

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018088.D
 Acq On : 12 Dec 2018 09:53
 Operator : JU/SJ
 Sample : J6171-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y14

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-BM111918MA.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	4.799	303	308	313	rVV	1073135	1686664	12.95%	0.559%
2	5.452	413	419	423	rBV3	652583	1190031	9.14%	0.394%
3	5.528	427	432	437	rBV	792785	1163652	8.93%	0.386%
4	5.840	477	485	492	rBV4	1017025	2375724	18.24%	0.787%
5	6.063	515	523	528	rBV4	1376148	3024033	23.22%	1.002%
6	6.116	528	532	536	rBV	2189088	2939504	22.57%	0.974%
7	6.193	536	545	547	rBV2	1665550	2778449	21.33%	0.921%
8	6.222	547	550	556	rVB	2295338	3252609	24.97%	1.078%
9	6.534	599	603	616	rVB	634208	1302199	10.00%	0.431%
10	6.681	624	628	635	rVV3	2269696	4297703	32.99%	1.424%
11	6.740	635	638	646	rVV2	589189	1203685	9.24%	0.399%
12	6.869	655	660	664	rVV3	735321	1658675	12.73%	0.550%
13	6.922	664	669	673	rVV4	872735	1767905	13.57%	0.586%
14	6.993	678	681	684	rVV2	1052211	1742765	13.38%	0.577%
15	7.028	684	687	692	rVV	1370987	2420225	18.58%	0.802%
16	7.093	694	698	710	rVB5	1462667	3817081	29.30%	1.265%
17	7.251	722	725	731	rVB5	706526	1241402	9.53%	0.411%
18	7.446	750	758	763	rBV5	928500	2718096	20.87%	0.901%
19	7.493	763	766	773	rVV6	665120	1746108	13.41%	0.579%
20	7.598	779	784	790	rVB3	756864	1521645	11.68%	0.504%
21	7.722	790	805	808	rBV4	1648634	4329959	33.24%	1.435%
22	7.793	813	817	818	rVV	1144501	1552848	11.92%	0.514%
23	7.816	818	821	826	rVV	1783436	2662293	20.44%	0.882%
