

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019720.D
 Acq On : 03 Apr 2019 08:45
 Operator : JU/SJ
 Sample : K2168-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF641

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-BM032219MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.516	251	260	267	rBV	693894	1223178	9.14%	0.355%
2	5.010	340	344	353	rVB2	1323465	2538346	18.96%	0.737%
3	5.146	359	367	374	rVB	1678128	2722874	20.34%	0.790%
4	5.816	475	481	495	rBV8	900599	2434650	18.19%	0.706%
5	5.934	495	501	511	rVB4	747327	1639972	12.25%	0.476%
6	6.051	511	521	525	rBV4	1277378	3129091	23.38%	0.908%
7	6.098	525	529	534	rVB	1916290	2586731	19.33%	0.751%
8	6.187	539	544	555	rVB2	1363558	2855279	21.33%	0.829%
9	6.534	599	603	609	rVV2	4532997	6907431	51.61%	2.004%
10	6.687	624	629	636	rBV4	1250887	2647654	19.78%	0.768%
11	6.922	664	669	677	rBV3	609605	1679972	12.55%	0.487%
12	7.028	683	687	695	rBV2	646826	1196672	8.94%	0.347%
13	7.098	695	699	710	rVB4	862985	1909965	14.27%	0.554%
14	7.445	755	758	763	rVB2	974173	1472253	11.00%	0.427%
15	7.504	763	768	774	rVB	3176538	4676617	34.94%	1.357%
16	7.569	774	779	782	rBV	768229	1549165	11.57%	0.450%
17	7.716	799	804	807	rVV2	1041406	1621275	12.11%	0.470%
18	7.816	818	821	828	rVV3	823103	1589654	11.88%	0.461%
19	7.928	835	840	844	rBV	1675717	2513991	18.78%	0.729%
20	8.039	853	859	865	rBV2	2433981	5544891	41.43%	1.609%
21	8.116	869	872	877	rVB	918186	1247032	9.32%	0.362%
22	8.192	877	885	889	rBV	2994203	5000233	37.36%	1.451%
23	8.498	931	937	943	rBV3	614587	1231735	9.20%	0.357%
24	8.651	957	963	970	rVV	8108382	13384864	100.00%	3.884%
25	8.734	971	977	983	rVB2	3309211	5862149	43.80%	1.701%
26	8.834	990	994	997	rBV2	766990	1314174	9.82%	0.381%
27	8.886	997	1003	1009	rVB4	1519751	3480876	26.01%	1.010%
28	8.986	1015	1020	1027	rVV5	741491	2006252	14.99%	0.582%
29	9.169	1046	1051	1057	rVB2	5121775	7457073	55.71%	2.164%
30	9.428	1086	1095	1097	rBV2	1275802	2763131	20.64%	0.802%
31	9.539	1110	1114	1118	rVV3	958699	1581342	11.81%	0.459%
32	9.592	1118	1123	1132	rVB4	3437618	6690111	49.98%	1.941%
33	9.739	1142	1148	1156	rBV2	6381892	11889494	88.83%	3.450%
34	9.804	1156	1159	1164	rVB2	939532	1421271	10.62%	0.412%

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35	9.916	1171	1178	1183	rBV5	1497160	3260844	24.36%	0.946%
36	9.975	1183	1188	1193	rBV2	1059697	1896466	14.17%	0.550%
37	10.039	1193	1199	1205	rVB	2346422	4050468	30.26%	1.175%
38	10.257	1233	1236	1238	rVV	911685	1356080	10.13%	0.393%
39	10.316	1239	1246	1253	rVV3	3018424	7491043	55.97%	2.174%
40	10.398	1253	1260	1264	rVV3	4639545	9806835	73.27%	2.846%
41	10.451	1264	1269	1270	rVV	1997354	3019867	22.56%	0.876%
42	10.480	1270	1274	1278	rVB	4824373	6950502	51.93%	2.017%
43	10.545	1278	1285	1291	rVB6	1791941	3678028	27.48%	1.067%
44	10.604	1291	1295	1303	rVB6	609039	1178139	8.80%	0.342%
45	10.704	1307	1312	1315	rBV3	916918	1515675	11.32%	0.440%
46	10.804	1324	1329	1336	rVB3	1819871	3247544	24.26%	0.942%
47	10.992	1357	1361	1363	rBV3	815517	1264465	9.45%	0.367%
48	11.151	1384	1388	1397	rVB5	1055683	2055824	15.36%	0.597%
49	11.239	1397	1403	1410	rVB2	2439234	5373276	40.14%	1.559%
50	11.339	1411	1420	1433	rBV	5743026	11513237	86.02%	3.341%
51	11.445	1434	1438	1442	rVB3	1099771	1765517	13.19%	0.512%
52	11.533	1443	1453	1459	rBV6	979808	2938614	21.95%	0.853%
53	11.598	1460	1464	1469	rVB3	1476679	2155671	16.11%	0.626%
54	11.733	1482	1487	1490	rBV2	855496	1587343	11.86%	0.461%
55	11.975	1525	1528	1532	rVB2	1688243	2092077	15.63%	0.607%
56	12.027	1532	1537	1542	rVB	9063288	13231344	98.85%	3.839%
57	12.245	1570	1574	1582	rVB	4270880	6953181	51.95%	2.018%
58	12.398	1594	1600	1604	rBV4	1440113	2543912	19.01%	0.738%
59	12.457	1604	1610	1616	rVV4	890265	2396831	17.91%	0.695%
60	12.674	1643	1647	1650	rBV2	965199	1372606	10.25%	0.398%
61	12.727	1650	1656	1663	rVB	4359133	6174472	46.13%	1.792%
62	12.863	1675	1679	1685	rBV5	485150	1189937	8.89%	0.345%
63	12.998	1698	1702	1705	rBV	939845	1166166	8.71%	0.338%
64	13.039	1706	1709	1714	rVB3	919129	1342605	10.03%	0.390%
65	13.251	1739	1745	1752	rVB	1584399	3337109	24.93%	0.968%
66	13.386	1762	1768	1769	rBV	2960935	4472182	33.41%	1.298%
67	13.545	1789	1795	1800	rBV	4282993	8028296	59.98%	2.330%
68	13.598	1800	1804	1810	rVV	3778615	5751863	42.97%	1.669%
69	13.651	1810	1813	1816	rVV	1431957	2282329	17.05%	0.662%
70	13.686	1816	1819	1824	rVB2	4402225	5605725	41.88%	1.627%
71	13.780	1832	1835	1838	rBV	1319641	1869259	13.97%	0.542%

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72	13.921	1856	1859	1862	rBV	1170118	1486432	11.11%	0.431%
73	14.039	1875	1879	1885	rVB5	733135	1442353	10.78%	0.419%
74	14.227	1905	1911	1916	rVB4	1864644	4149727	31.00%	1.204%
75	14.445	1942	1948	1957	rBV2	1507757	3505269	26.19%	1.017%
76	14.627	1972	1979	1983	rBV3	1758205	3528373	26.36%	1.024%
77	14.710	1988	1993	1996	rBV	1998328	2940760	21.97%	0.853%
78	14.851	2012	2017	2022	rBV	1644004	2912090	21.76%	0.845%
79	14.904	2022	2026	2031	rVV	1375769	1974822	14.75%	0.573%
80	15.233	2078	2082	2086	rVV	1623582	2183457	16.31%	0.634%
81	15.327	2094	2098	2103	rVB2	670761	1163309	8.69%	0.338%
82	15.474	2118	2123	2134	rVB	2859081	5765594	43.08%	1.673%
83	15.957	2200	2205	2210	rBV	6115687	8239383	61.56%	2.391%
84	16.274	2255	2259	2262	rBV2	761242	1315357	9.83%	0.382%
85	16.345	2267	2271	2275	rVB3	943364	1388083	10.37%	0.403%
86	16.780	2340	2345	2349	rBV	2923388	3951491	29.52%	1.147%
87	16.992	2375	2381	2385	rBV	2274758	3535924	26.42%	1.026%
88	17.033	2385	2388	2393	rVV	1118928	1773564	13.25%	0.515%
89	17.092	2393	2398	2405	rVB	2562257	3992989	29.83%	1.159%
90	17.386	2444	2448	2454	rBV4	1004371	1541762	11.52%	0.447%
91	17.880	2526	2532	2535	rBV2	906576	2139794	15.99%	0.621%
92	17.915	2535	2538	2543	rVB	965213	1291334	9.65%	0.375%
93	18.792	2683	2687	2692	rBV	863135	1344744	10.05%	0.390%
94	19.398	2786	2790	2794	rBV	2710873	3564241	26.63%	1.034%
95	19.733	2844	2847	2850	rBV	1307558	1398697	10.45%	0.406%
96	19.774	2850	2854	2860	rVB	2505665	2912602	21.76%	0.845%
97	20.745	3016	3019	3027	rVB	1021070	1235319	9.23%	0.358%
98	21.197	3092	3096	3103	rVB	2882504	3473411	25.95%	1.008%
99	23.262	3441	3447	3454	rVB	1934877	3652726	27.29%	1.060%
100	23.403	3465	3471	3482	rVB2	1696675	3134709	23.42%	0.910%

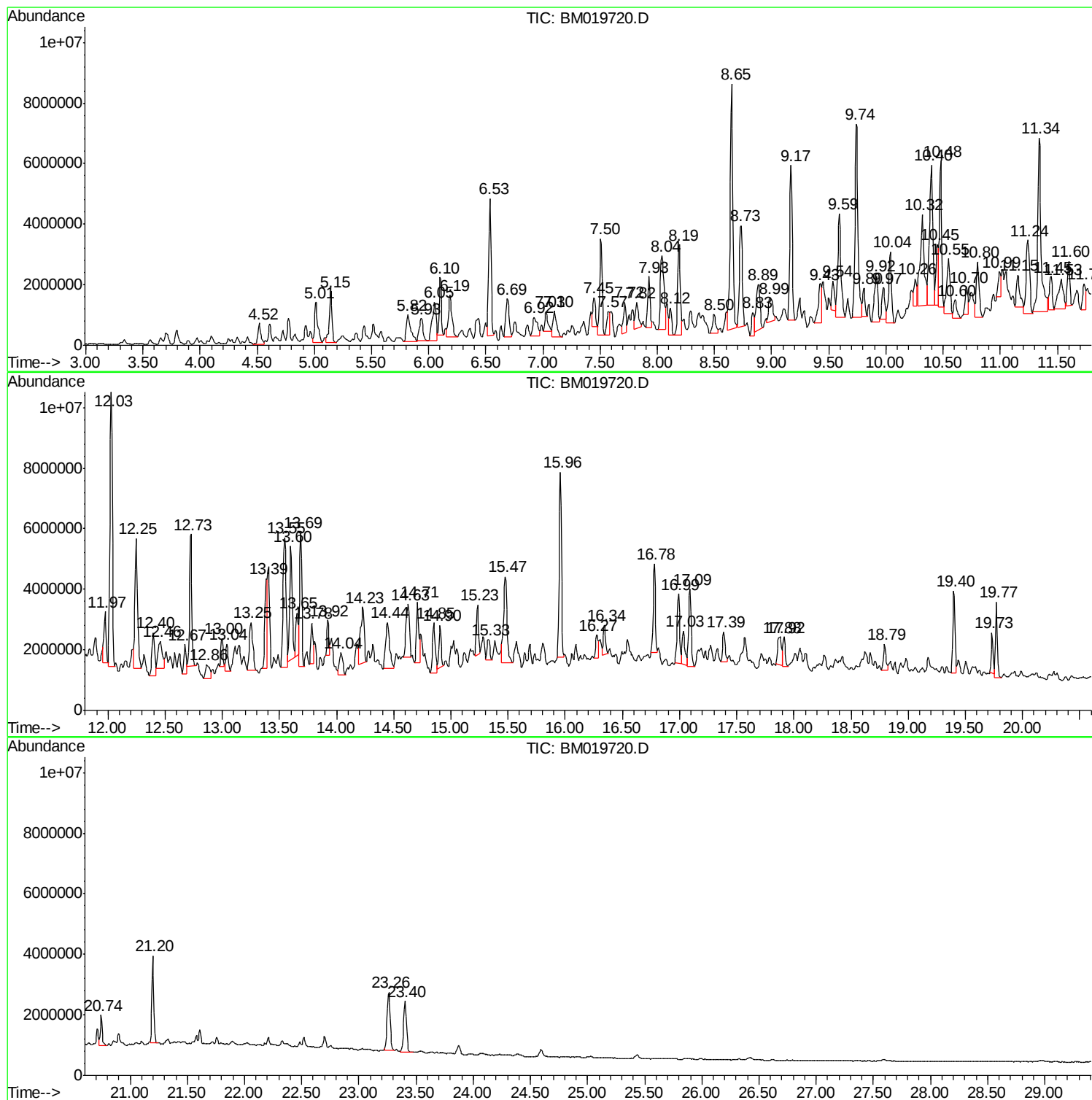
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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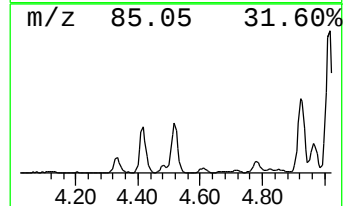
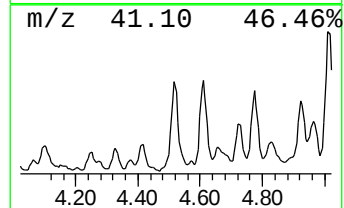
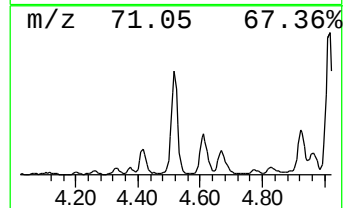
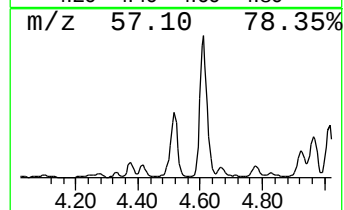
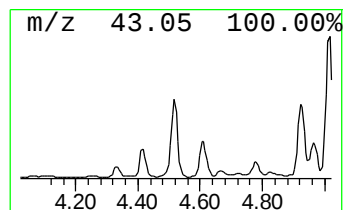
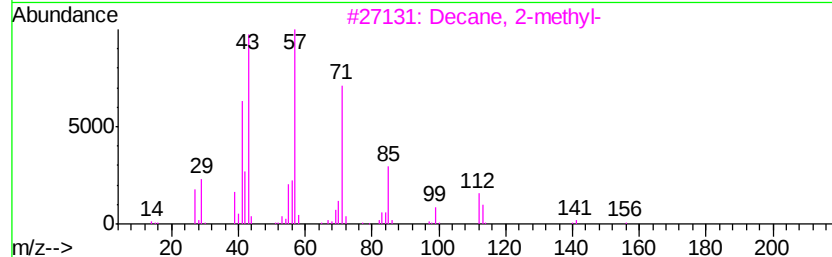
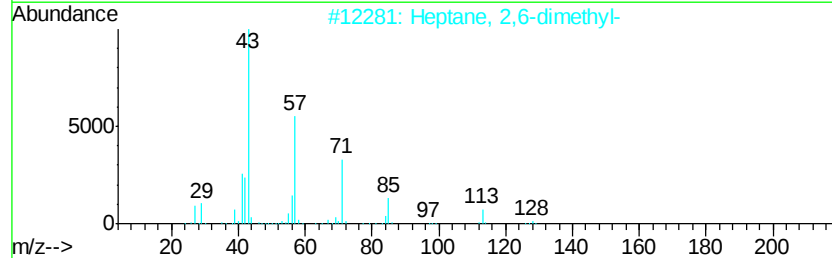
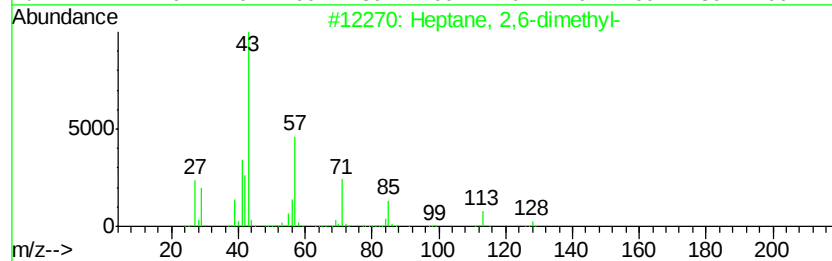
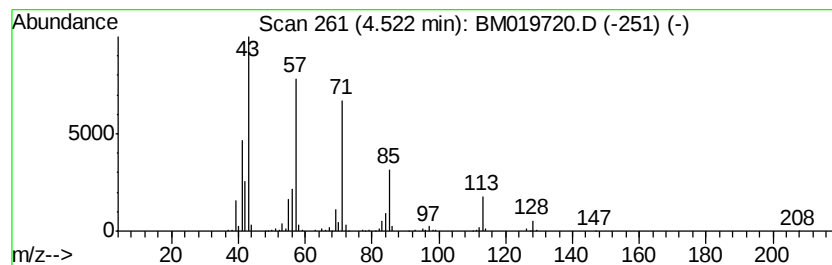
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	15.79 ng/ul	1223180	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3		Decane, 2-methyl-	156	C11H24	006975-98-0	78
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
5		Nonane	128	C9H20	000111-84-2	58



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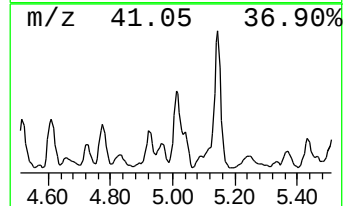
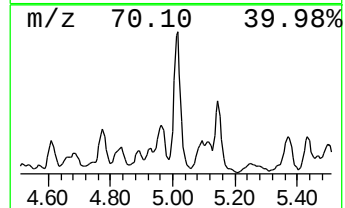
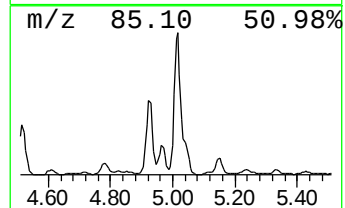
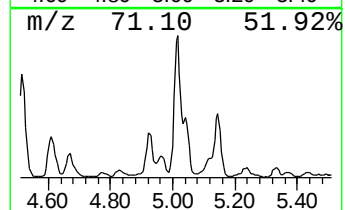
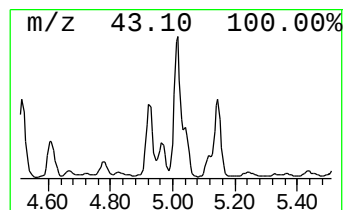
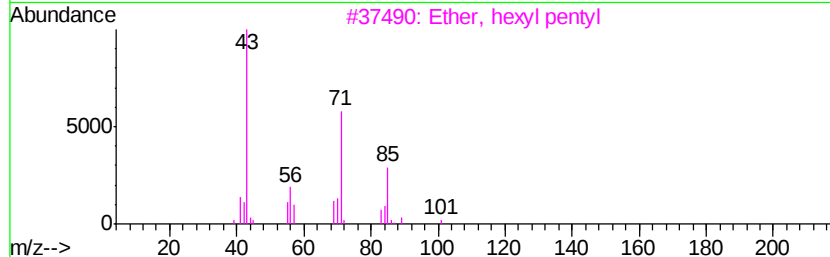
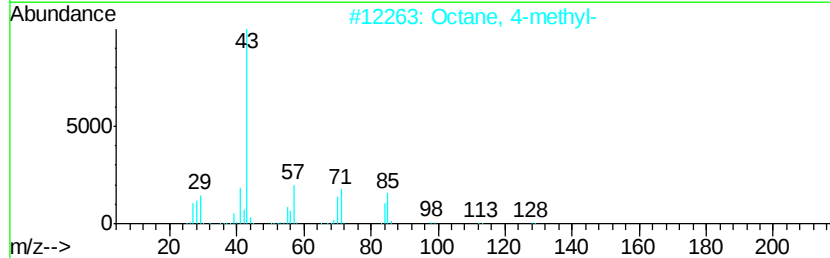
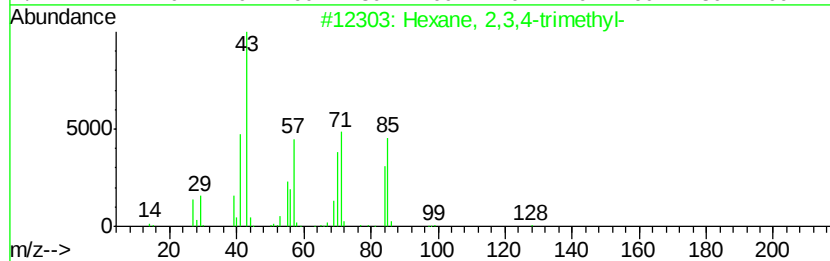
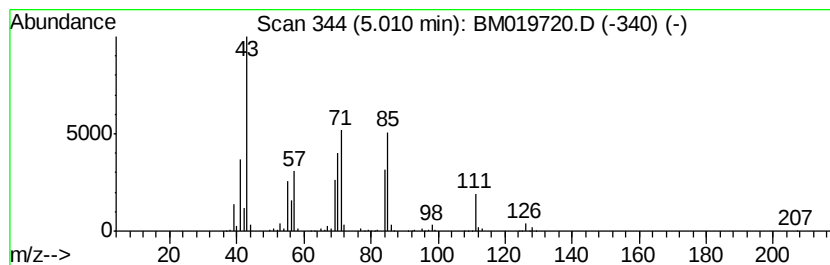
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	32.77 ng/ul	2538350	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
2		Octane, 4-methyl-	128	C9H20	002216-34-4	58
3		Ether, hexyl pentyl	172	C11H24O	032357-83-8	50
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	46



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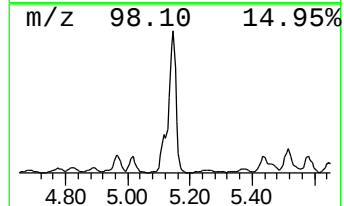
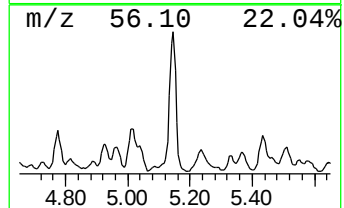
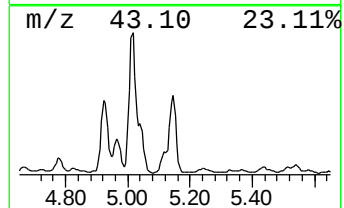
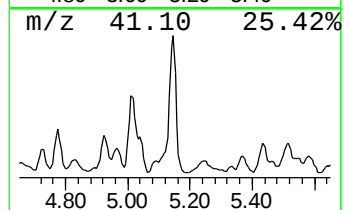
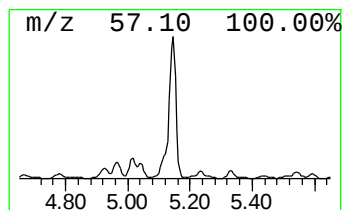
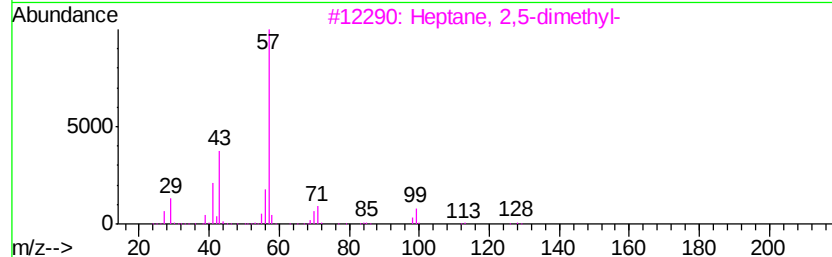
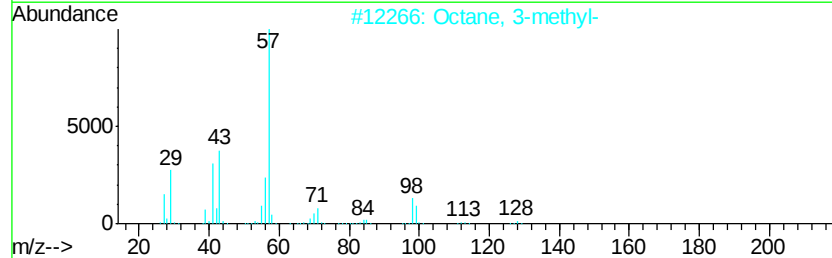
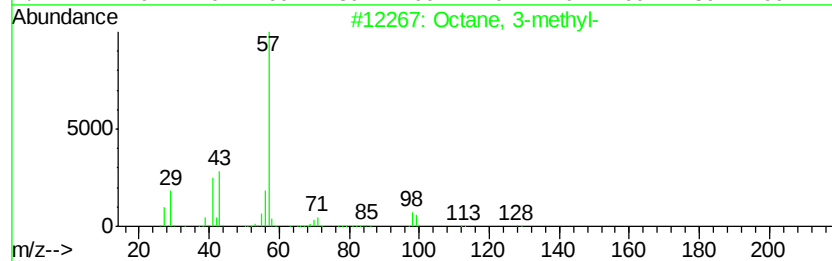
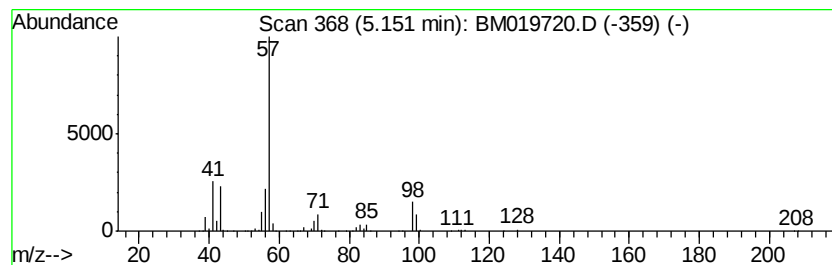
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	35.15 ng/ul	2722870	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	90
2		Octane, 3-methyl-	128	C9H20	002216-33-3	78
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5		Octane, 3-methyl-	128	C9H20	002216-33-3	52



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Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
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Instrument :
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ClientSampled :
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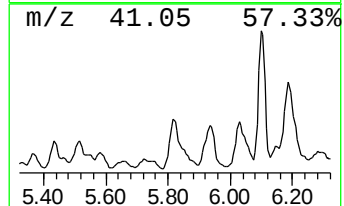
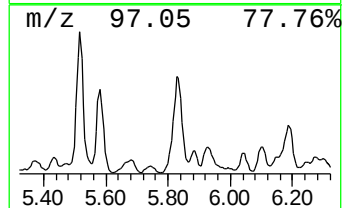
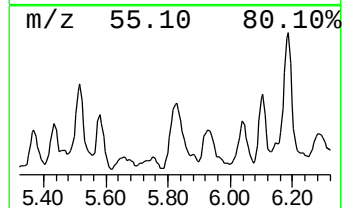
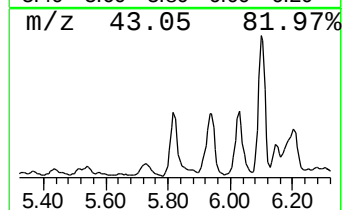
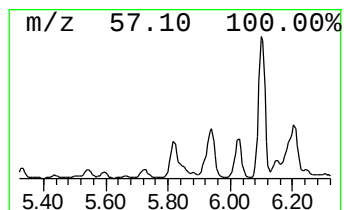
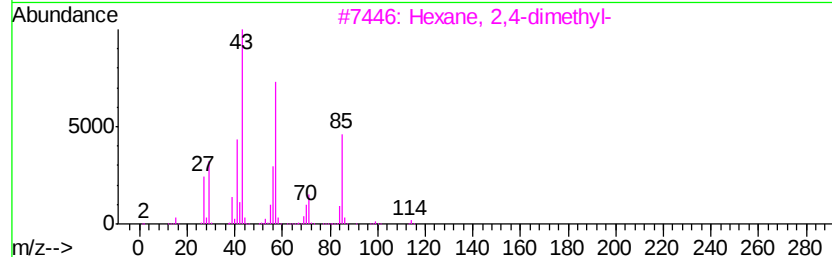
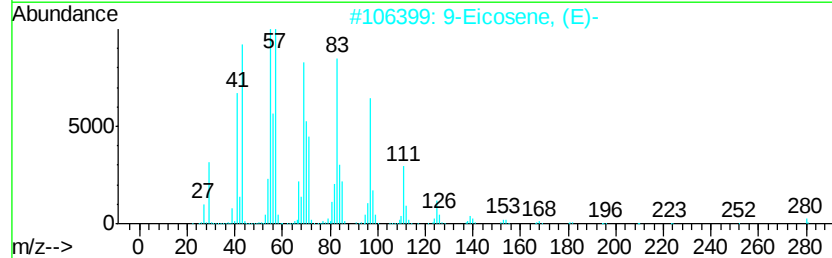
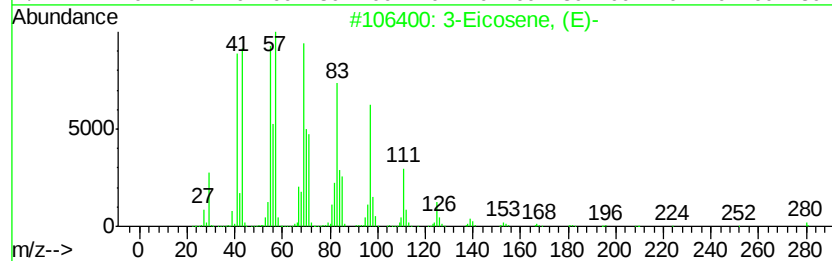
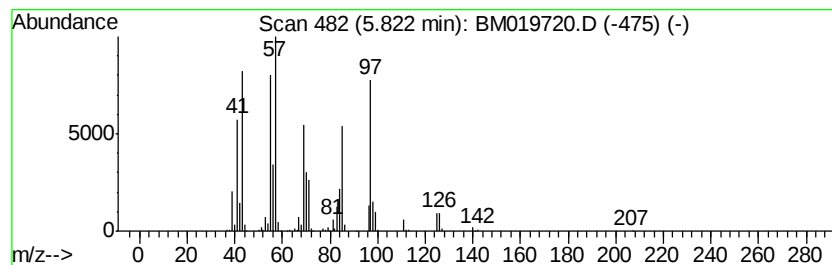
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic5.82 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	31.43 ng/ul	2434650	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Eicosene, (E)-	280	C20H40	074685-33-9	59
2	9	Eicosene, (E)-	280	C20H40	074685-29-3	59
3	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	43
4	Pentanoic acid, decyl ester		242	C15H30O2	005454-12-6	38
5	Hexane, 1-(hexyloxy)-2-methyl-		200	C13H28O	074421-17-3	35



