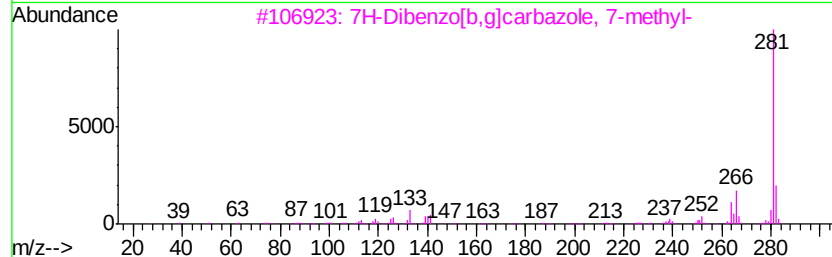
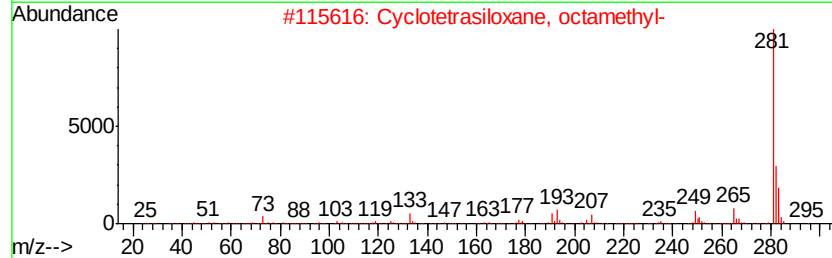
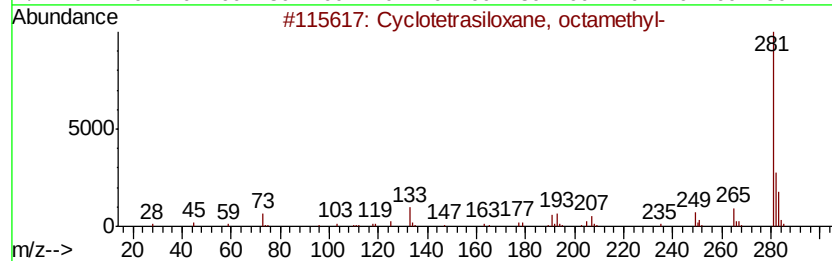
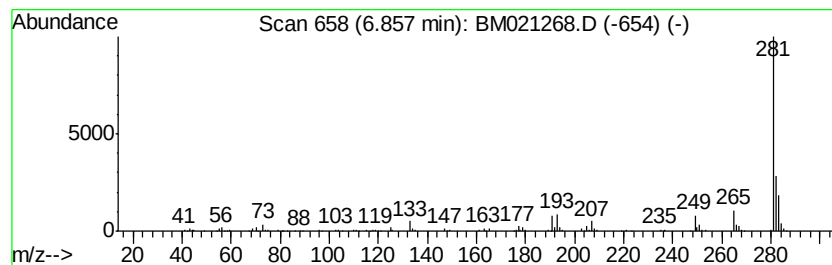
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclotetrasiloxane, octamet... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	6.54 ng/ul	601834	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	50
4			trans-4-Dimethylamino-4'-methoxy...	281	C18H19NO2	052119-37-6	45
5			trans-4-(2-(5-Nitro-2-furyl)viny...	281	C15H11N3O3	000847-10-9	40



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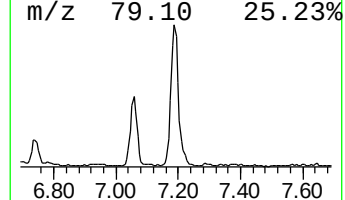
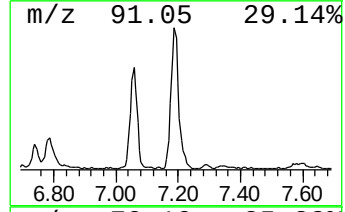
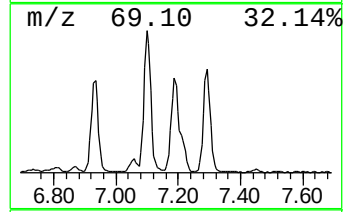
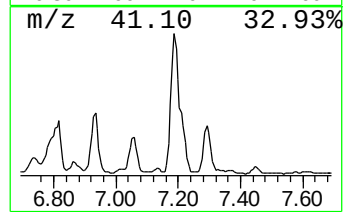
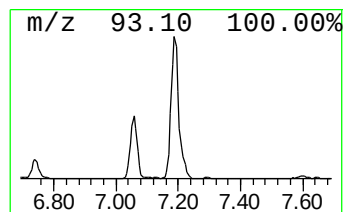
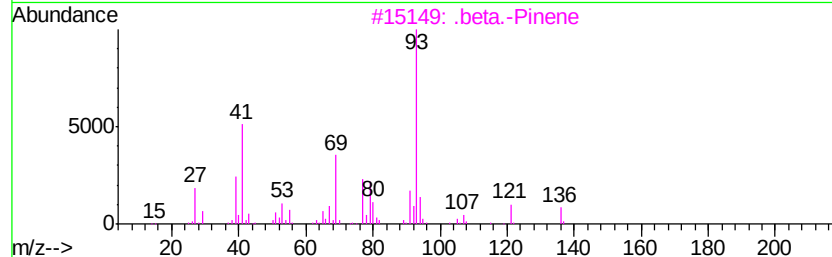
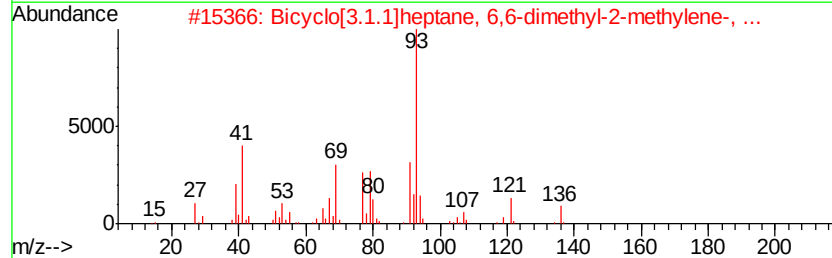
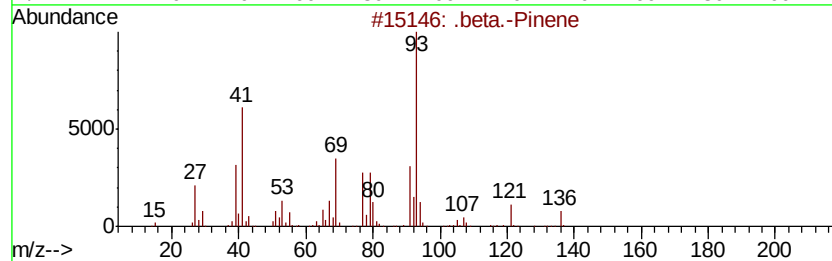
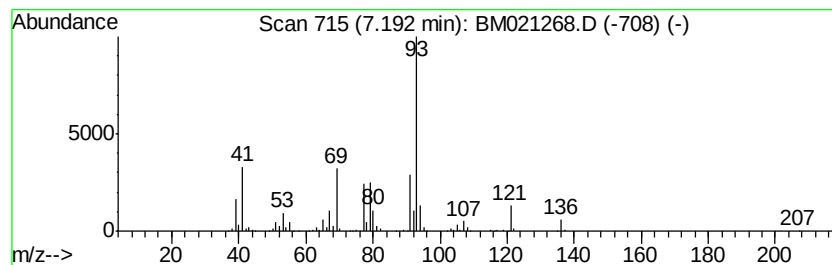
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 .beta.-Pinene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	13.49 ng/ul	1241260	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Pinene	136	C10H16	000127-91-3	93
2		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3		.beta.-Pinene	136	C10H16	000127-91-3	91
4		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5		.beta.-Pinene	136	C10H16	000127-91-3	91



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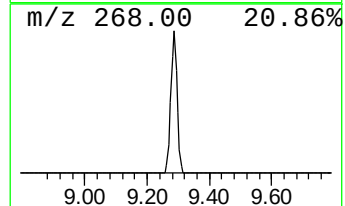
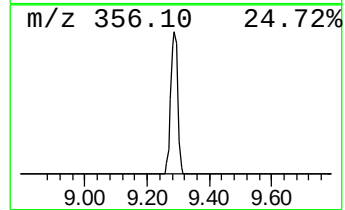
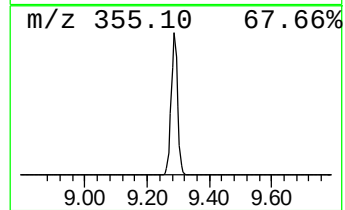
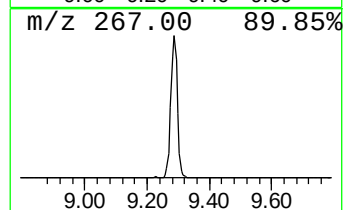
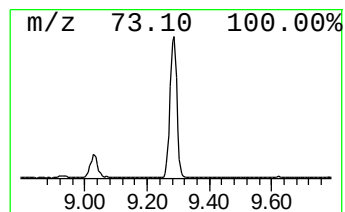
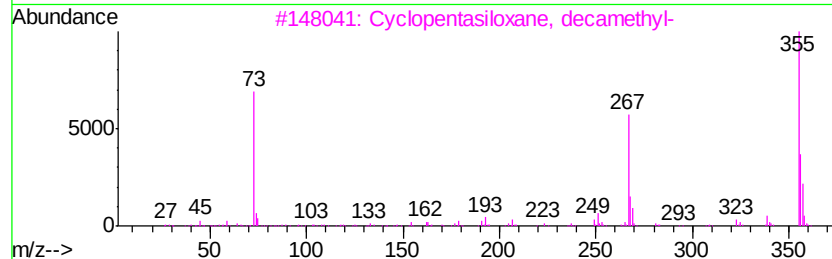
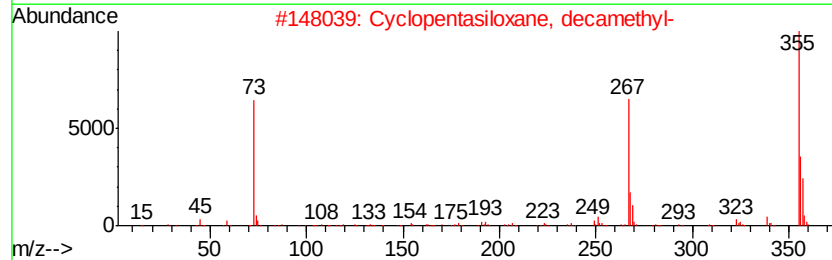
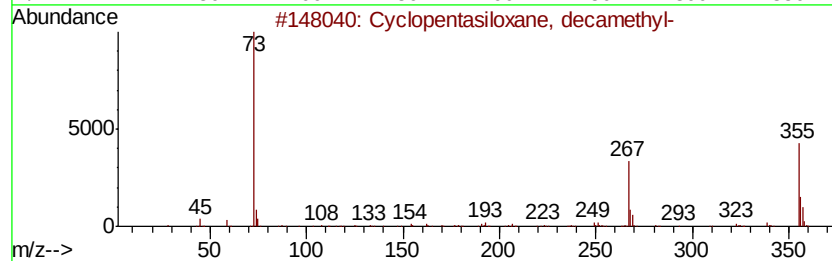
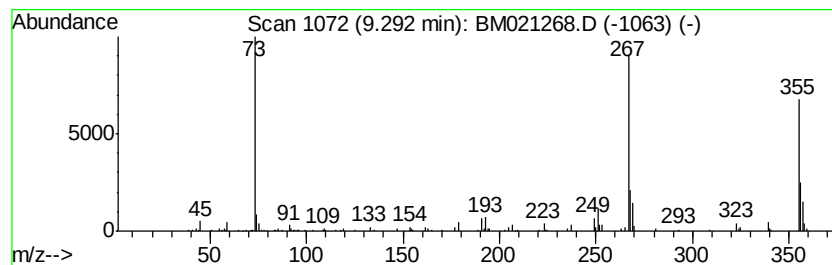
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	3.36 ng/ul	449497	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		Benzaldehyde, 2,5-bis[(trimethyl...]	282	C13H22O3Si2	056114-69-3	40
5		Benzenemethanol, .alpha.-(aminom...]	369	C17H35N02Si3	056145-08-5	38



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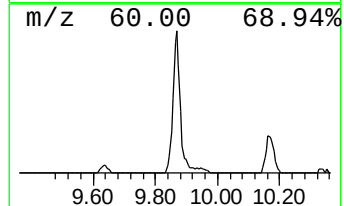
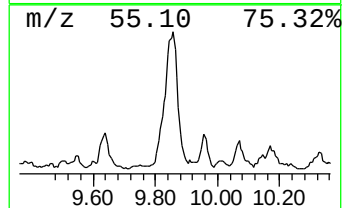
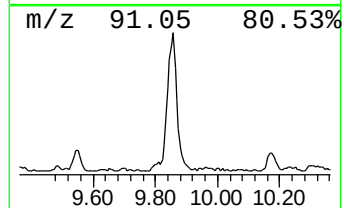
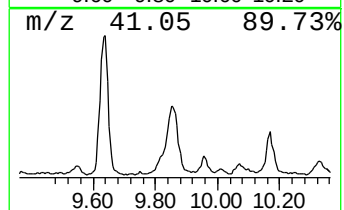
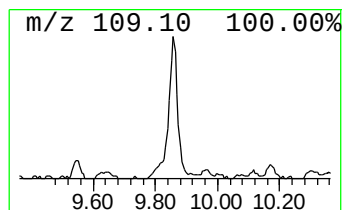
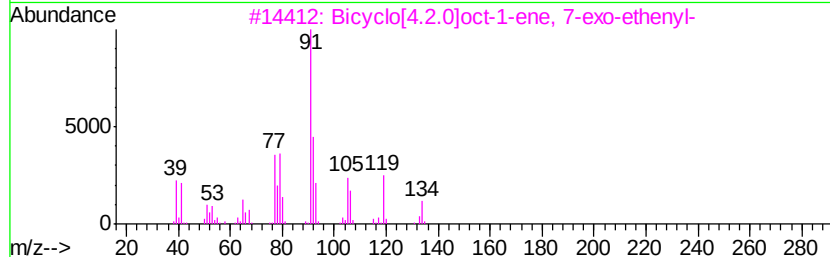
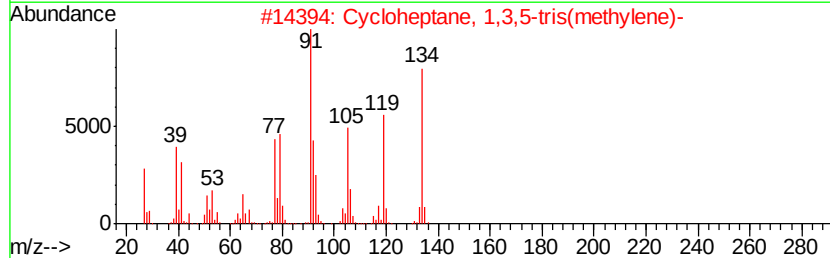
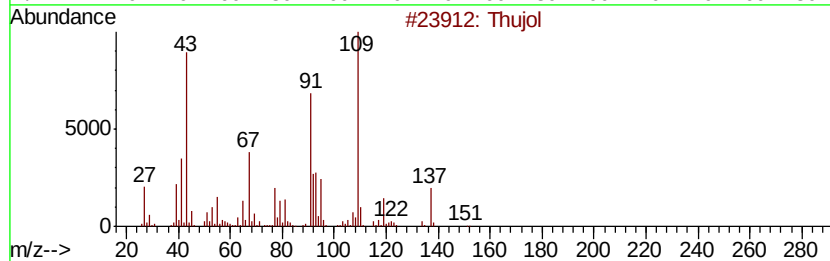
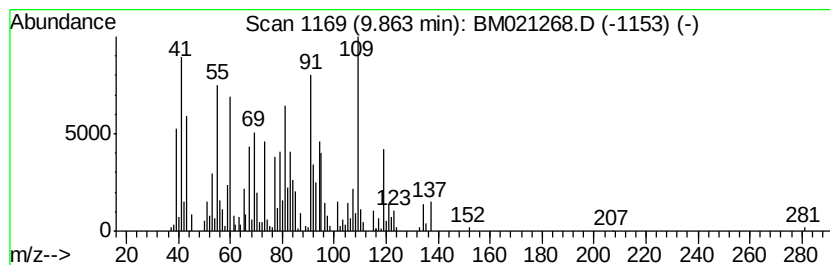
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	7.09 ng/ul	948312	Naphthalene-d8	10.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Thujol		152 C10H16O	1000152-08-2 38
2	Cycloheptane, 1,3,5-tris(methyle...		134 C10H14	068284-24-2 38
3	Bicyclo[4.2.0]oct-1-ene, 7-exo-e...		134 C10H14	1000142-18-2 38
4	Cycloheptane, 1,3,5-tris(methyle...		134 C10H14	068284-24-2 30
5	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...		134 C10H14	1000185-58-7 30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