24	7.875	827	831	838	rVB2	948763	1431241	10.99%	0.474%
25	7.969	843	847	853	rVB3	614902	1071967	8.23%	0.355%
26	8.081	862	866	874	rVB	1649967	2653717	20.37%	0.879%
27	8.351	908	912	917	rBV2	1544059	2409768	18.50%	0.798%
28	8.604	948	955	956	rBV	1900504	3023435	23.21%	1.002%
29	8.634	956	960	968	rVV4	3401466	6407958	49.19%	2.123%
30	8.722	968	975	981	rVB5	1934714	3939513	30.24%	1.305%
31	8.834	989	994	996	rBV2	1289930	2006866	15.41%	0.665%
32	8.869	996	1000	1007	rVB3	1895986	4041028	31.02%	1.339%
33	8.981	1007	1019	1025	rBV7	943581	3118224	23.94%	1.033%
34	9.051	1025	1031	1035	rBV5	498561	1251791	9.61%	0.415%

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35	9.116	1038	1042	1046	rVV3	490369	1055791	8.11%	0.350%
36	9.163	1046	1050	1056	rVB2	1644140	2630777	20.20%	0.872%
37	9.234	1056	1062	1067	rBV2	2310034	3858245	29.62%	1.278%
38	9.410	1087	1092	1094	rVV3	986014	1574459	12.09%	0.522%
39	9.440	1094	1097	1101	rVV2	2137685	3255344	24.99%	1.079%
40	9.492	1101	1106	1120	rVB6	2804788	5990603	45.99%	1.985%
41	9.657	1127	1134	1139	rVB5	445954	1193018	9.16%	0.395%
42	9.728	1139	1146	1151	rBV2	4238887	7750547	59.50%	2.568%
43	9.904	1169	1176	1180	rBV4	1217366	2704719	20.76%	0.896%
44	9.951	1180	1184	1189	rVB2	849124	1330683	10.22%	0.441%
45	10.022	1190	1196	1198	rBV2	1035376	2093927	16.08%	0.694%
46	10.092	1204	1208	1213	rVB3	850375	1411490	10.84%	0.468%
47	10.175	1217	1222	1225	rBV	1065601	1615439	12.40%	0.535%
48	10.210	1225	1228	1231	rVV	755895	1115399	8.56%	0.370%
49	10.275	1235	1239	1241	rVV2	1398201	2418503	18.57%	0.801%
50	10.310	1241	1245	1250	rVV3	1970713	4055277	31.13%	1.344%