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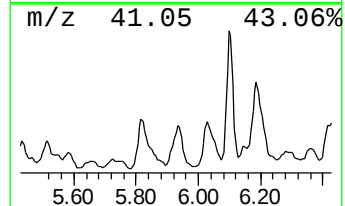
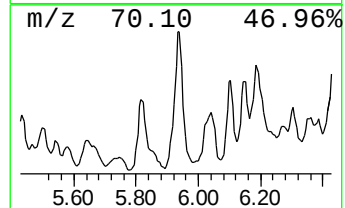
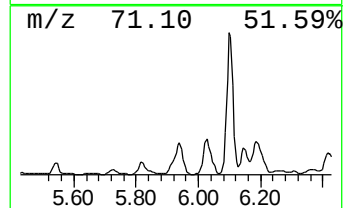
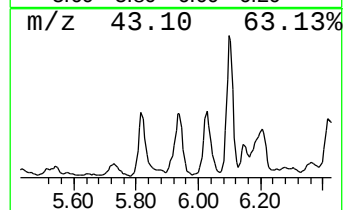
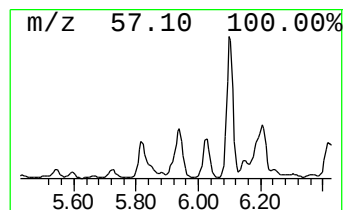
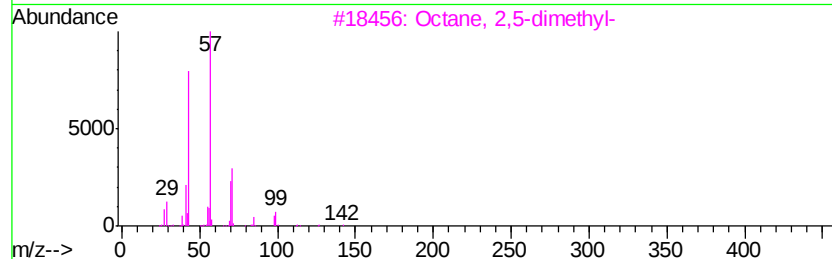
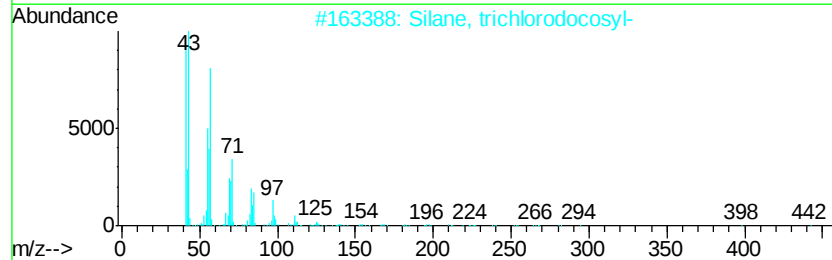
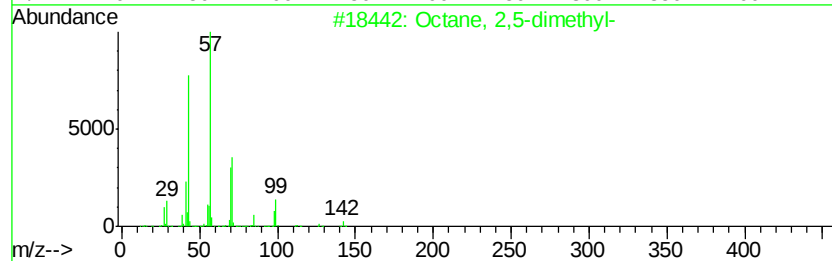
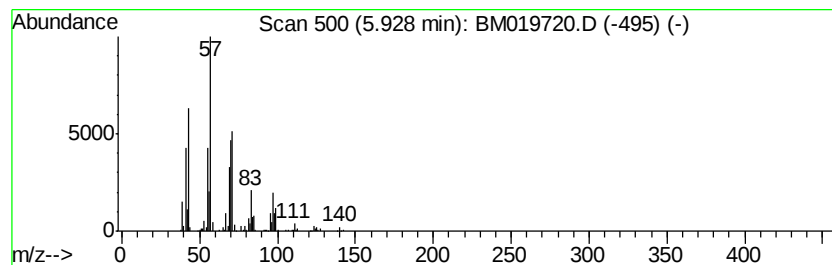
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	21.17 ng/ul	1639970	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
2		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	64
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	62
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
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Sample : K2168-19
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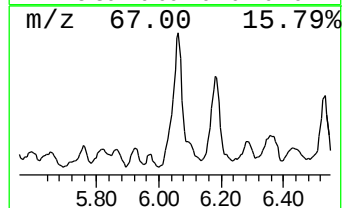
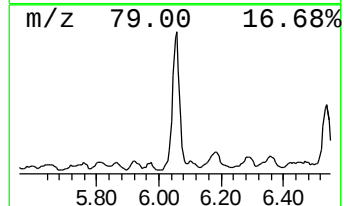
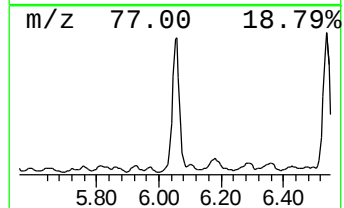
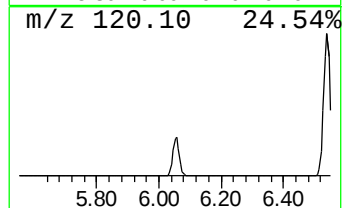
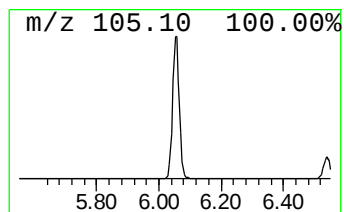
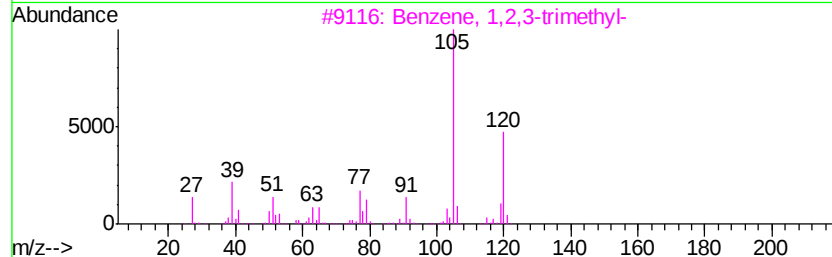
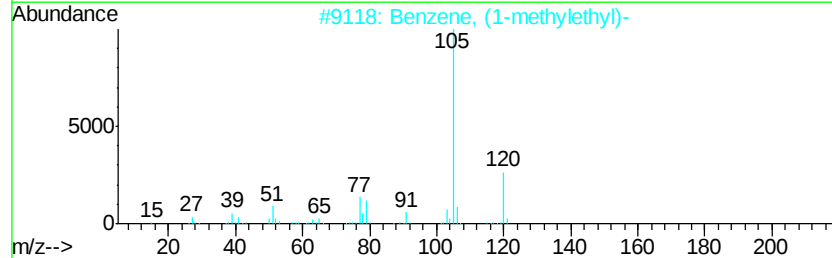
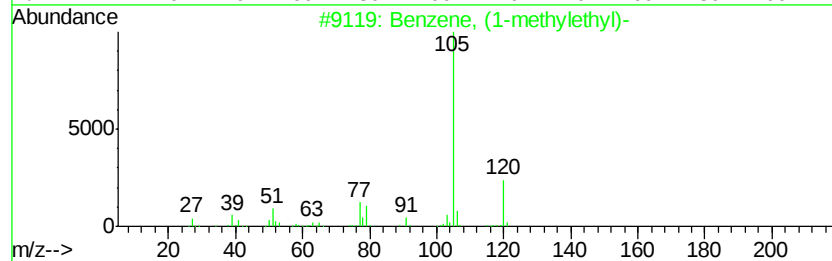
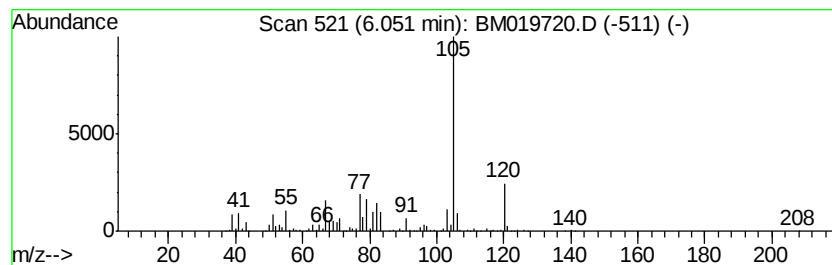
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	40.40 ng/ul	3129090	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
2		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	62
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
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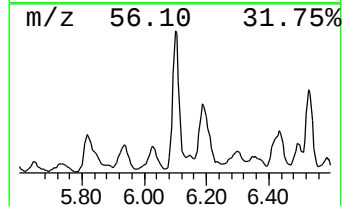
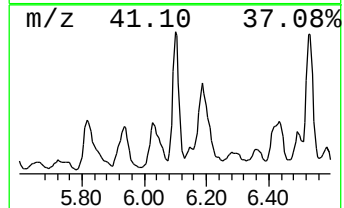
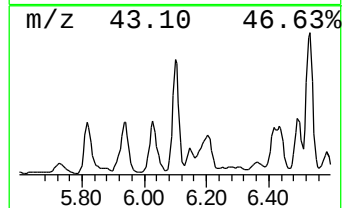
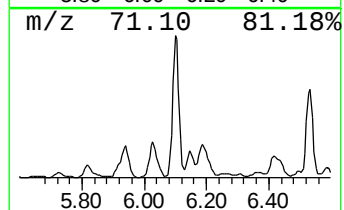
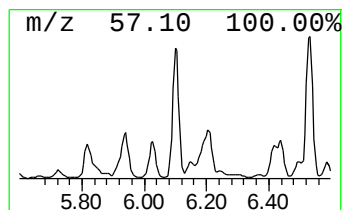
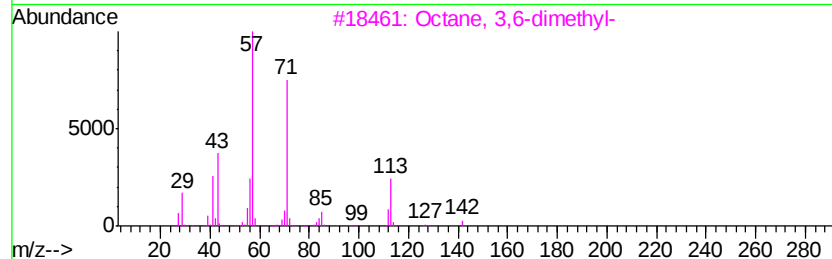
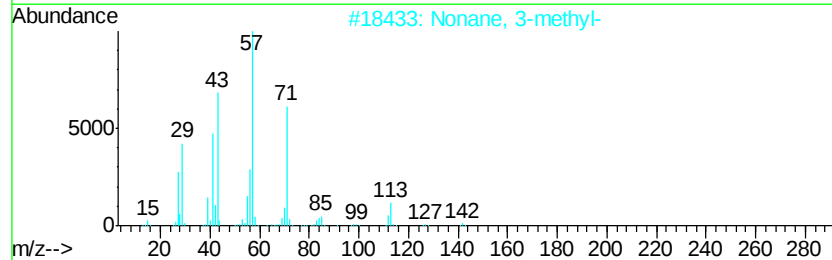
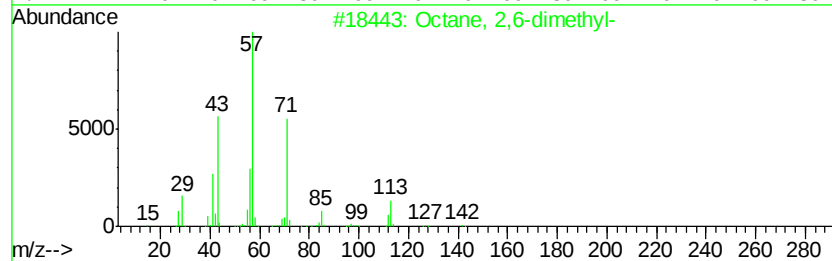
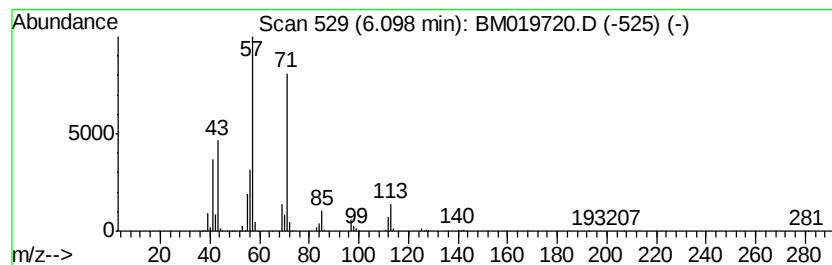
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	33.40 ng/ul	2586730	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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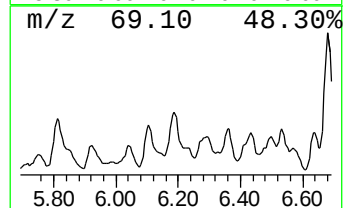
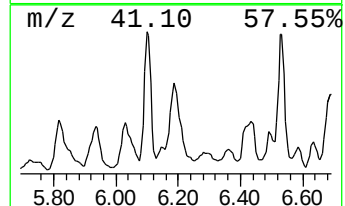
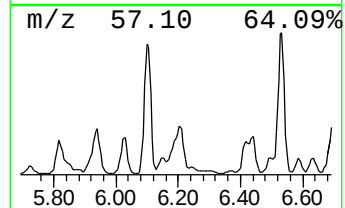
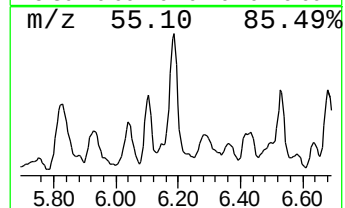
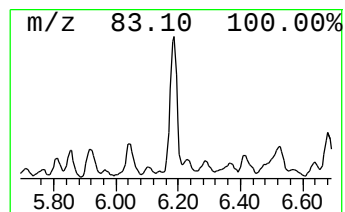
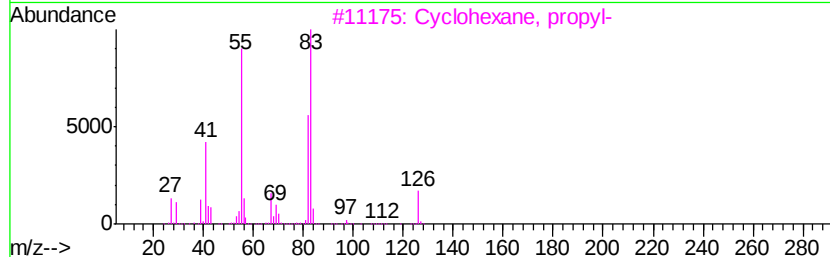
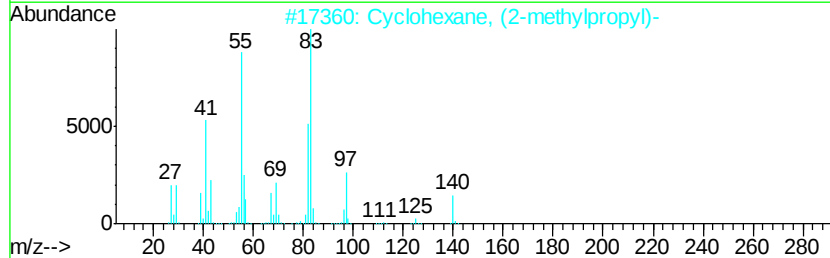
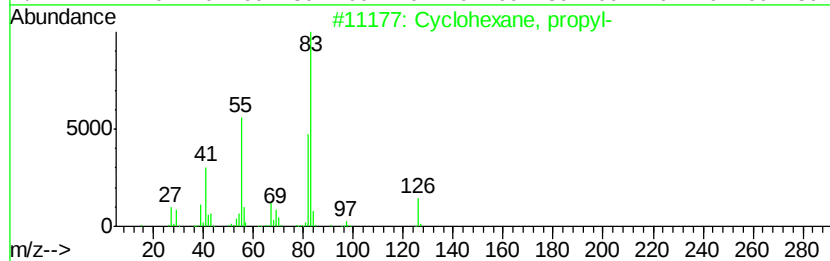
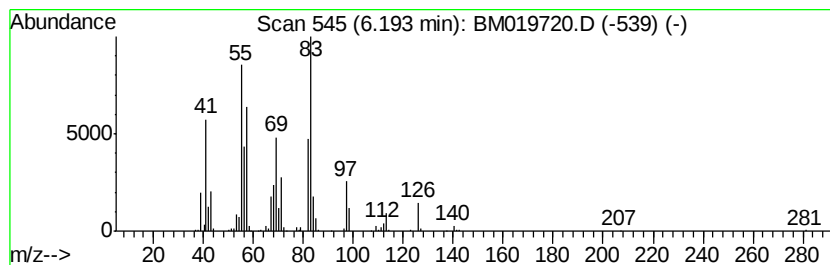
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic6.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	36.86 ng/ul	2855280	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	53



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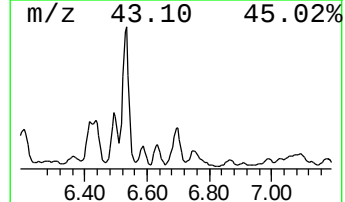
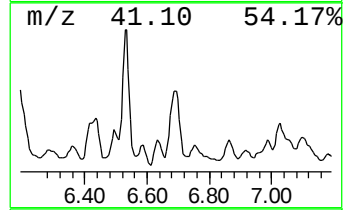
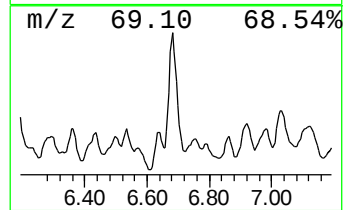
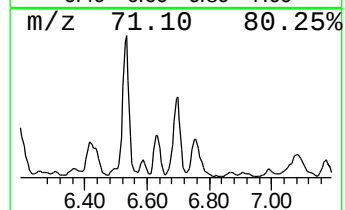
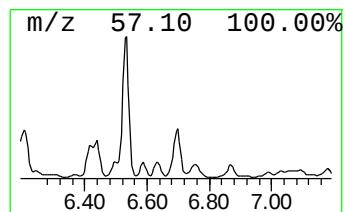
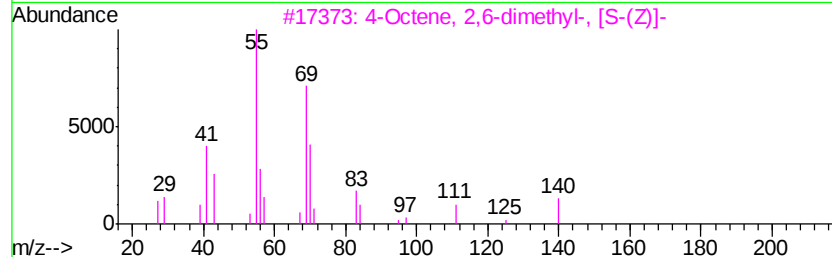
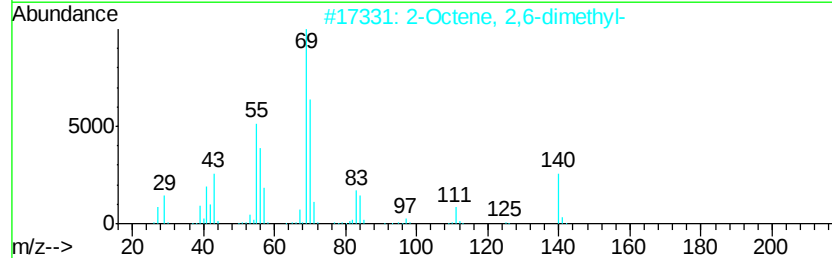
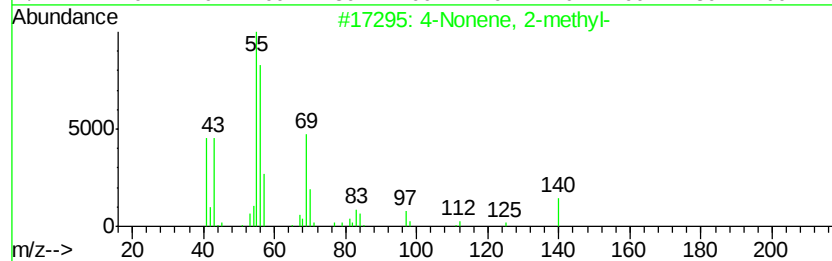
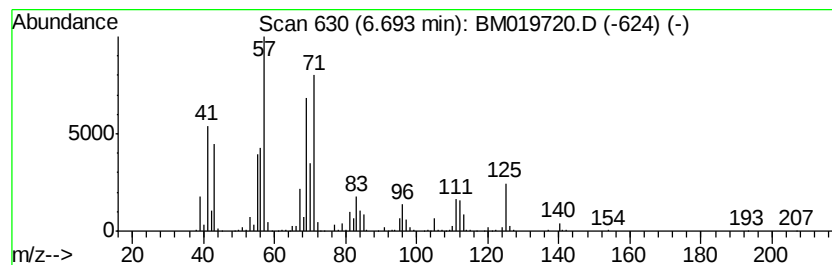
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic6.69 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	34.18 ng/ul	2647650	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 2-methyl-			140	C10H20	055724-84-0	49
2	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	49
3	4-Octene, 2,6-dimethyl-, [S-(Z)]-			140	C10H20	062960-77-4	46
4	2-Nonene, 2-methyl-			140	C10H20	002129-95-5	46
5	1-Hexene, 3,3,5-trimethyl-			126	C9H18	013427-43-5	43



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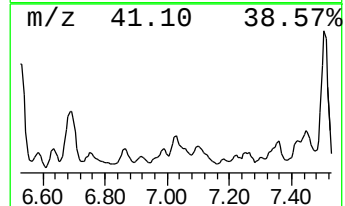
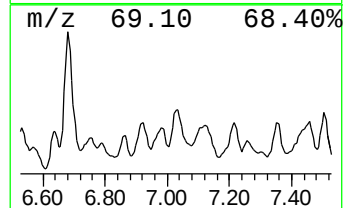
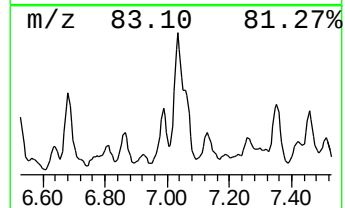
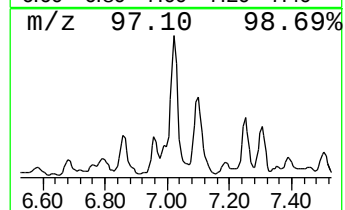
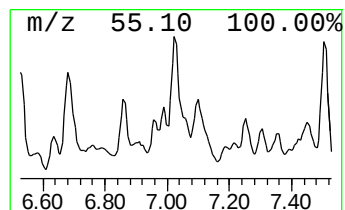
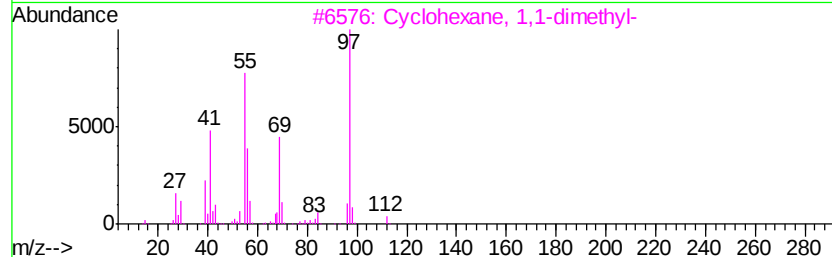
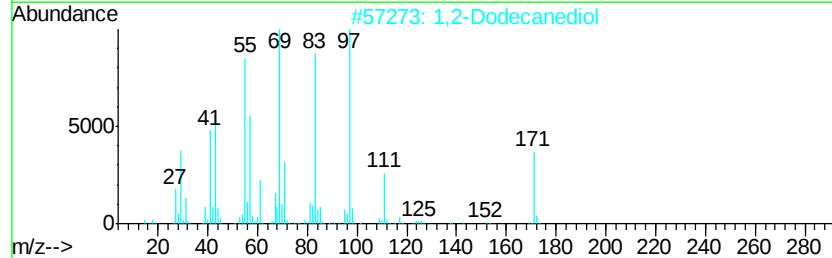
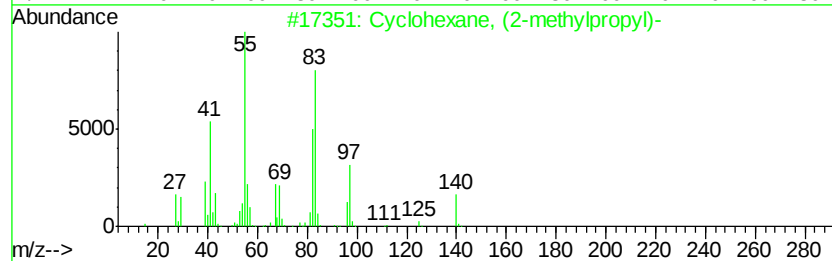
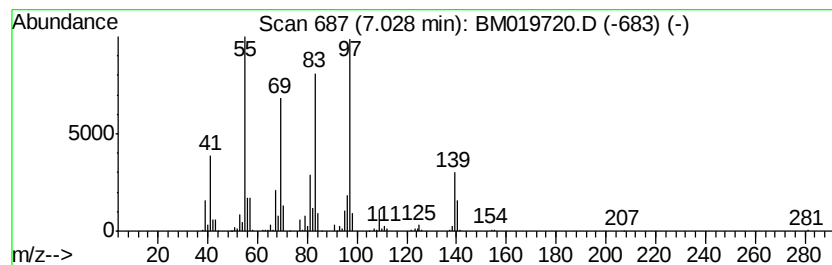
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic7.03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	15.45 ng/ul	1196670	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2			1,2-Dodecanediol	202	C12H26O2	001119-87-5	53
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
4			6-Dodecanol	186	C12H26O	006836-38-0	43
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	43