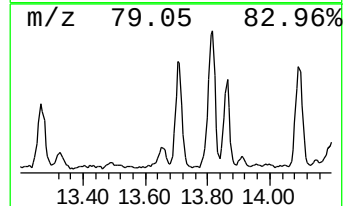
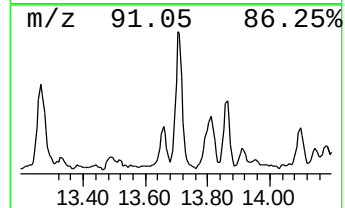
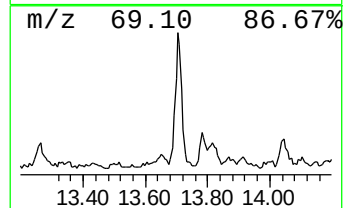
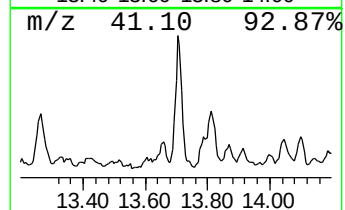
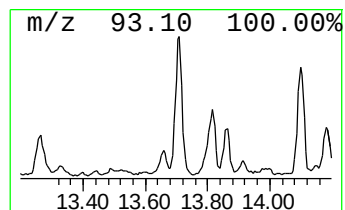
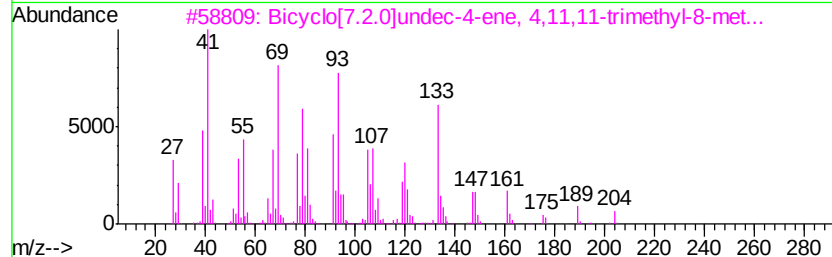
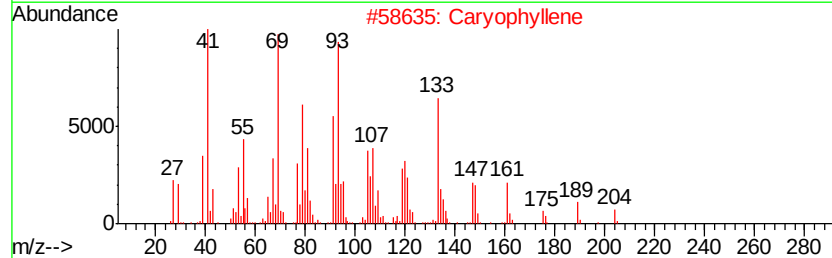
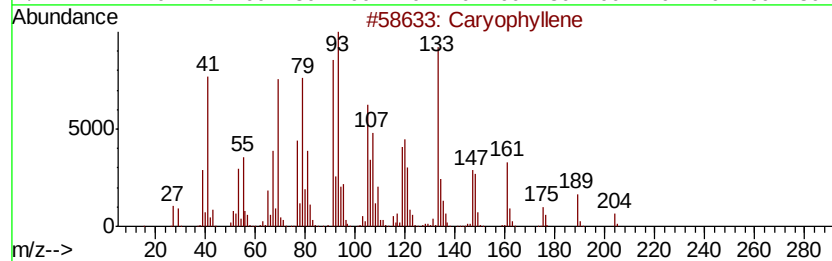
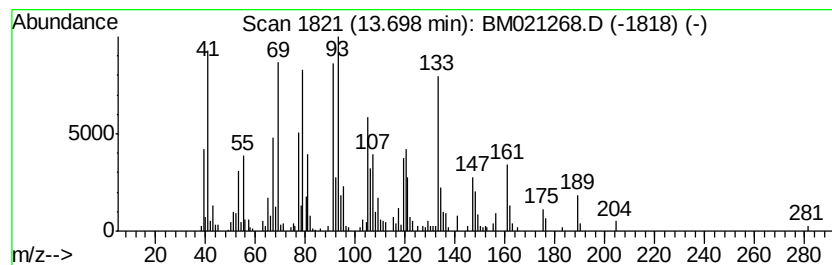
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Caryophyllene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	3.21 ng/ul	610231	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene	204 C15H24	000087-44-5 99
2		Caryophyllene	204 C15H24	000087-44-5 98
3		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 96
4		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 94
5		Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

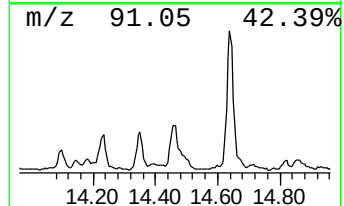
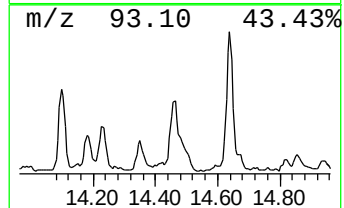
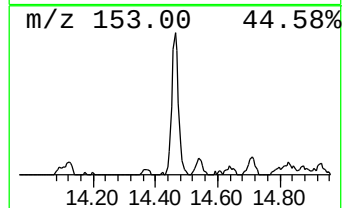
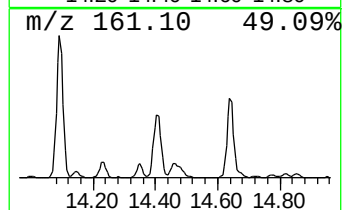
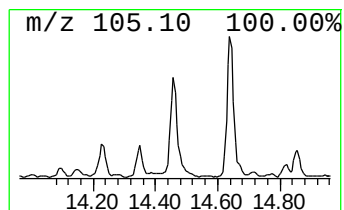
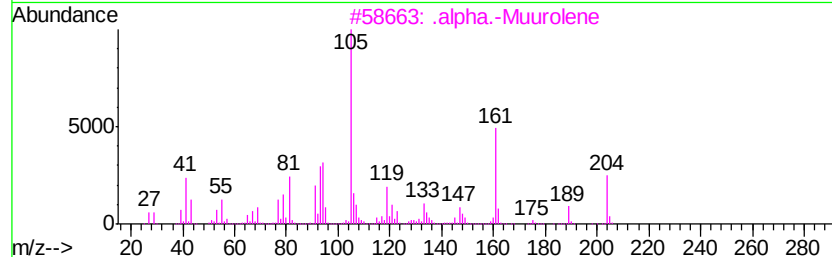
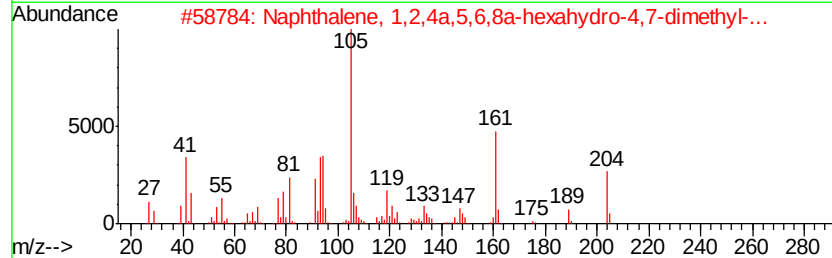
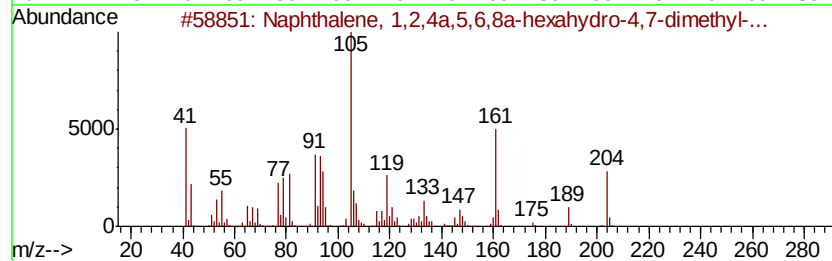
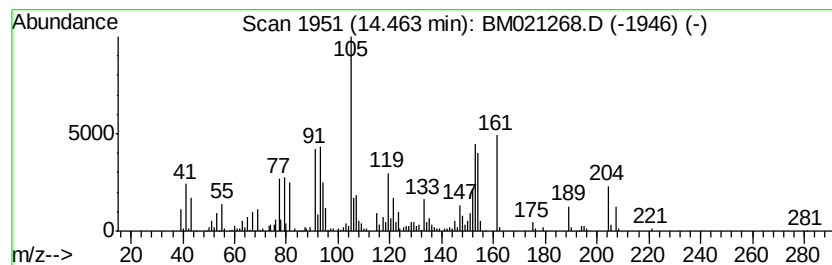
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	4.47 ng/ul	848516	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204 C15H24	031983-22-9	87
2	Naphthalene, 1,2,4a,5,6,8a-hexah...	204 C15H24	000483-75-0	66
3	.alpha.-Muurolene	204 C15H24	010208-80-7	66
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204 C15H24	031983-22-9	66
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204 C15H24	031983-22-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

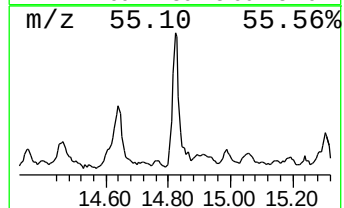
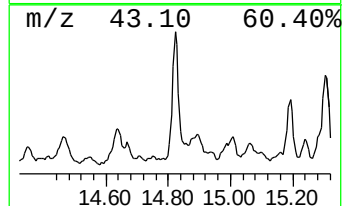
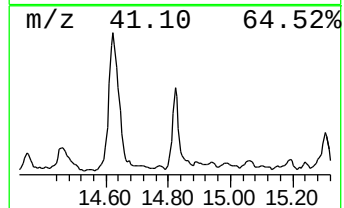
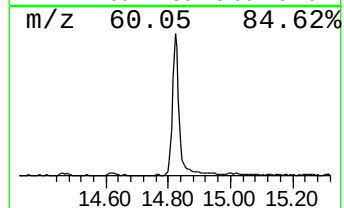
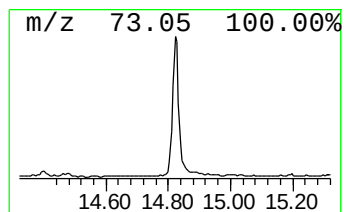
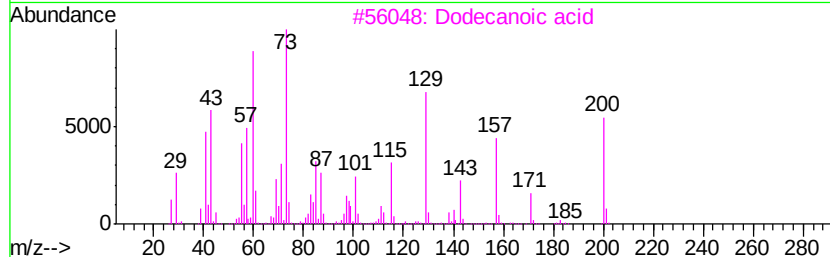
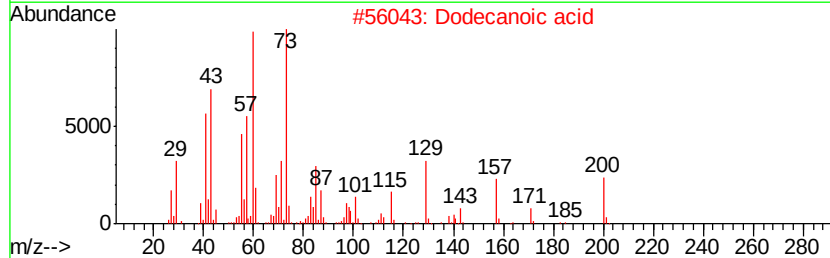
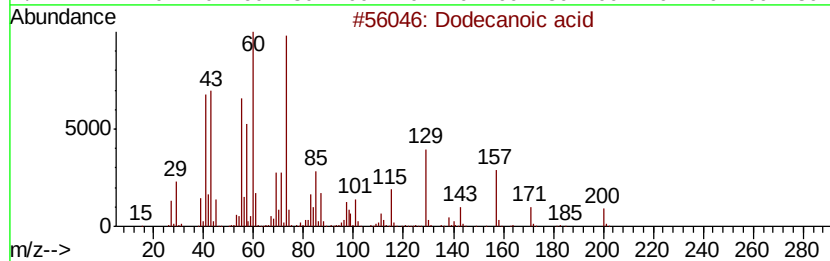
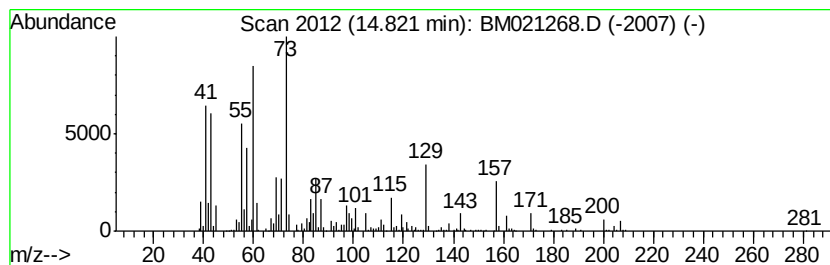
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Dodecanoic acid Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.80 ng/ul	721585	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	95
4	Dodecanoic acid	200 C12H24O2	000143-07-7	93
5	Dodecanoic acid, 1-methylethyl e...	242 C15H30O2	010233-13-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

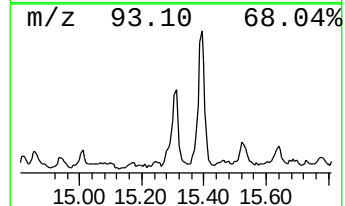
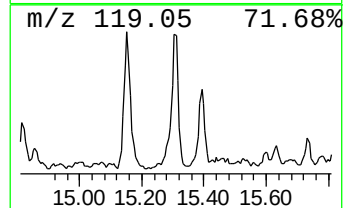
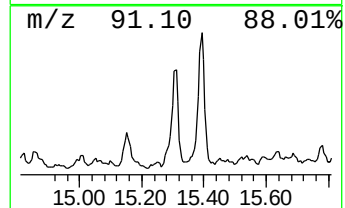
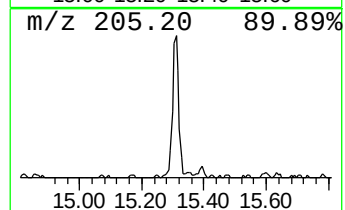
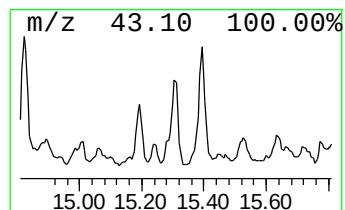
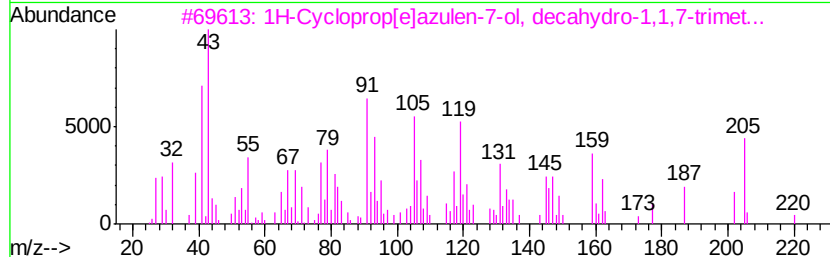
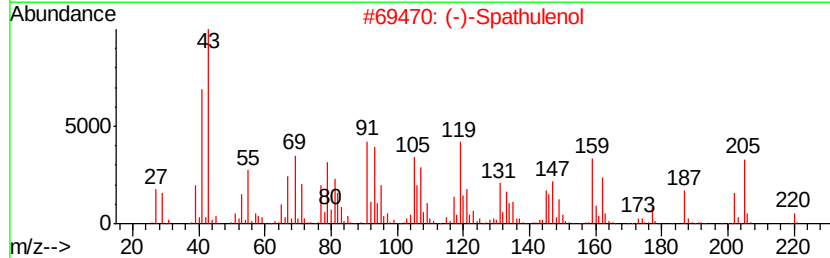
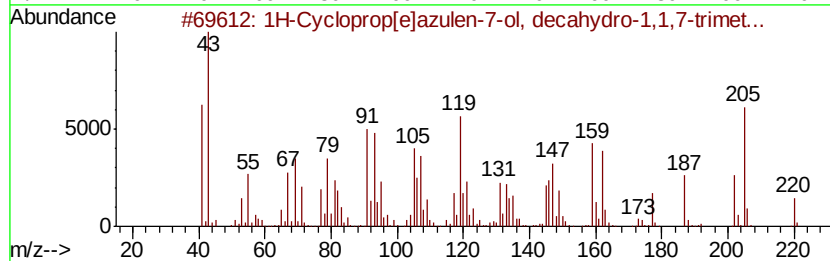
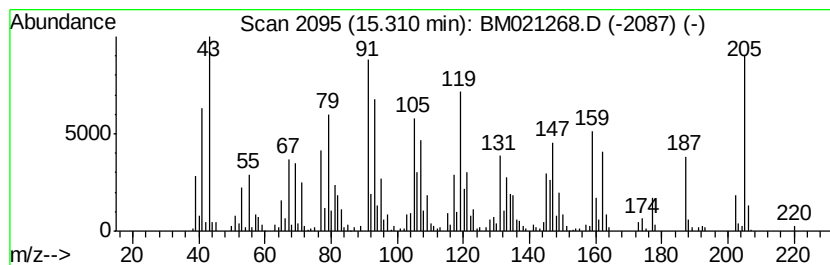
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 1H-Cycloprop[e]azulen-7-ol,... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	3.80 ng/ul	721448	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 93
2		(-)-Spathulenol	220 C15H24O	077171-55-2 90
3		1H-Cycloprop[elazulen-7-ol, deca...	220 C15H24O	006750-60-3 58
4		1H-1,5-Benzodiazepine, 2,3,4,5-t...	162 C10H14N2	040358-34-7 20
5		N-(1-Methyl-3-oxobutylidene)-4-m...	205 C12H15NO2	020010-38-2 18