51	10.381	1250	1257	1261	rVB5	964771	2308723	17.72%	0.765%
52	10.428	1261	1265	1269	rVB3	1259724	1675519	12.86%	0.555%
53	10.475	1269	1273	1278	rVB2	2060337	3081561	23.66%	1.021%
54	10.534	1279	1283	1290	rVB3	1401264	2488935	19.11%	0.825%
55	10.598	1290	1294	1301	rVB5	775388	1480029	11.36%	0.490%
56	10.687	1305	1309	1312	rBV2	1014242	1687908	12.96%	0.559%
57	10.792	1322	1327	1336	rVB3	2123304	3851613	29.57%	1.276%
58	10.981	1354	1359	1361	rBV4	1558466	2617712	20.10%	0.867%
59	11.010	1361	1364	1370	rVB2	2344772	3525651	27.07%	1.168%
60	11.145	1382	1387	1389	rBV2	553278	1141268	8.76%	0.378%
61	11.345	1415	1421	1429	rVV3	7321645	13025749	100.00%	4.316%
62	11.504	1444	1448	1456	rVB3	1388258	2923321	22.44%	0.969%
63	11.592	1457	1463	1468	rBV2	2003657	3302095	25.35%	1.094%
64	11.734	1483	1487	1490	rBV3	621096	1111328	8.53%	0.368%
65	11.981	1526	1529	1536	rVB2	2626600	5750338	44.15%	1.905%
66	12.151	1554	1558	1561	rVV2	867043	1324256	10.17%	0.439%
67	12.216	1564	1569	1581	rVB4	1798431	4486328	34.44%	1.486%
68	12.457	1605	1610	1616	rVB2	2119712	3988466	30.62%	1.321%
69	12.604	1631	1635	1642	rVB7	833888	1828897	14.04%	0.606%
70	12.728	1650	1656	1660	rVB	6635835	9694698	74.43%	3.212%
71	12.986	1696	1700	1704	rBV	1799840	2726656	20.93%	0.903%

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72	13.039	1705	1709	1713	rVV2	1941823	2613211	20.06%	0.866%
73	13.110	1718	1721	1729	rVB3	1311431	2256005	17.32%	0.747%
74	13.180	1730	1733	1737	rVB3	986076	1247555	9.58%	0.413%
75	13.363	1760	1764	1770	rBV3	823838	1790111	13.74%	0.593%
76	13.522	1786	1791	1795	rVB	1569263	2524665	19.38%	0.836%