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Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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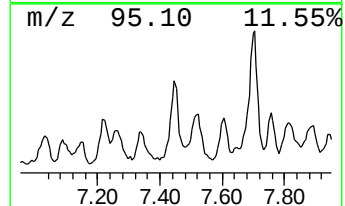
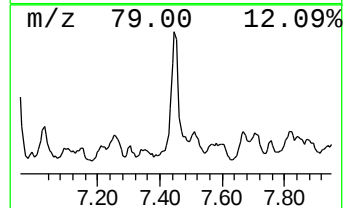
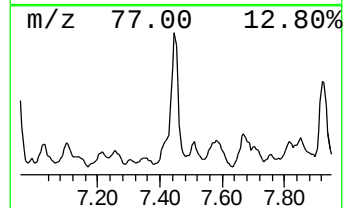
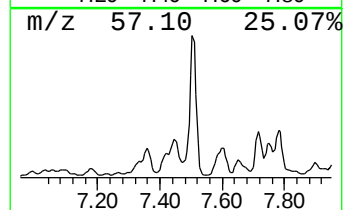
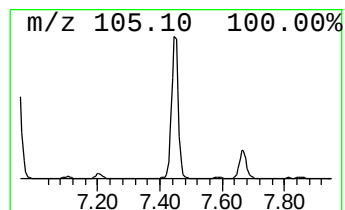
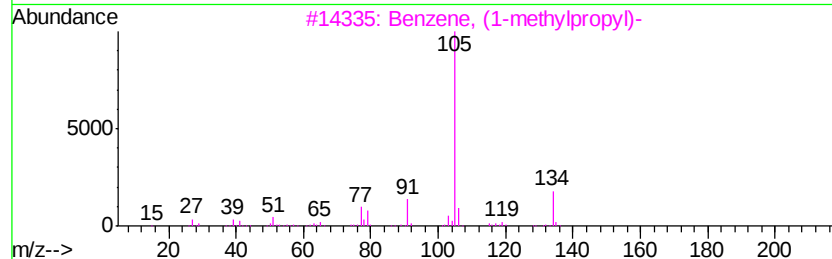
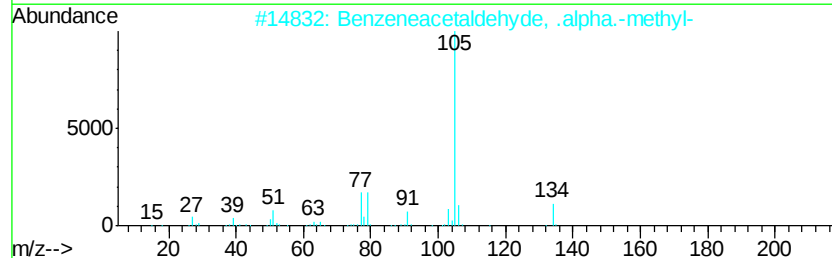
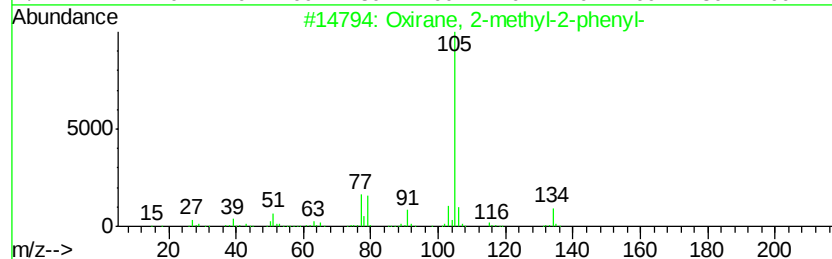
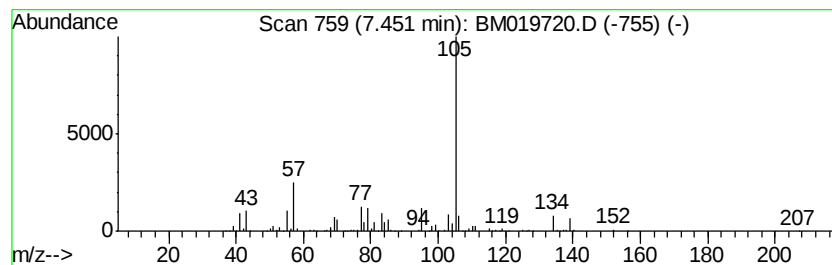
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	19.01 ng/ul	1472250	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	49
2		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	43
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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Sample : K2168-19
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ClientSampleId :
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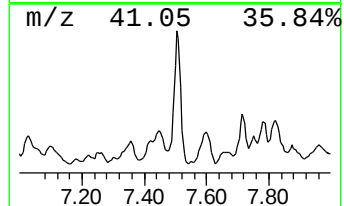
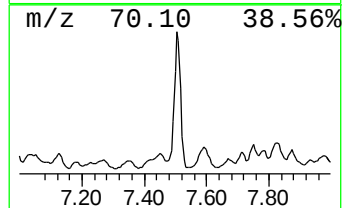
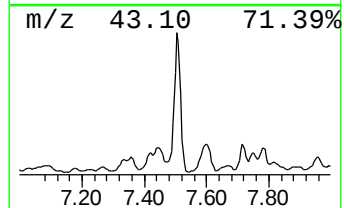
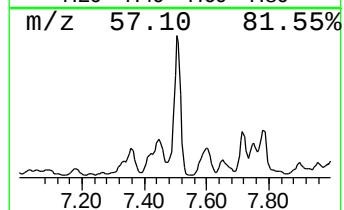
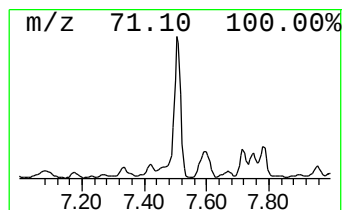
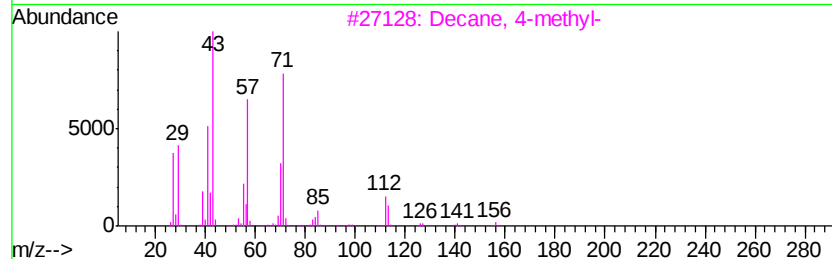
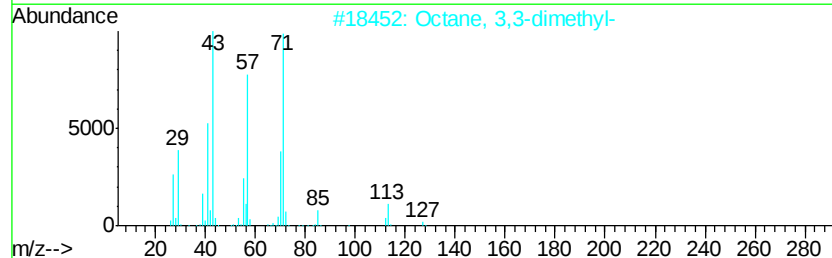
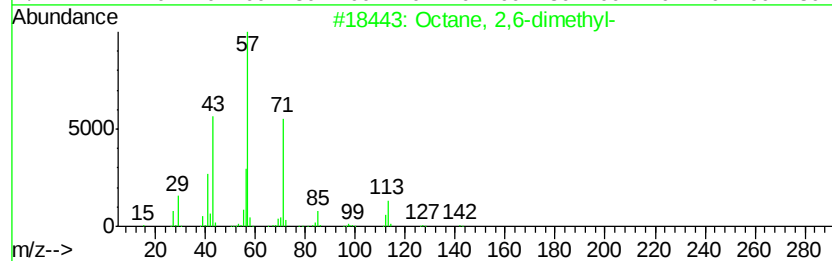
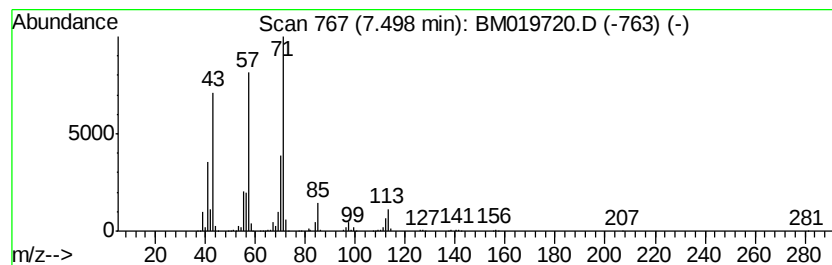
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	60.38 ng/ul	4676620	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3		Decane, 4-methyl-	156	C11H24	002847-72-5	72
4		Octane, 3-ethyl-	142	C10H22	005881-17-4	72
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



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ClientSampleId :
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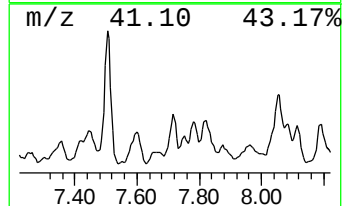
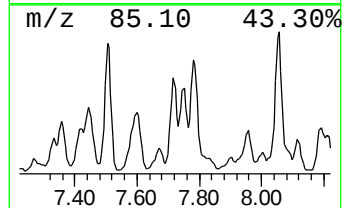
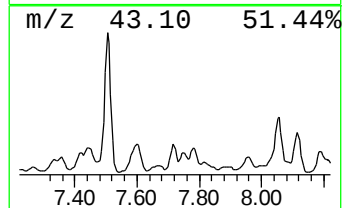
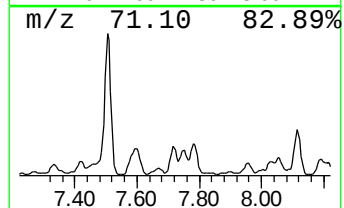
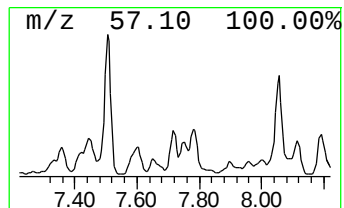
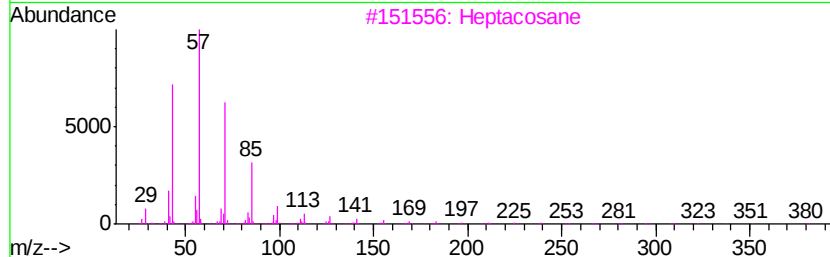
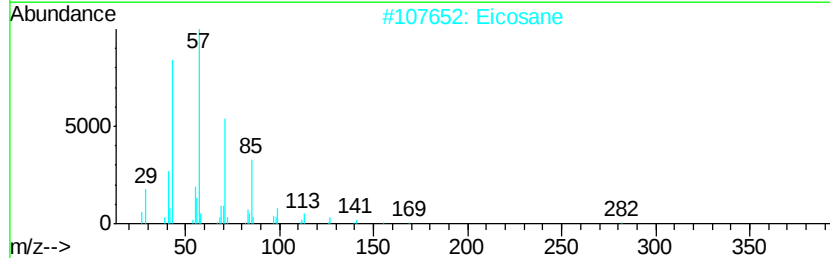
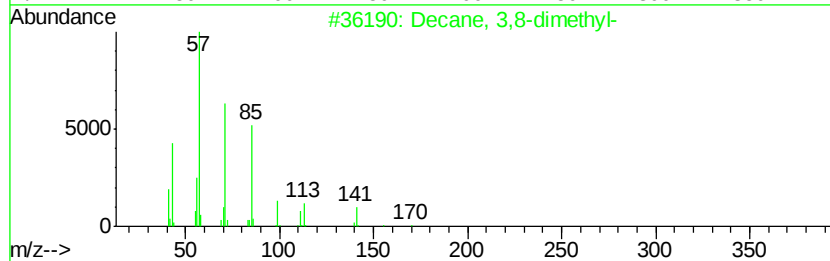
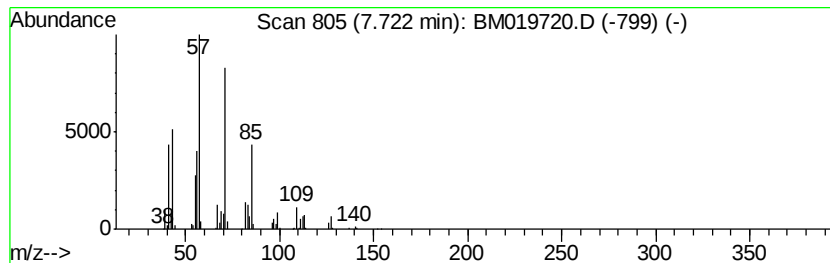
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	20.93 ng/ul	1621280	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2		Eicosane	282	C20H42	000112-95-8	59
3		Heptacosane	380	C27H56	000593-49-7	59
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59
5		Octacosane	394	C28H58	000630-02-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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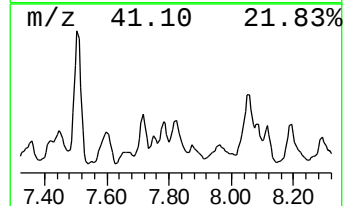
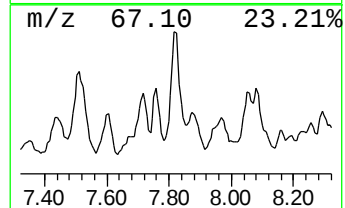
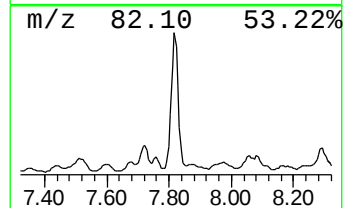
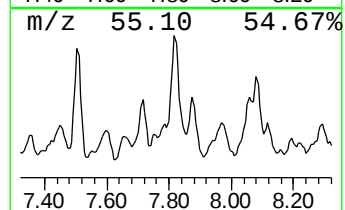
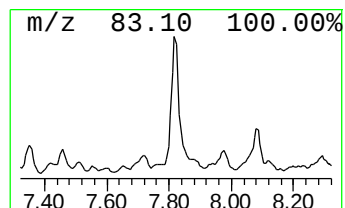
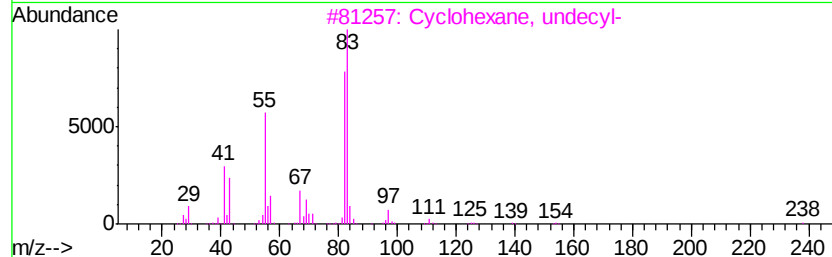
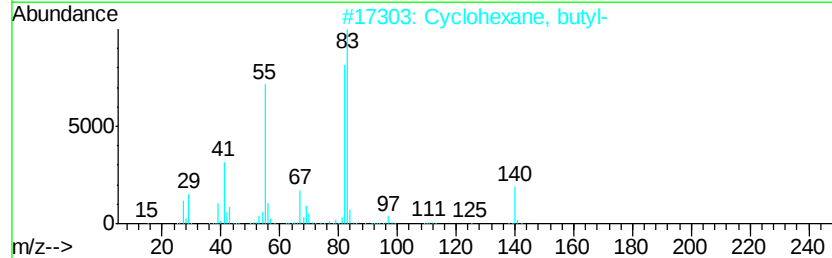
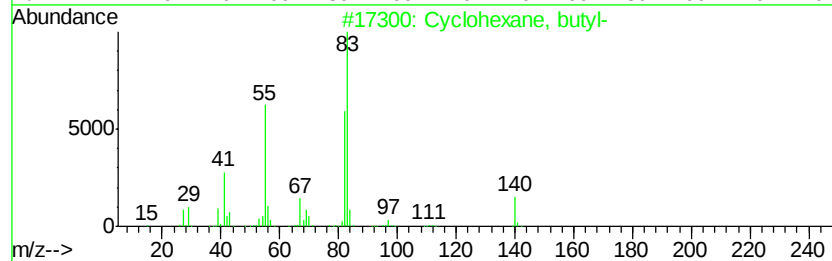
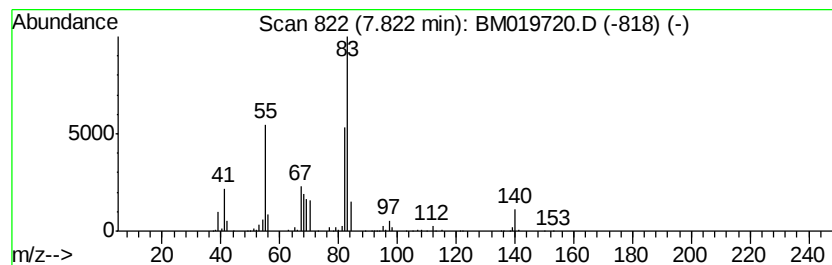
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic7.82 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	20.52 ng/ul	1589650	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	80
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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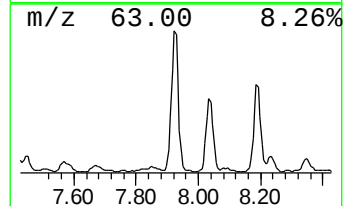
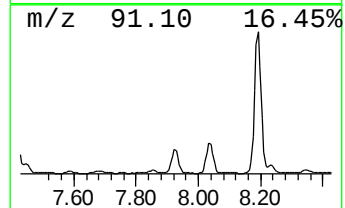
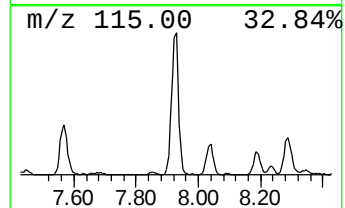
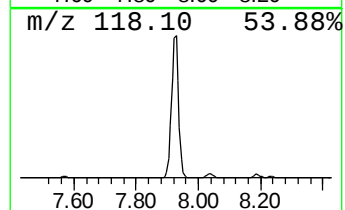
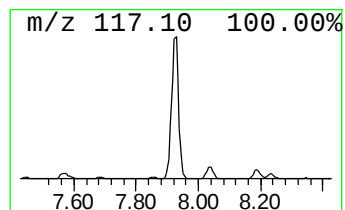
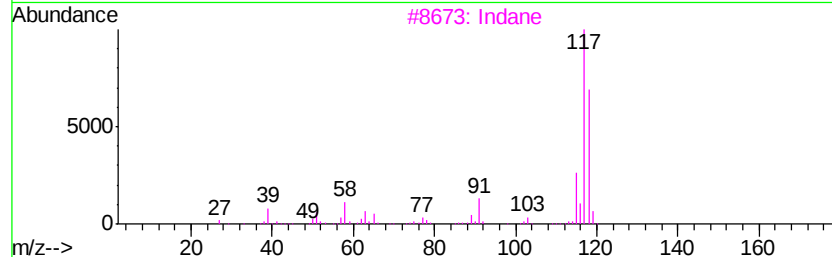
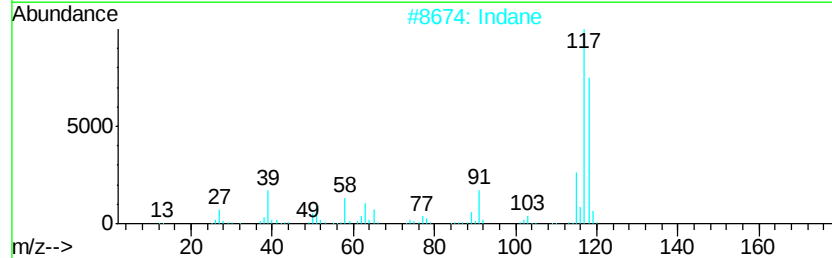
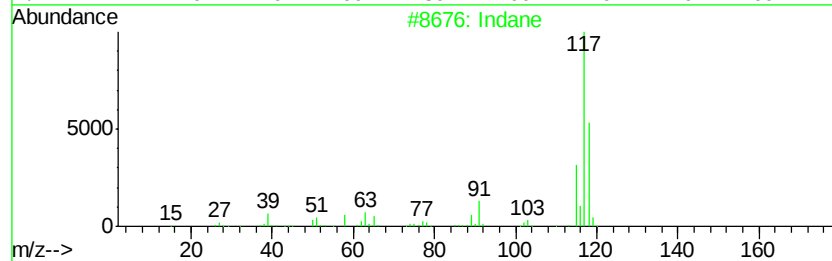
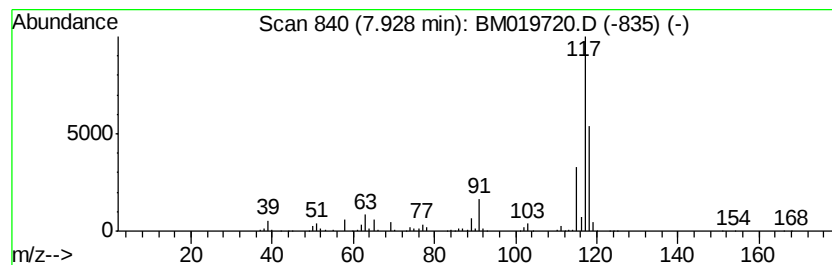
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	32.46 ng/ul	2513990	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	94
2		Indane	118	C9H10	000496-11-7	91
3		Indane	118	C9H10	000496-11-7	91
4		Deltacyclene	118	C9H10	007785-10-6	74
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64