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

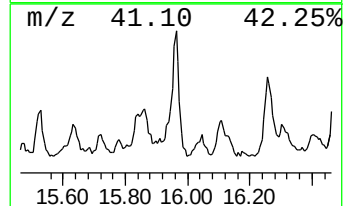
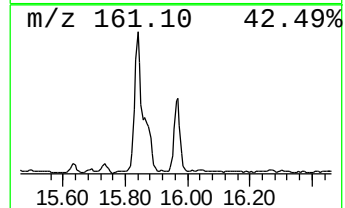
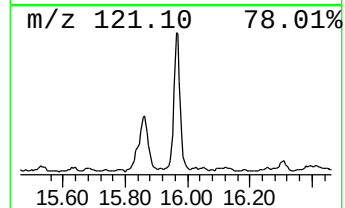
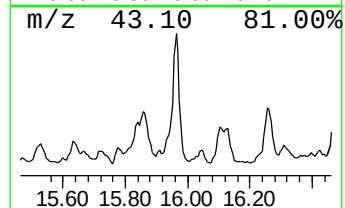
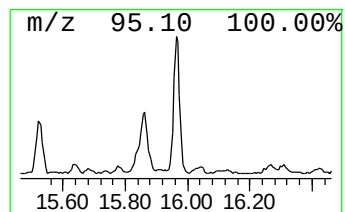
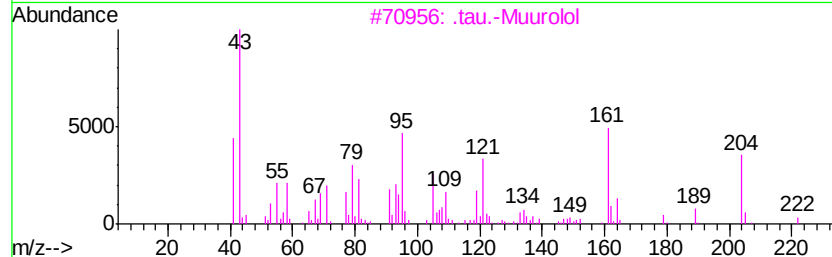
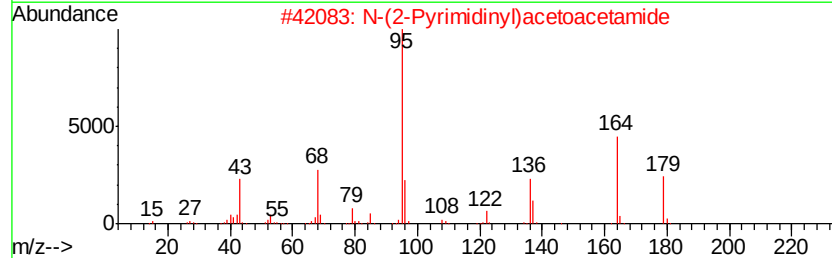
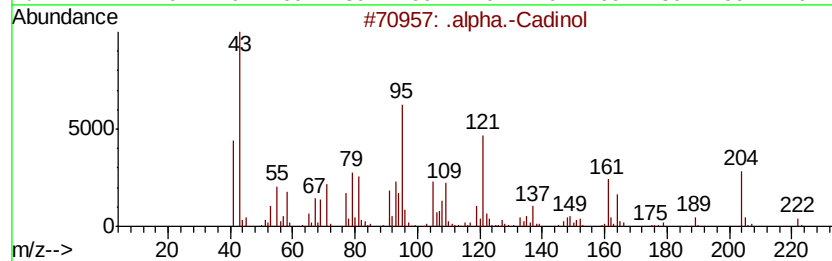
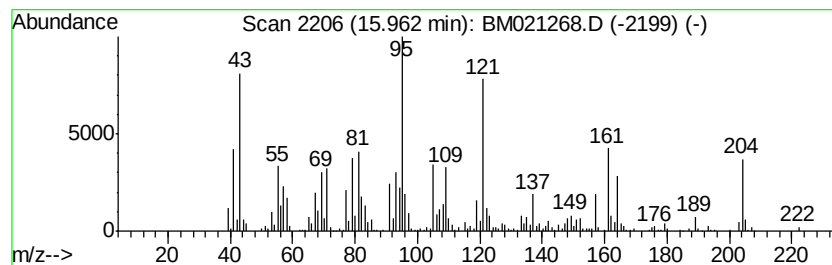
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 .alpha.-Cadinol Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.96	5.51 ng/ul	1175410	Phenanthrene-d10	17.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Cadinol	222	C15H26O	000481-34-5	90
2	N-(2-Pyrimidinyl)acetoacetamide	179	C8H9N3O2	000709-91-1	27
3	.tau.-Muuroiolol	222	C15H26O	019912-62-0	20
4	2-Methoxyphenylacetone	164	C10H12O2	005211-62-1	18
5	2,4,6-Cycloheptatrien-1-one, 2-h...	164	C10H12O2	000499-44-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
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Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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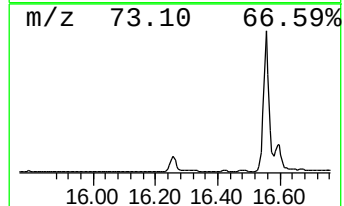
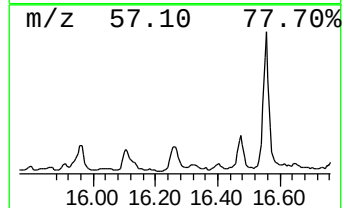
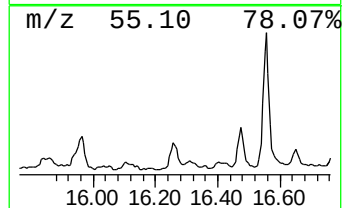
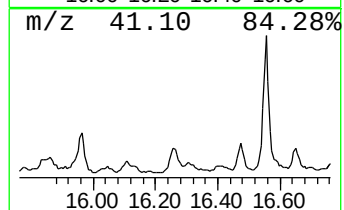
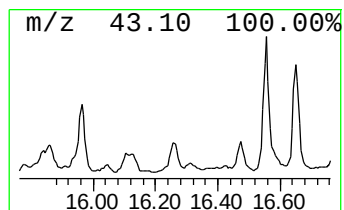
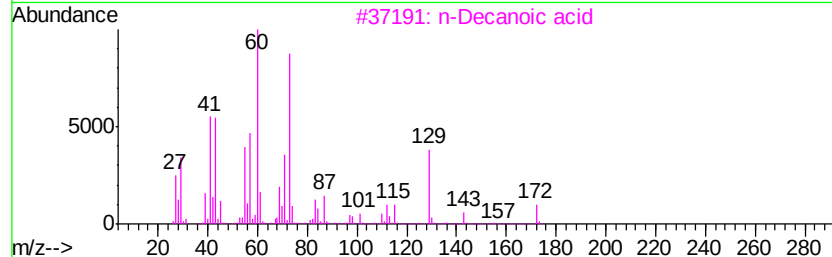
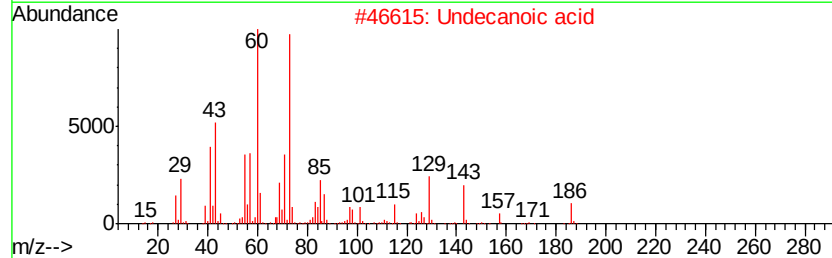
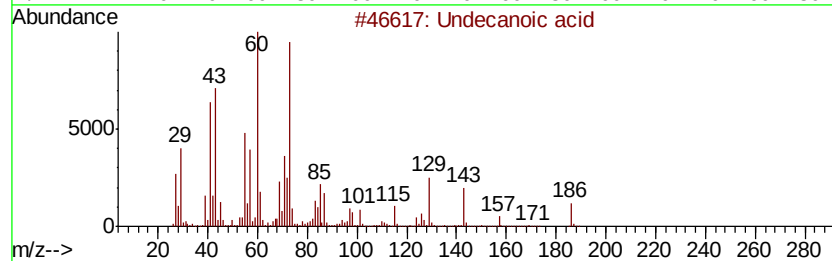
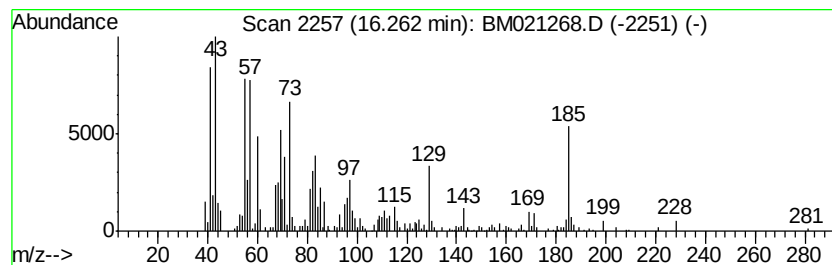
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Undecanoic acid Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	2.01 ng/ul	429614	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	70
2		Undecanoic acid	186	C11H22O2	000112-37-8	70
3		n-Decanoic acid	172	C10H20O2	000334-48-5	60
4		n-Decanoic acid	172	C10H20O2	000334-48-5	60
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
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Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

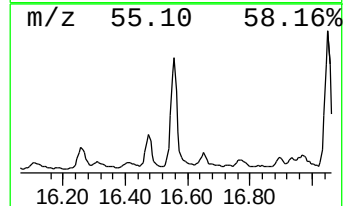
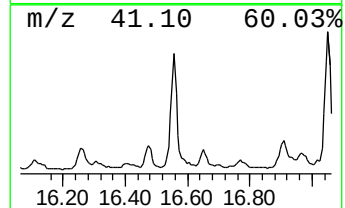
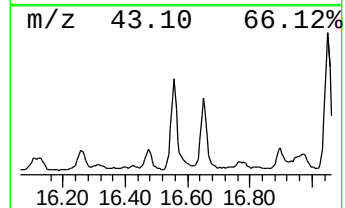
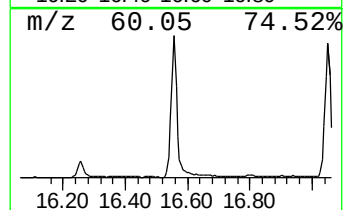
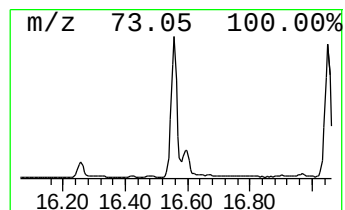
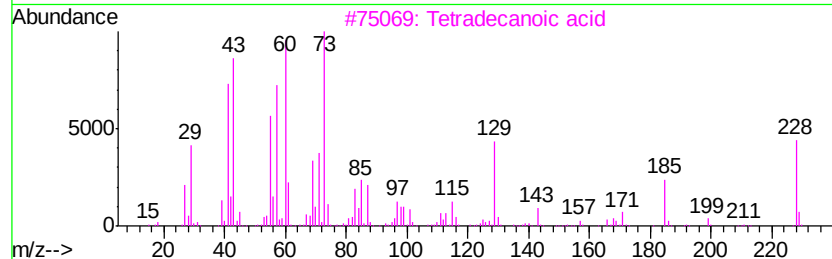
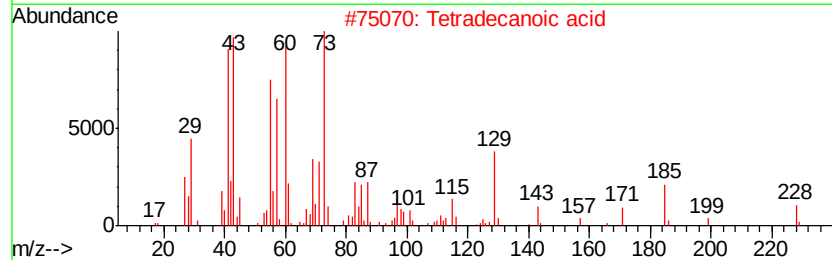
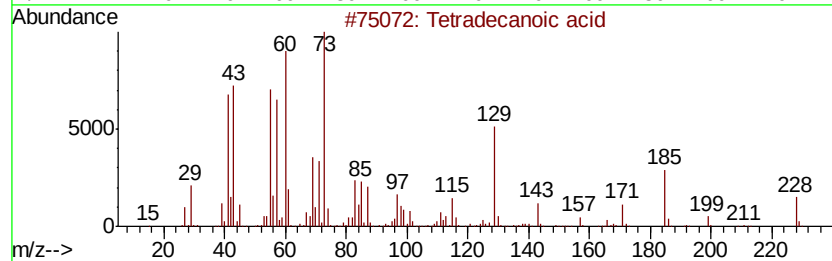
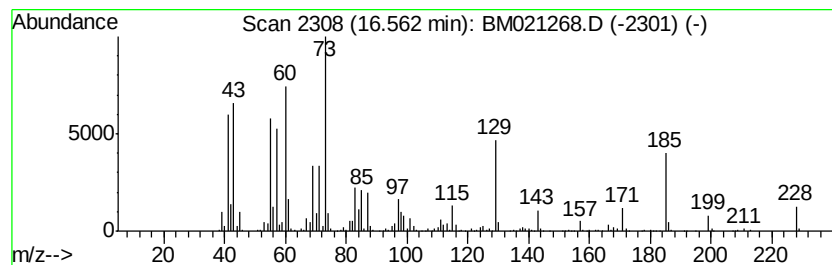
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Tetradecanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	7.91 ng/ul	1687370	Phenanthrene-d10	17.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecanoic acid	228 C14H28O2	000544-63-8 98
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 98
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 94
4		Tetradecanoic acid	228 C14H28O2	000544-63-8 64
5		n-Decanoic acid	172 C10H20O2	000334-48-5 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
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Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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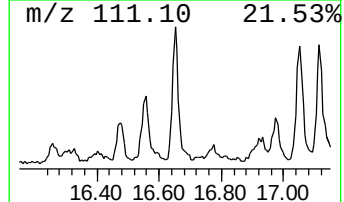
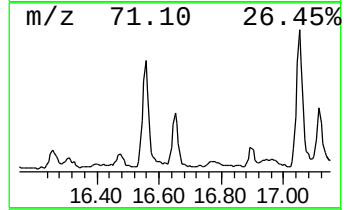
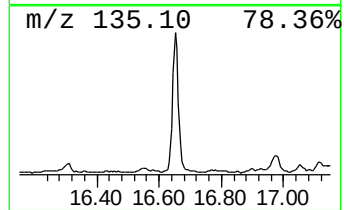
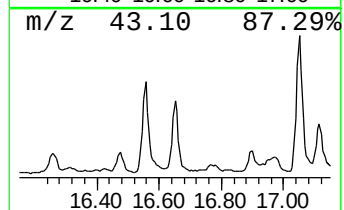
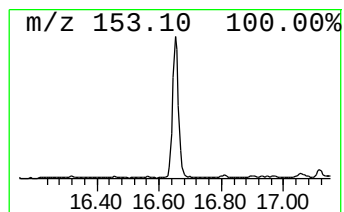
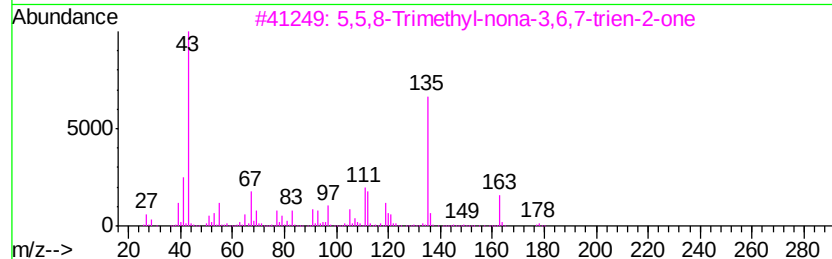
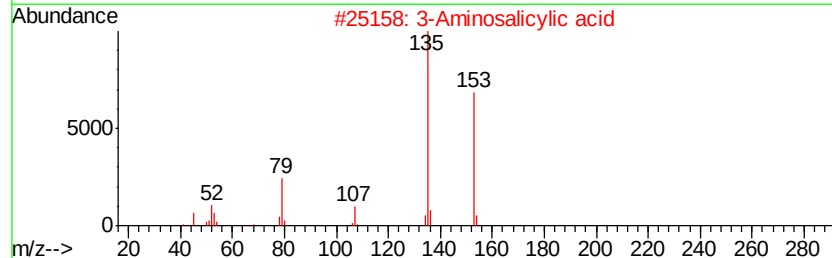
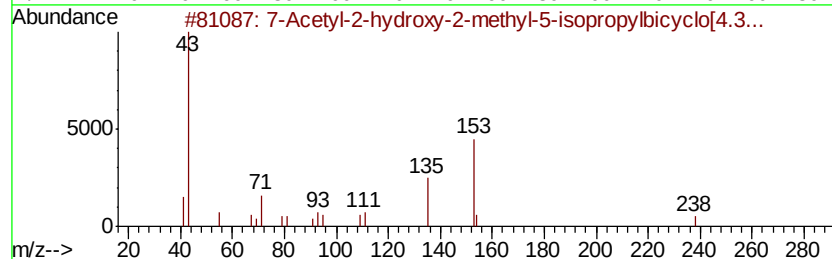
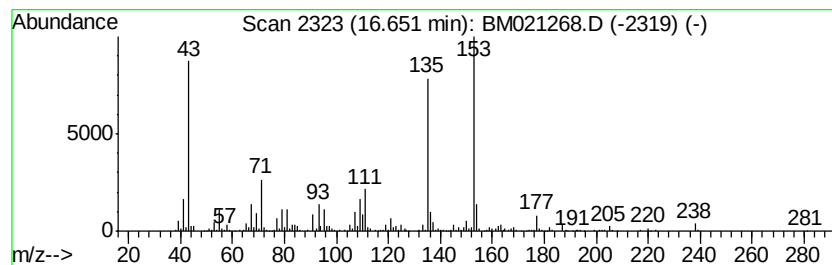
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 7-Acetyl-2-hydroxy-2-methyl... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	3.33 ng/ul	709737	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Acetyl-2-hydroxy-2-methyl-5-is...	238	C15H26O2	096093-81-1	59
2		3-Aminosalicylic acid	153	C7H7NO3	000570-23-0	53
3		5,5,8-Trimethyl-nona-3,6,7-trien...	178	C12H18O	1000185-69-2	38
4		Benzenamine, 2,4-dimethoxy-	153	C8H11NO2	002735-04-8	30
5		5-Cyano-1,2,3,4-tetrahydro-4,6-d...	150	C8H10N2O	027036-93-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