77	13.575	1795	1800	1805	rVV	1795793	3380868	25.96%	1.120%
78	13.622	1806	1808	1812	rVB	1163629	1262219	9.69%	0.418%
79	13.686	1812	1819	1823	rVB3	7056804	10536532	80.89%	3.491%
80	13.892	1850	1854	1862	rBV2	2028501	3023197	23.21%	1.002%
81	14.204	1904	1907	1914	rVB2	1785400	2839977	21.80%	0.941%
82	14.610	1972	1976	1986	rVB5	1728551	3126499	24.00%	1.036%
83	14.733	1993	1997	2008	rVB3	2208728	3783958	29.05%	1.254%
84	14.833	2009	2014	2019	rBV	960856	1890459	14.51%	0.626%
85	14.963	2034	2036	2045	rVV5	478928	1415209	10.86%	0.469%
86	15.033	2045	2048	2053	rVB3	759295	1155598	8.87%	0.383%
87	15.204	2073	2077	2081	rVB	1967050	2612116	20.05%	0.865%
88	15.474	2118	2123	2129	rVB	6181518	9290292	71.32%	3.078%
89	15.957	2198	2205	2210	rBV	7578446	12072129	92.68%	4.000%
90	16.780	2340	2345	2355	rVB	4905693	7752332	59.52%	2.569%
91	16.963	2372	2376	2381	rBV3	2183600	3313747	25.44%	1.098%
92	17.063	2388	2393	2399	rVB	2061183	3175115	24.38%	1.052%
93	17.380	2443	2447	2454	rBV	1309010	2060888	15.82%	0.683%
94	18.621	2656	2658	2668	rVB	826181	1464514	11.24%	0.485%
95	19.309	2771	2775	2779	rBV	2810986	3219480	24.72%	1.067%
96	19.368	2780	2785	2791	rBV2	2353449	3158250	24.25%	1.046%
97	20.368	2951	2955	2959	rVB	1892668	2005513	15.40%	0.664%
98	21.174	3088	3092	3100	rVB	1841712	2489416	19.11%	0.825%
99	23.209	3434	3438	3451	rVB	1326009	2398834	18.42%	0.795%
100	23.350	3457	3462	3474	rVB	1133348	2136559	16.40%	0.708%

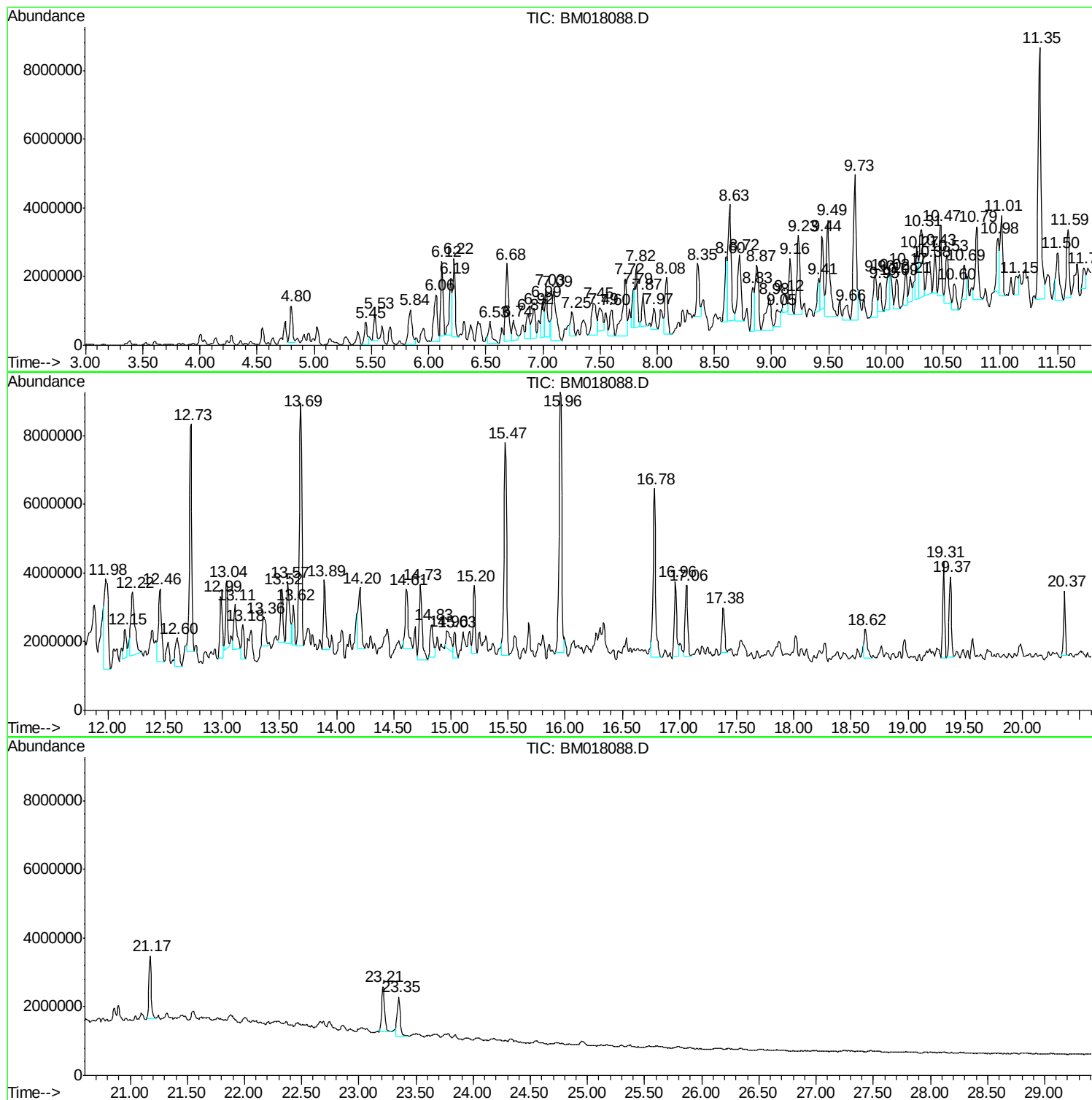
Sum of corrected areas: 301819283