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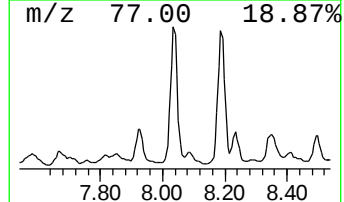
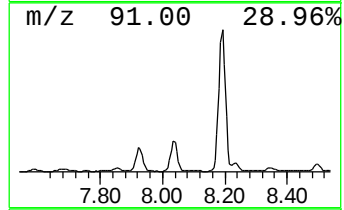
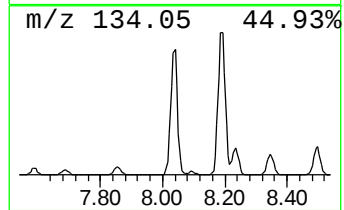
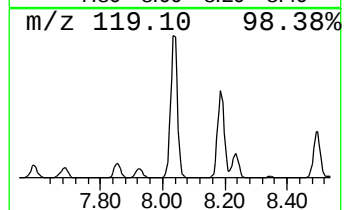
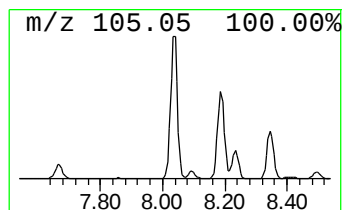
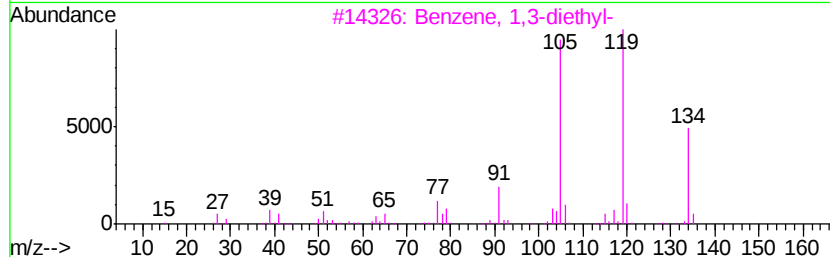
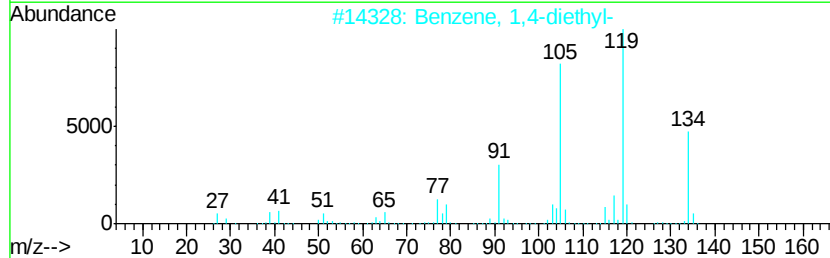
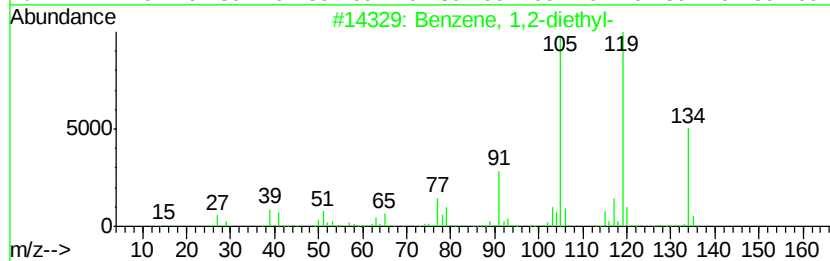
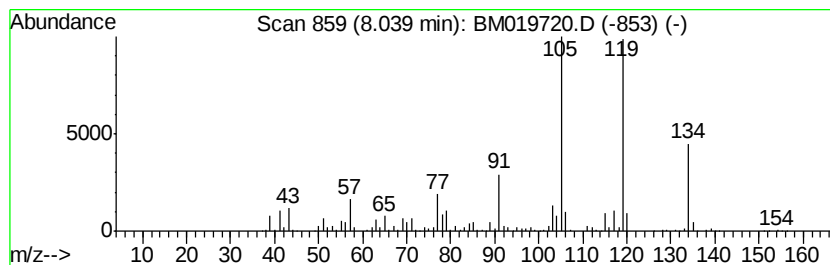
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	71.59 ng/ul	5544890	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
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ClientSampleId :
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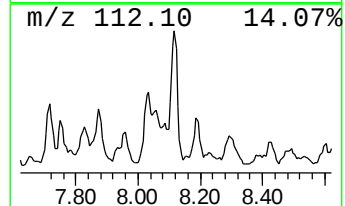
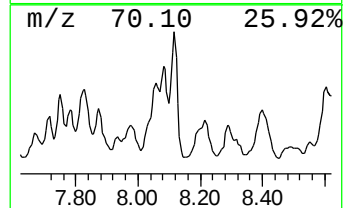
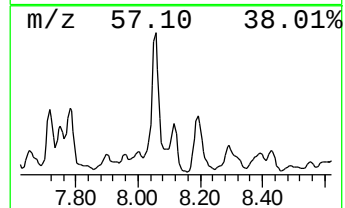
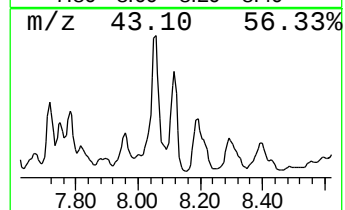
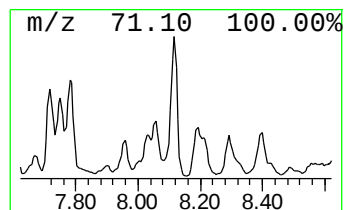
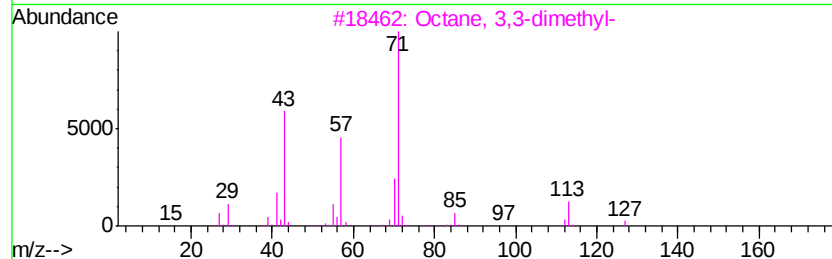
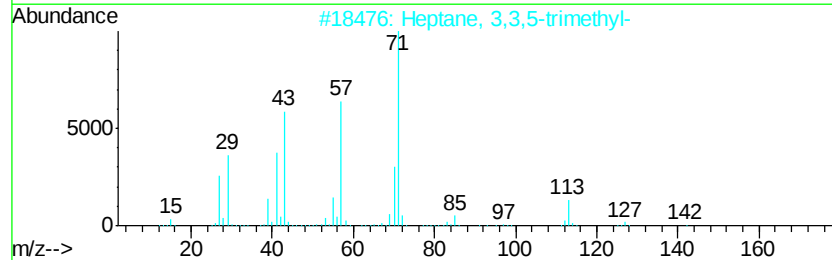
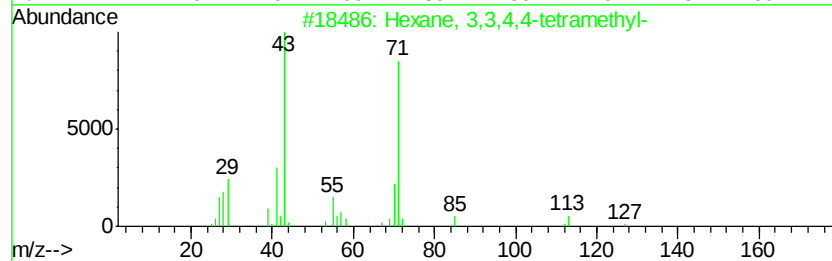
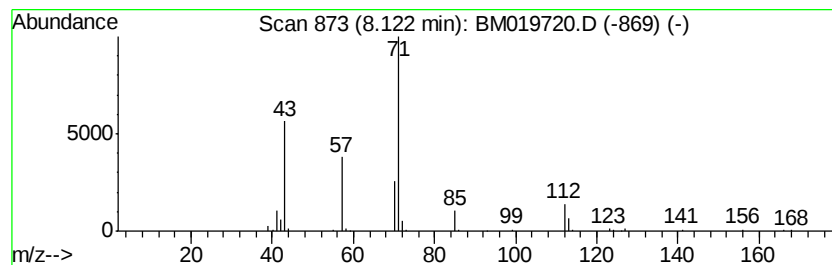
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	16.10 ng/ul	1247030	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	72
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4		1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	59
5		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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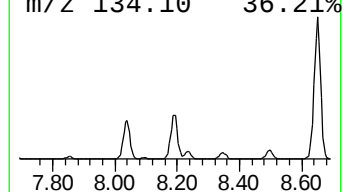
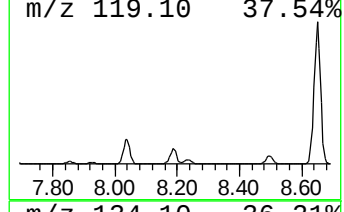
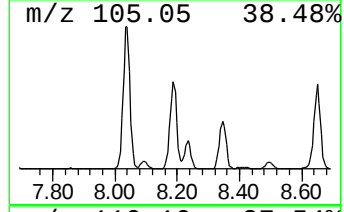
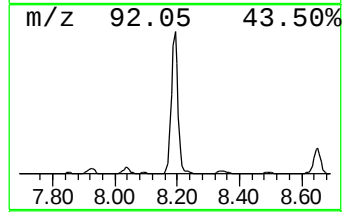
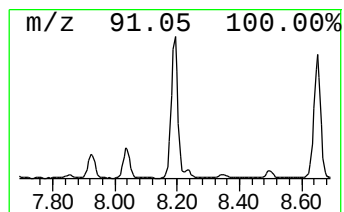
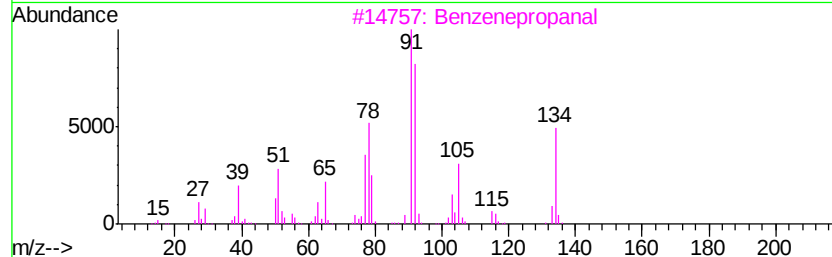
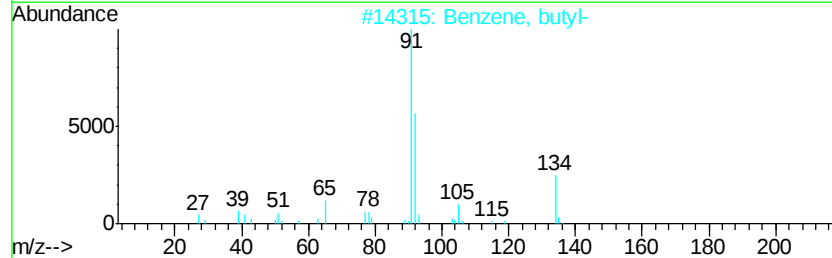
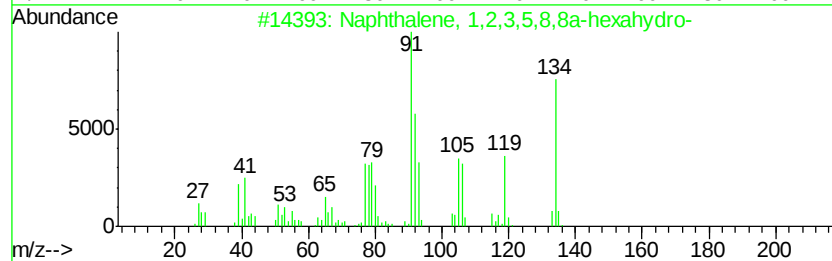
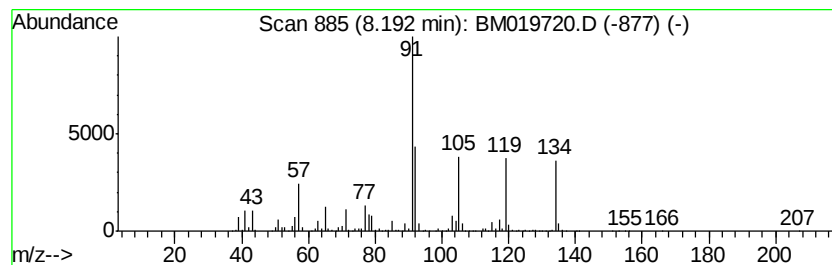
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 1,2,3,5,8,8a-h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	64.55 ng/ul	5000230	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,5,8,8a-hexahy...	134	C10H14	062690-65-7	86
2		Benzene, butyl-	134	C10H14	000104-51-8	58
3		Benzenepropanal	134	C9H10O	000104-53-0	58
4		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	52
5		Benzene, butyl-	134	C10H14	000104-51-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
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ClientSampleId :
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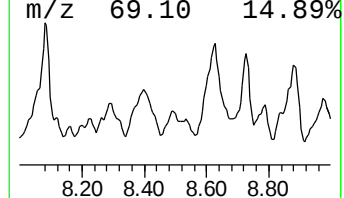
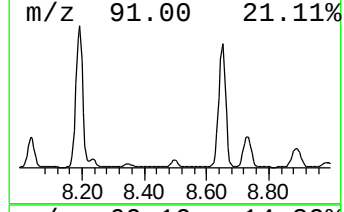
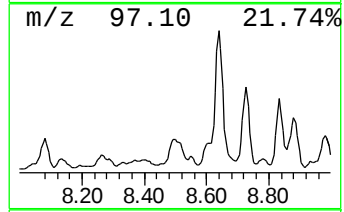
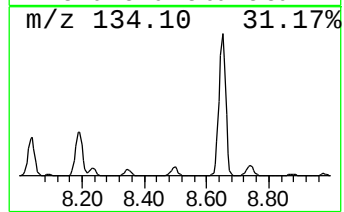
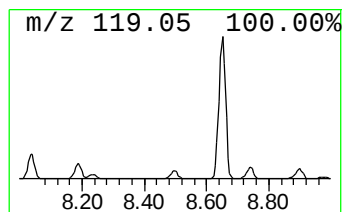
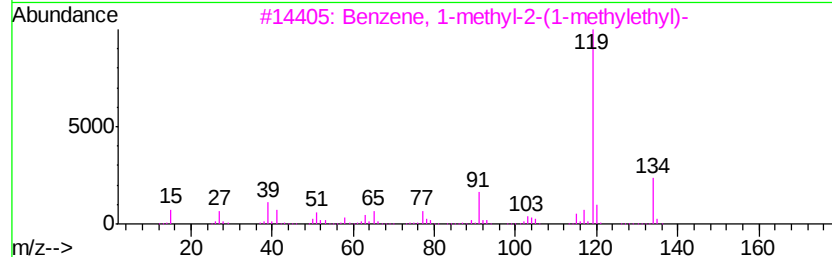
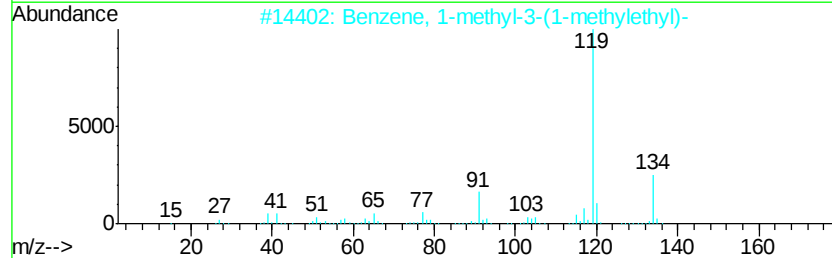
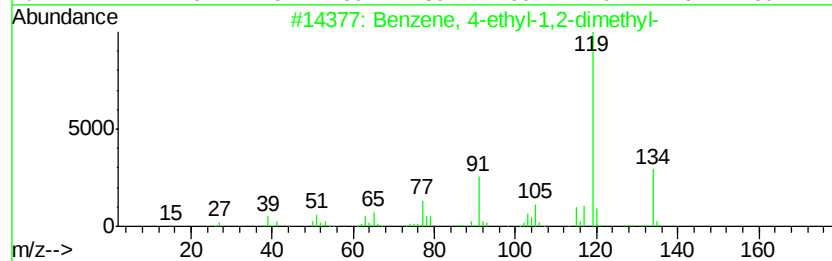
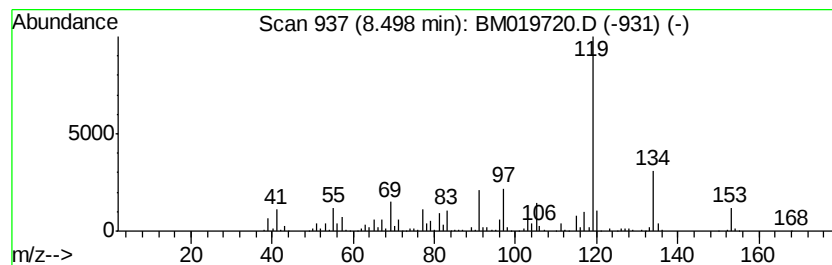
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	15.90 ng/ul	1231740	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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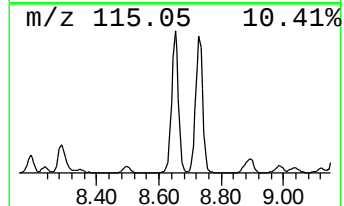
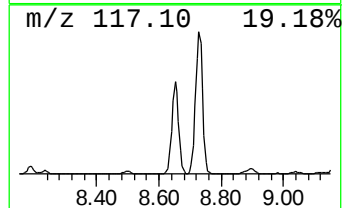
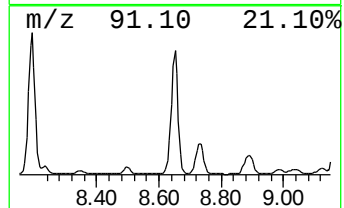
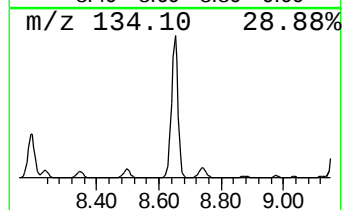
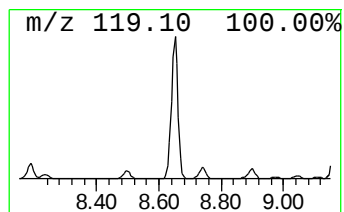
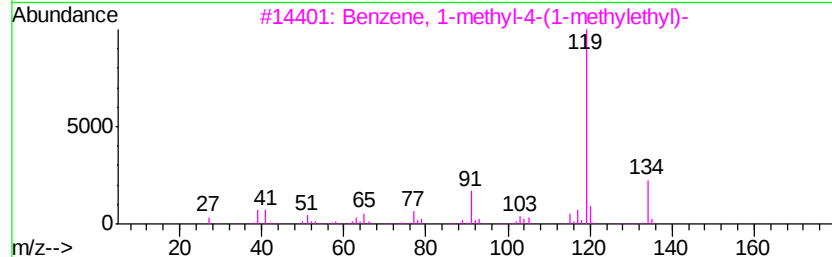
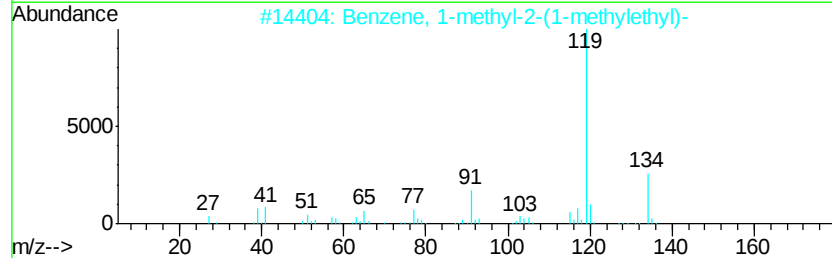
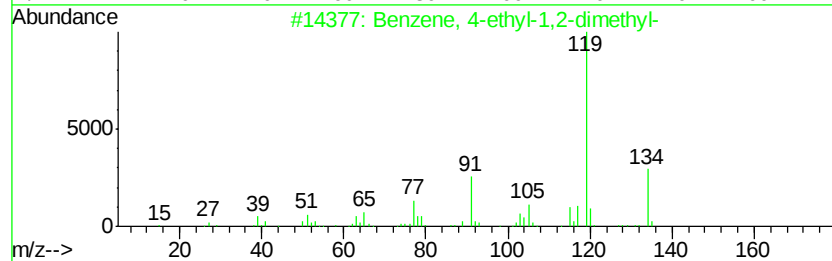
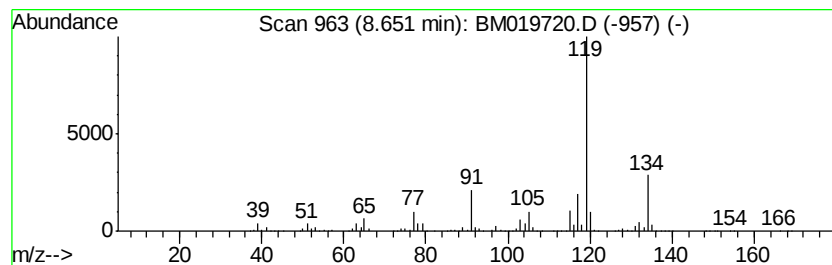
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Benzene, 1-methyl-2-(1-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	172.80 ng/ul	13384900	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Misc :
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Instrument :
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ClientSampleId :
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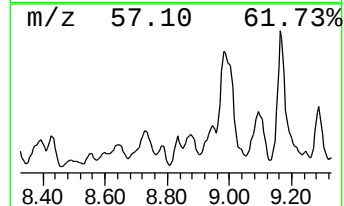
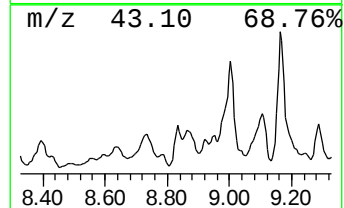
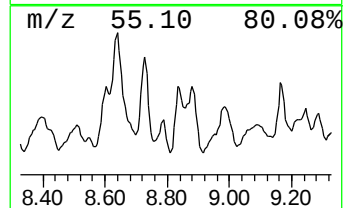
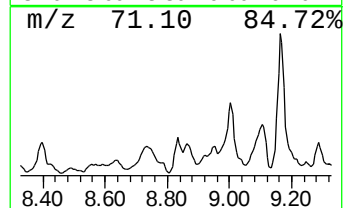
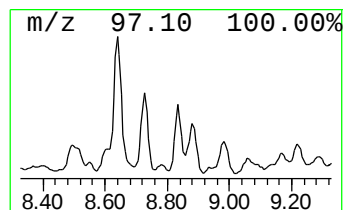
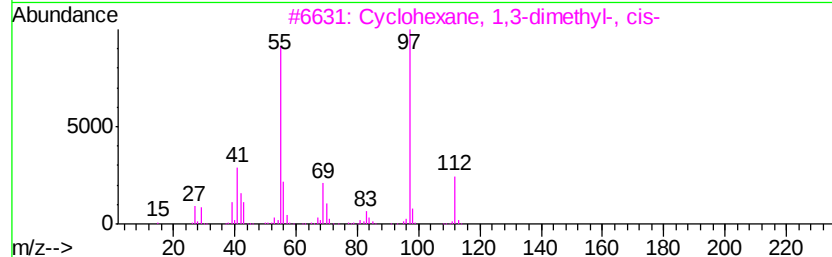
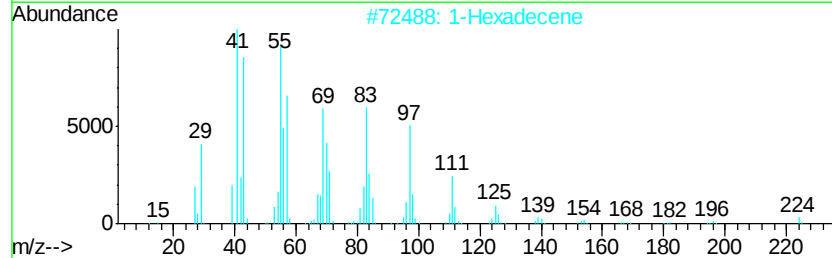
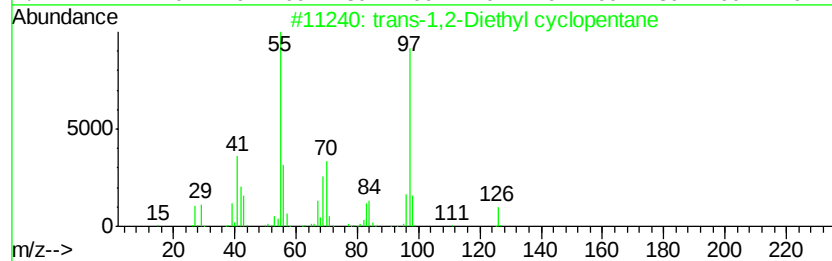
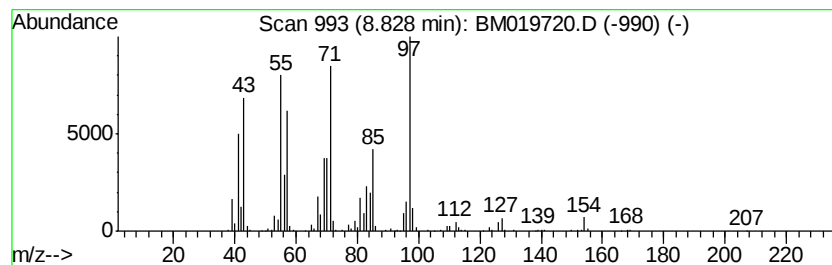
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Cyclic8.83 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	16.97 ng/ul	1314170	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	35
2		1-Hexadecene	224	C16H32	000629-73-2	35
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	25
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	25
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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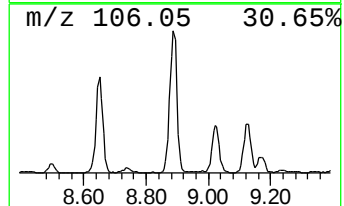
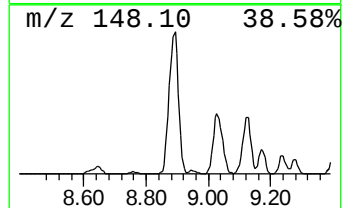
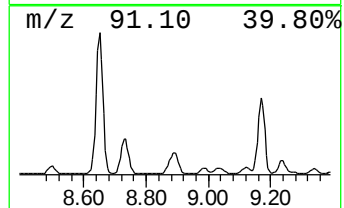
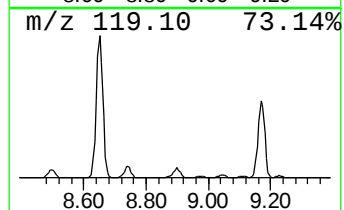
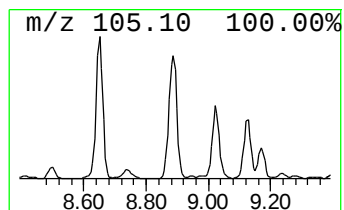
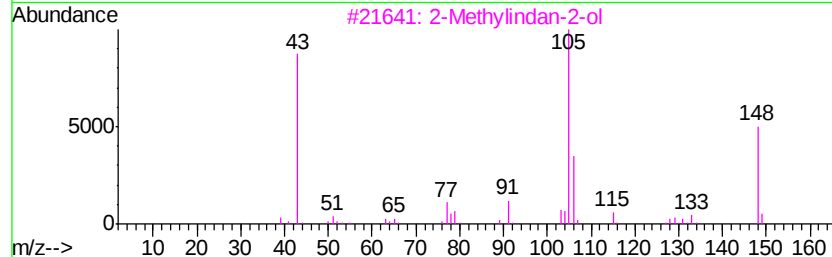
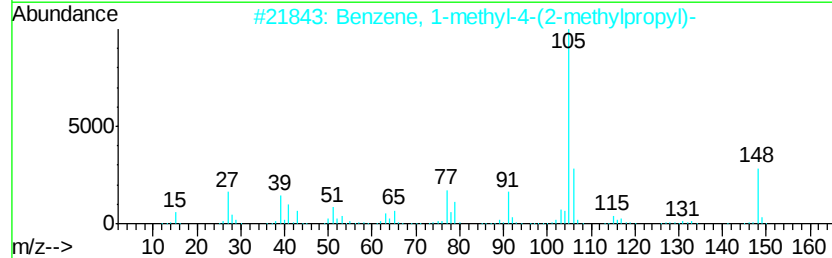
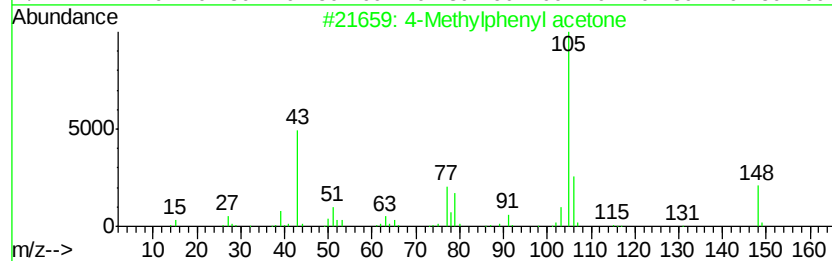
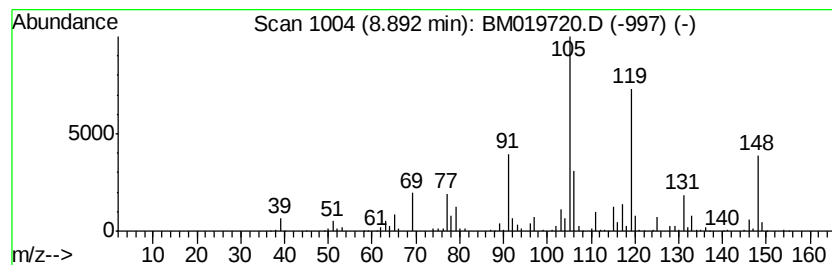
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	44.94 ng/ul	3480880	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	45
3		2-Methylindan-2-ol	148	C10H12O	033223-84-6	30
4		3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	27
5		Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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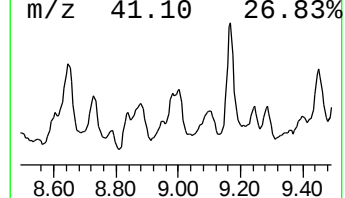
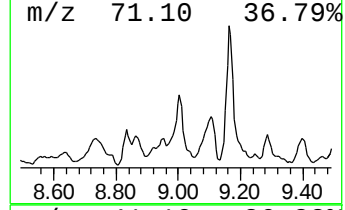
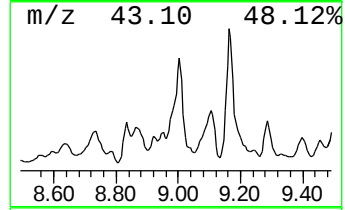
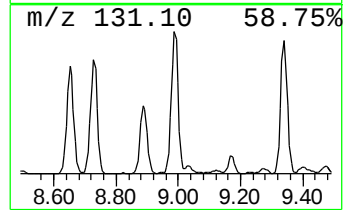
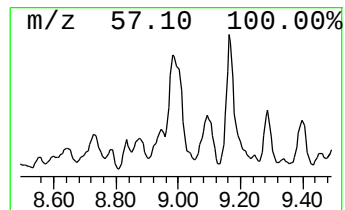
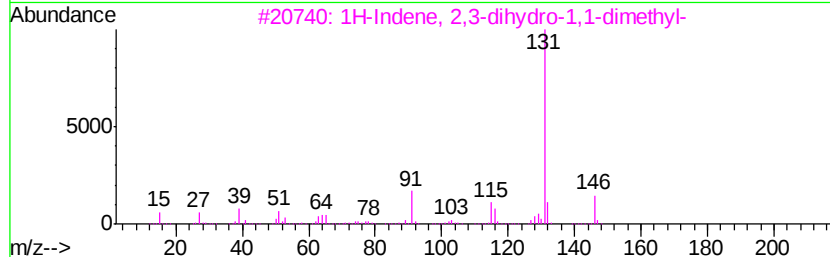
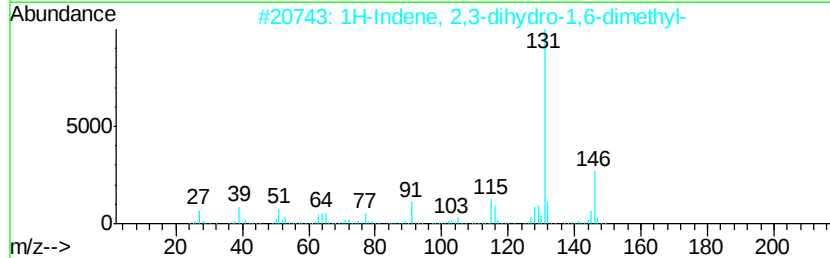
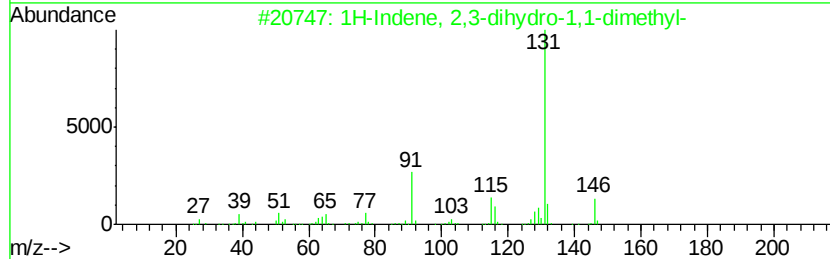
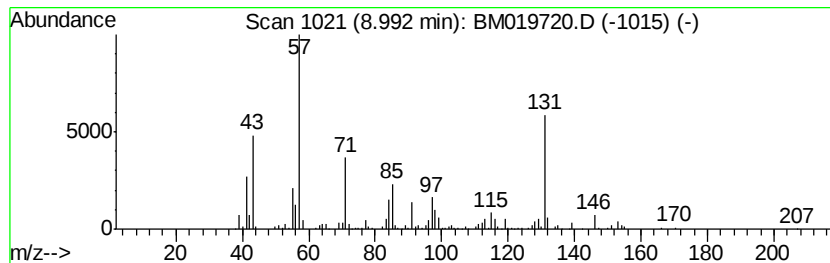
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-03 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	5.36 ng/ul	2006250	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	42
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	38
3		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	38
4		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	30
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	30