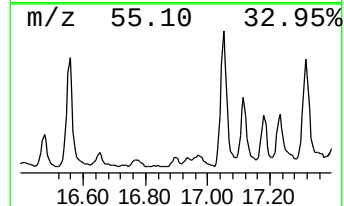
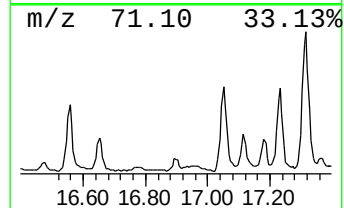
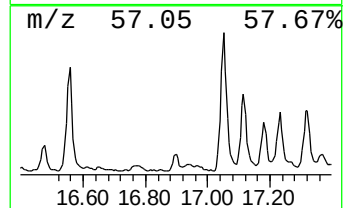
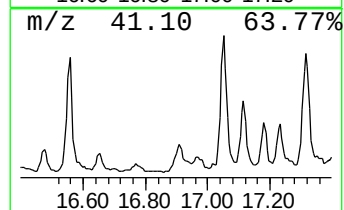
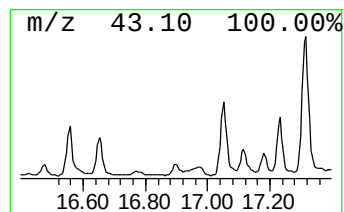
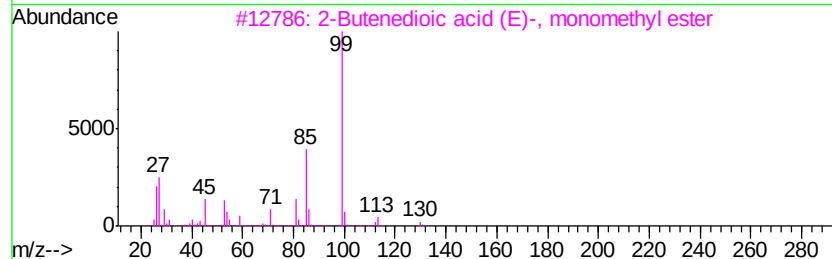
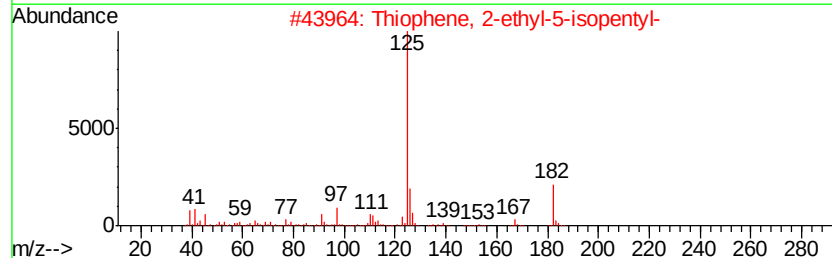
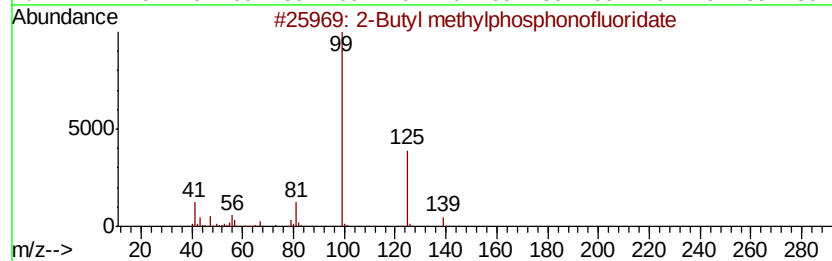
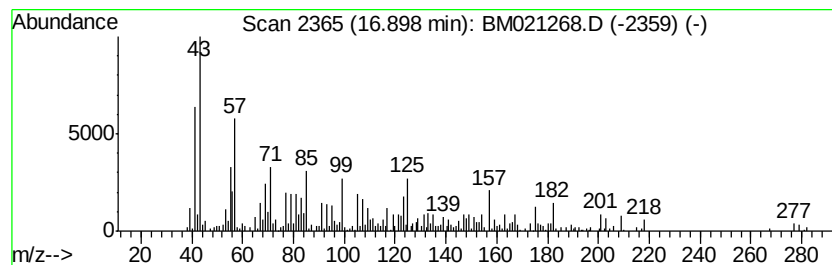
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.90	2.99 ng/ul	638943	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl	methylphosphonofluoridate	154	C5H12F02P	000352-52-3	38
2	Thiophene, 2-ethyl-5-isopentyl-		182	C11H18S	026963-39-3	18
3	2-Butenedioic acid (E)-, monomet...		130	C5H6O4	002756-87-8	18
4	Cholestan-3,22,26-triol		420	C27H48O3	1000252-39-8	14
5	2-Pentanone, 4-(1,3,3-trimethyl-...		224	C14H24O2	097306-61-1	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C6BA0