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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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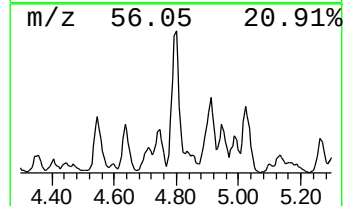
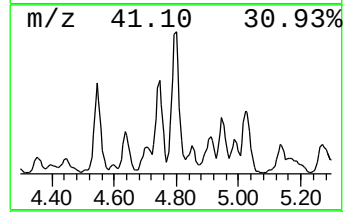
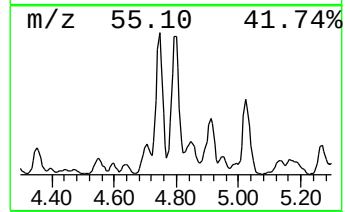
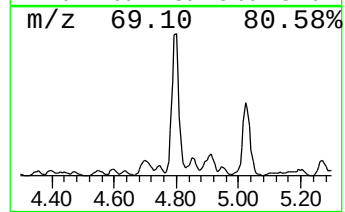
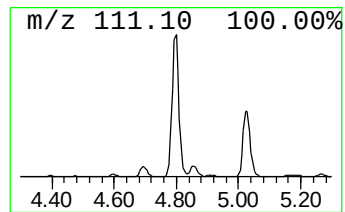
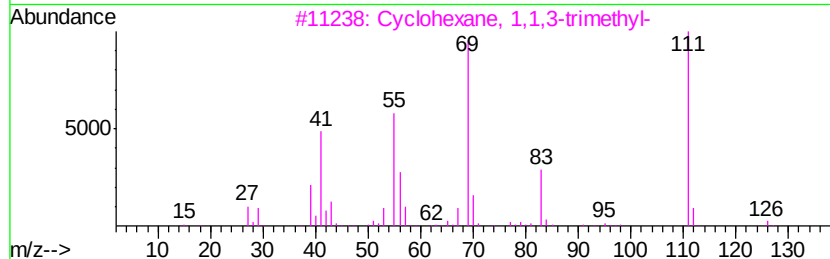
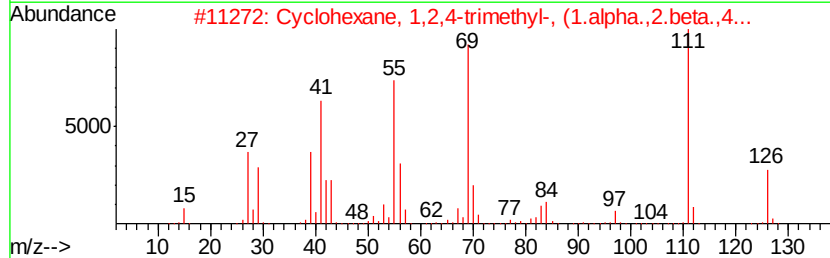
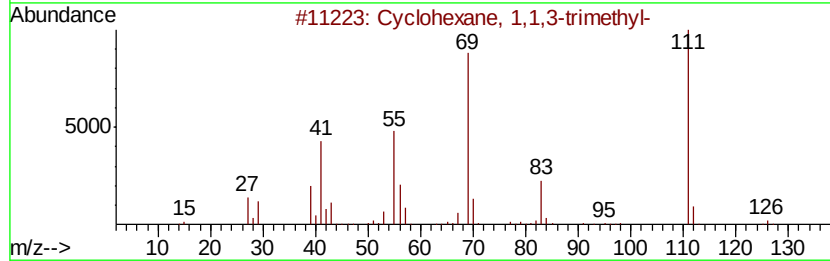
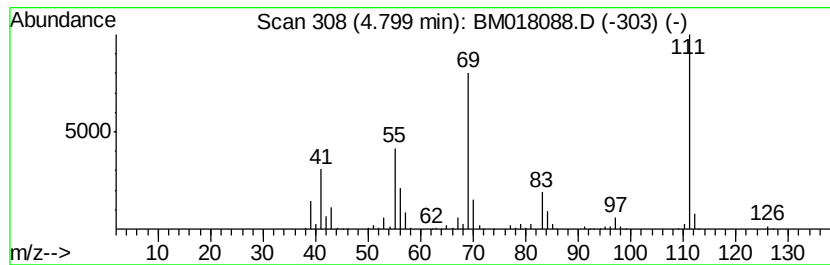
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	22.17 ng/ul	1686660	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	83
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64



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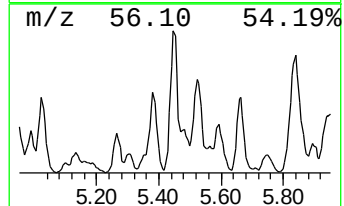
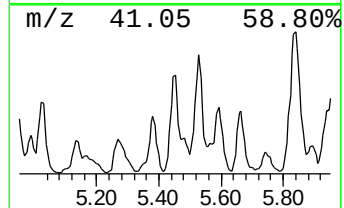
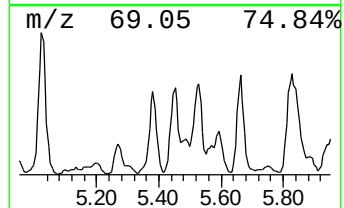
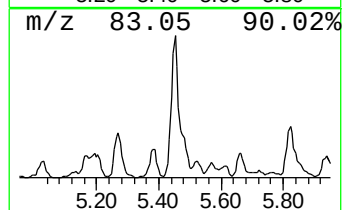
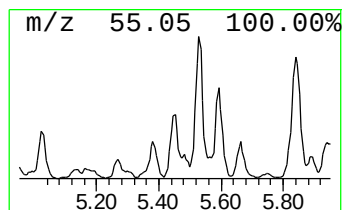
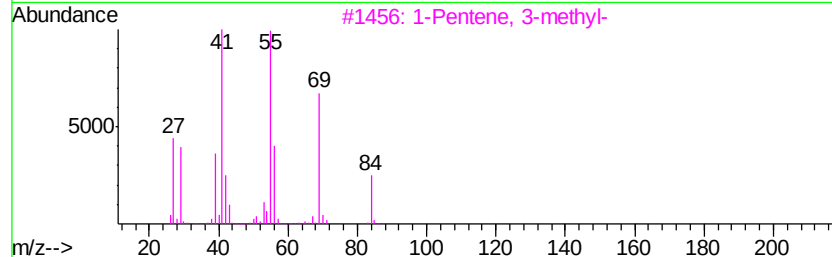
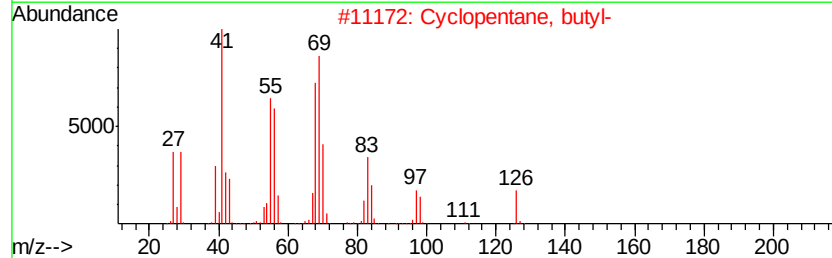
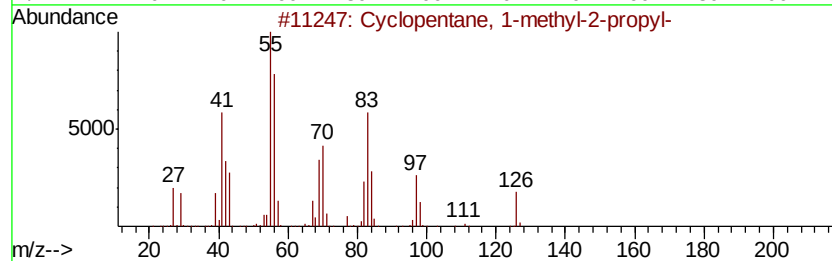
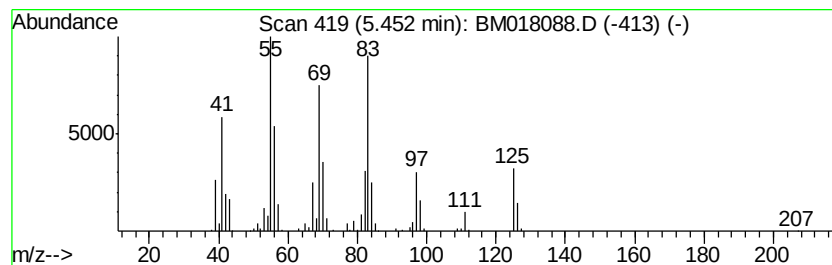
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentane, 1-methyl-2-pr... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	15.64 ng/ul	1190030	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	64
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	43
3		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	41
4		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38
5		trans-2-Methyl-3-octene	126	C9H18	052937-36-7	38



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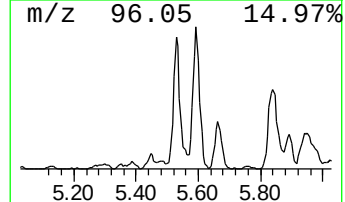