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Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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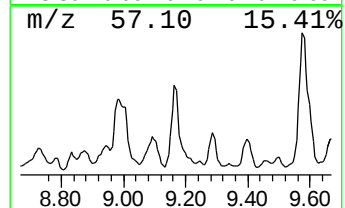
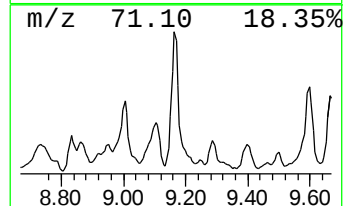
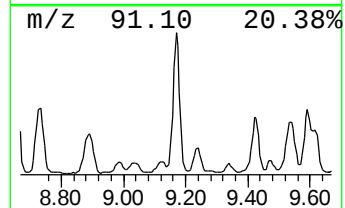
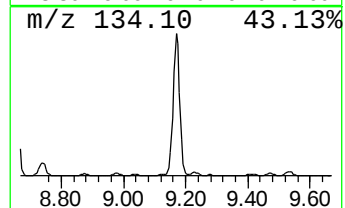
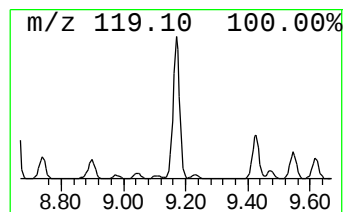
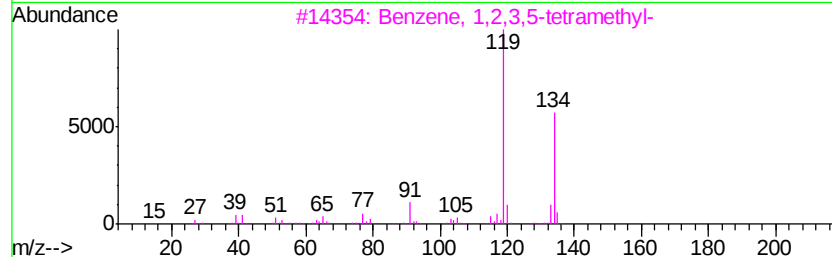
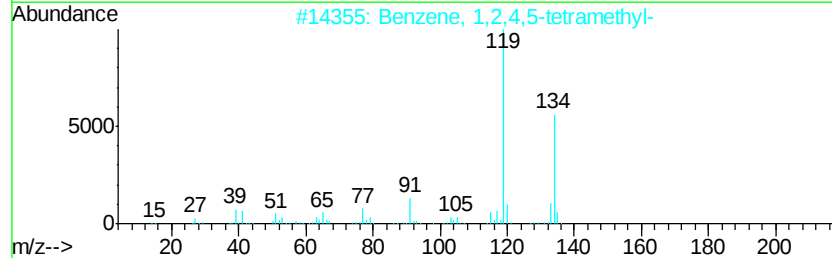
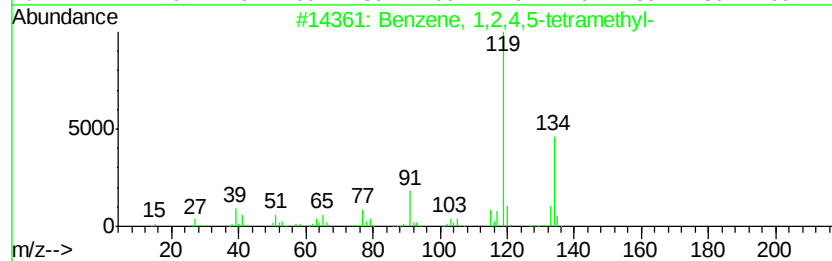
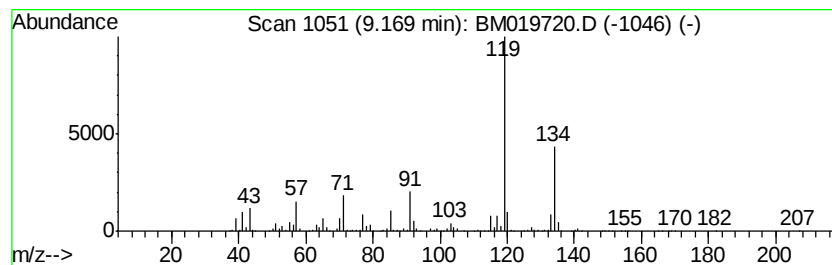
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	19.91 ng/ul	7457070	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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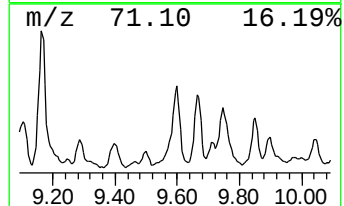
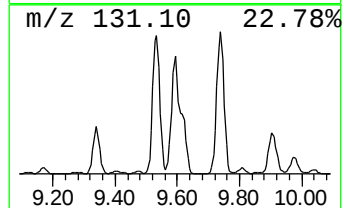
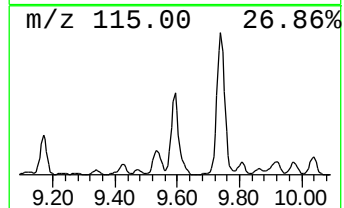
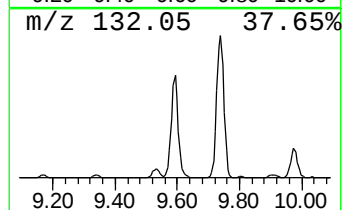
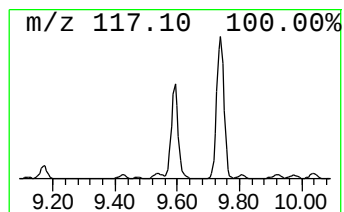
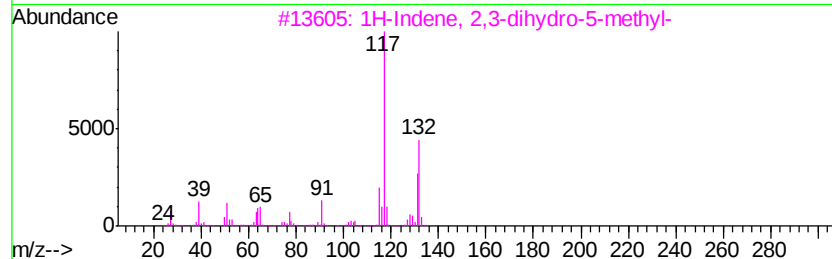
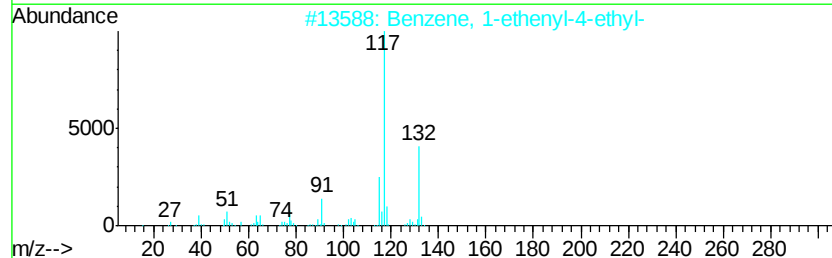
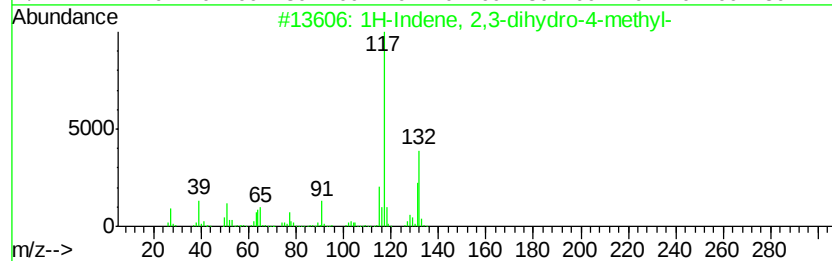
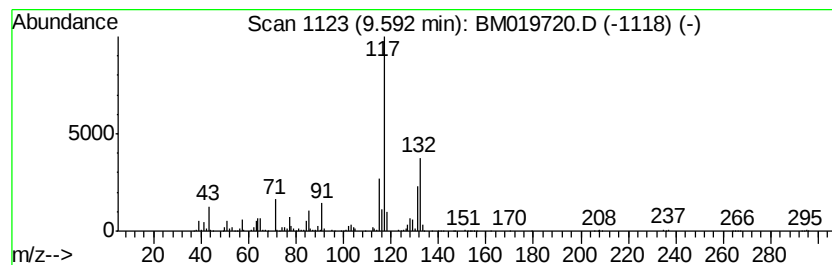
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	17.86 ng/ul	6690110	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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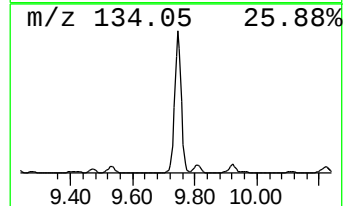
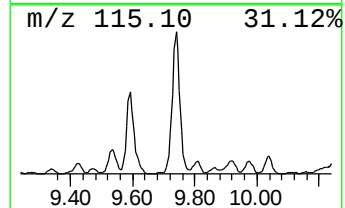
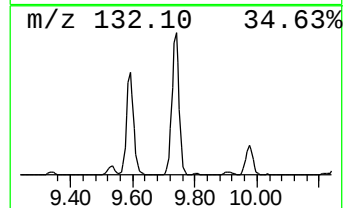
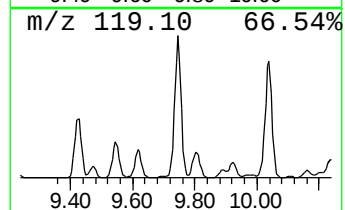
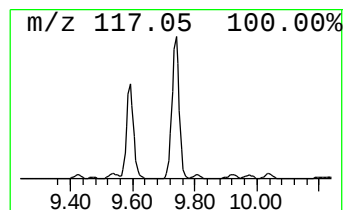
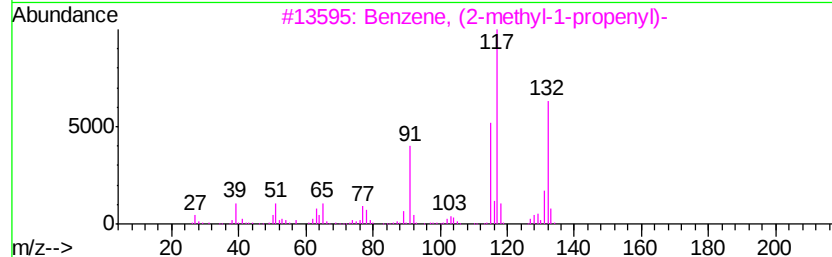
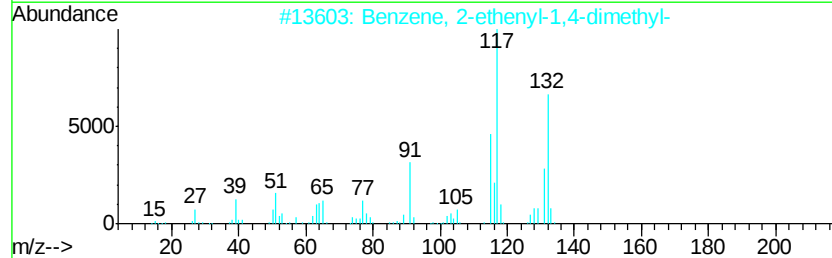
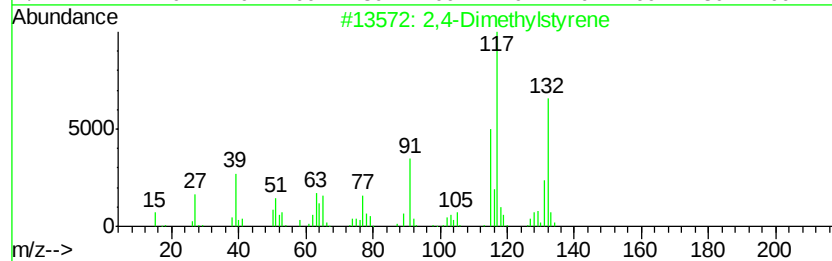
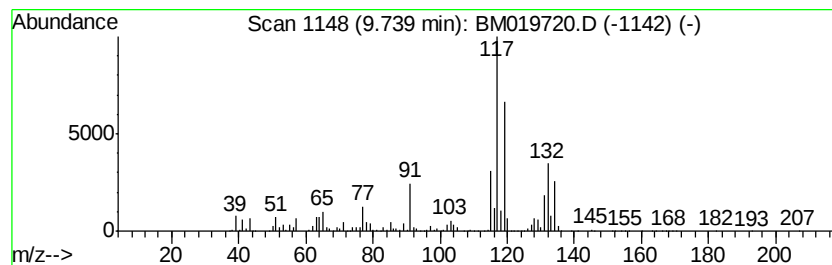
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 2,4-Dimethylstyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	31.74 ng/ul	11889500	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
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ClientSampleId :
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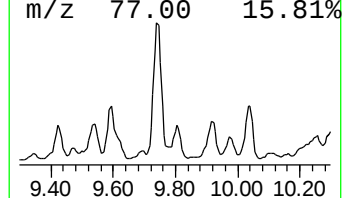
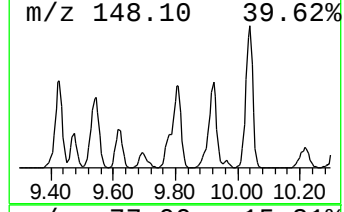
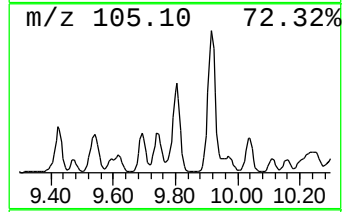
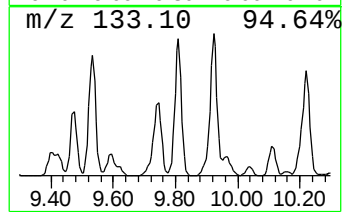
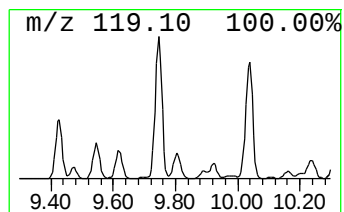
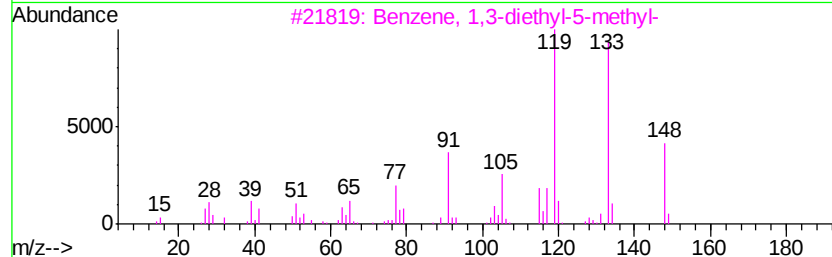
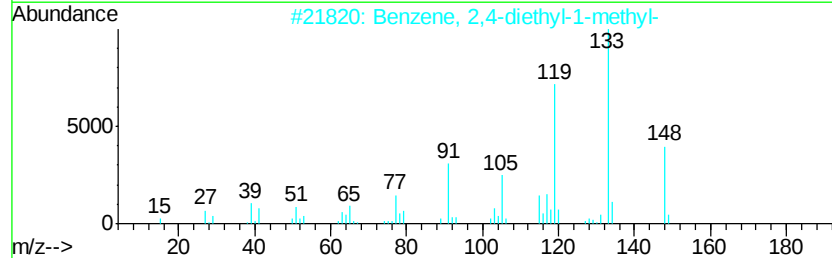
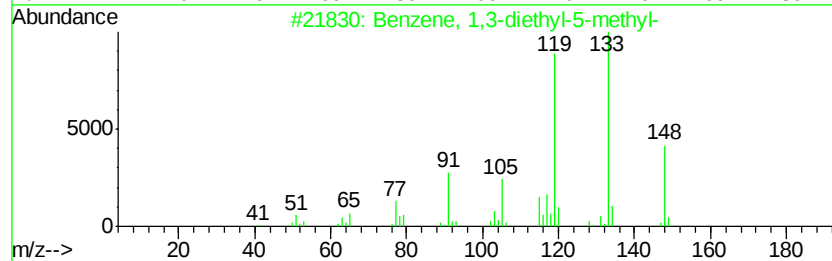
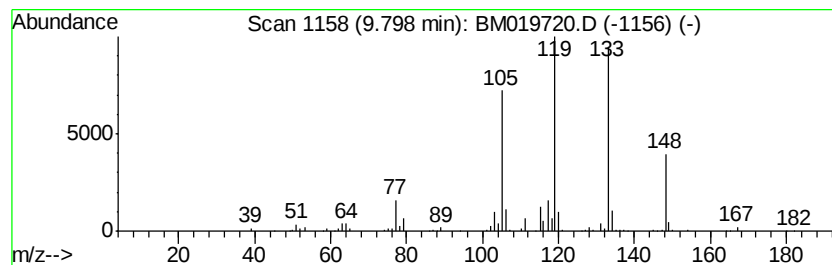
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	3.79 ng/ul	1421270	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	97
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	96
3		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
4		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
5		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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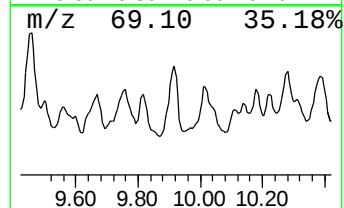
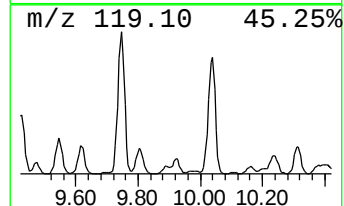
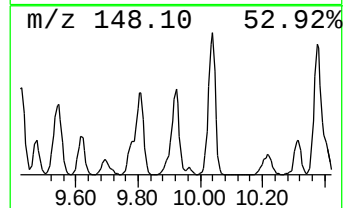
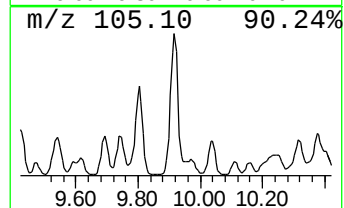
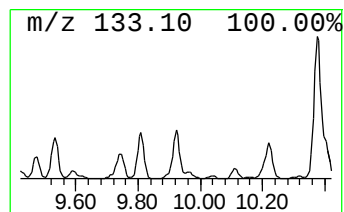
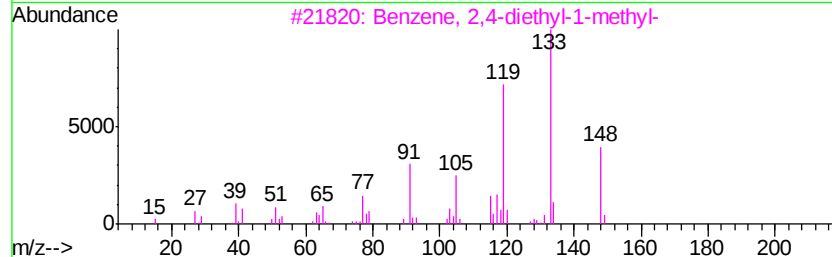
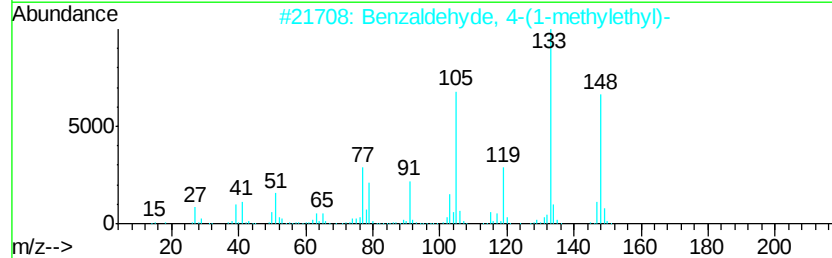
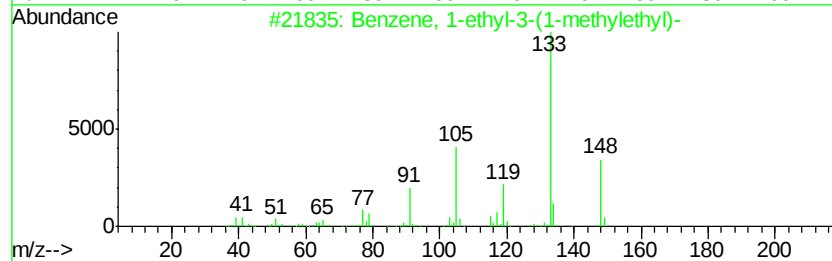
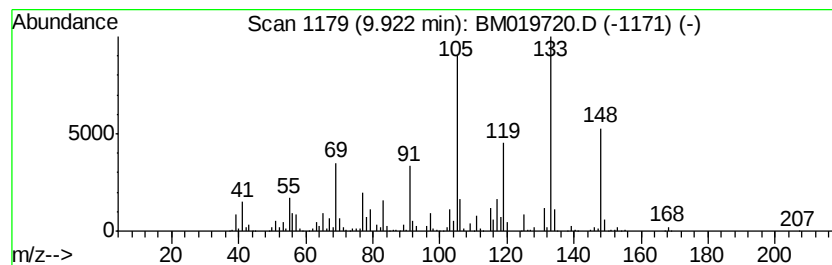
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	8.71 ng/ul	3260840	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	76
2		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	76
3		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	76
4		Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	70
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
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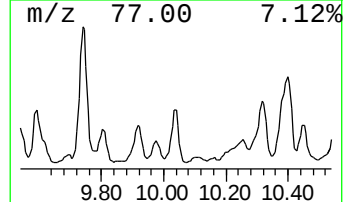
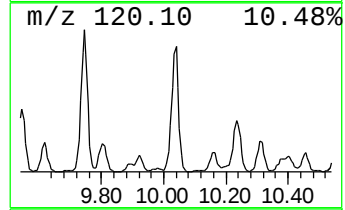
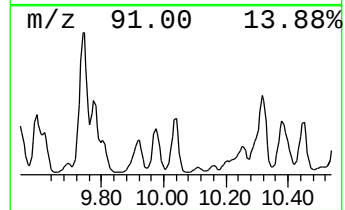
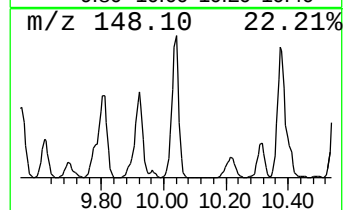
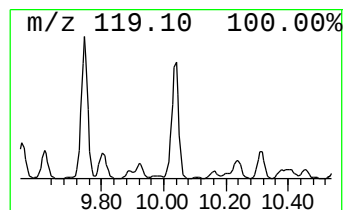
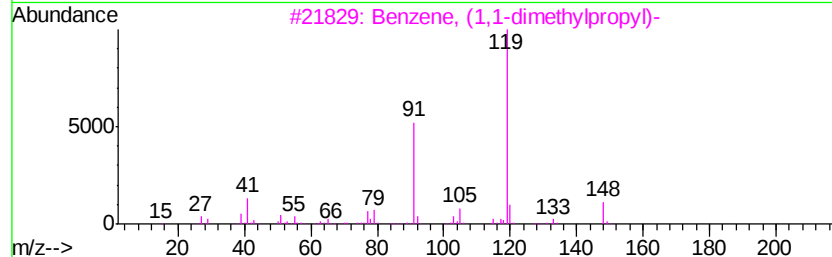
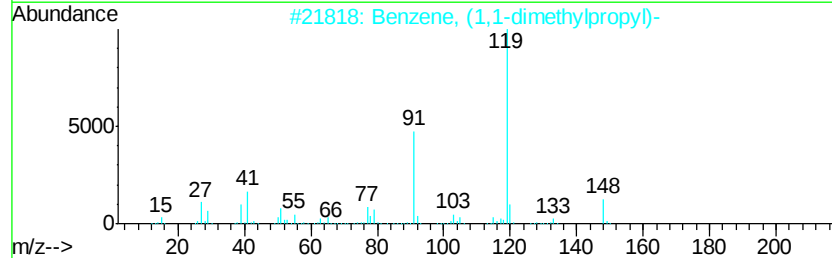
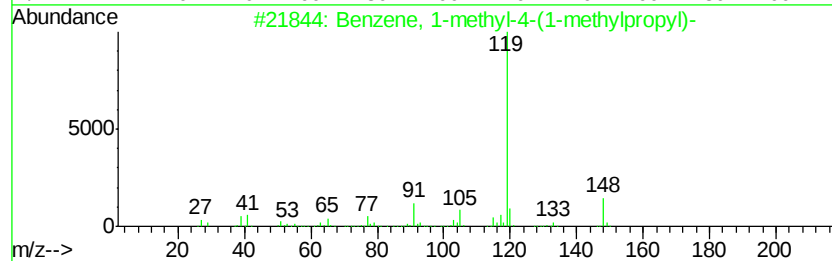
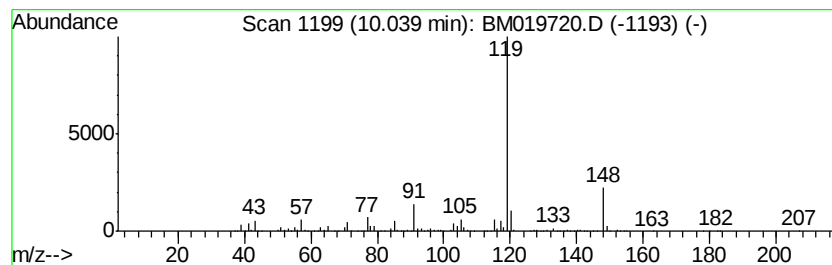
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Benzene, 1-methyl-4-(1-meth... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	10.81 ng/ul	4050470	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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ALS Vial : 29 Sample Multiplier: 1

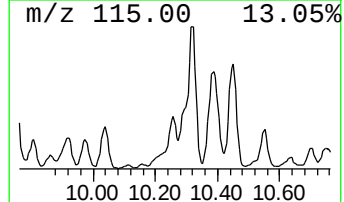
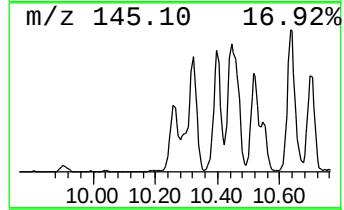
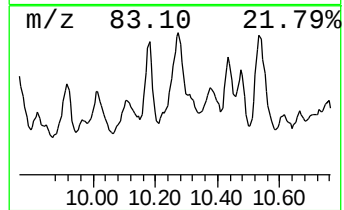
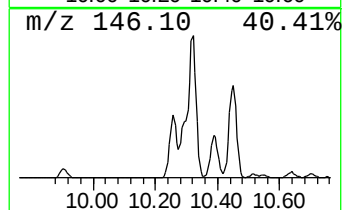
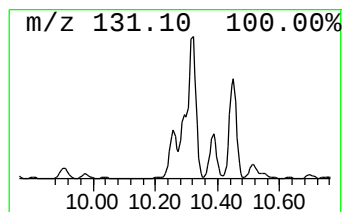
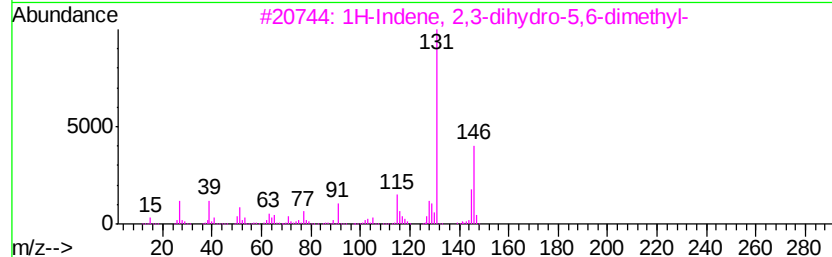
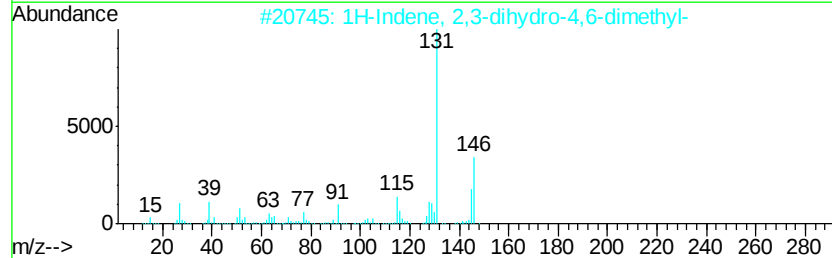
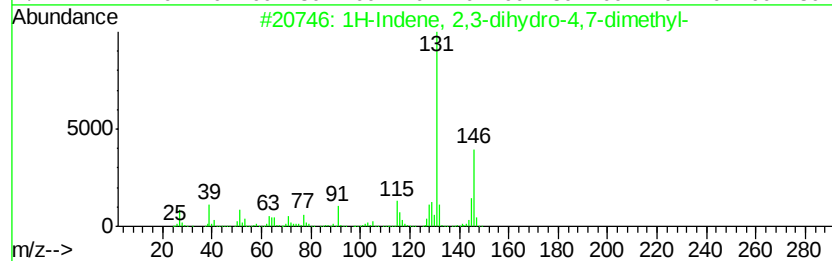
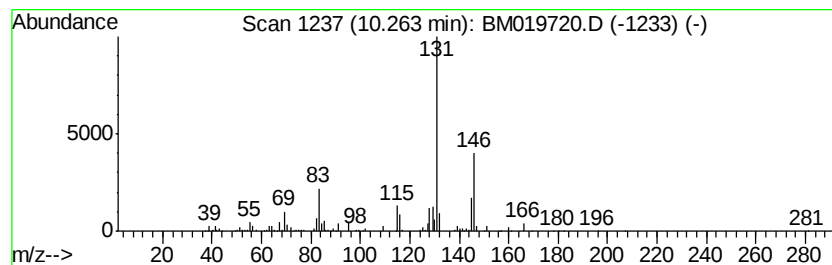
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.26	3.62 ng/ul	1356080	Naphthalene-d8	10.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97	
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94	
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94	
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94	
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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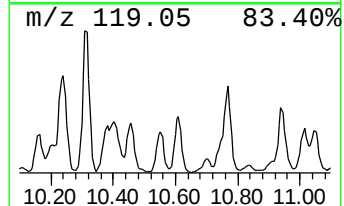
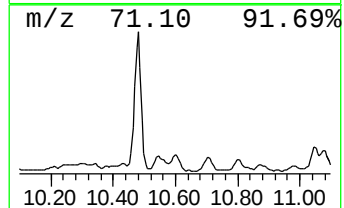
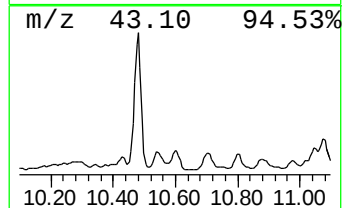
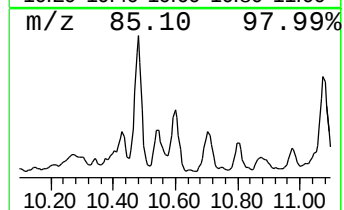
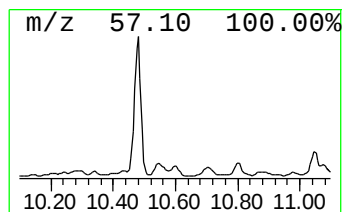
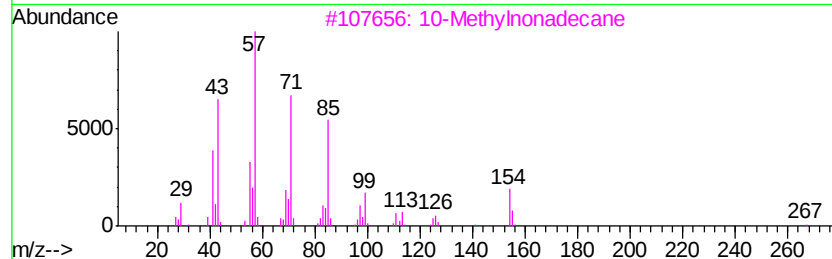
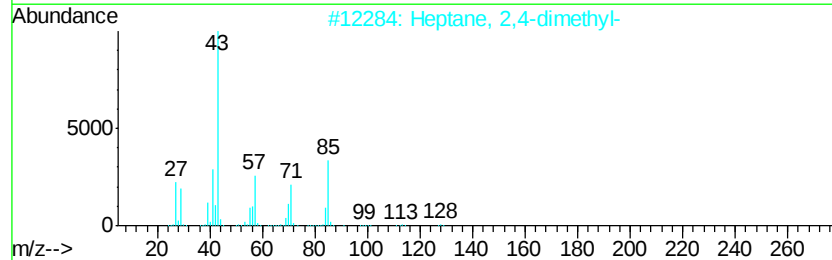
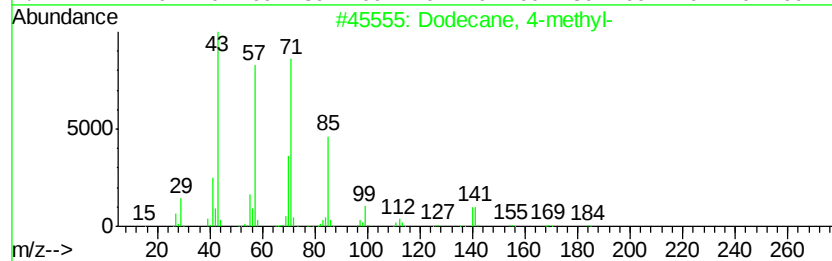
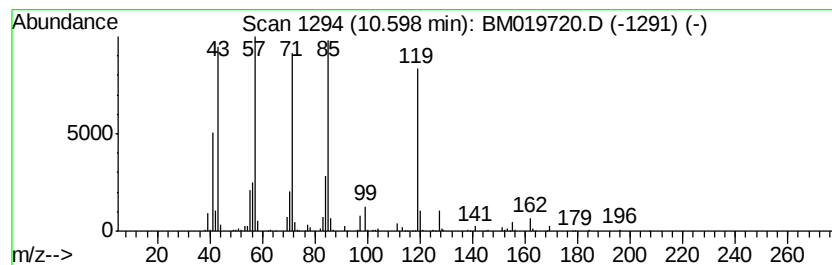
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	3.15 ng/ul	1178140	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
3			10-Methylnonadecane	282	C20H42	056862-62-5	35
4			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	25
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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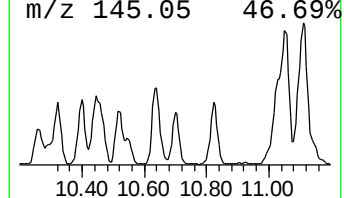
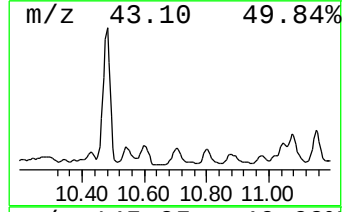
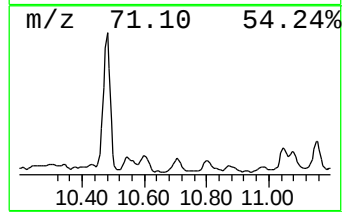
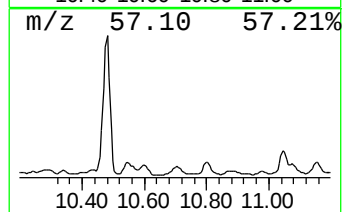
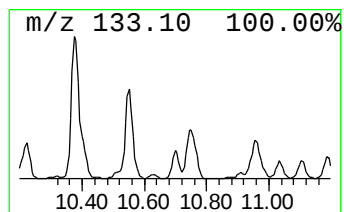
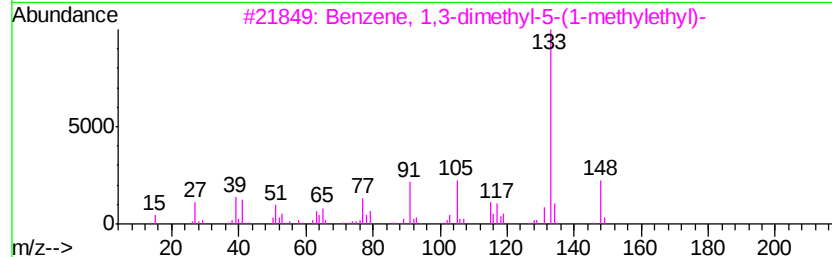
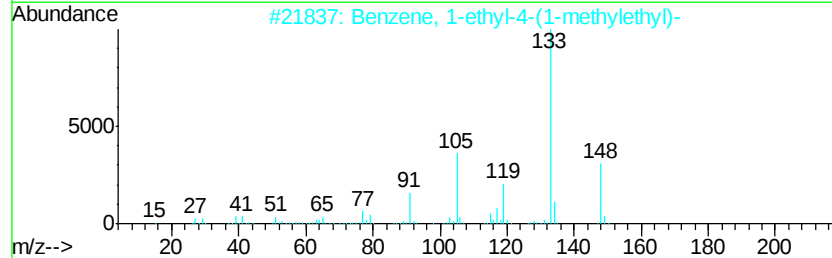
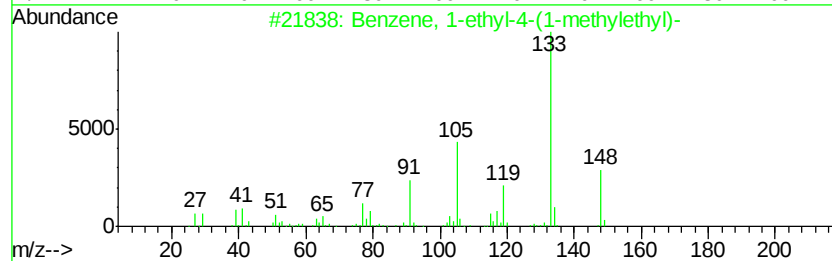
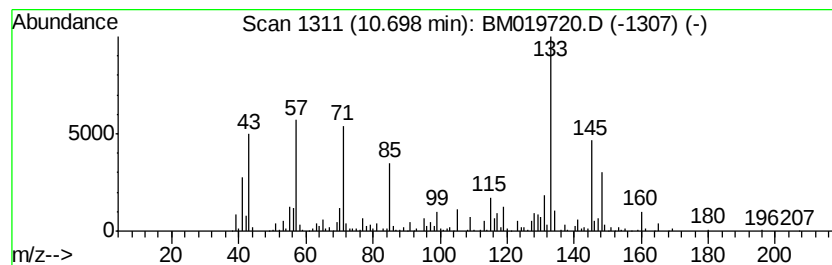
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 unknown-04 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	4.05 ng/ul	1515680	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	42
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	42
3		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	38
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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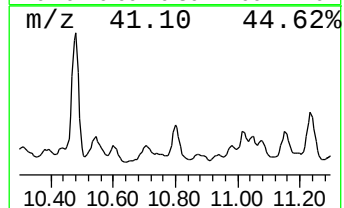
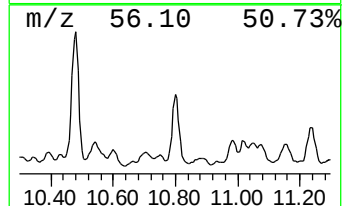
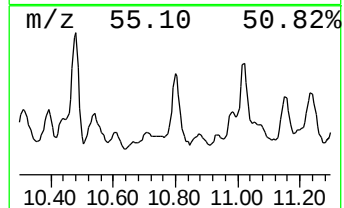
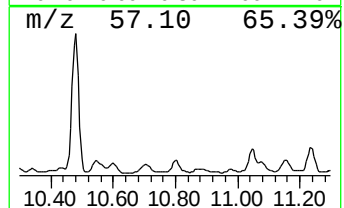
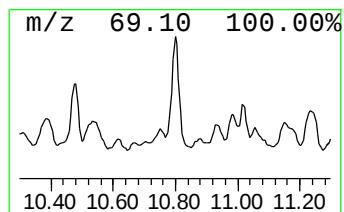
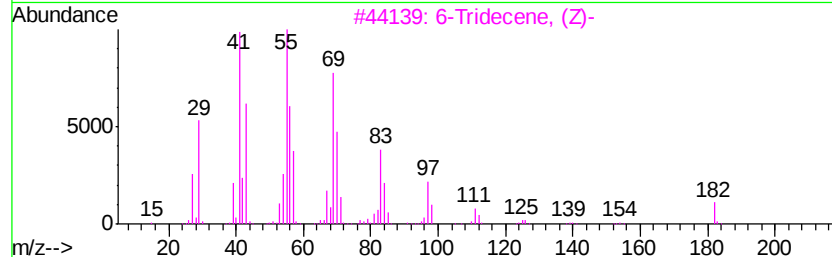
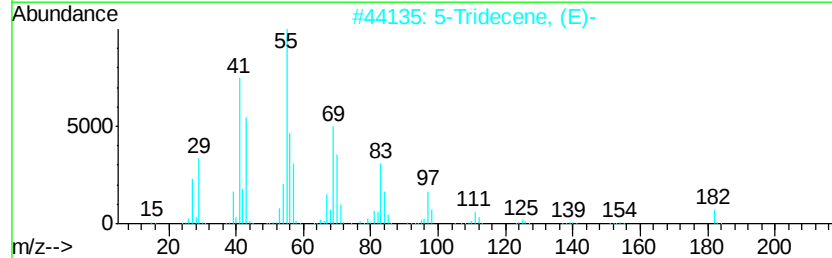
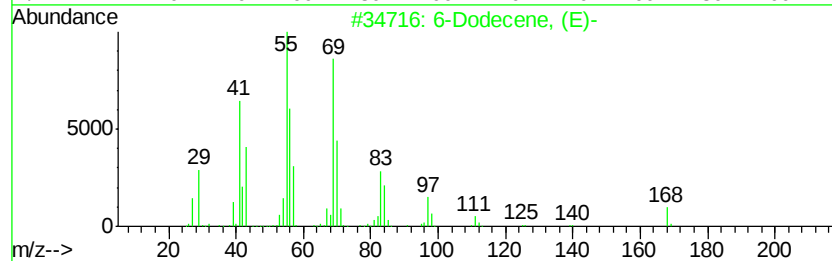
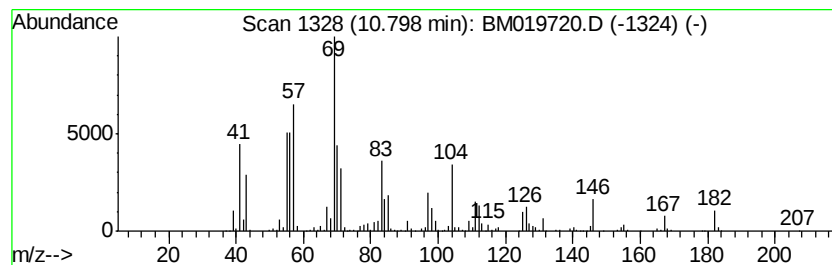
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Cyclic10.80 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	8.67 ng/ul	3247540	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecene, (E)-			168	C12H24	007206-17-9	62
2	5-Tridecene, (E)-			182	C13H26	023051-84-5	50
3	6-Tridecene, (Z)-			182	C13H26	006508-77-6	50
4	Cyclopropane, 1-butyl-2-pentyl-, ...			168	C12H24	074663-88-0	46
5	2-Dodecene, 2-methyl-			182	C13H26	055103-82-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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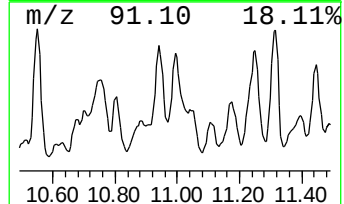
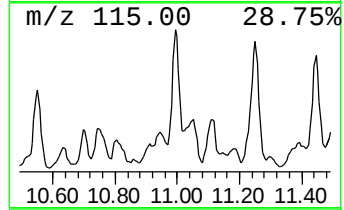
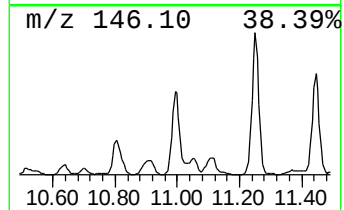
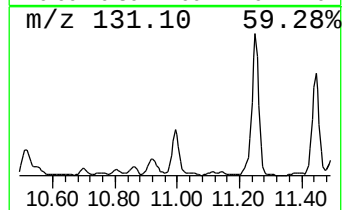
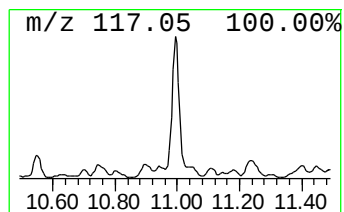
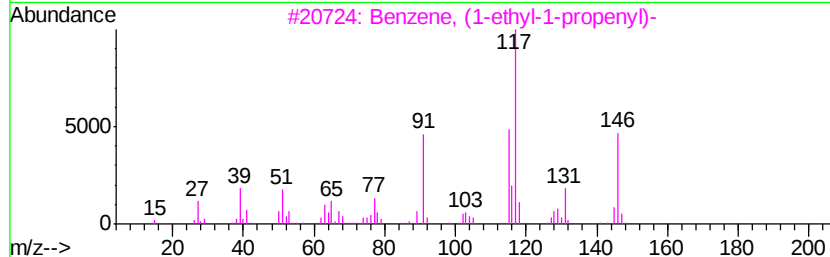
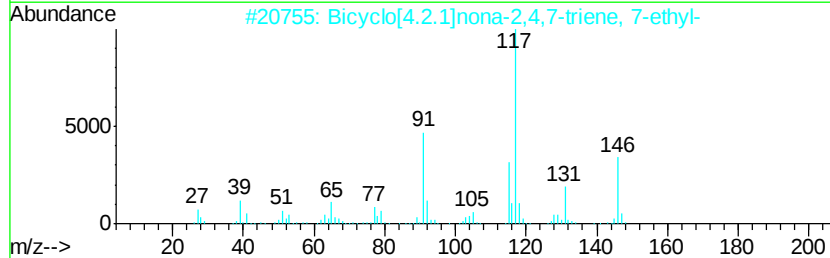
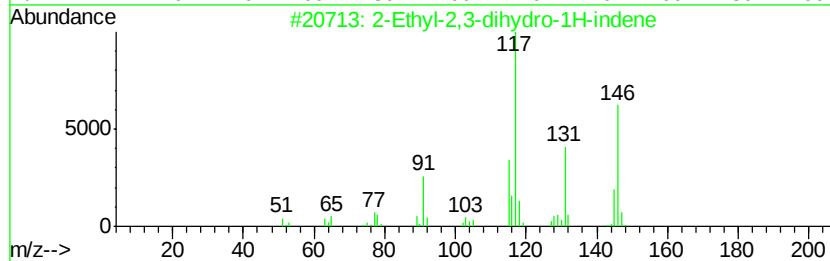
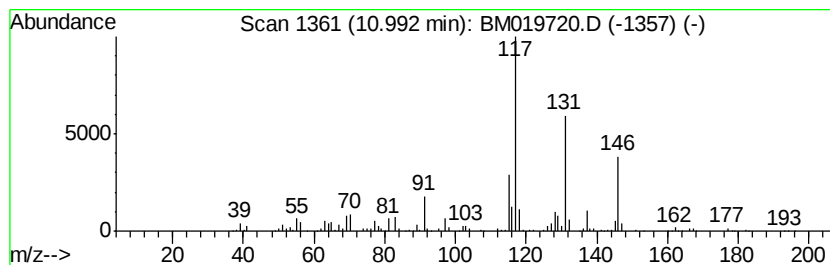
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	3.38 ng/ul	1264470	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	74
2		Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	68
3		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60
4		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
5		1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF641