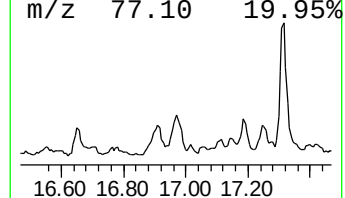
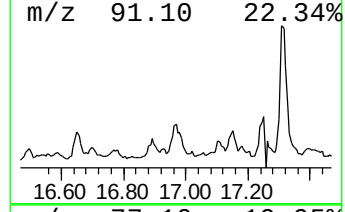
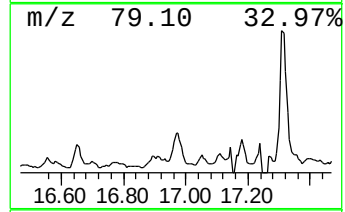
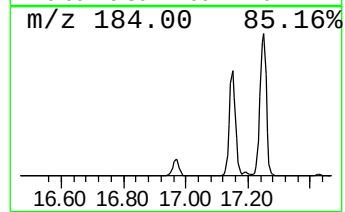
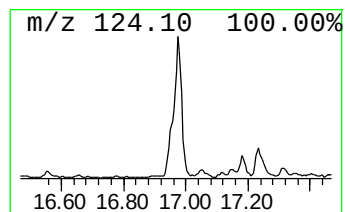
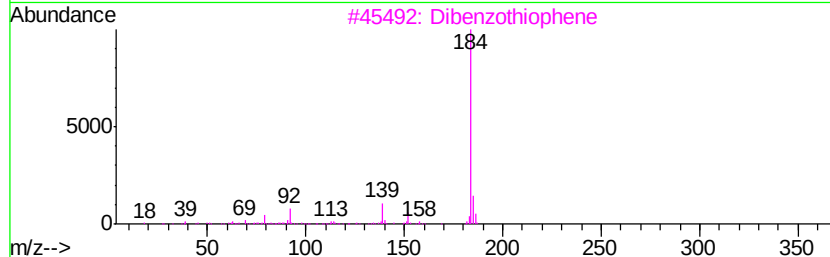
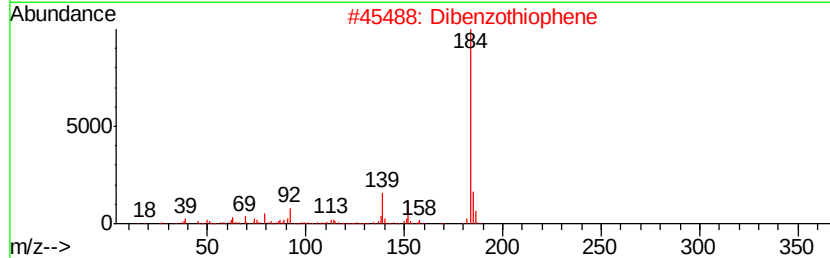
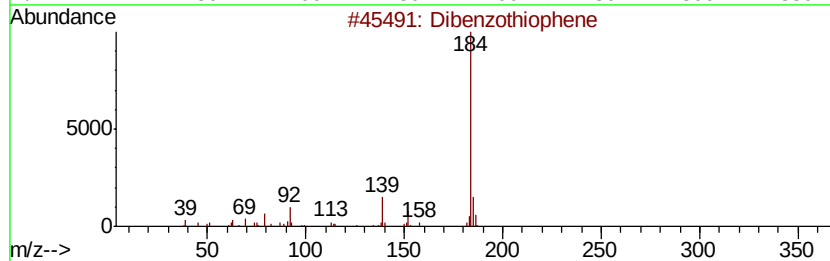
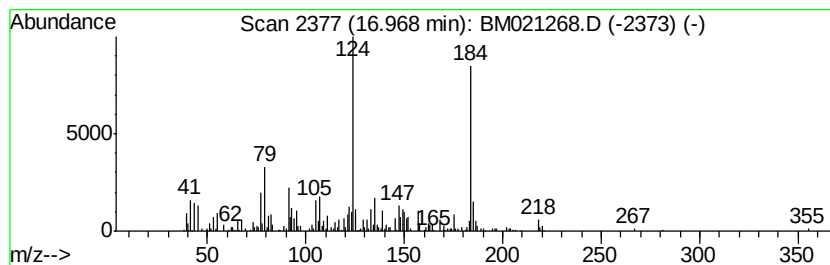
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Dibenzothiophene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.10 ng/ul	662429	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	83
2			Dibenzothiophene	184	C12H8S	000132-65-0	46
3			Dibenzothiophene	184	C12H8S	000132-65-0	46
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	46
5			Dibenzothiophene	184	C12H8S	000132-65-0	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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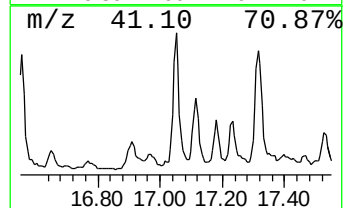
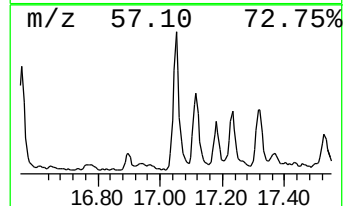
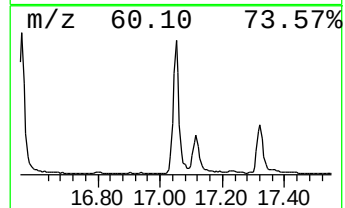
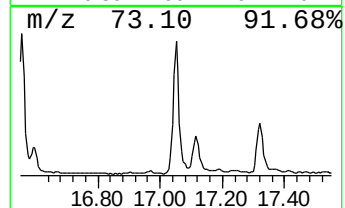
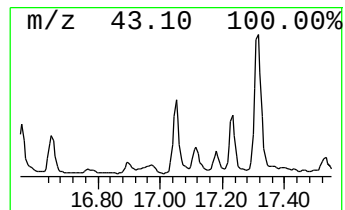
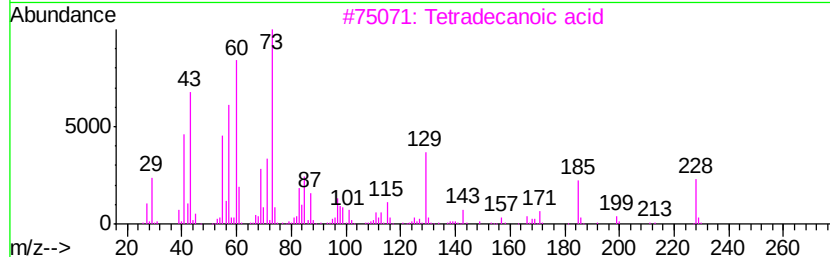
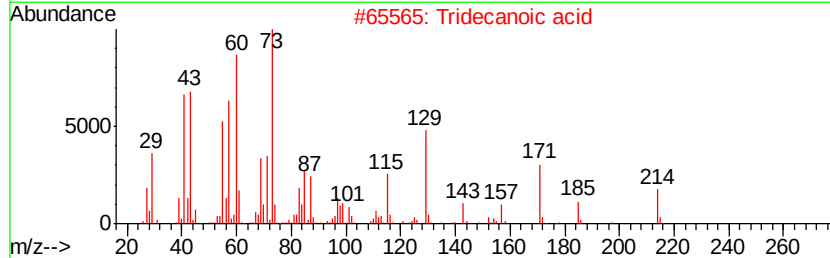
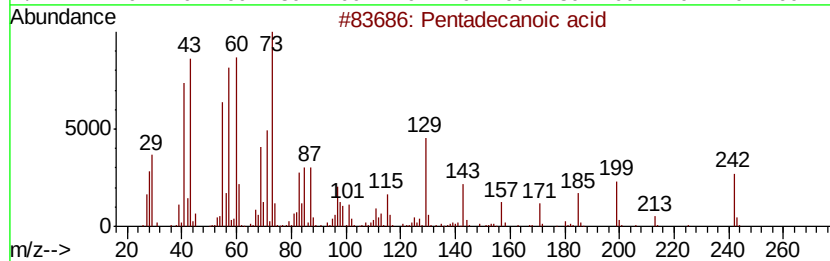
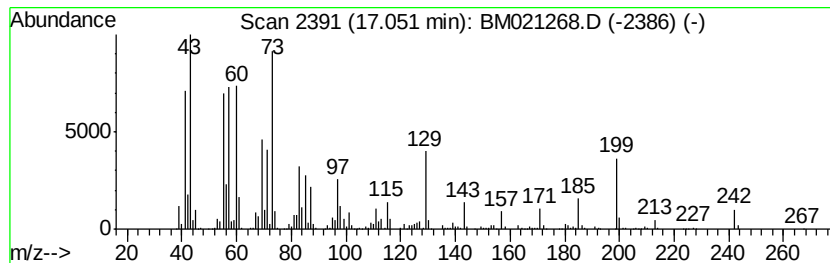
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Pentadecanoic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	9.74 ng/ul	2079130	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2			Tridecanoic acid	214	C13H26O2	000638-53-9	81
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Undecanoic acid	186	C11H22O2	000112-37-8	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
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Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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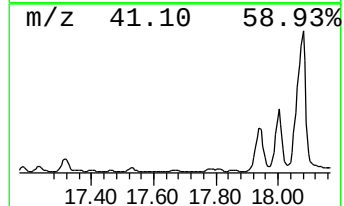
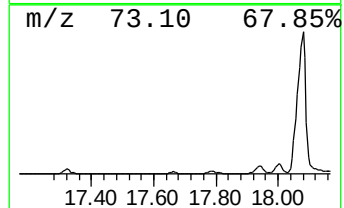
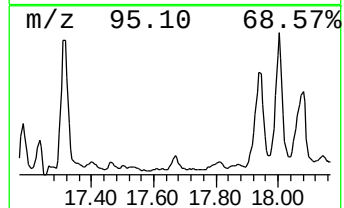
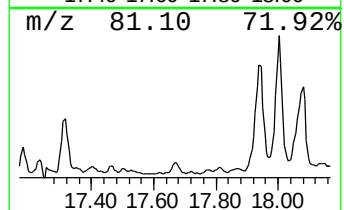
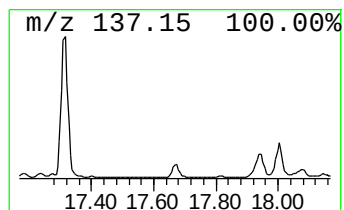
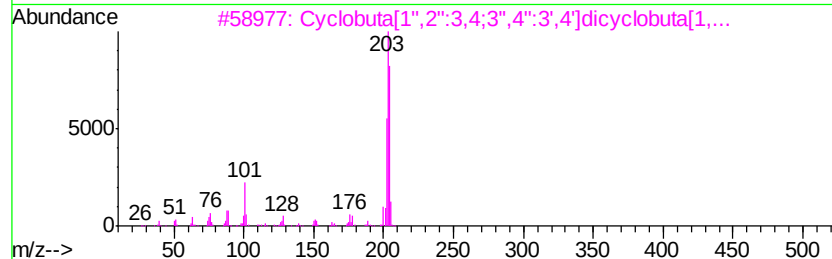
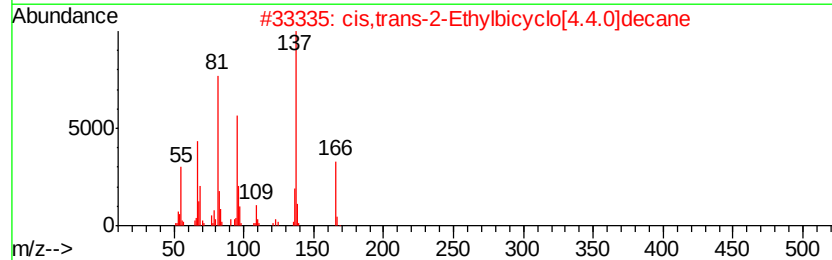
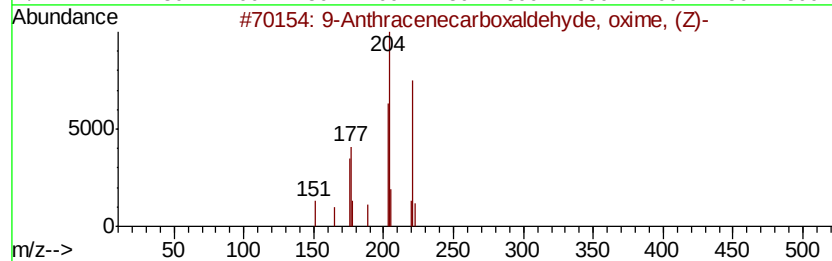
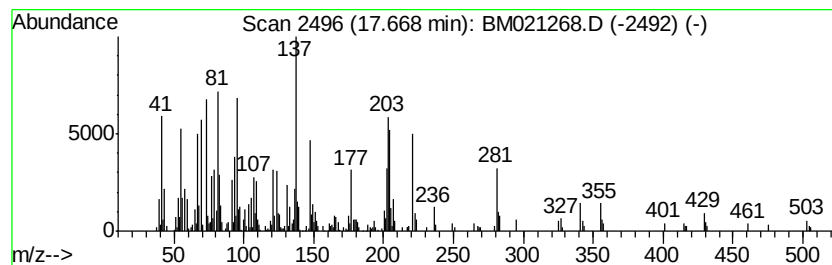
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-03 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.28 ng/ul	485693	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Anthracenecarboxaldehyde, oxim...	221	C15H11NO	002497-53-2	49
2		cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	25
3		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	25
4		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	25
5		Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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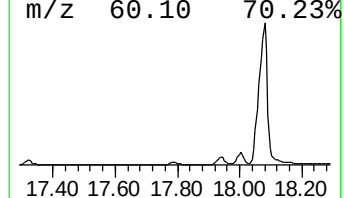
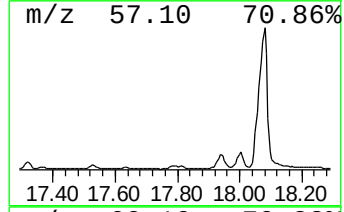
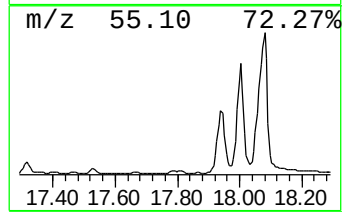
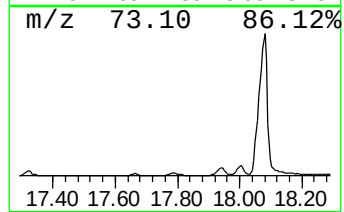
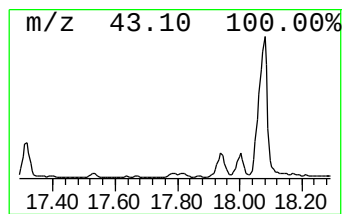
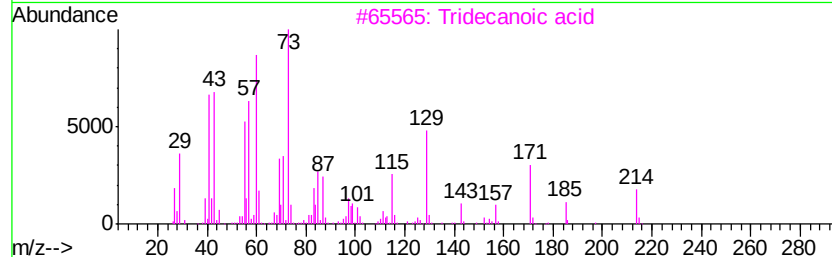
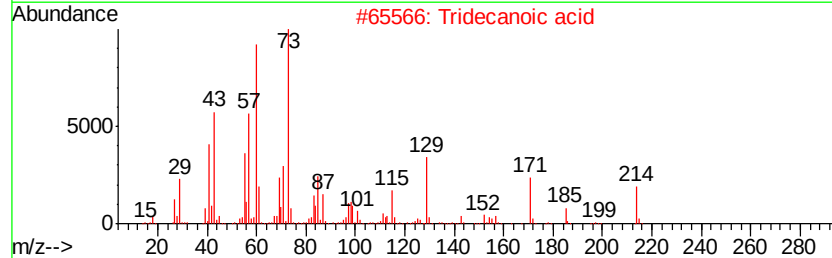
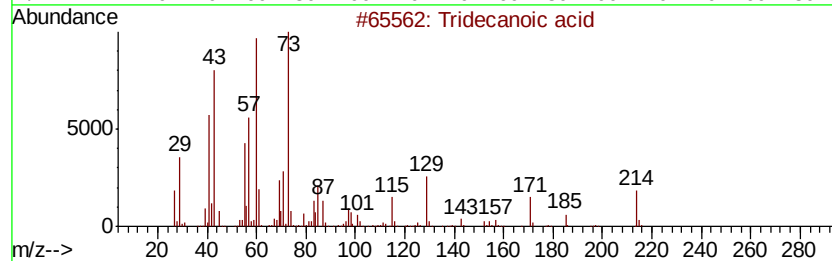
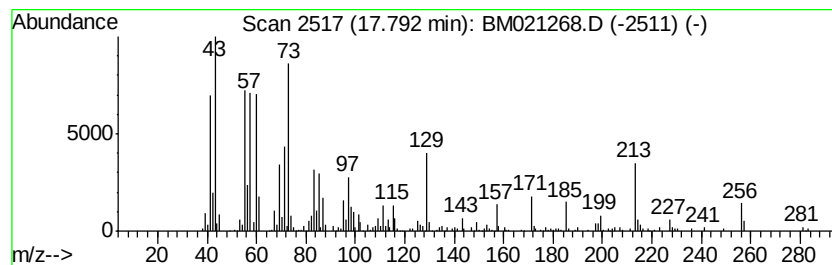
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Tridecanoic acid Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.48 ng/ul	528908	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 29 Jun 2019 18:52
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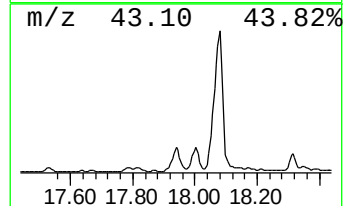
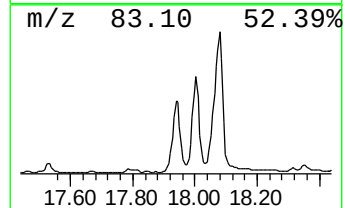
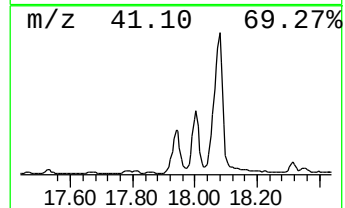
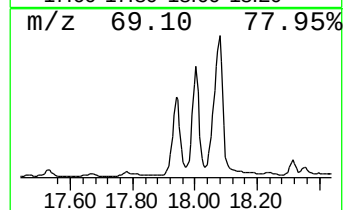
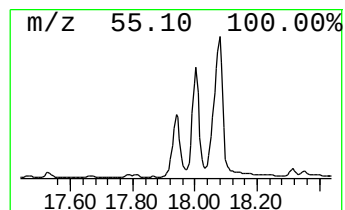
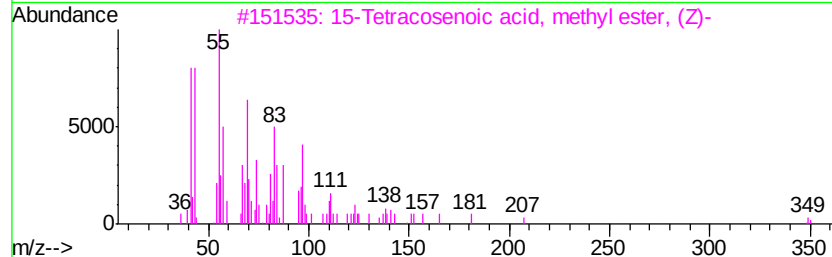
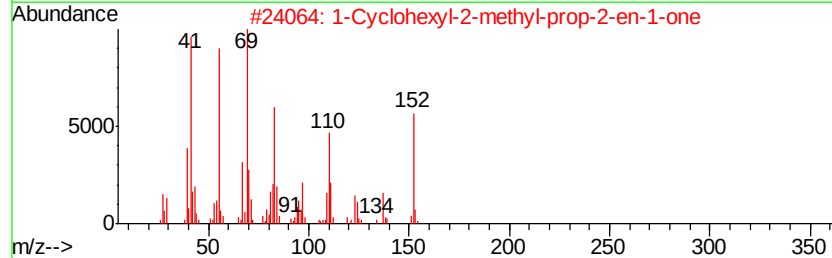
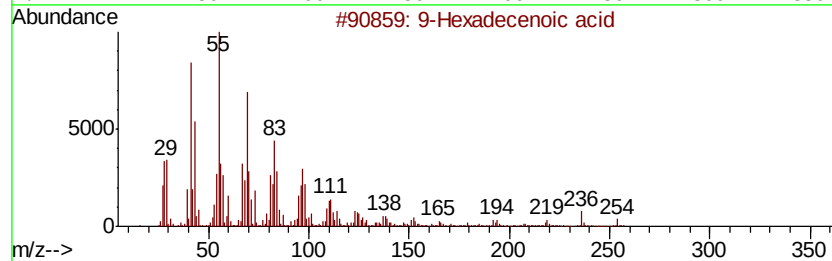
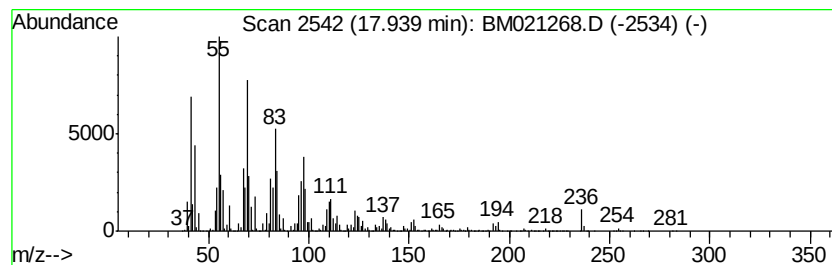
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9-Hexadecenoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	38.00 ng/ul	8111040	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	49
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	46
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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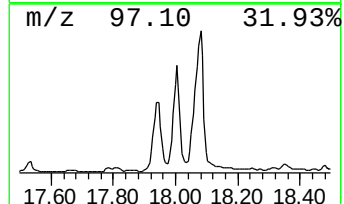
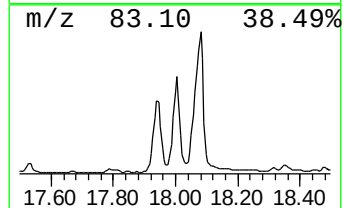
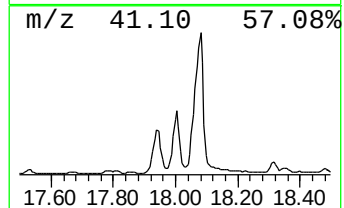
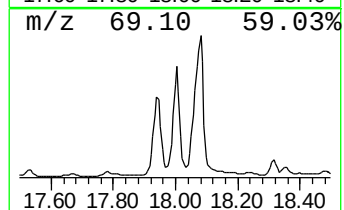
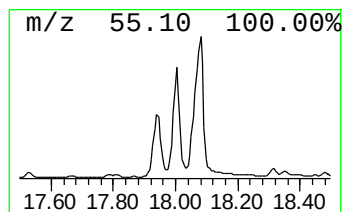
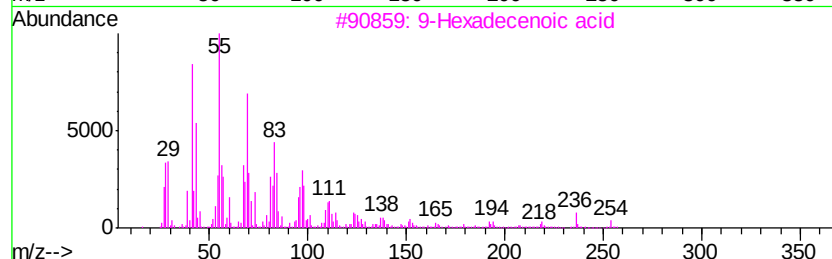
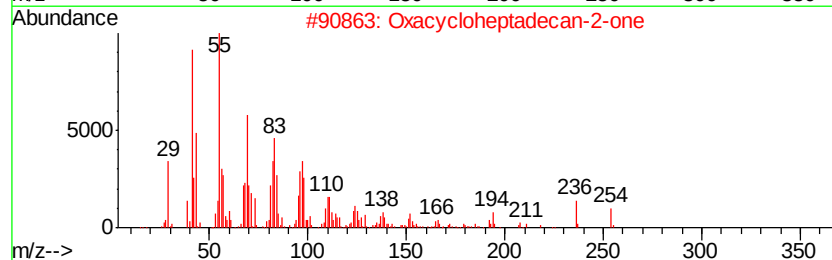
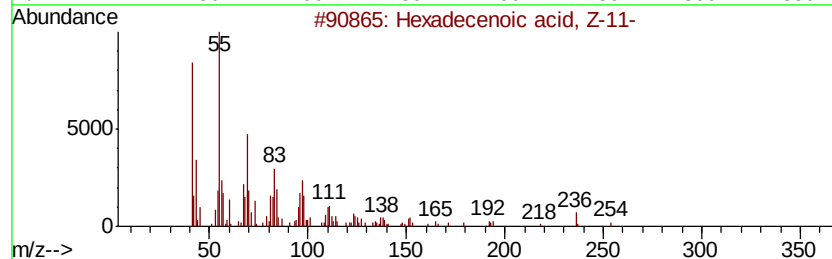
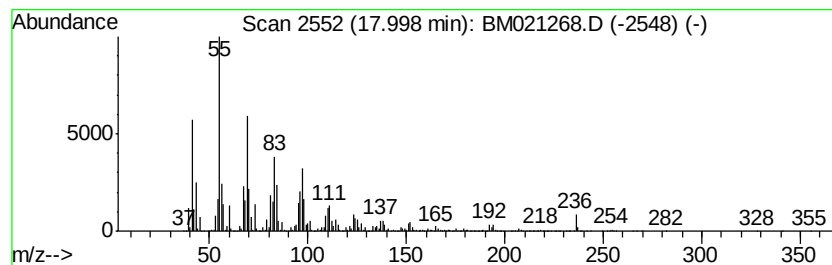
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Hexadecenoic acid, Z-11- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	44.01 ng/ul	9392770	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	72
5		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
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Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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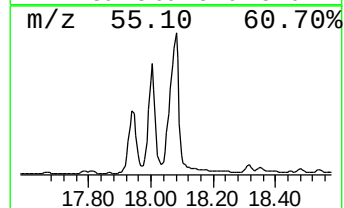
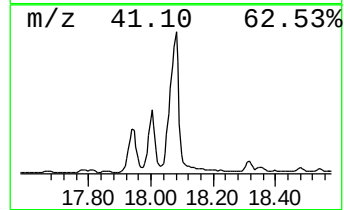
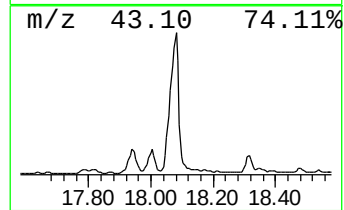
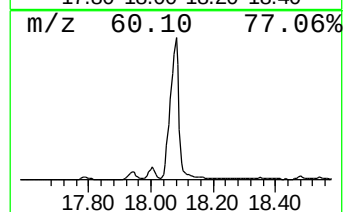
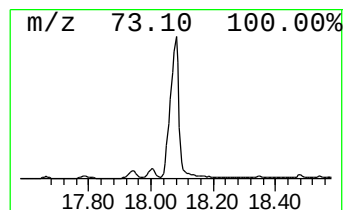
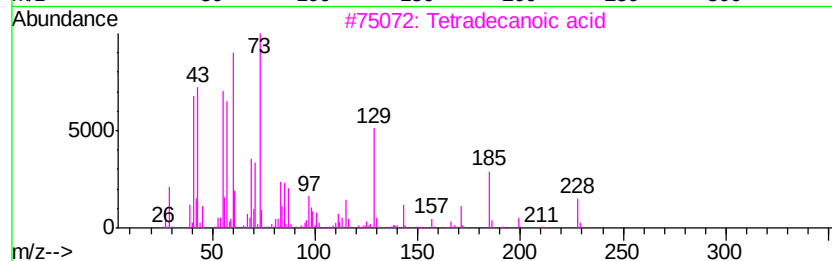
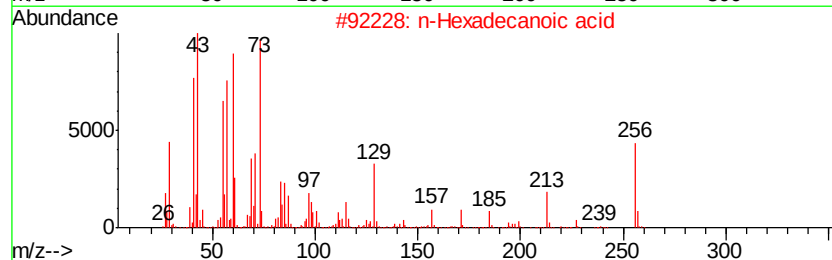
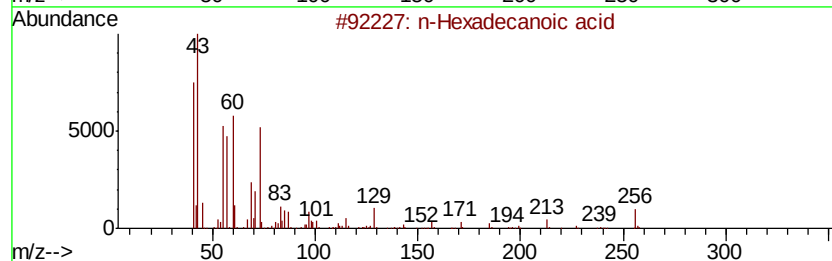
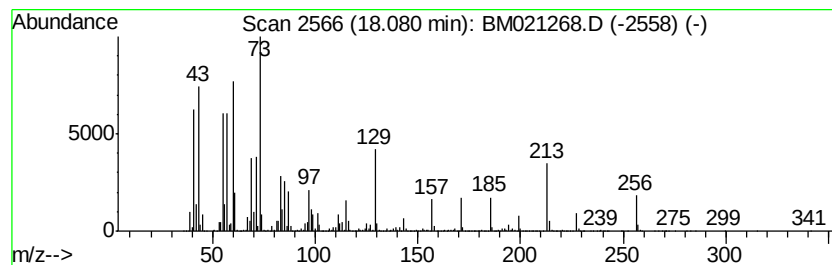
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	146.71 ng/ul	31313400	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	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Undecanoic acid	186	C11H22O2	000112-37-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