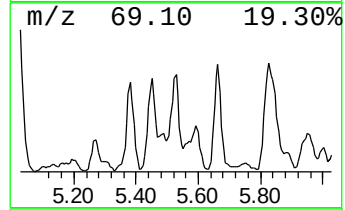
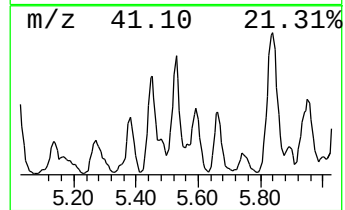
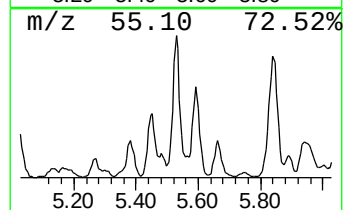
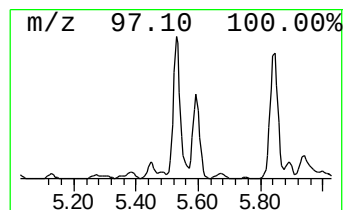
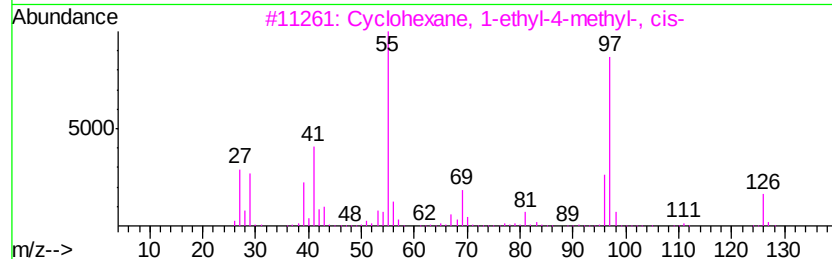
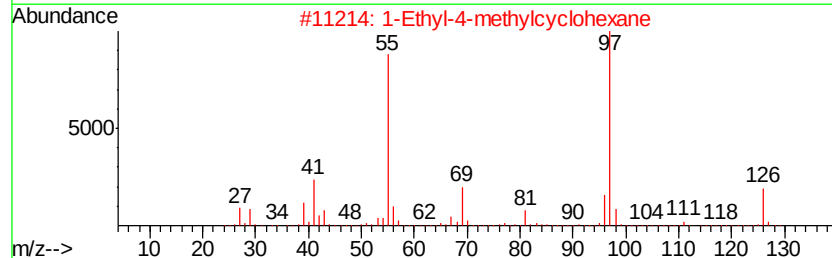
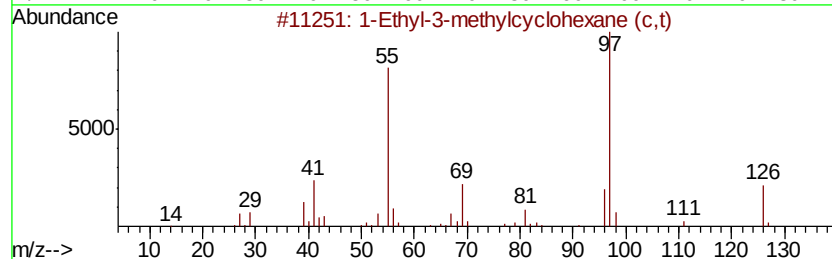
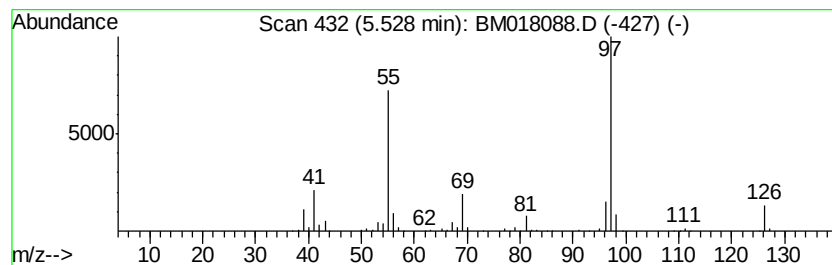
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic5.53 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	15.29 ng/ul	1163650	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
4		Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	80
5		4-Octen-3-one	126	C8H14O	014129-48-7	72



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Sample : J6171-10
Misc :
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ClientSampleId :
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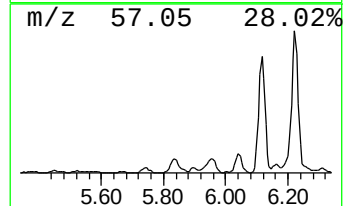
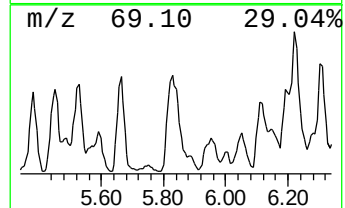
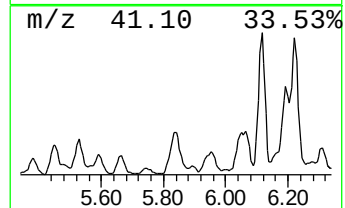
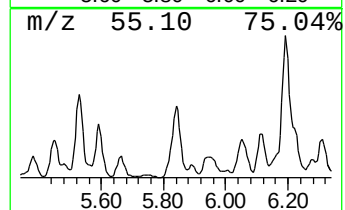
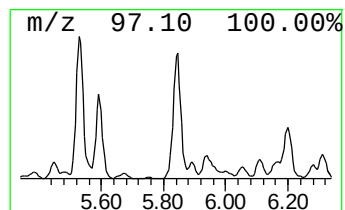
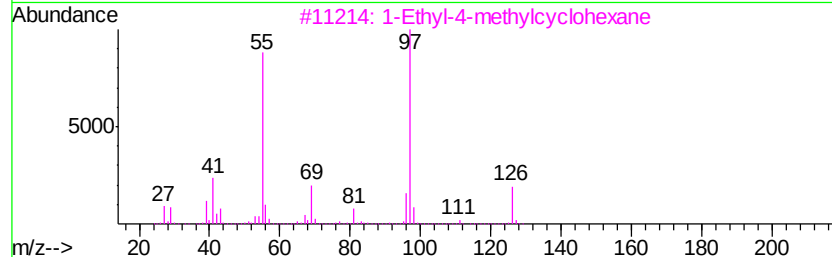
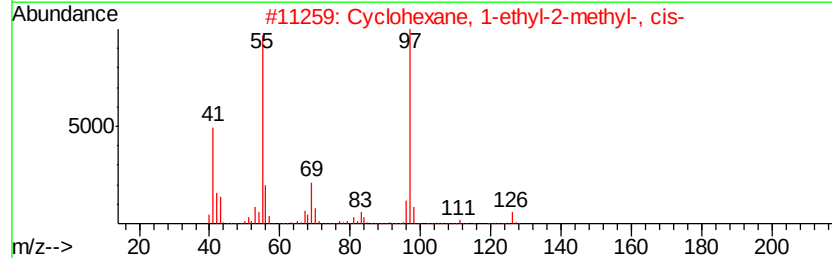
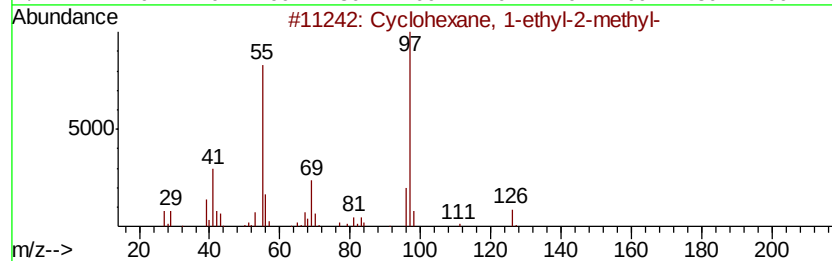
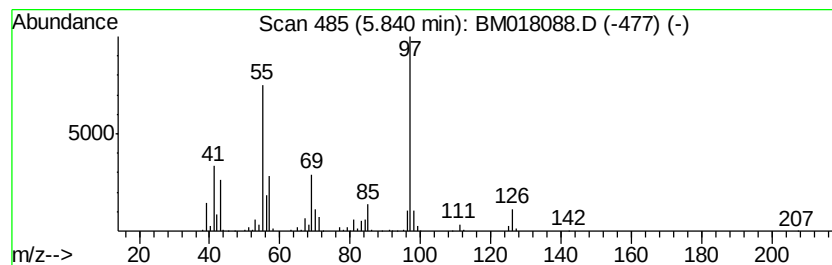
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic5.84 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	31.23 ng/ul	2375720	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	83
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	72
5		4-Hepten-3-one, 5-methyl-	126	C8H14O	001447-26-3	43



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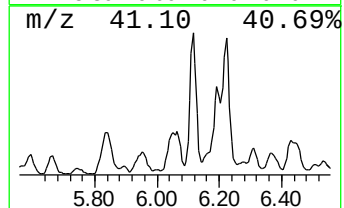