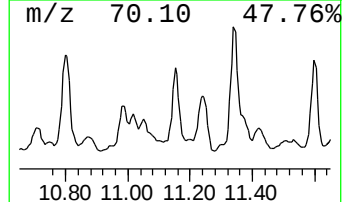
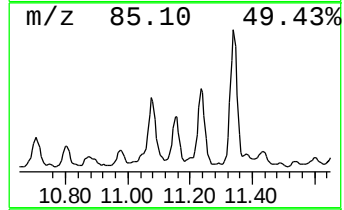
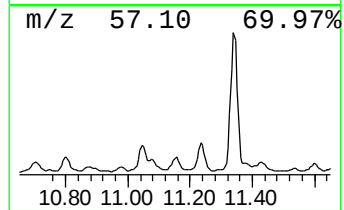
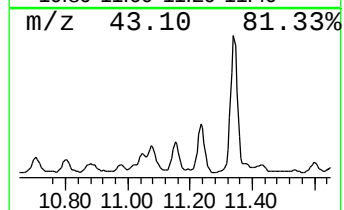
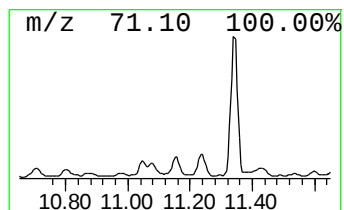
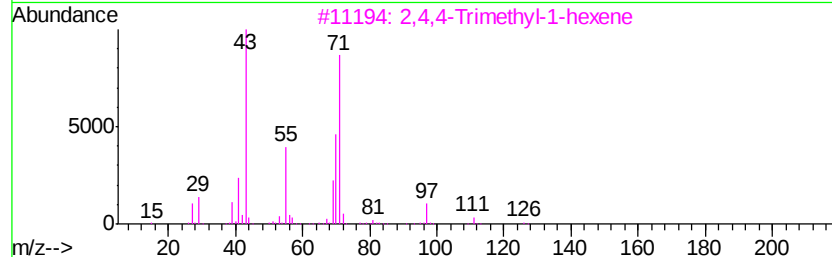
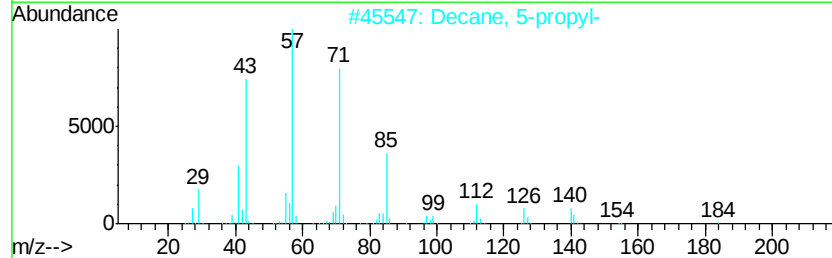
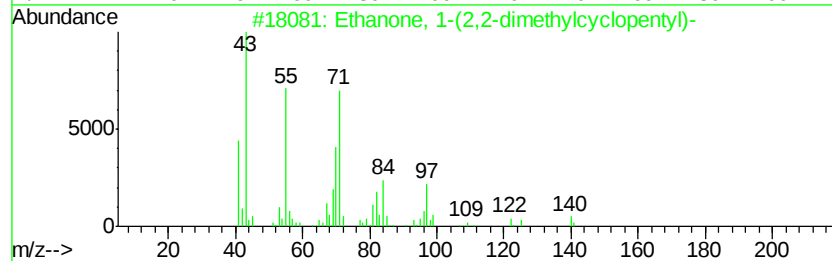
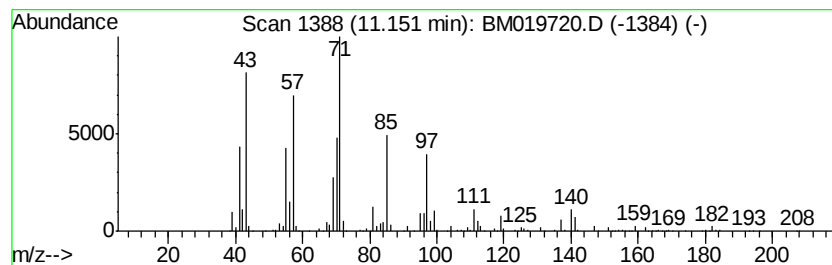
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 Ethanone, 1-(2,2-dimethylcy... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	5.49 ng/ul	2055820	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	62
2			Decane, 5-propyl-	184	C13H28	017312-62-8	49
3			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
5			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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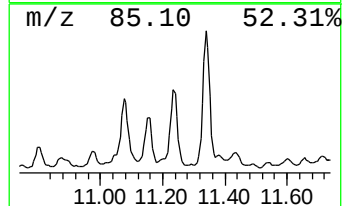
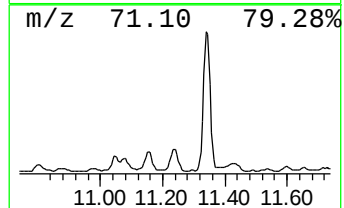
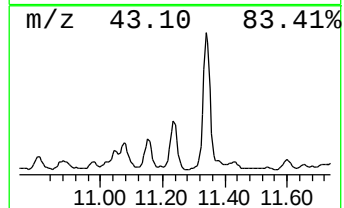
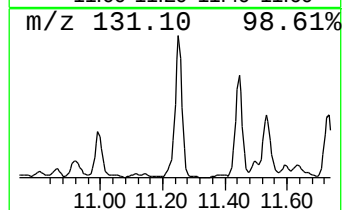
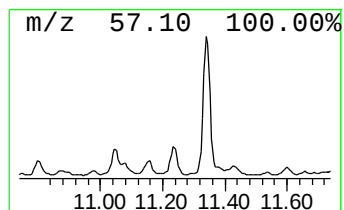
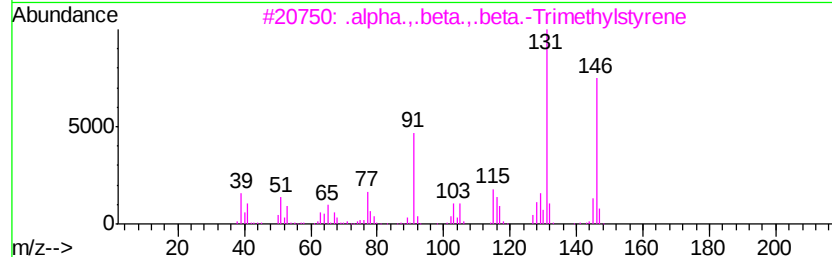
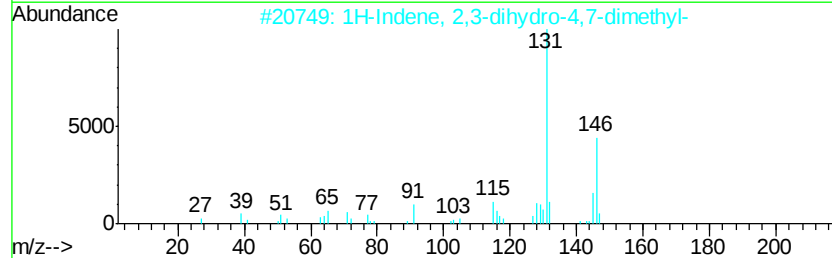
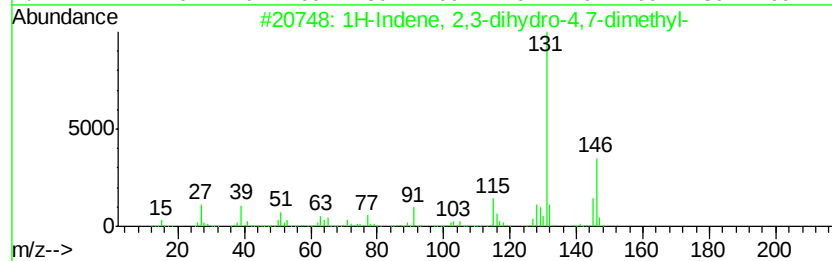
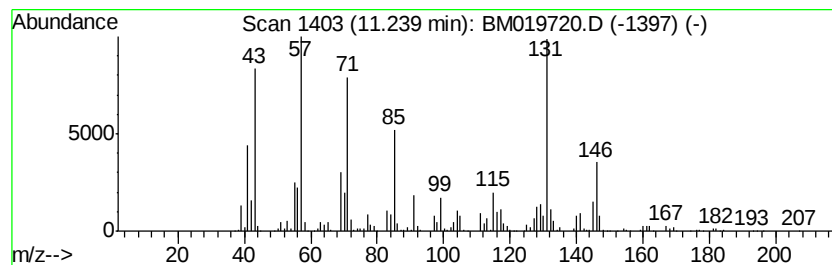
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 .alpha.,.beta.,.beta.-Trime... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	14.35 ng/ul	5373280	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	87
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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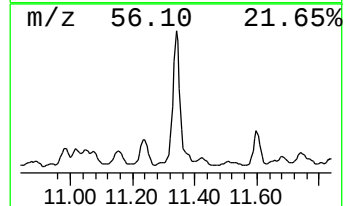
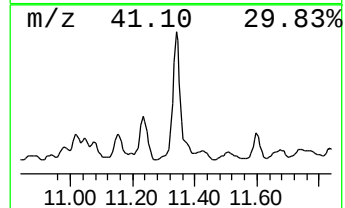
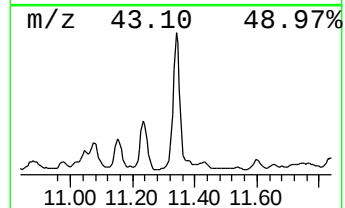
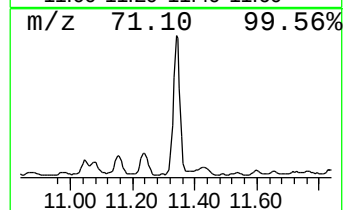
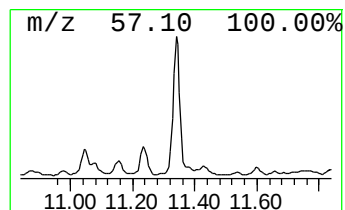
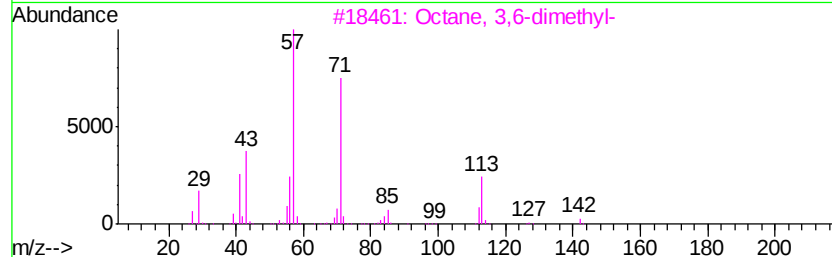
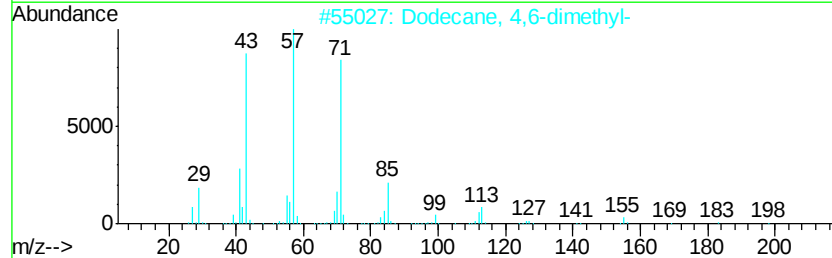
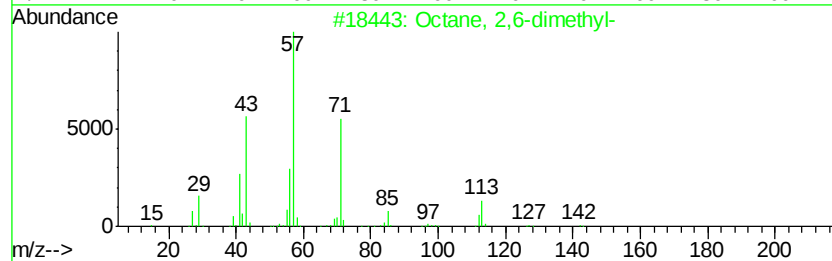
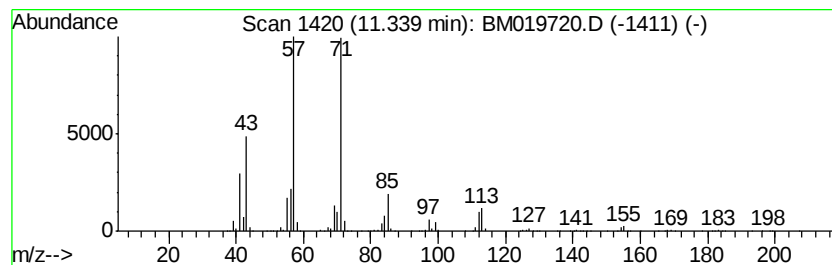
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	30.74 ng/ul	11513200	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4		Hexadecane	226	C16H34	000544-76-3	50
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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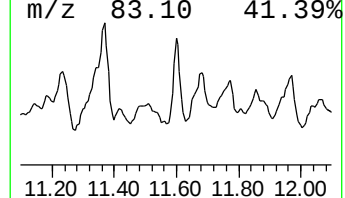
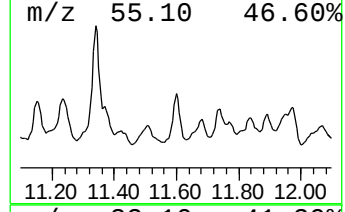
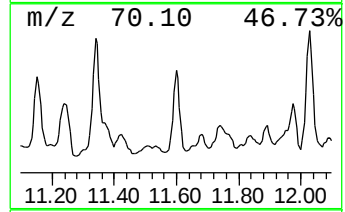
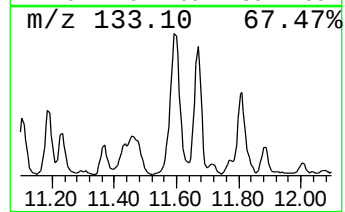
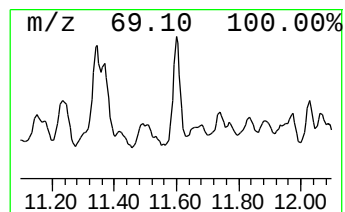
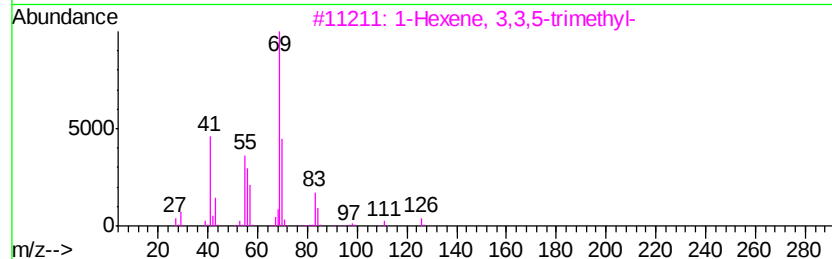
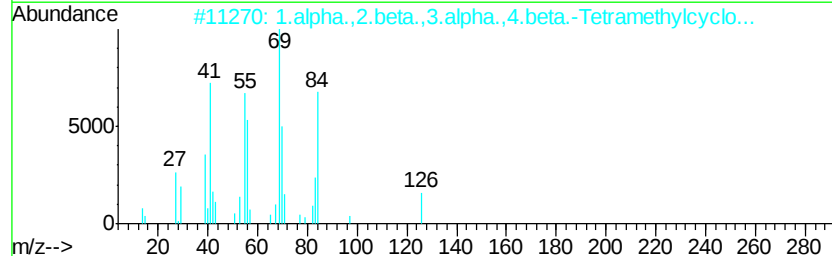
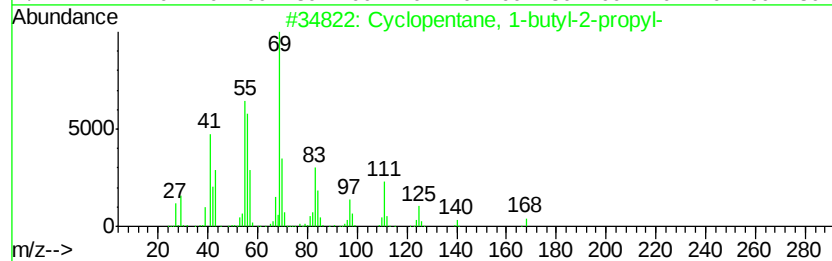
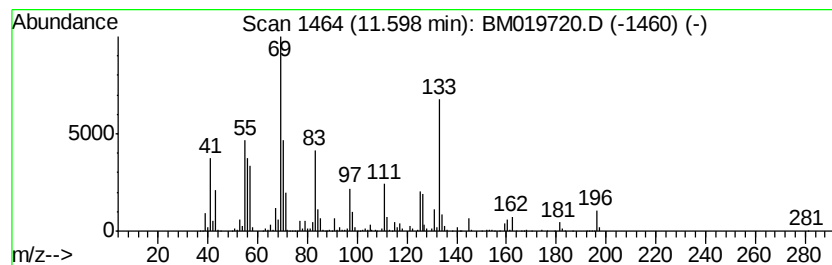
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Cyclic11.60 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	5.76 ng/ul	2155670	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	47
2			1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	43
3			1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	38
4			Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	35
5			cis-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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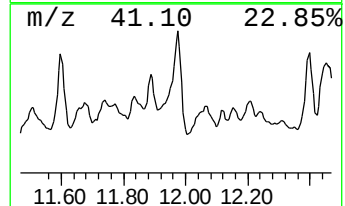
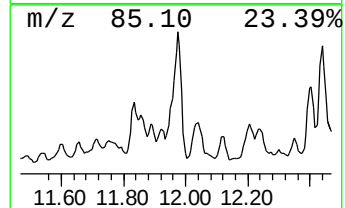
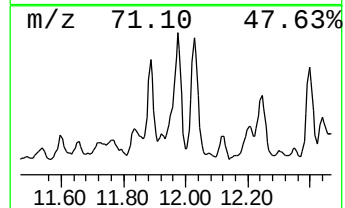
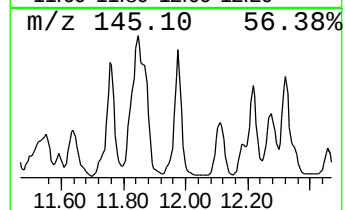
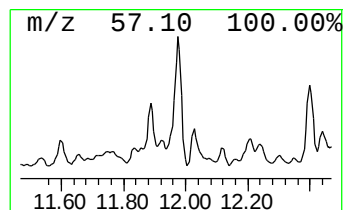
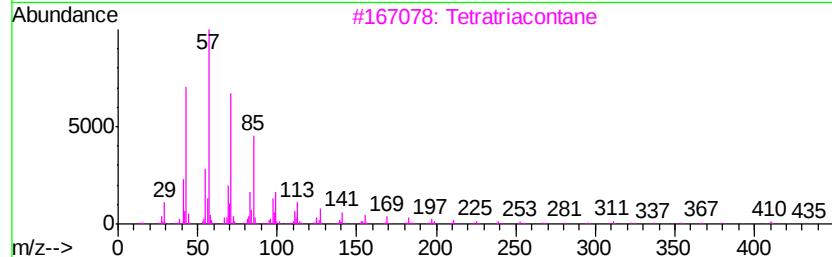
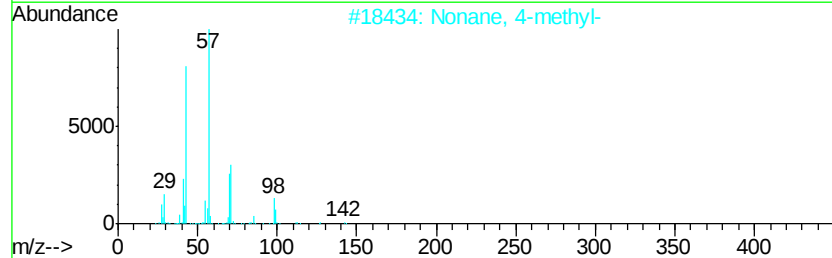
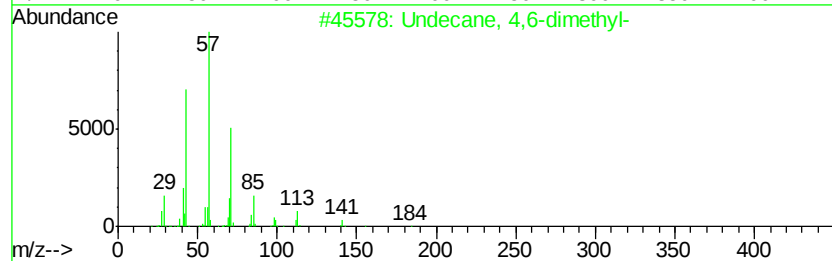
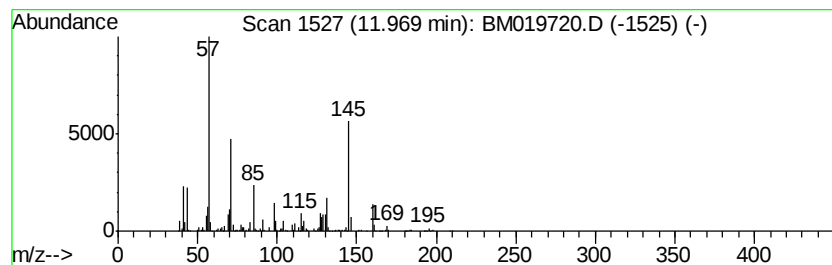
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.59 ng/ul	2092080	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	35
3			Tetratriacontane	479	C34H70	014167-59-0	35
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	30
5			Tridecane	184	C13H28	000629-50-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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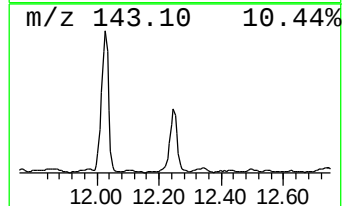
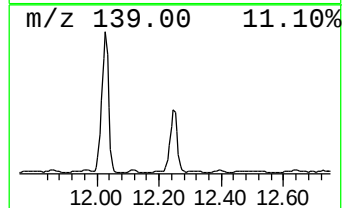
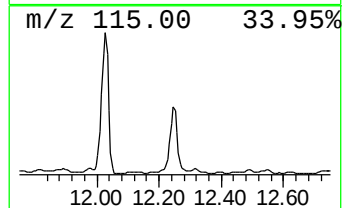
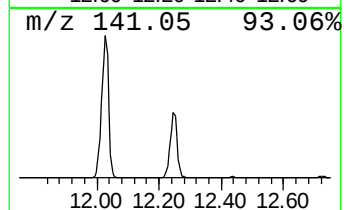
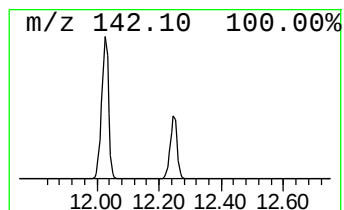
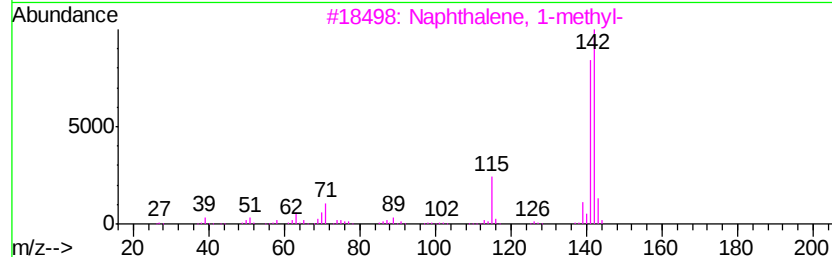
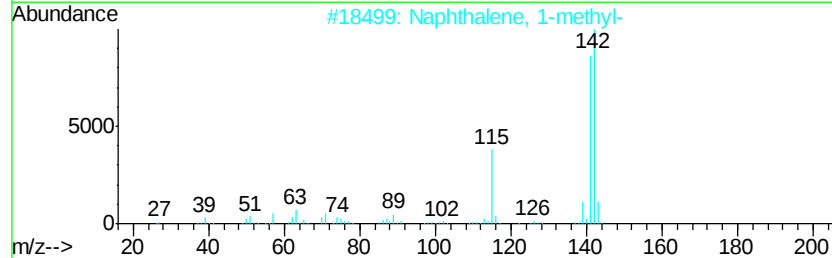
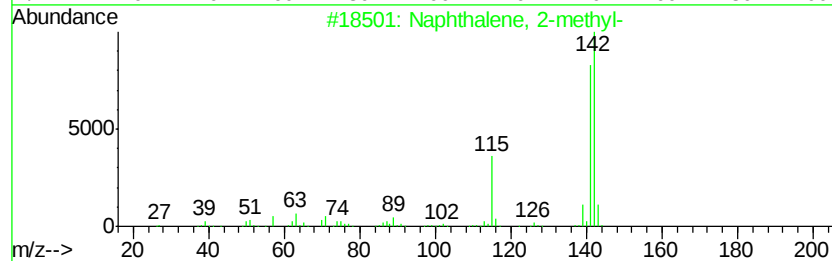
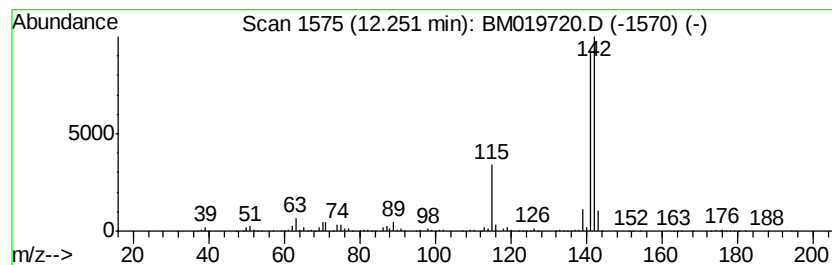
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 Naphthalene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	18.56 ng/ul	6953180	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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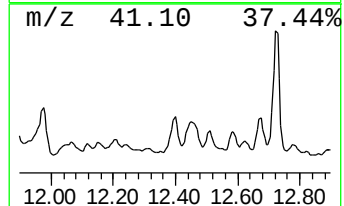
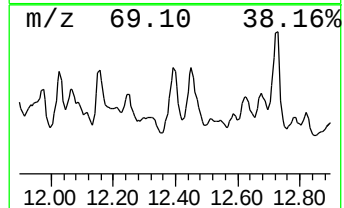
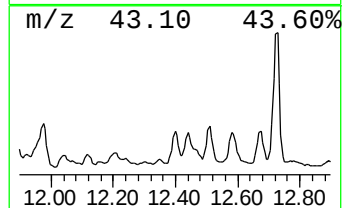
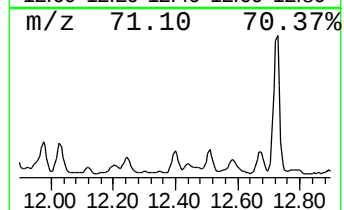
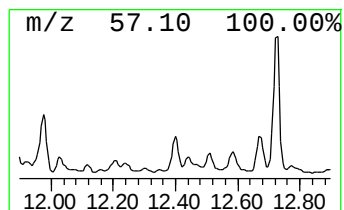
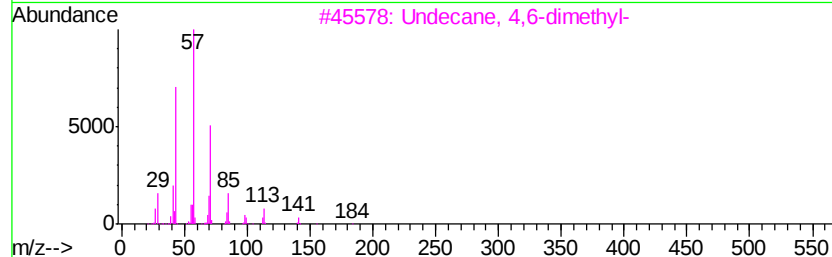
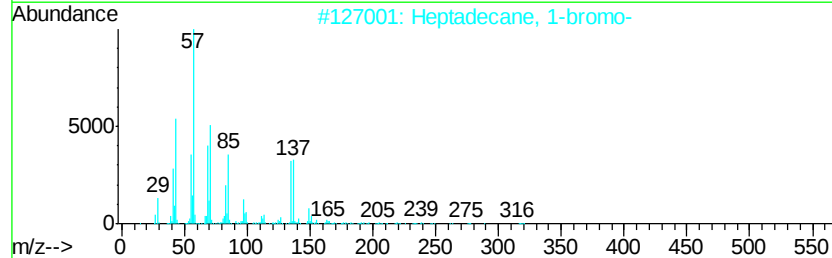
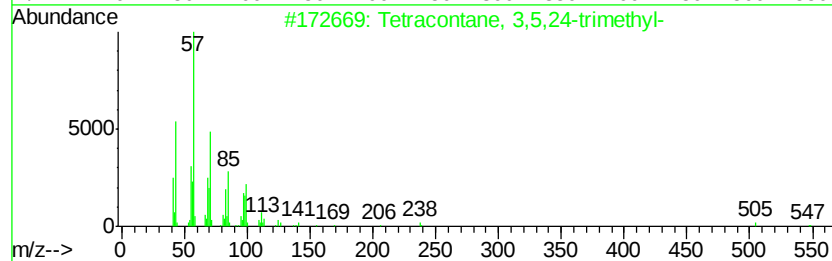
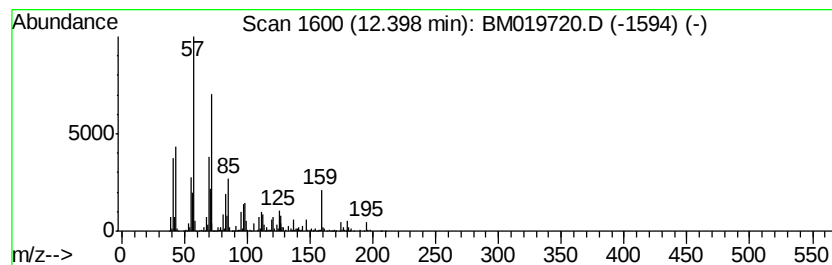
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	12.26 ng/ul	2543910	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	58
2		Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	47
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
4		2-Undecene, 4,5-dimethyl-, [R*,S...]	182	C13H26	055170-93-9	43
5		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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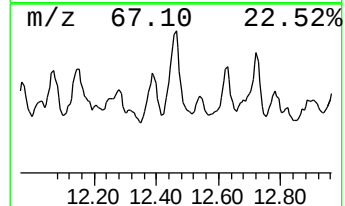
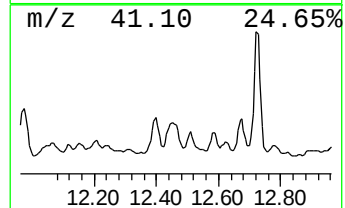
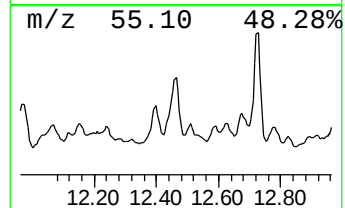
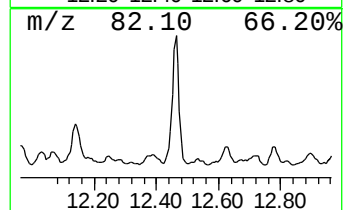
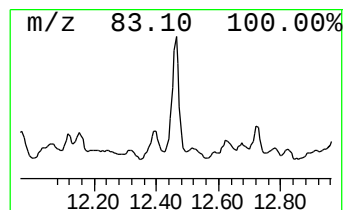
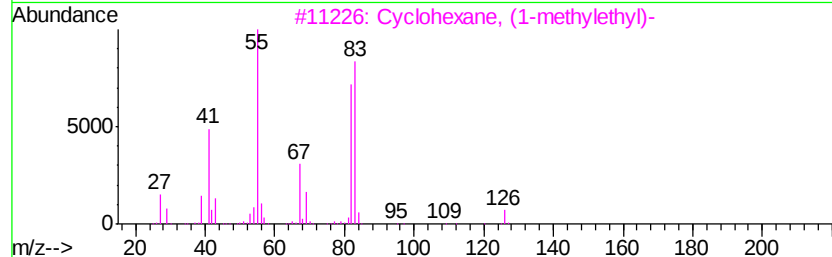
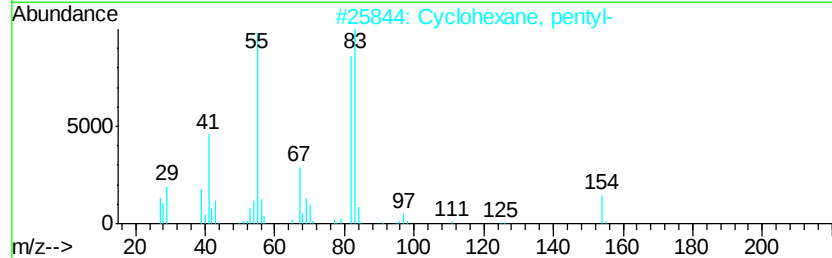
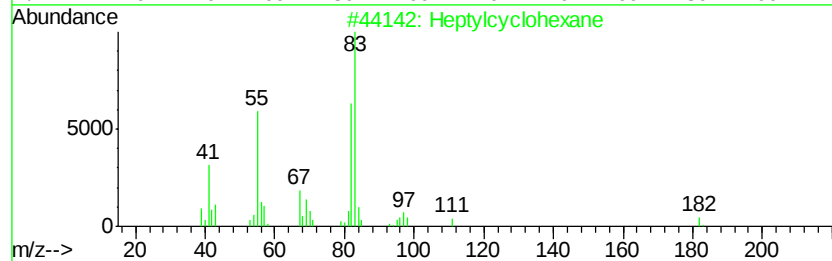
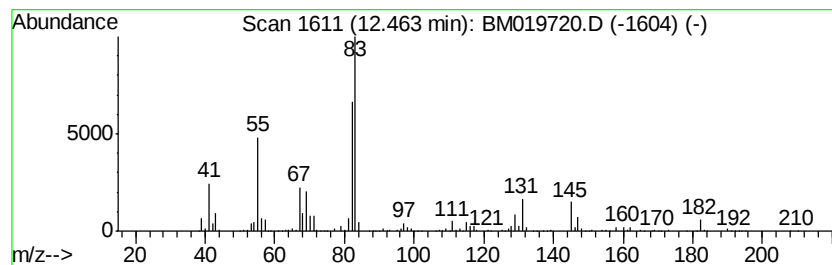
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Cyclic12.46 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	11.55 ng/ul	2396830	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	53
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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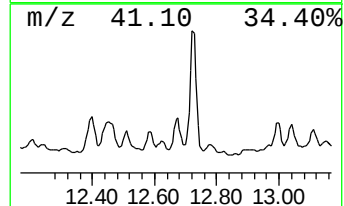
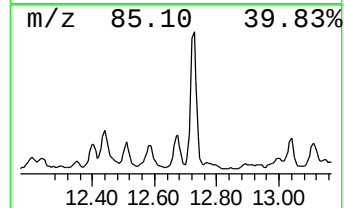
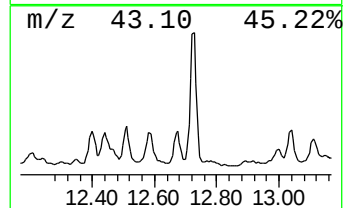
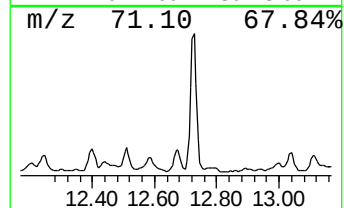
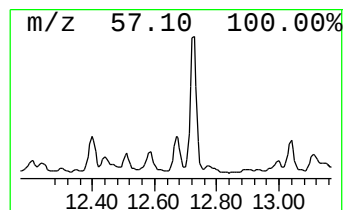
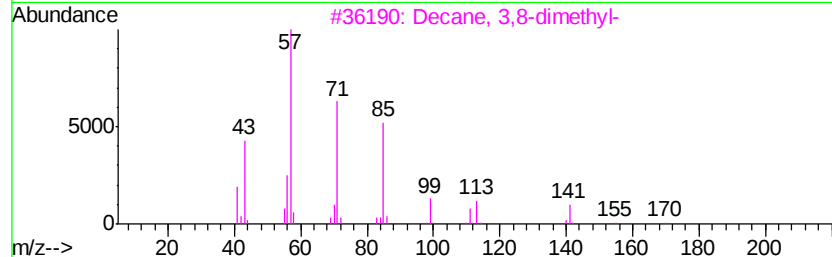
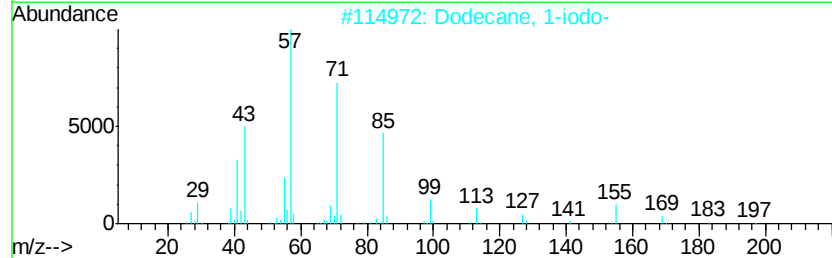
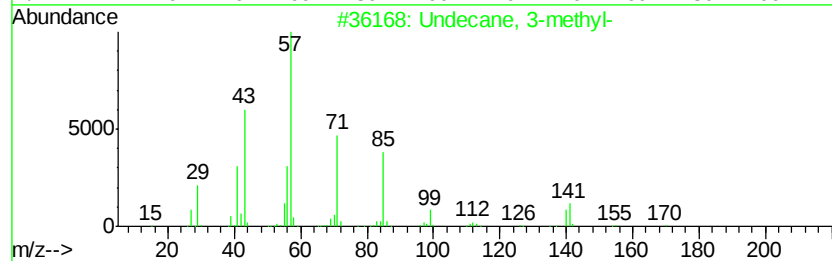
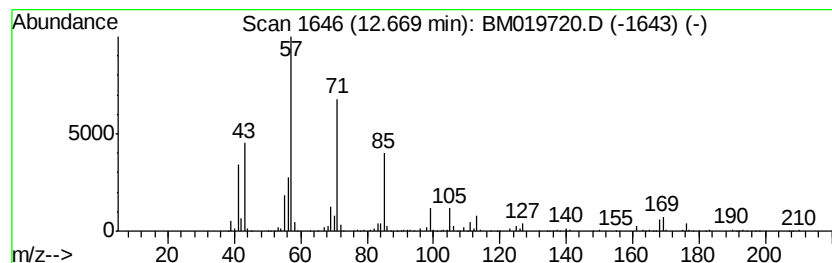
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	6.62 ng/ul	1372610	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	62
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF641