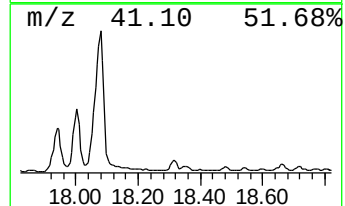
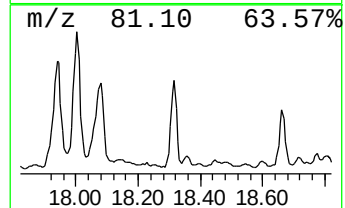
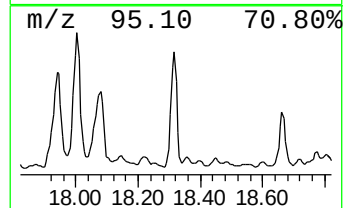
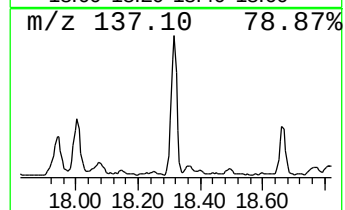
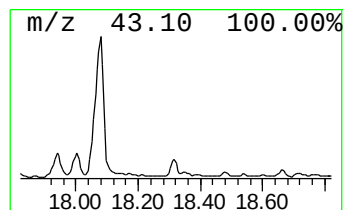
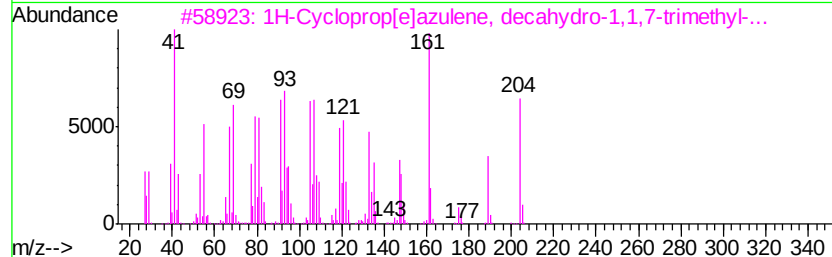
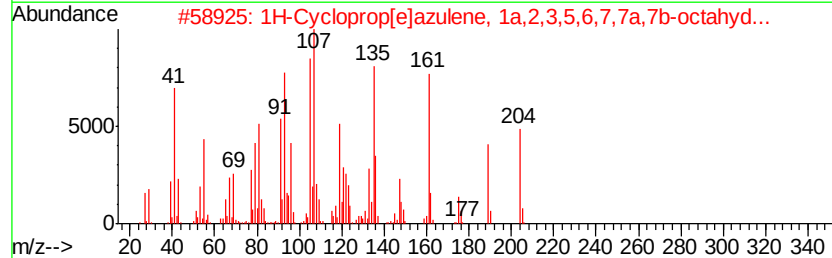
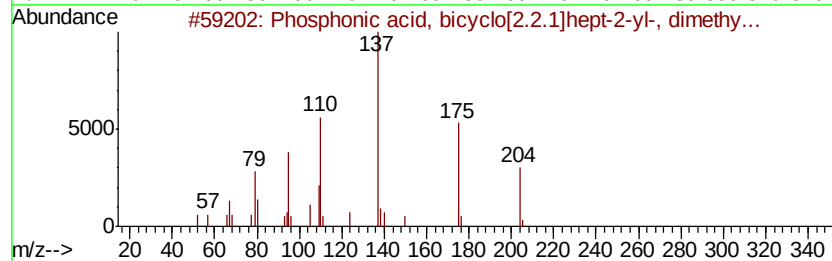
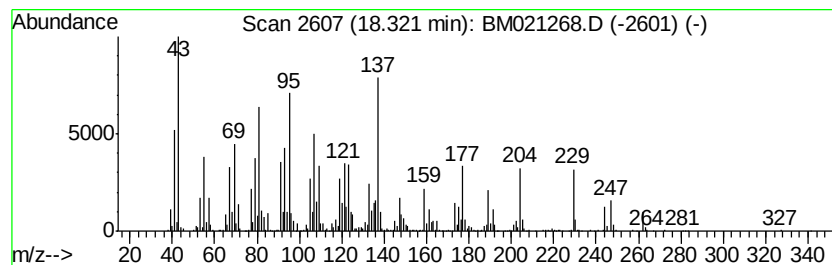
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	12.88 ng/ul	2748100	Phenanthrene-d10	17.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Phosphonic acid, bicvclo[2.2.1]h...	204 C9H17O3P	031061-88-8 45
2		1H-Cycloprop[elazulene, 1a,2,3,5...	204 C15H24	021747-46-6 44
3		1H-Cycloprop[elazulene, decahydr...	204 C15H24	000489-39-4 43
4		1H-Cycloprop[elazulene, 1a,2,3,5...	204 C15H24	021747-46-6 42
5		1H-Cycloprop[e]azulene, decahydr...	204 C15H24	072747-25-2 41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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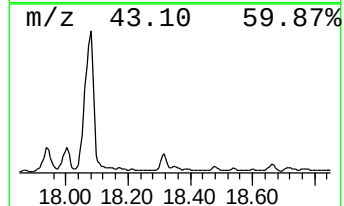
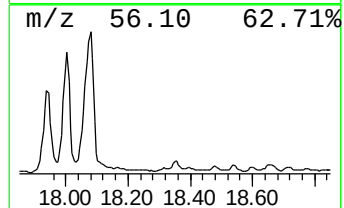
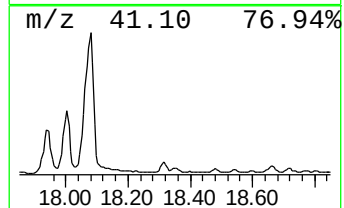
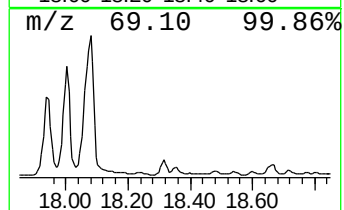
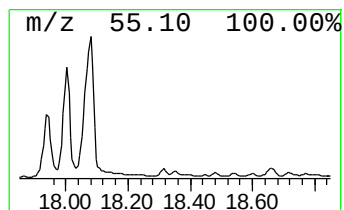
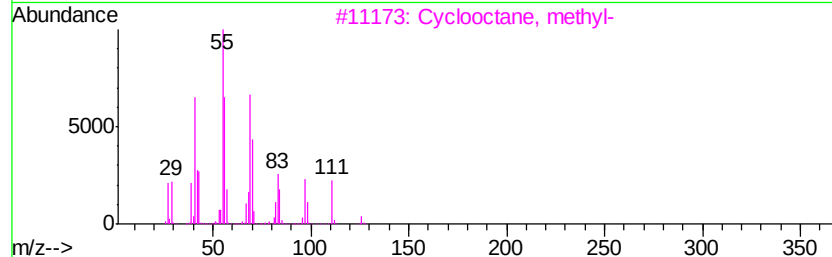
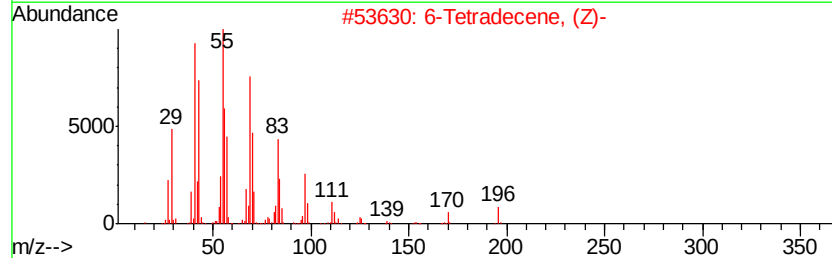
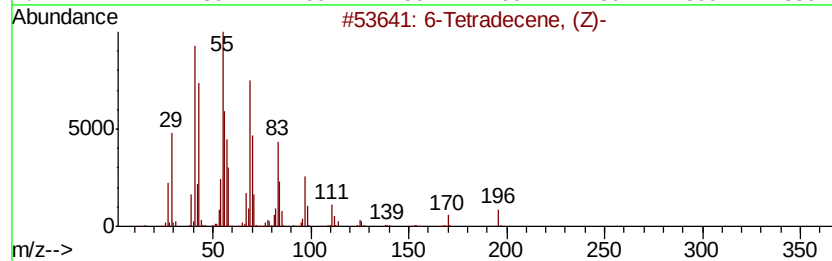
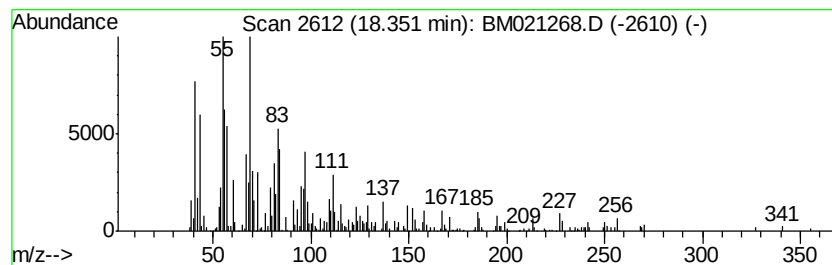
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Cyclic18.35 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.55 ng/ul	544759	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	78
2		6-Tetradecene, (Z)-	196	C14H28	041446-61-1	78
3		Cyclooctane, methyl-	126	C9H18	001502-38-1	78
4		3-Tetradecene, (E)-	196	C14H28	041446-68-8	62
5		Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
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Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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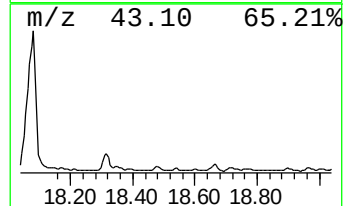
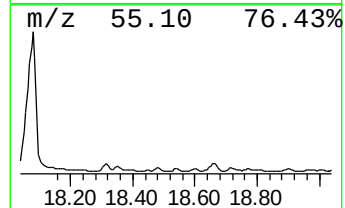
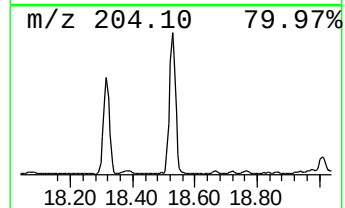
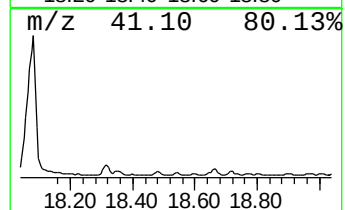
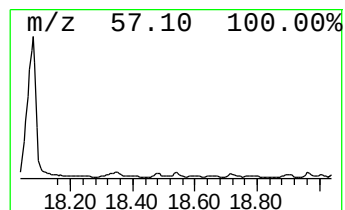
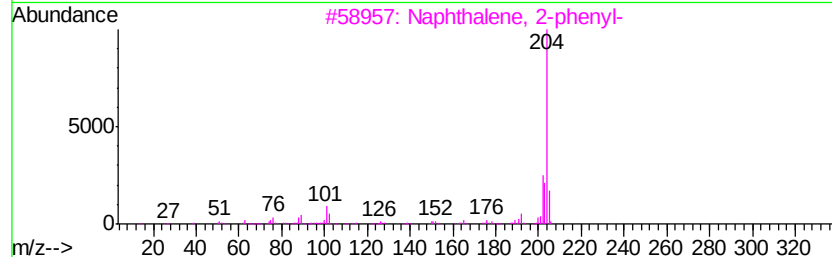
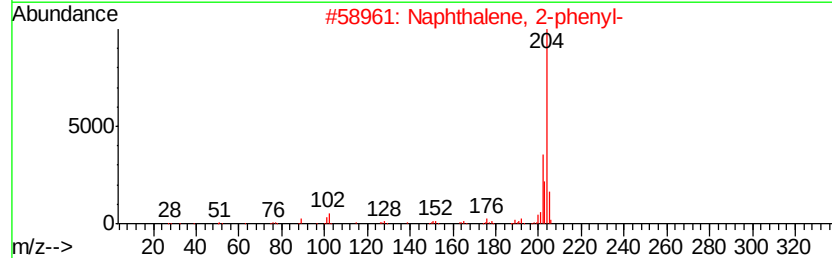
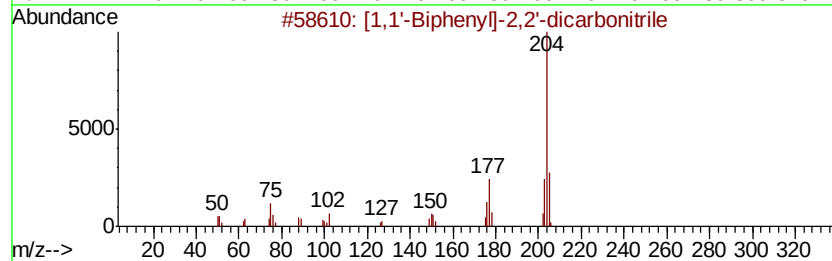
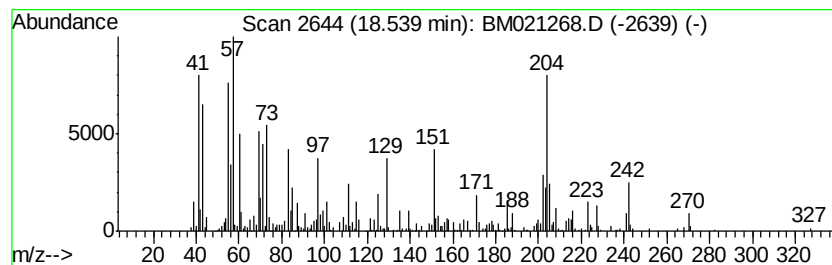
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-05 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.35 ng/ul	500876	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	27
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	27
4		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	25
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
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Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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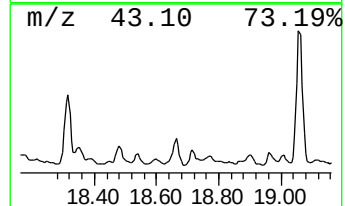
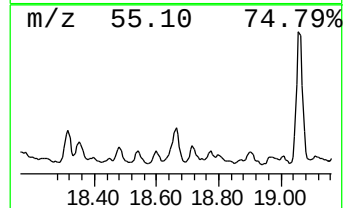
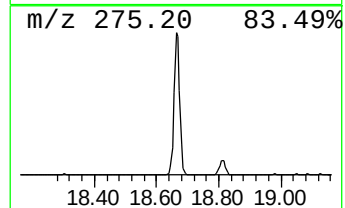
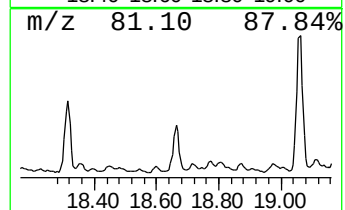
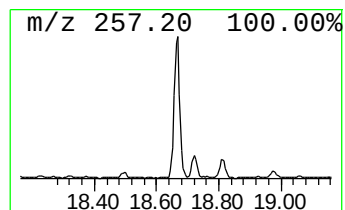
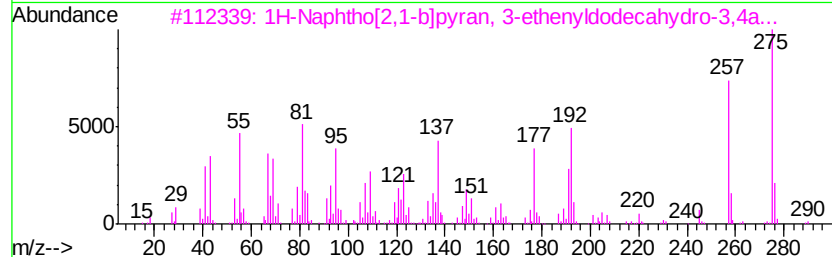
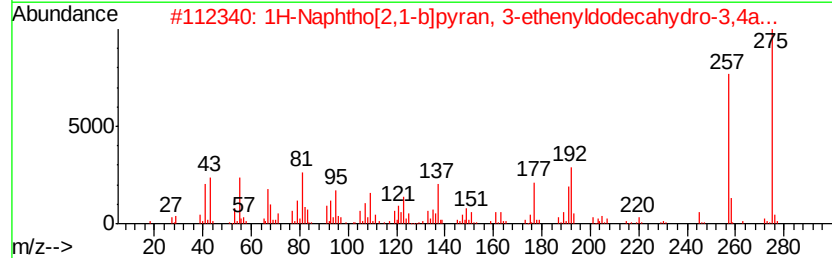
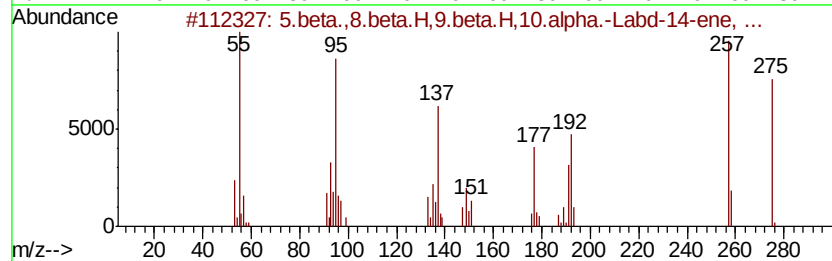
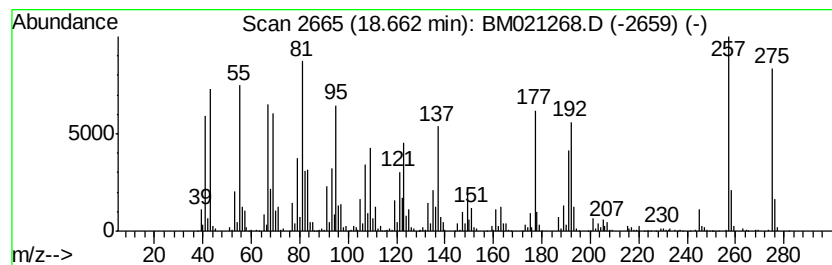
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 5.beta.,8.beta.H,9.beta.H,1... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	8.31 ng/ul	1772840	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5.beta.,8.beta.H,9.beta.H,10.alp...	290	C20H34O	019123-29-6	64
2		1H-Naphtho[2,1-b]pyran, 3-etheny...	290	C20H34O	001227-93-6	64
3		1H-Naphtho[2,1-b]pyran, 3-etheny...	290	C20H34O	000596-84-9	59
4		4H-1-Benzopyran-4-one, 2,3-dihyd...	192	C11H12O3	017771-33-4	25
5		3-Buten-1-one, 4-[2,6,6-trimethy...	192	C13H20O	085949-43-5	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