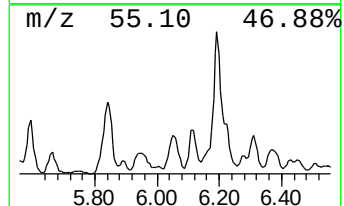
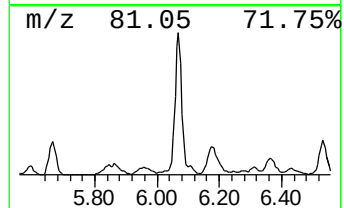
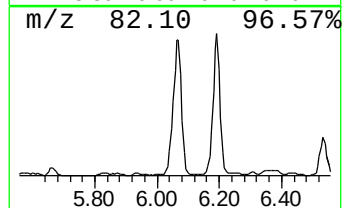
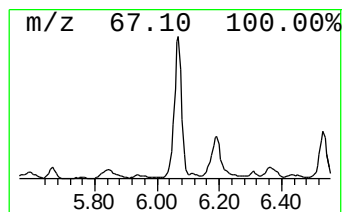
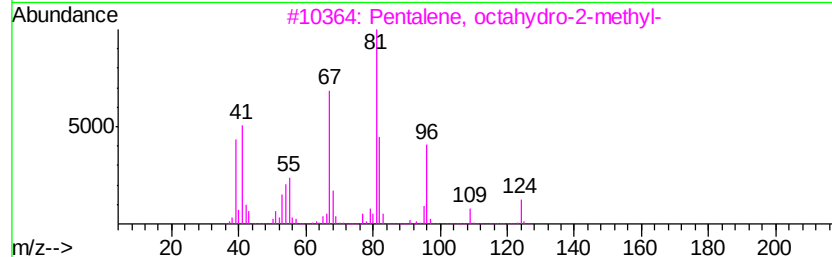
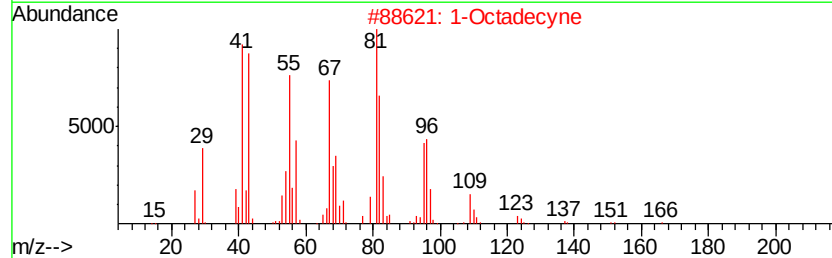
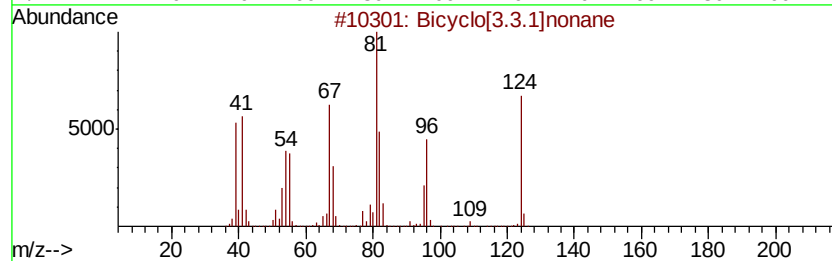
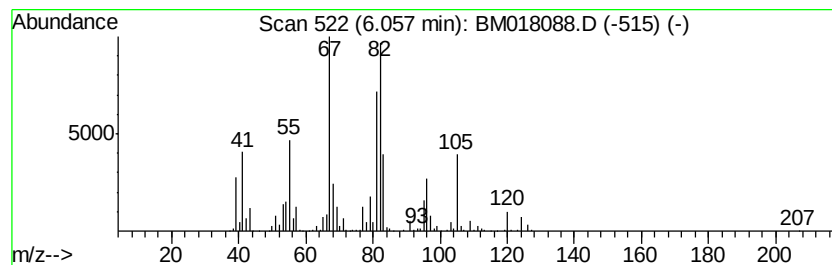
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Bicyclo[3.3.1]nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	39.75 ng/ul	3024030	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	53
2		1-Octadecyne	250	C18H34	000629-89-0	47
3		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38
5		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38



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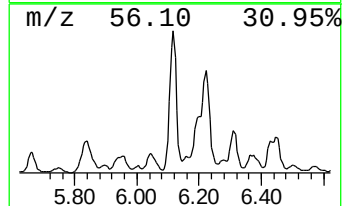
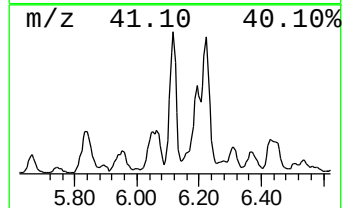
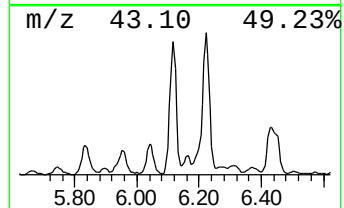
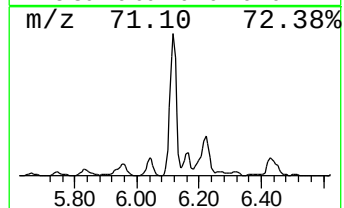
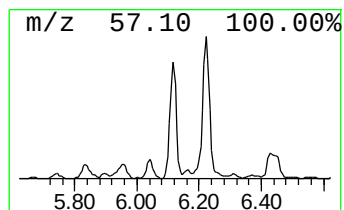
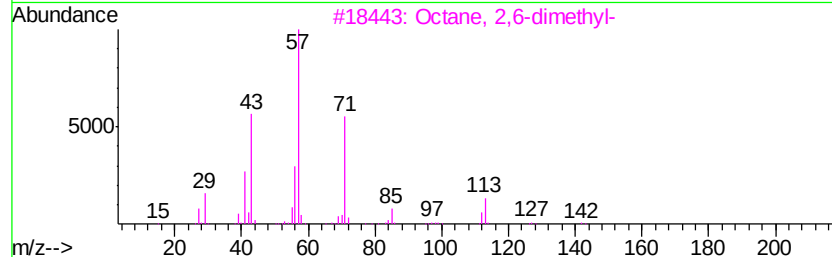
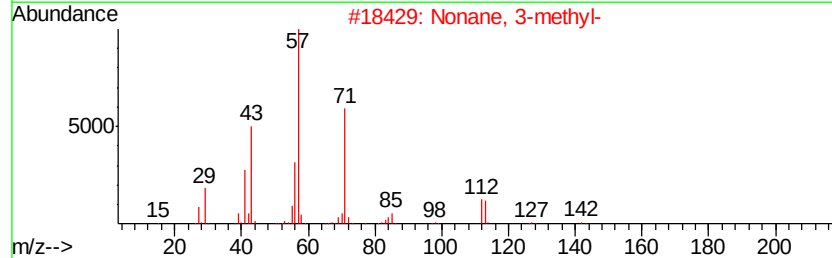
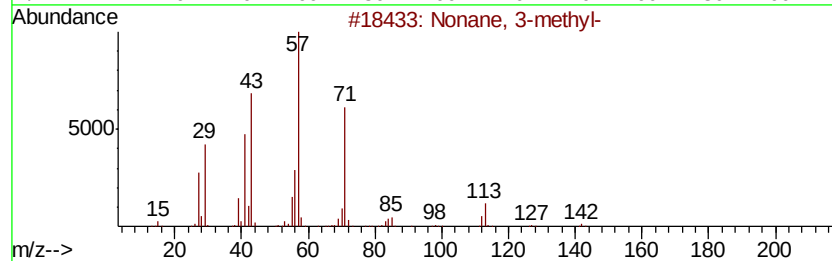
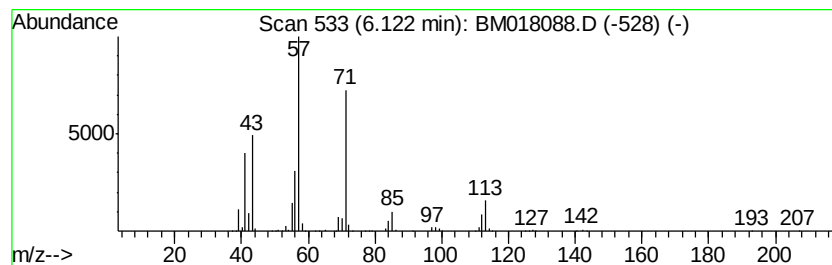
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Nonane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	38.64 ng/ul	2939500	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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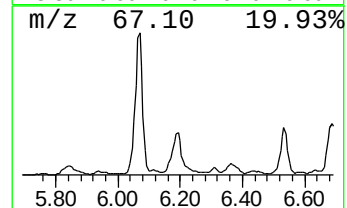
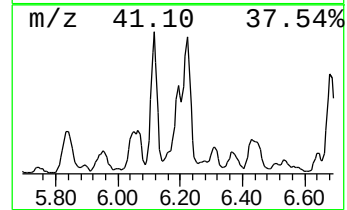
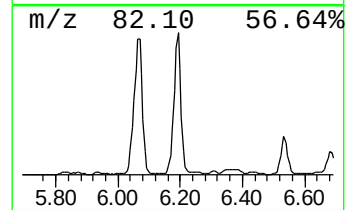
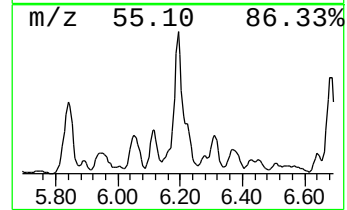
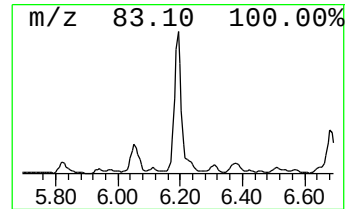