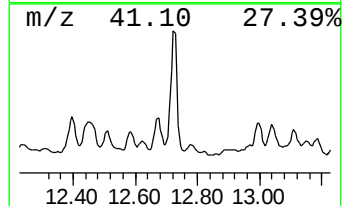
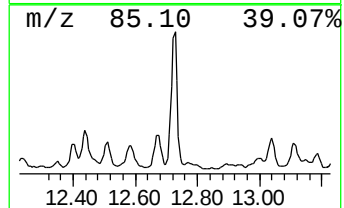
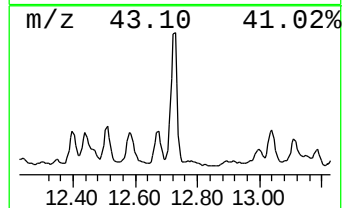
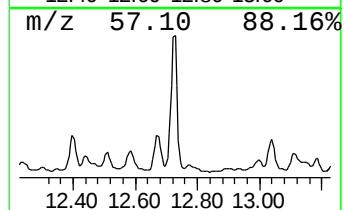
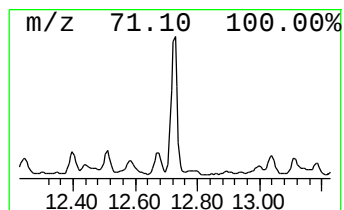
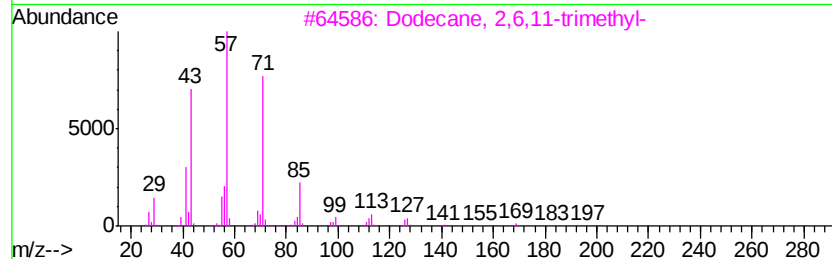
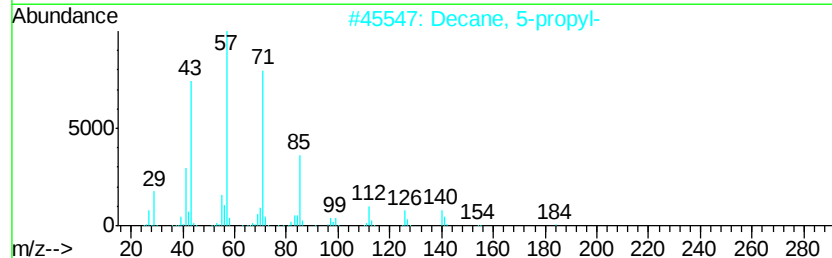
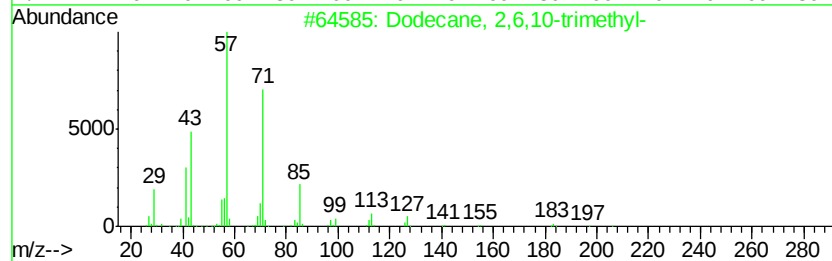
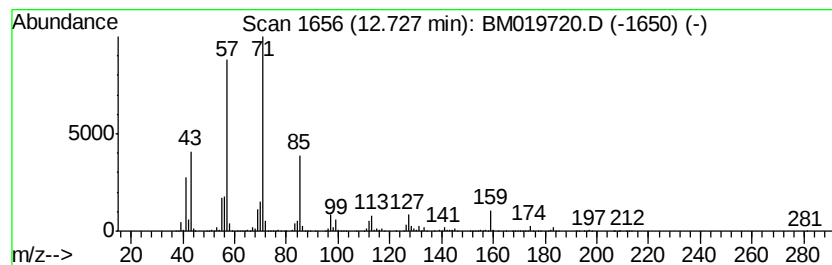
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	29.76 ng/ul	6174470	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2		Decane, 5-propyl-	184	C13H28	017312-62-8	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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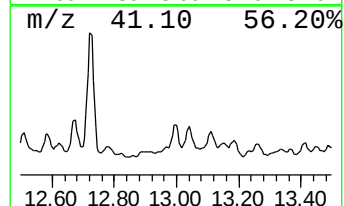
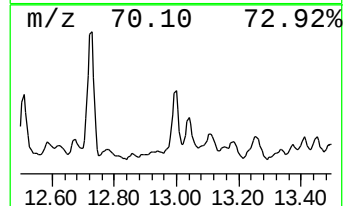
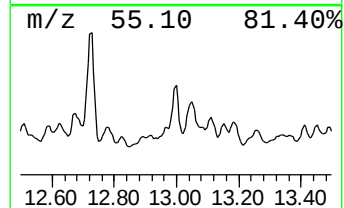
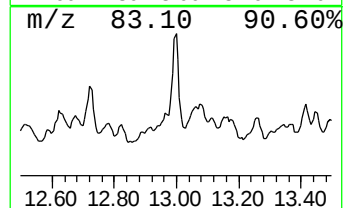
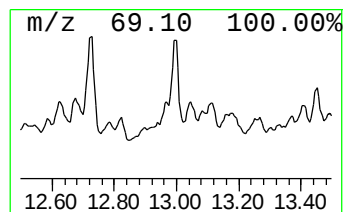
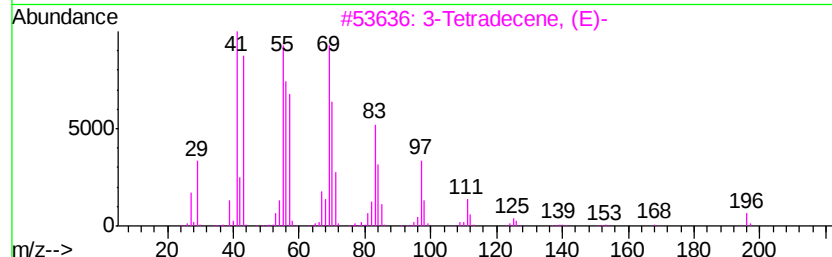
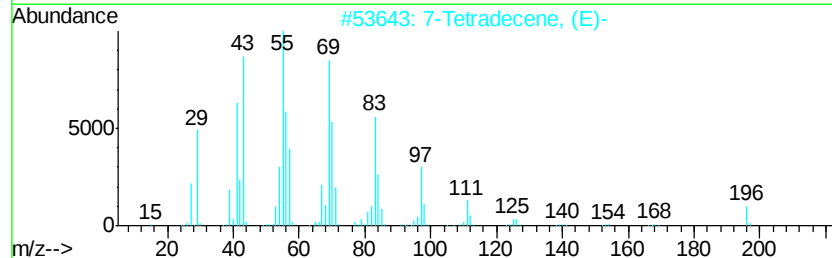
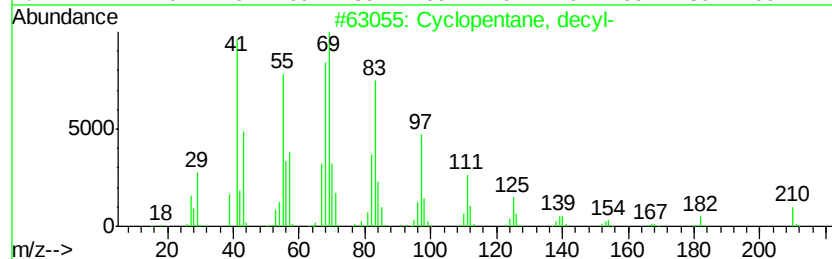
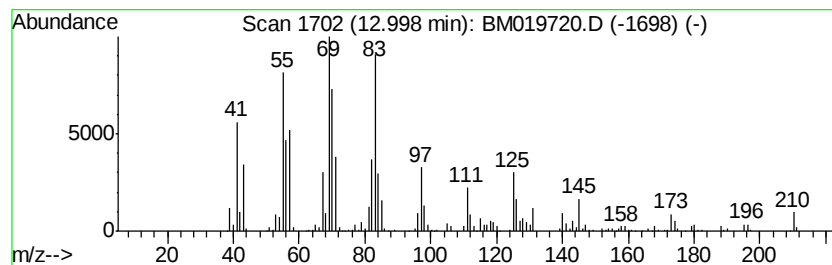
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Cyclic13.00 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.62 ng/ul	1166170	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, decyl-	210	C15H30	001795-21-7	78
2			7-Tetradecene, (E)-	196	C14H28	041446-63-3	76
3			3-Tetradecene, (E)-	196	C14H28	041446-68-8	68
4			6-Tetradecene, (E)-	196	C14H28	041446-64-4	64
5			4-Decene	140	C10H20	019689-18-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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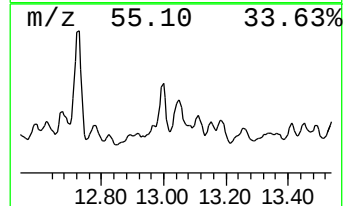
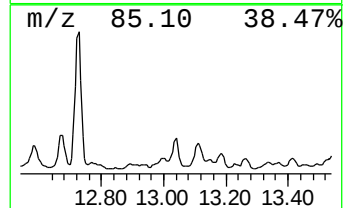
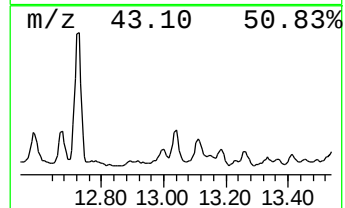
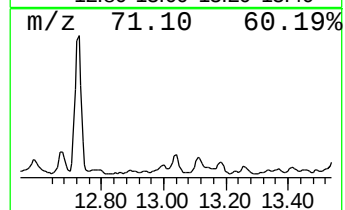
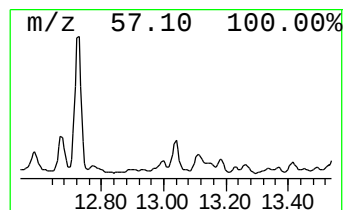
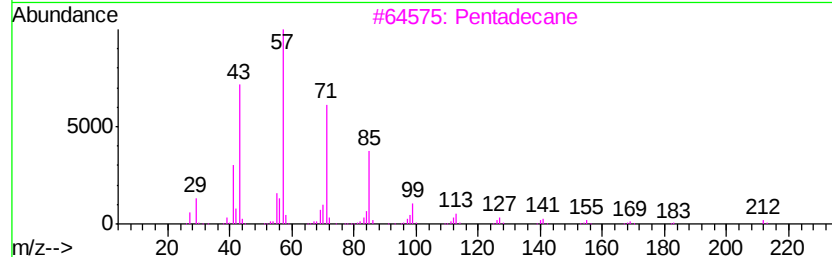
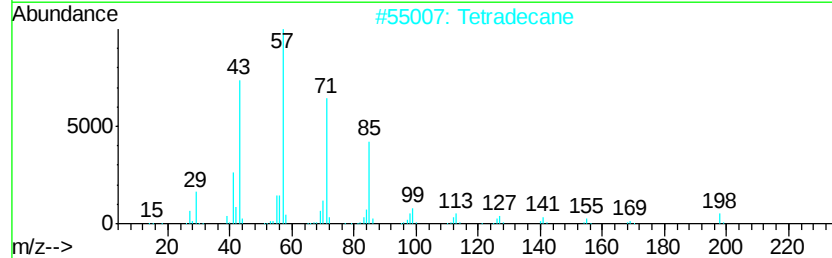
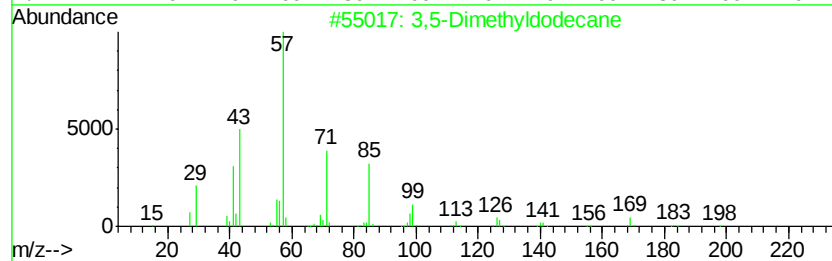
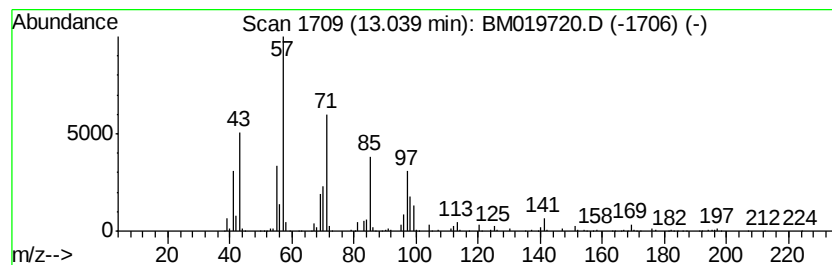
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	6.47 ng/ul	1342610	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
2			Tetradecane	198	C14H30	000629-59-4	53
3			Pentadecane	212	C15H32	000629-62-9	53
4			Tridecane	184	C13H28	000629-50-5	53
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