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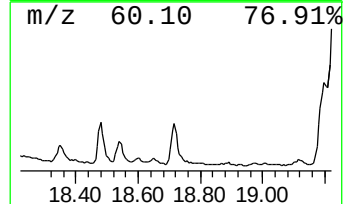
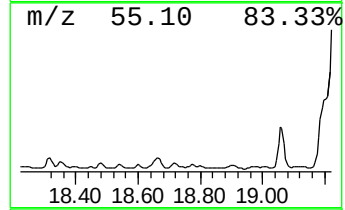
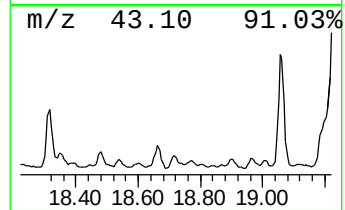
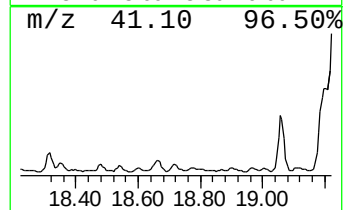
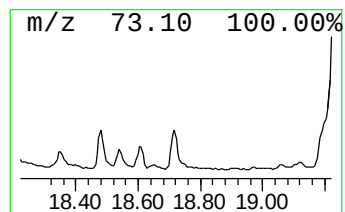
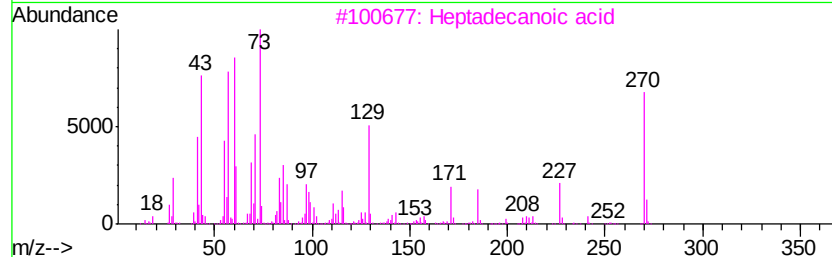
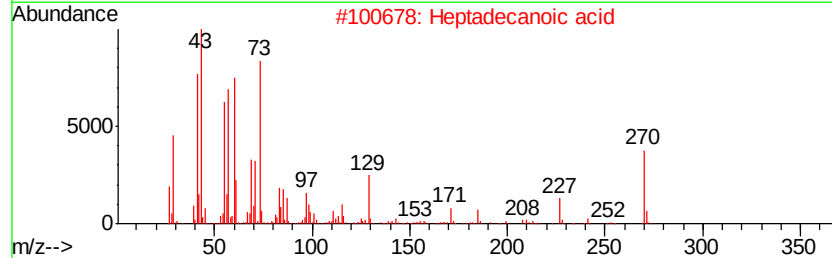
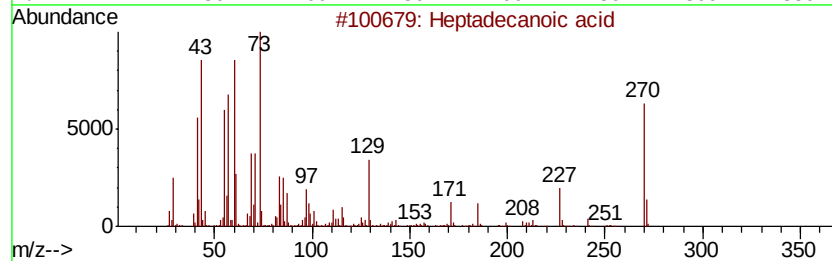
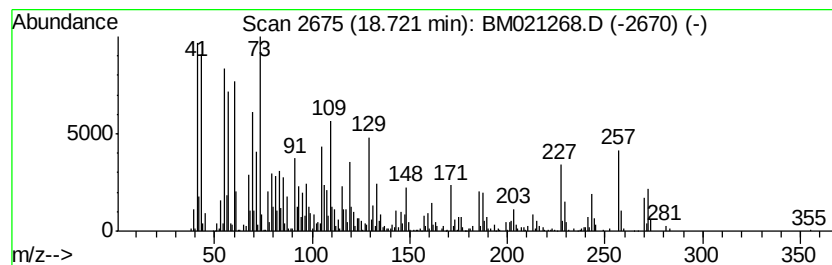
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Heptadecanoic acid Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.90 ng/ul	832939	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecanoic acid	270	C17H34O2	000506-12-7	90
2		Heptadecanoic acid	270	C17H34O2	000506-12-7	70
3		Heptadecanoic acid	270	C17H34O2	000506-12-7	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	55
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C6BA0

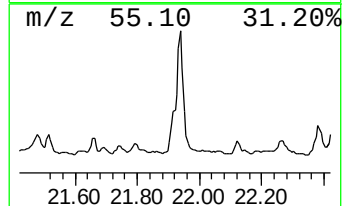
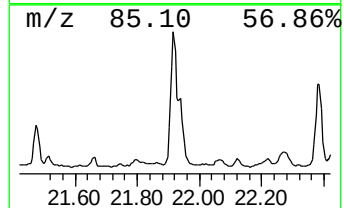
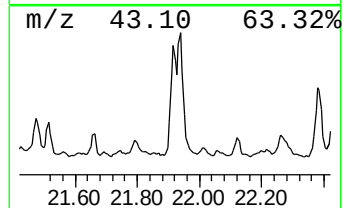
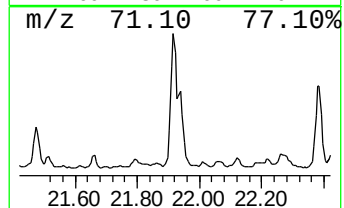
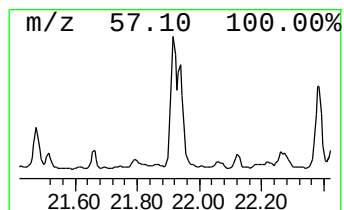
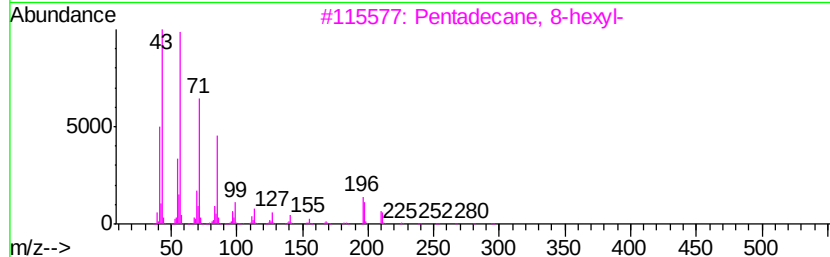
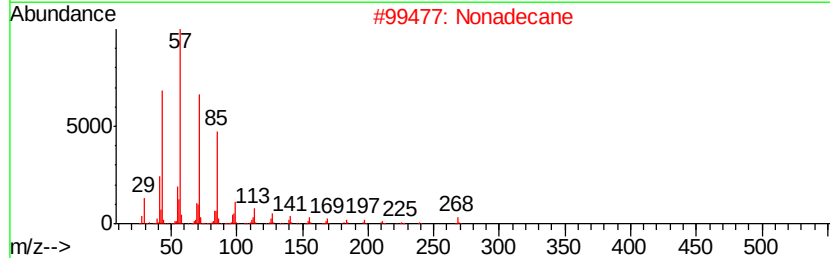
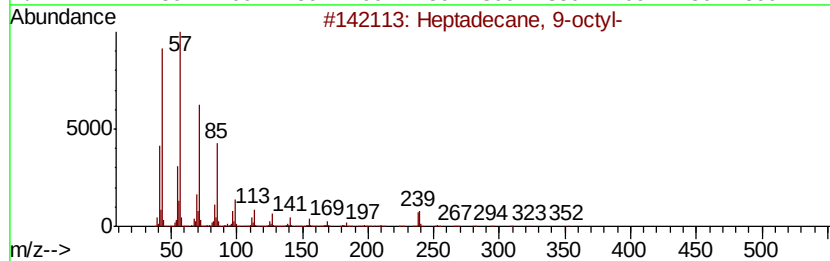
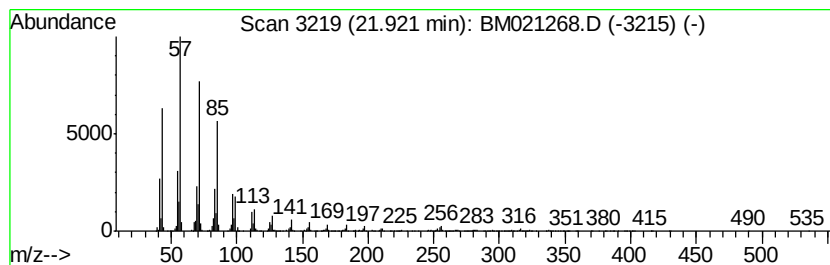
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	3.90 ng/ul	1349980	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Nonadecane	268	C19H40	000629-92-5	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C6BA0