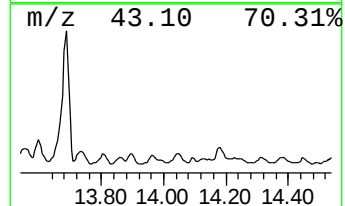
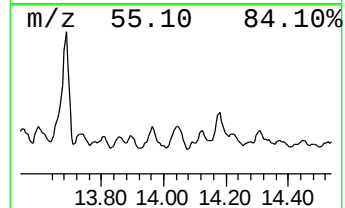
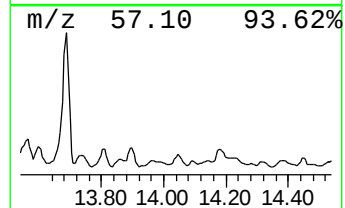
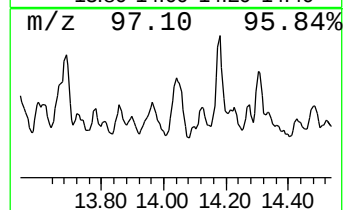
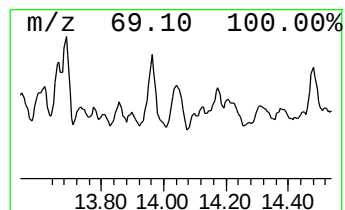
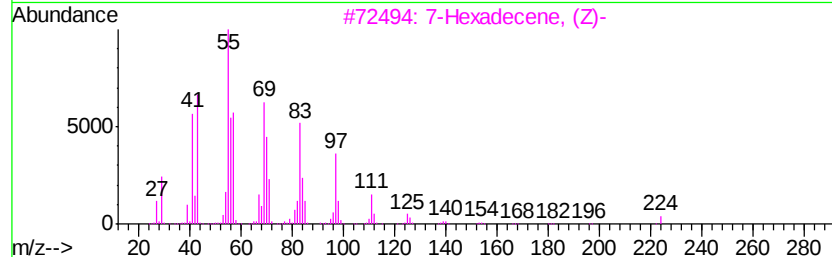
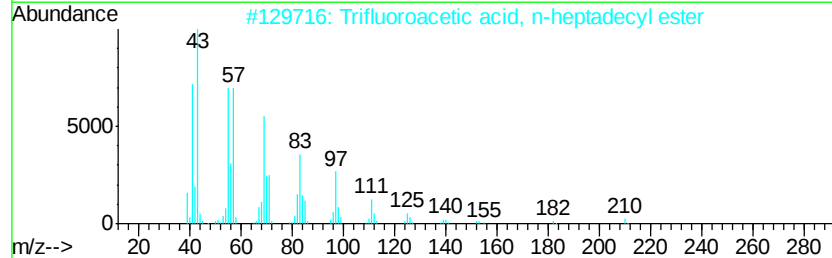
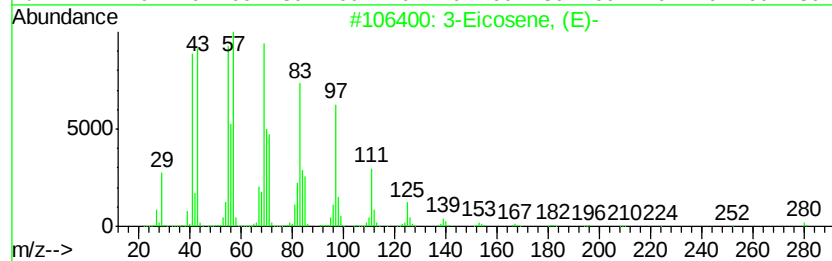
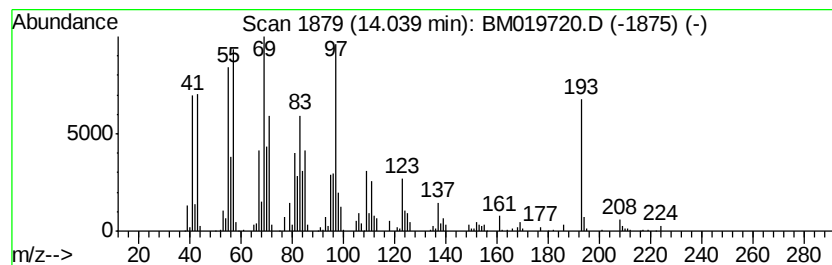
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Cyclic14.04 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.04	6.95 ng/ul	1442350	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	38
2	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	38
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	35
4	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	25
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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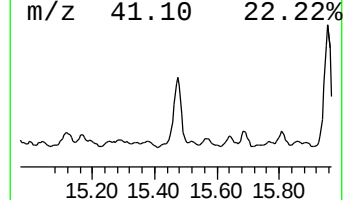
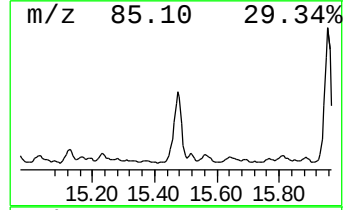
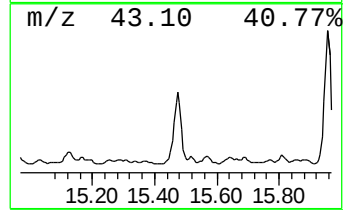
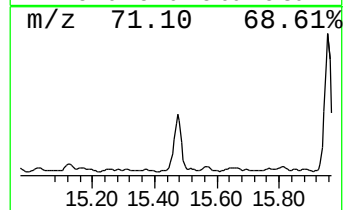
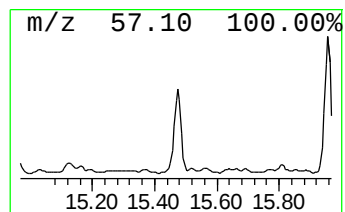
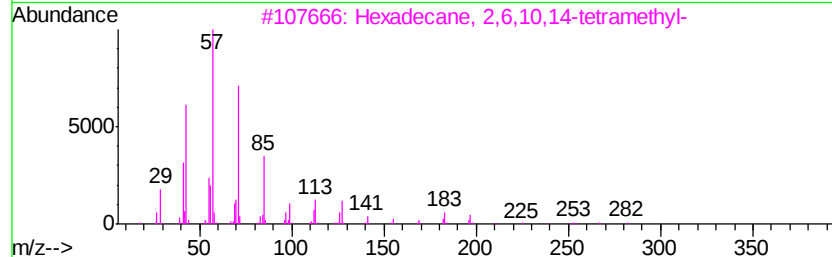
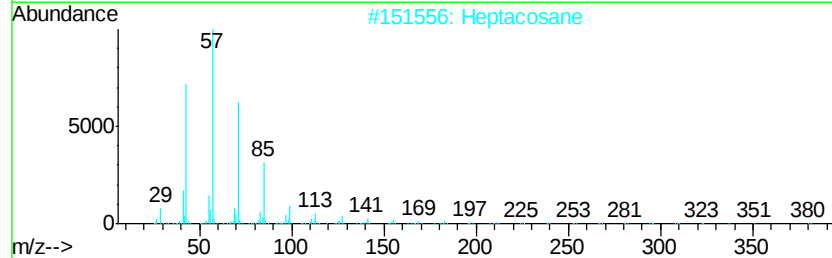
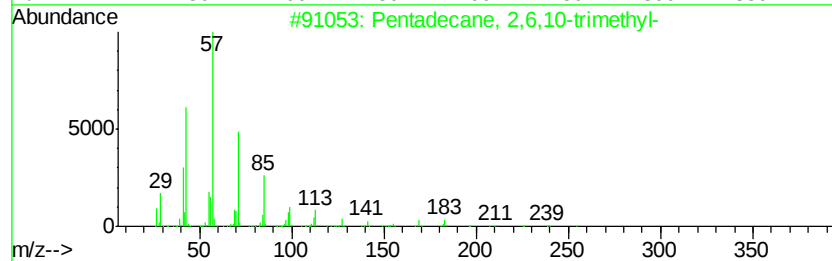
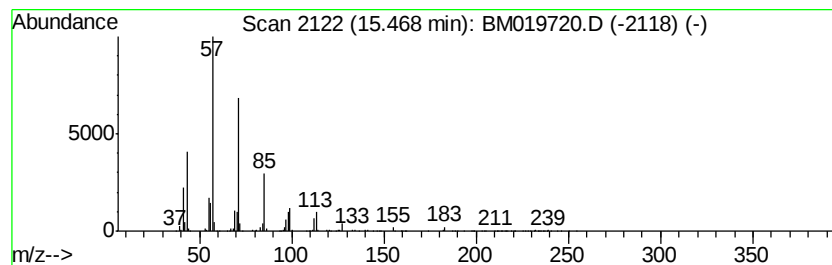
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Quant Title : SVOA CALIBRATION

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

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	27.79 ng/ul	5765590	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Heptacosane	380	C27H56	000593-49-7	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	78
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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 Acq On : 03 Apr 2019 08:45
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 ClientSampleId :
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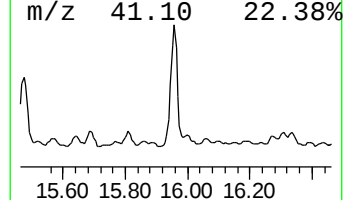
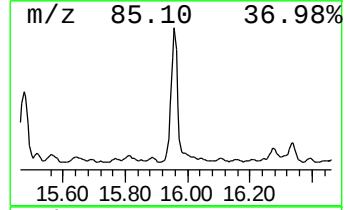
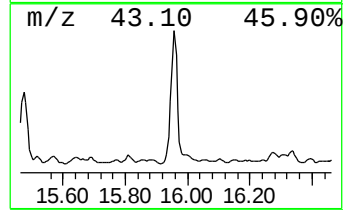
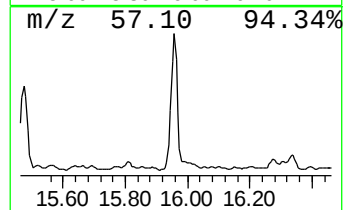
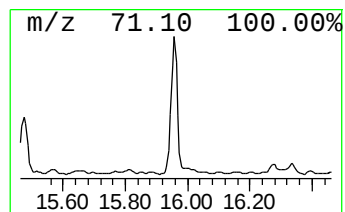
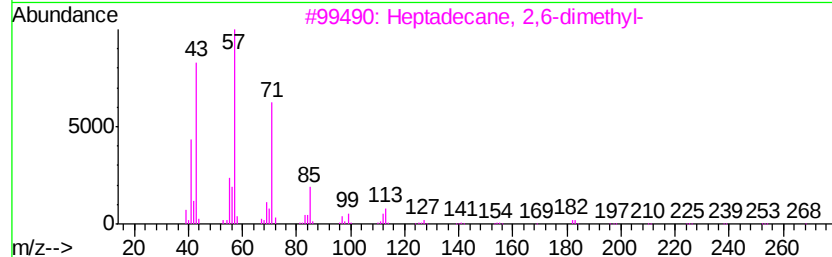
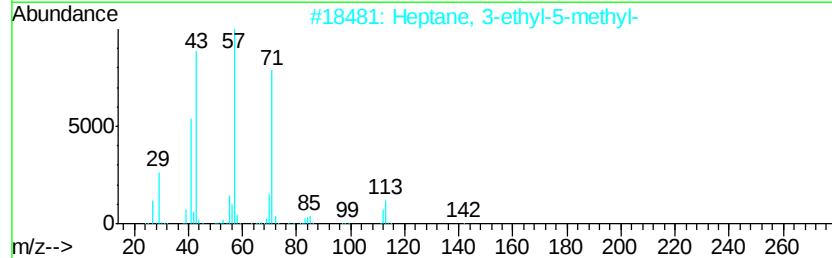
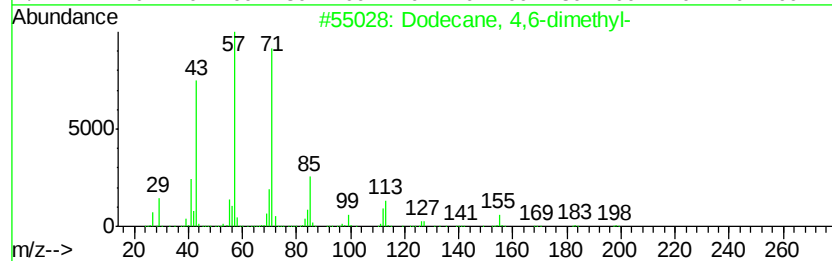
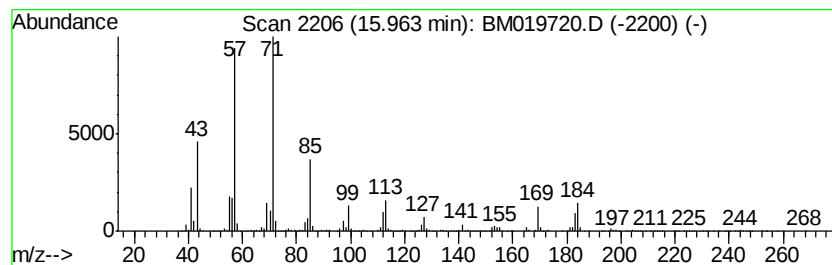
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	46.60 ng/ul	8239380	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
2		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	70
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	60
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
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Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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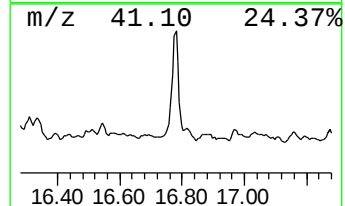
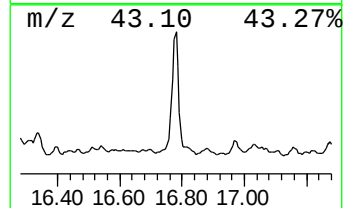
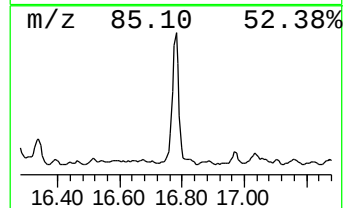
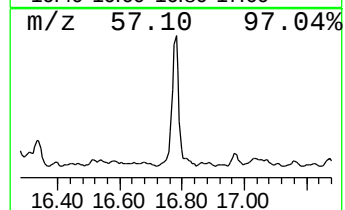
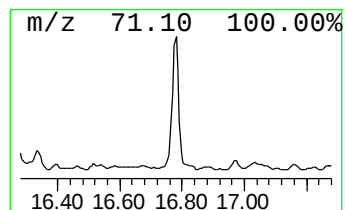
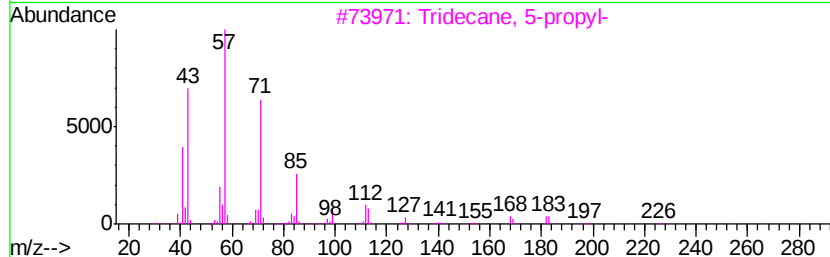
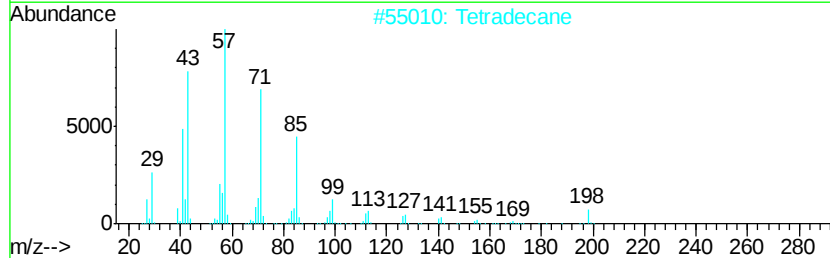
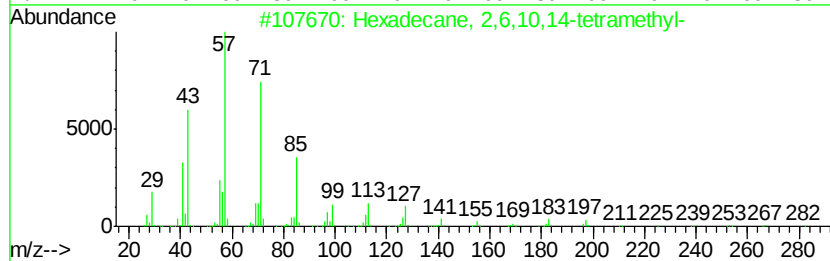
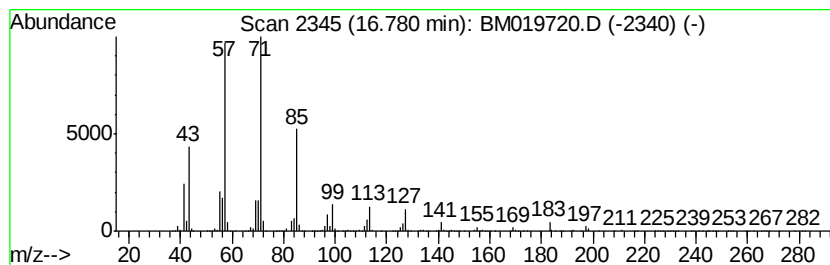
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Quant Title : SVOA CALIBRATION

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	22.35 ng/ul	3951490	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2			Tetradecane	198	C14H30	000629-59-4	78
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019720.D
Acq On : 03 Apr 2019 08:45
Operator : JU/SJ
Sample : K2168-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF641

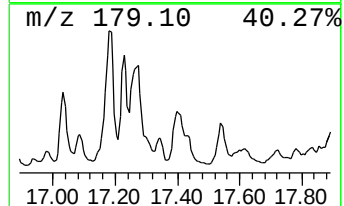
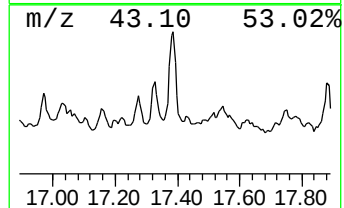
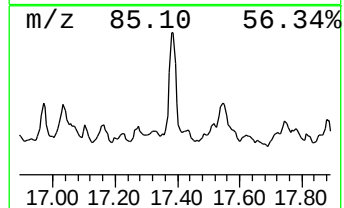
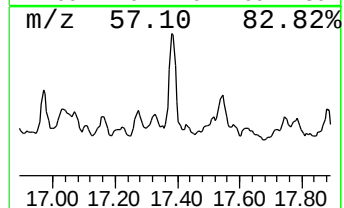
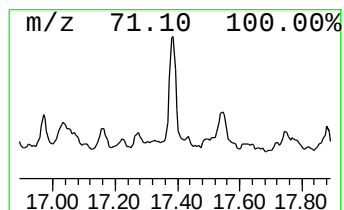
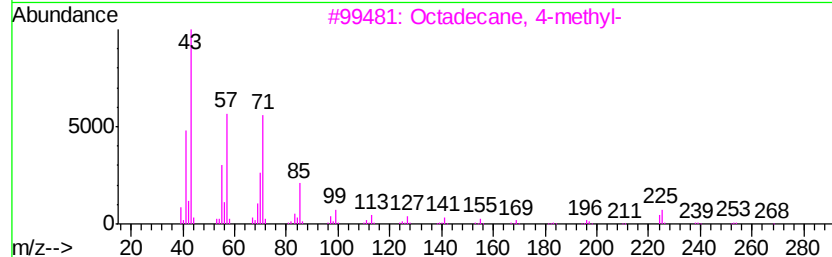
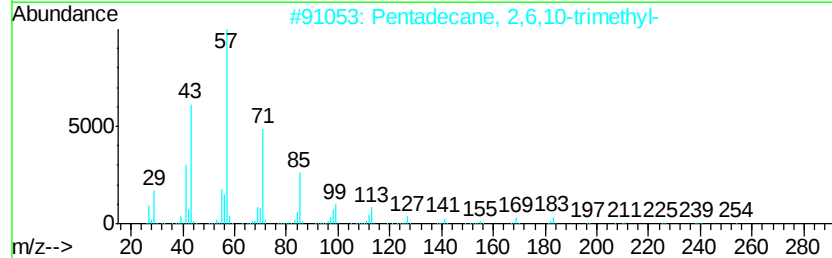
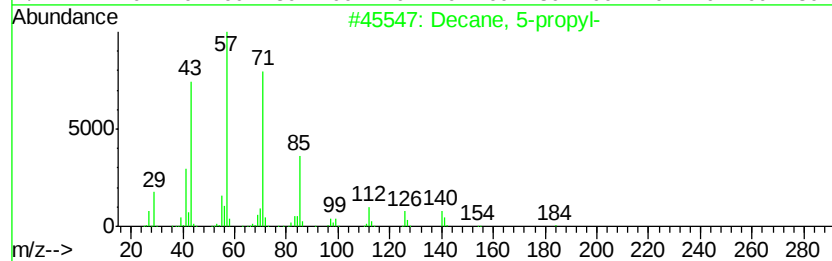
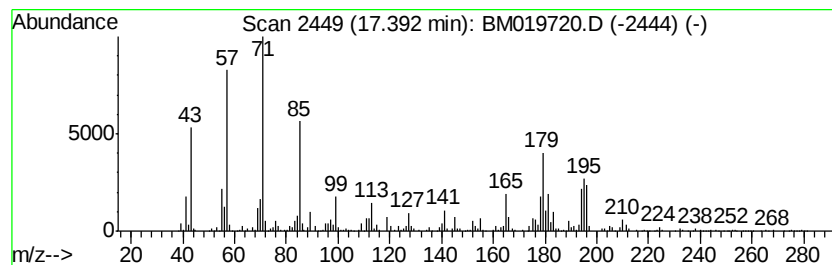
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	8.72 ng/ul	1541760	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	64
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60
3		Octadecane, 4-methyl-	268	C19H40	010544-95-3	60
4		Nonane, 1-iodo-	254	C9H19I	004282-42-2	55
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019720.D
 Acq On : 03 Apr 2019 08:45
 Operator : JU/SJ
 Sample : K2168-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF641

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
(DEL) Alkane: Str...	4.52	15.8	ng/ul	1223180	1	7.57	1549170	20.0
(DEL) Alkane: Str...	5.01	32.8	ng/ul	2538350	1	7.57	1549170	20.0
(DEL) Alkane: Str...	5.15	35.1	ng/ul	2722870	1	7.57	1549170	20.0
(DEL) Alkane: Cyc...	5.82	31.4	ng/ul	2434650	1	7.57	1549170	20.0
(DEL) Alkane: Str...	5.93	21.2	ng/ul	1639970	1	7.57	1549170	20.0
Benzene, (1-methy...	6.05	40.4	ng/ul	3129090	1	7.57	1549170	20.0
(DEL) Alkane: Str...	6.10	33.4	ng/ul	2586730	1	7.57	1549170	20.0
(DEL) Alkane: Cyc...	6.19	36.9	ng/ul	2855280	1	7.57	1549170	20.0
(DEL) Alkane: Cyc...	6.69	34.2	ng/ul	2647650	1	7.57	1549170	20.0
(DEL) Alkane: Cyc...	7.03	15.4	ng/ul	1196670	1	7.57	1549170	20.0
unknown-01	7.45	19.0	ng/ul	1472250	1	7.57	1549170	20.0
(DEL) Alkane: Str...	7.50	60.4	ng/ul	4676620	1	7.57	1549170	20.0
(DEL) Alkane: Str...	7.72	20.9	ng/ul	1621280	1	7.57	1549170	20.0
(DEL) Alkane: Cyc...	7.82	20.5	ng/ul	1589650	1	7.57	1549170	20.0
Indane	7.93	32.5	ng/ul	2513990	1	7.57	1549170	20.0
Benzene, 1,2-diet...	8.04	71.6	ng/ul	5544890	1	7.57	1549170	20.0
(DEL) Alkane: Str...	8.12	16.1	ng/ul	1247030	1	7.57	1549170	20.0
Naphthalene, 1,2,...	8.19	64.5	ng/ul	5000230	1	7.57	1549170	20.0
Benzene, 4-ethyl-...	8.50	15.9	ng/ul	1231740	1	7.57	1549170	20.0
Benzene, 1-methyl...	8.65	172.8	ng/ul	13384900	1	7.57	1549170	20.0
(DEL) Alkane: Cyc...	8.83	17.0	ng/ul	1314170	1	7.57	1549170	20.0
unknown-02	8.89	44.9	ng/ul	3480880	1	7.57	1549170	20.0
unknown-03	8.99	5.4	ng/ul	2006250	2	10.35	7491040	20.0
Benzene, 1,2,4,5-...	9.17	19.9	ng/ul	7457070	2	10.35	7491040	20.0
1H-Indene, 2,3-di...	9.59	17.9	ng/ul	6690110	2	10.35	7491040	20.0
2,4-Dimethylstyrene	9.74	31.7	ng/ul	11889500	2	10.35	7491040	20.0
Benzene, 1,3-diet...	9.80	3.8	ng/ul	1421270	2	10.35	7491040	20.0
Benzene, 1-ethyl-...	9.92	8.7	ng/ul	3260840	2	10.35	7491040	20.0
Benzene, 1-methyl...	10.04	10.8	ng/ul	4050470	2	10.35	7491040	20.0
1H-Indene, 2,3-di...	10.26	3.6	ng/ul	1356080	2	10.35	7491040	20.0
(DEL) Alkane: Str...	10.60	3.1	ng/ul	1178140	2	10.35	7491040	20.0
unknown-04	10.70	4.0	ng/ul	1515680	2	10.35	7491040	20.0
(DEL) Alkane: Cyc...	10.80	8.7	ng/ul	3247540	2	10.35	7491040	20.0
2-Ethyl-2,3-dihyd...	10.99	3.4	ng/ul	1264470	2	10.35	7491040	20.0
Ethanone, 1-(2,2-...	11.15	5.5	ng/ul	2055820	2	10.35	7491040	20.0
.alpha.,.beta.,.b...	11.24	14.4	ng/ul	5373280	2	10.35	7491040	20.0
(DEL) Alkane: Str...	11.34	30.7	ng/ul	11513200	2	10.35	7491040	20.0
(DEL) Alkane: Cyc...	11.60	5.8	ng/ul	2155670	2	10.35	7491040	20.0
(DEL) Alkane: Str...	11.97	5.6	ng/ul	2092080	2	10.35	7491040	20.0
Naphthalene, 1-me...	12.25	18.6	ng/ul	6953180	2	10.35	7491040	20.0
(DEL) Alkane: Str...	12.40	12.3	ng/ul	2543910	3	14.23	4149730	20.0
(DEL) Alkane: Cyc...	12.46	11.6	ng/ul	2396830	3	14.23	4149730	20.0
(DEL) Alkane: Str...	12.67	6.6	ng/ul	1372610	3	14.23	4149730	20.0
(DEL) Alkane: Str...	12.73	29.8	ng/ul	6174470	3	14.23	4149730	20.0
(DEL) Alkane: Cyc...	13.00	5.6	ng/ul	1166170	3	14.23	4149730	20.0
(DEL) Alkane: Str...	13.04	6.5	ng/ul	1342610	3	14.23	4149730	20.0
(DEL) Alkane: Cyc...	14.04	7.0	ng/ul	1442350	3	14.23	4149730	20.0
(DEL) Alkane: Str...	15.47	27.8	ng/ul	5765590	3	14.23	4149730	20.0
(DEL) Alkane: Str...	15.96	46.6	ng/ul	8239380	4	16.99	3535920	20.0

(DEL) Alkane: Str... 16.78 22.4 ng/ul 3951490 4 16.99 3535920 20.0
(DEL) Alkane: Str... 17.39 8.7 ng/ul 1541760 4 16.99 3535920 20.0

Instrument :
BNA_M
ClientSampleId :
BF641