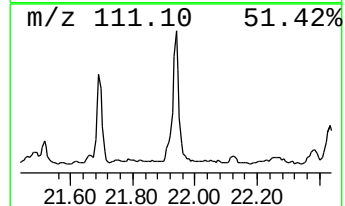
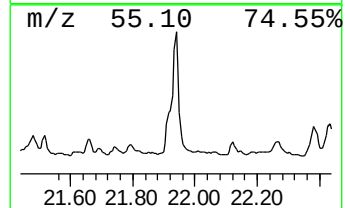
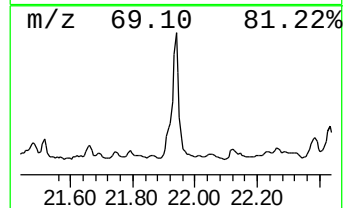
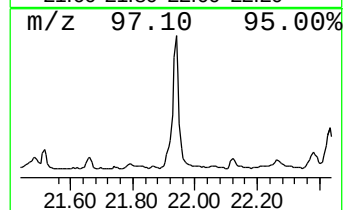
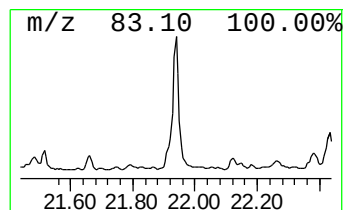
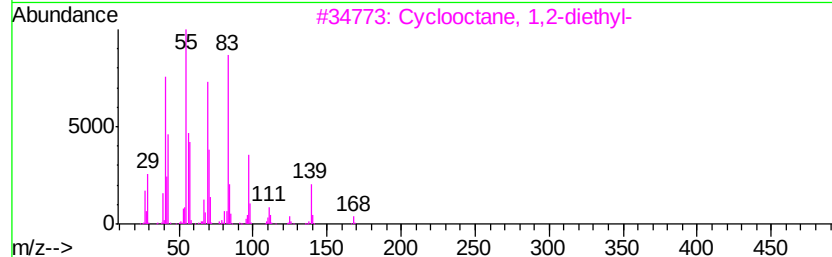
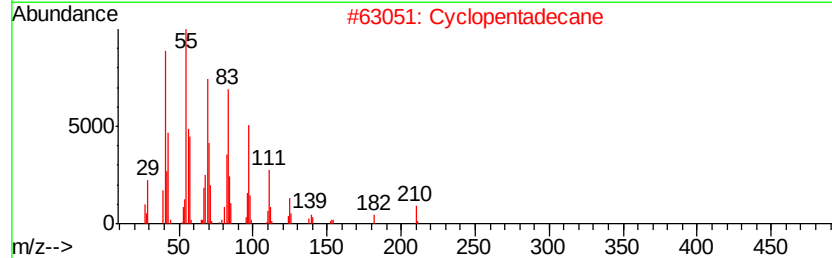
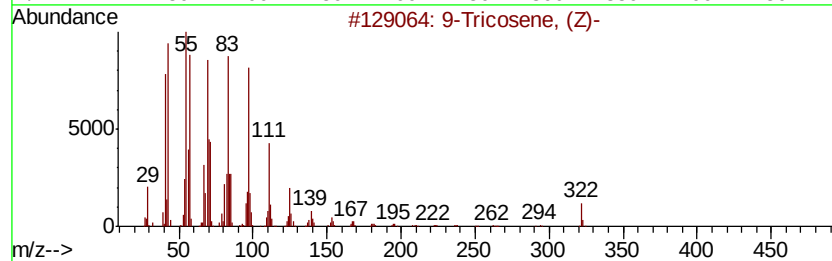
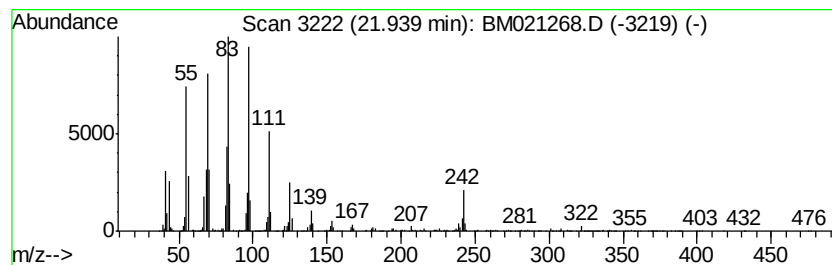
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Cyclic21.94 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	11.22 ng/ul	3888930	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	87
2		Cyclopentadecane	210	C15H30	000295-48-7	64
3		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	49
4		2-Methyl-2-docosene	322	C23H46	1000131-16-9	47
5		1-Octadecanol	270	C18H38O	000112-92-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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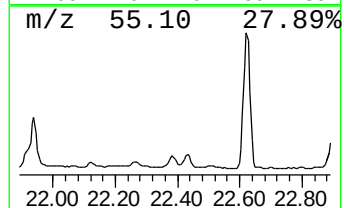
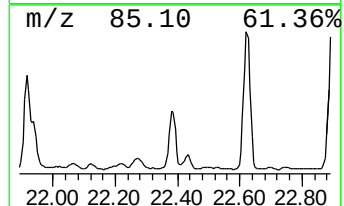
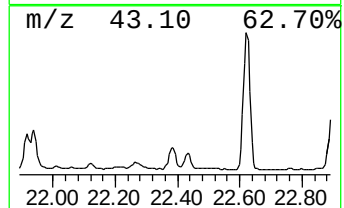
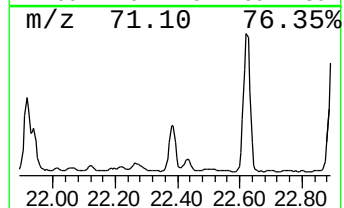
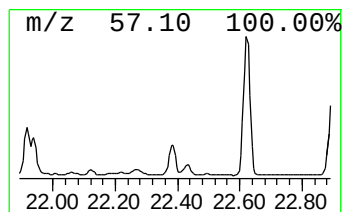
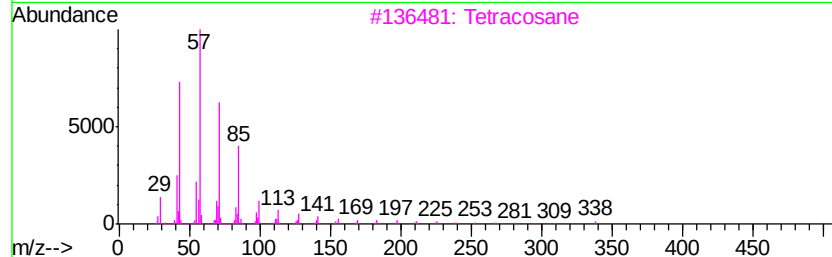
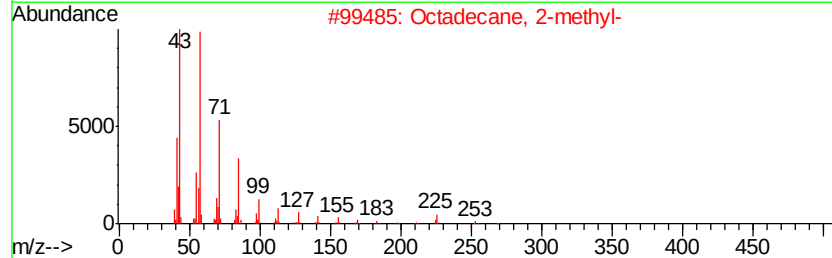
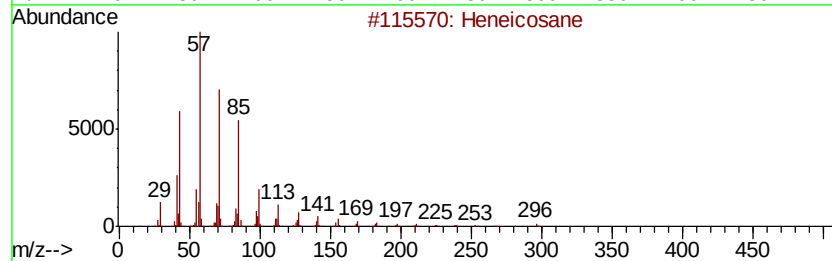
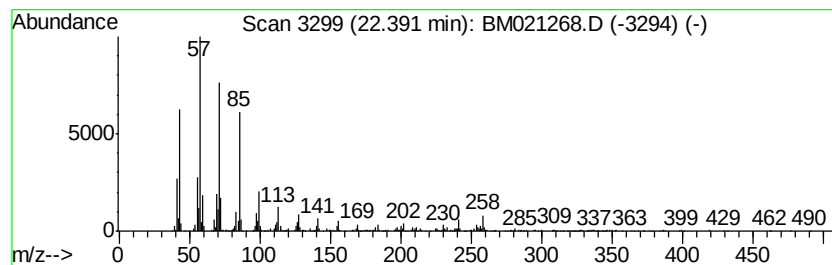
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	4.25 ng/ul	1471560	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
3		Tetracosane	338	C24H50	000646-31-1	83
4		Tetracosane	338	C24H50	000646-31-1	83
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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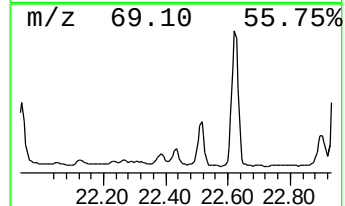
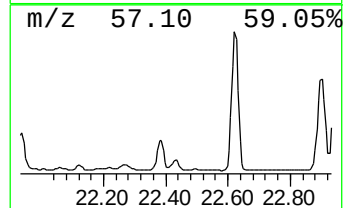
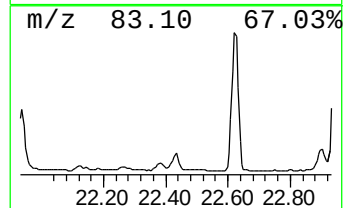
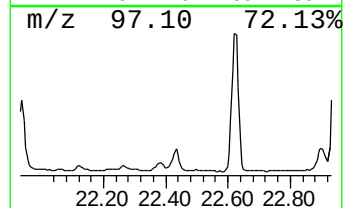
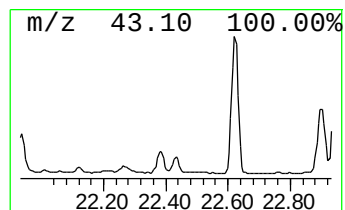
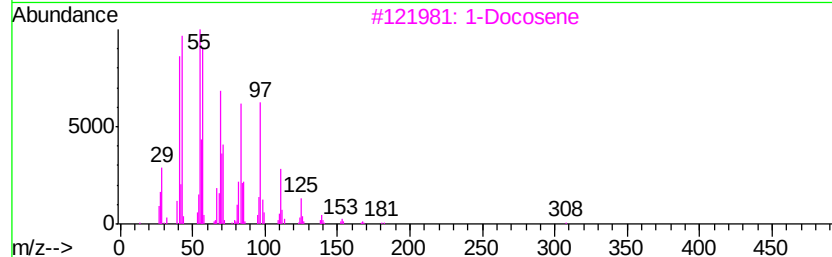
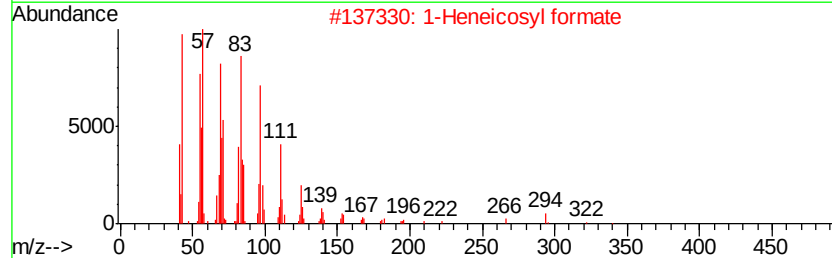
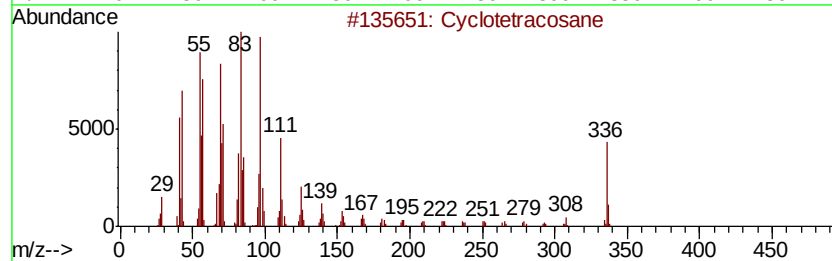
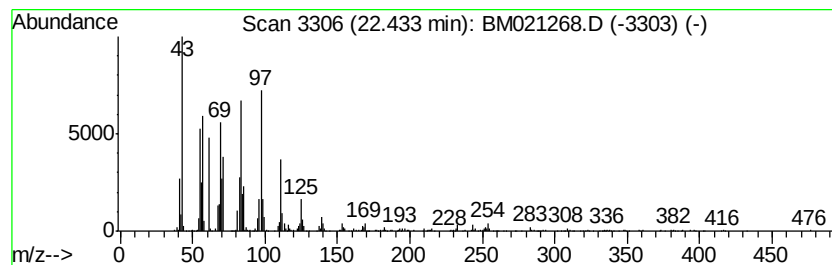
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Cyclic22.43 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	3.41 ng/ul	1181850	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	99
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
3			1-Docosene	308	C22H44	001599-67-3	95
4			Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	87
5			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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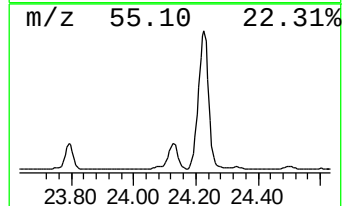
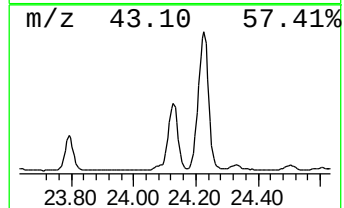
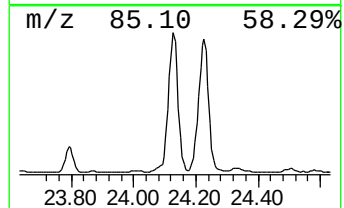
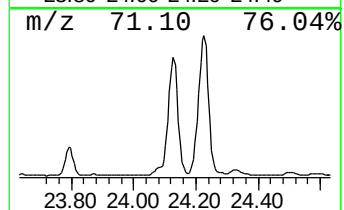
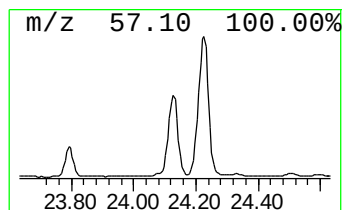
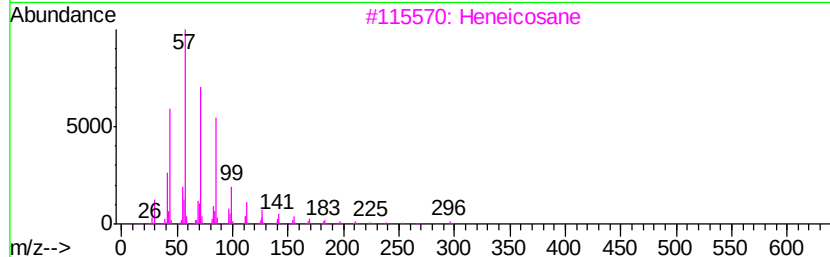
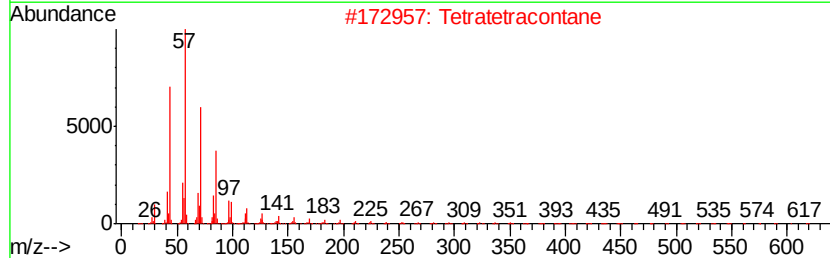
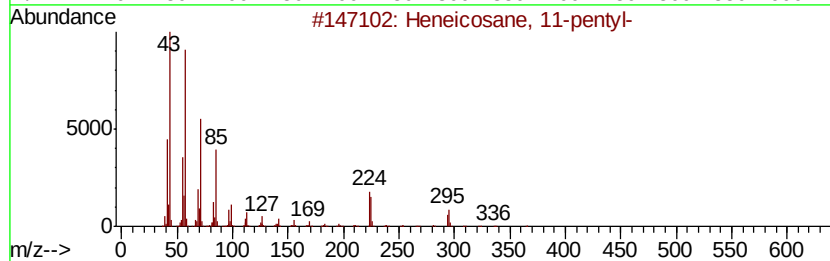
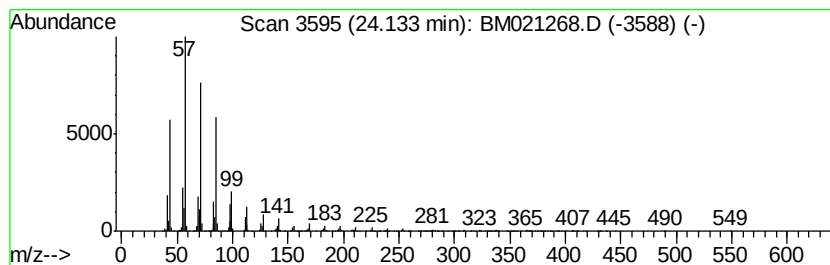
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	51.67 ng/ul	8844610	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021268.D
Acq On : 29 Jun 2019 18:52
Operator : HP/JU
Sample : K3593-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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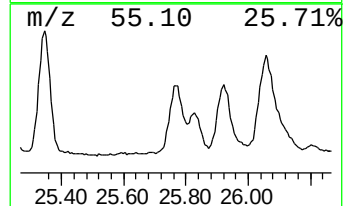
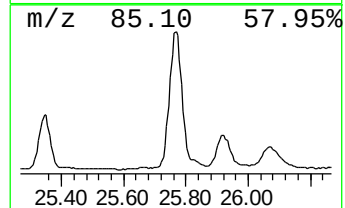
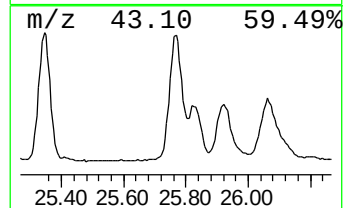
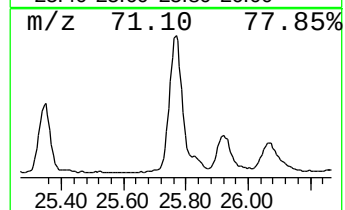
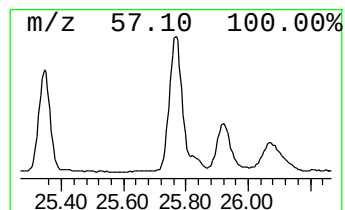
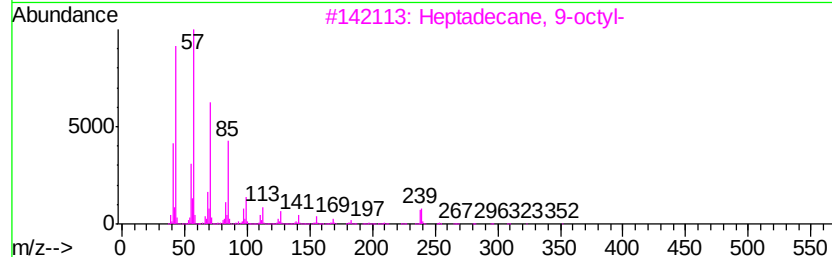
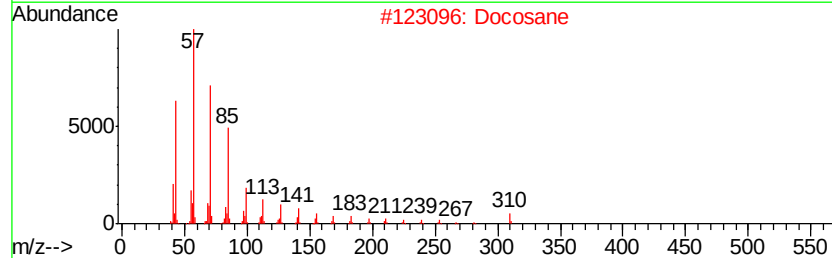
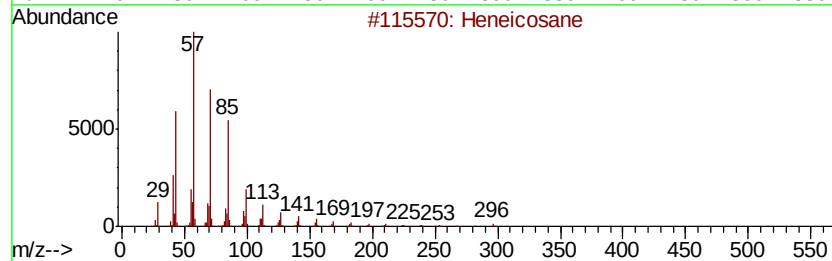
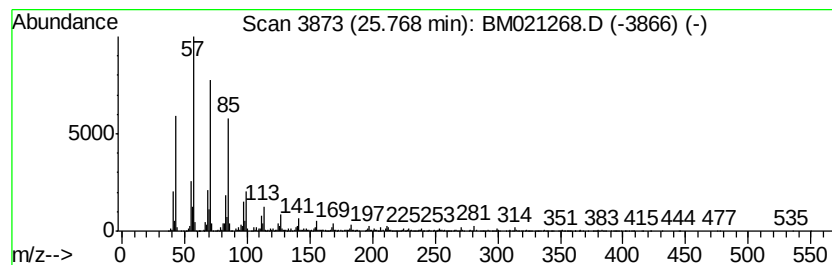
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	29.49 ng/ul	5048120	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Docosane	310	C22H46	000629-97-0	95
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4		Docosane	310	C22H46	000629-97-0	93
5		Octadecane	254	C18H38	000593-45-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021268.D
 Acq On : 29 Jun 2019 18:52
 Operator : HP/JU
 Sample : K3593-11
 Misc :
 ALS Vial : 15 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	54.0	ng/ul	4971530	1	7.76	1839680	20.0
Cyclotrisiloxane,...	4.40	8.7	ng/ul	804354	1	7.76	1839680	20.0
Bicyclo[3.1.0]hex...	6.27	4.5	ng/ul	409064	1	7.76	1839680	20.0
1R-.alpha.-Pinene	6.44	27.6	ng/ul	2538040	1	7.76	1839680	20.0
Hexanoic acid	6.82	6.5	ng/ul	602844	1	7.76	1839680	20.0
Cyclotetrasiloxan...	6.86	6.5	ng/ul	601834	1	7.76	1839680	20.0
.beta.-Pinene	7.19	13.5	ng/ul	1241260	1	7.76	1839680	20.0
Cyclopentasiloxan...	9.29	3.4	ng/ul	449497	2	10.55	2675640	20.0
unknown-01	9.86	7.1	ng/ul	948312	2	10.55	2675640	20.0
1,6-Cyclodecadien...	13.26	2.3	ng/ul	433129	3	14.40	3799000	20.0
Caryophyllene	13.70	3.2	ng/ul	610231	3	14.40	3799000	20.0
Naphthalene, 1,2,...	14.46	4.5	ng/ul	848516	3	14.40	3799000	20.0
Dodecanoic acid	14.82	3.8	ng/ul	721585	3	14.40	3799000	20.0
1H-Cycloprop[e]az...	15.31	3.8	ng/ul	721448	3	14.40	3799000	20.0
.alpha.-Cadinol	15.96	5.5	ng/ul	1175410	4	17.15	4268780	20.0
Undecanoic acid	16.26	2.0	ng/ul	429614	4	17.15	4268780	20.0
Tetradecanoic acid	16.56	7.9	ng/ul	1687370	4	17.15	4268780	20.0
7-Acetyl-2-hydrox...	16.65	3.3	ng/ul	709737	4	17.15	4268780	20.0
unknown-02	16.90	3.0	ng/ul	638943	4	17.15	4268780	20.0
Dibenzothiophene	16.97	3.1	ng/ul	662429	4	17.15	4268780	20.0
Pentadecanoic acid	17.05	9.7	ng/ul	2079130	4	17.15	4268780	20.0
unknown-03	17.67	2.3	ng/ul	485693	4	17.15	4268780	20.0
Tridecanoic acid	17.79	2.5	ng/ul	528908	4	17.15	4268780	20.0
9-Hexadecenoic acid	17.94	38.0	ng/ul	8111040	4	17.15	4268780	20.0
Hexadecenoic acid...	18.00	44.0	ng/ul	9392770	4	17.15	4268780	20.0
n-Hexadecanoic acid	18.08	146.7	ng/ul	31313400	4	17.15	4268780	20.0
unknown-04	18.32	12.9	ng/ul	2748100	4	17.15	4268780	20.0
(DEL) Alkane: Cyc...	18.35	2.5	ng/ul	544759	4	17.15	4268780	20.0
unknown-05	18.54	2.4	ng/ul	500876	4	17.15	4268780	20.0
5.beta.,8.beta.H,...	18.66	8.3	ng/ul	1772840	4	17.15	4268780	20.0
Heptadecanoic acid	18.72	3.9	ng/ul	832939	4	17.15	4268780	20.0
(DEL) Alkane: Str...	21.92	3.9	ng/ul	1349980	5	21.34	6930320	20.0
(DEL) Alkane: Cyc...	21.94	11.2	ng/ul	3888930	5	21.34	6930320	20.0
(DEL) Alkane: Str...	22.39	4.3	ng/ul	1471560	5	21.34	6930320	20.0
(DEL) Alkane: Cyc...	22.43	3.4	ng/ul	1181850	5	21.34	6930320	20.0
(DEL) Alkane: Str...	24.13	51.7	ng/ul	8844610	6	23.61	3423580	20.0
(DEL) Alkane: Str...	25.77	29.5	ng/ul	5048120	6	23.61	3423580	20.0