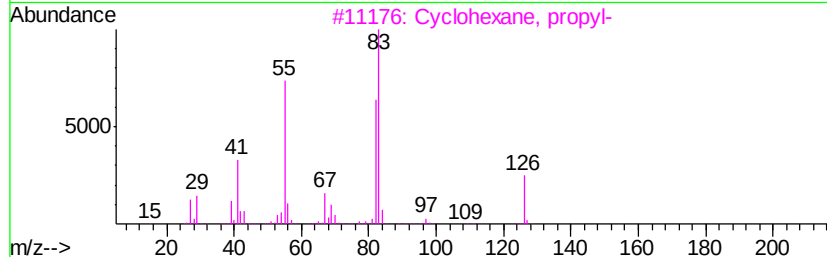
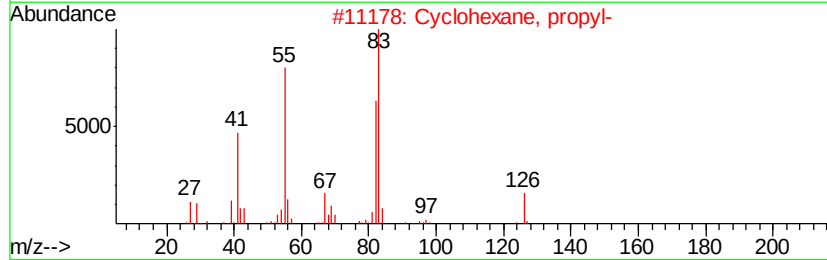
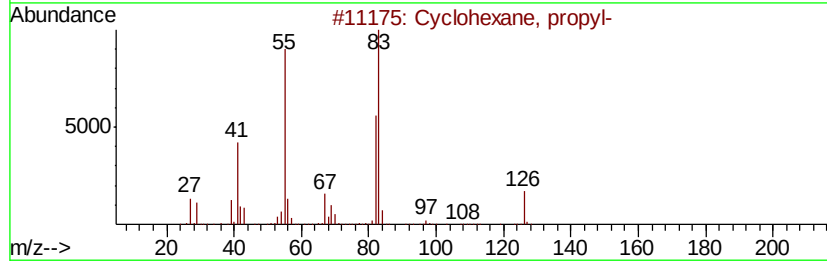
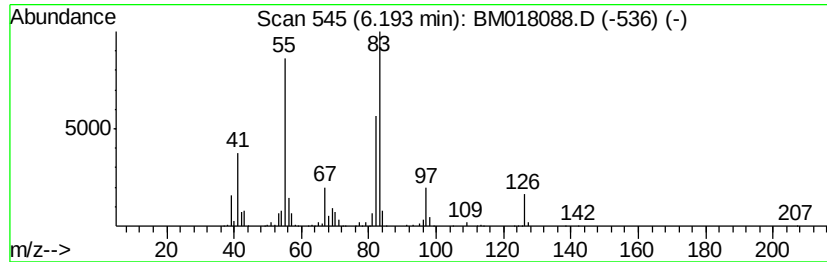
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic6.19 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	36.52 ng/ul	2778450	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	94
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	93
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	76
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	59



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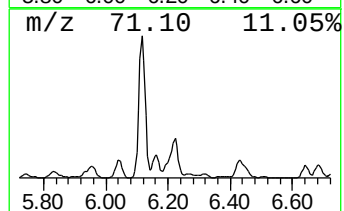
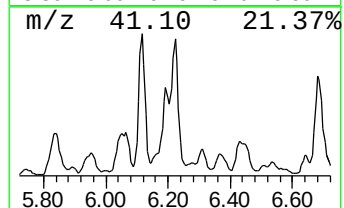
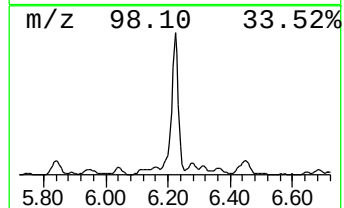
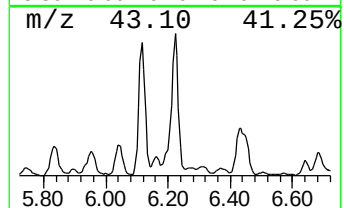
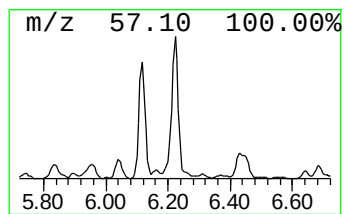
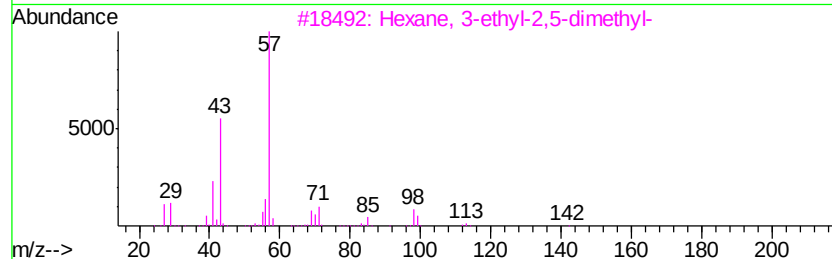
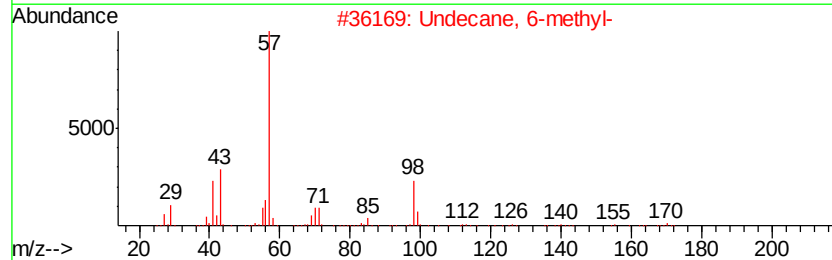
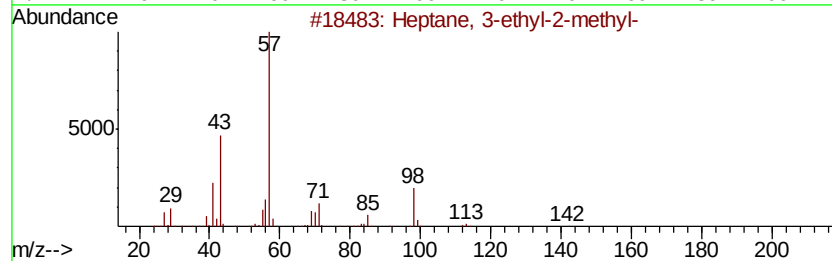
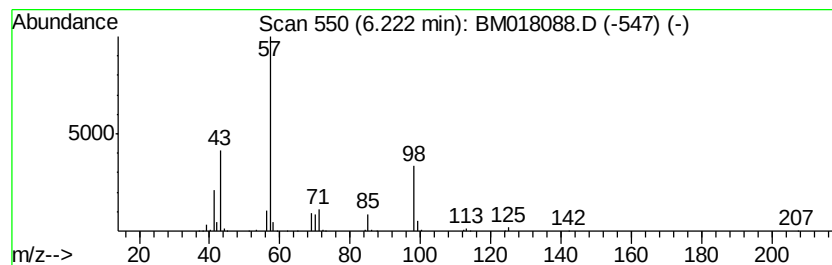
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	42.75 ng/ul	3252610	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2		Undecane, 6-methyl-	170	C12H26	017302-33-9	72
3		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	68
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
5		Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	59



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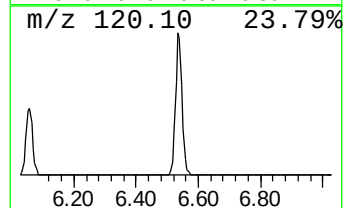
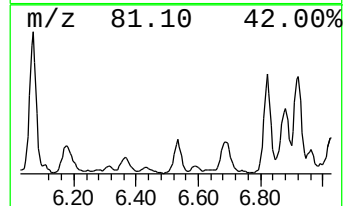
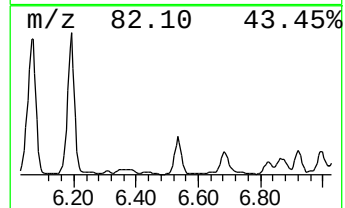
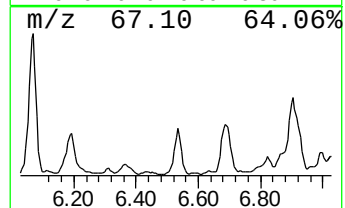
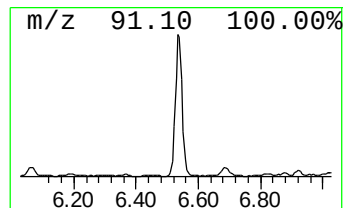
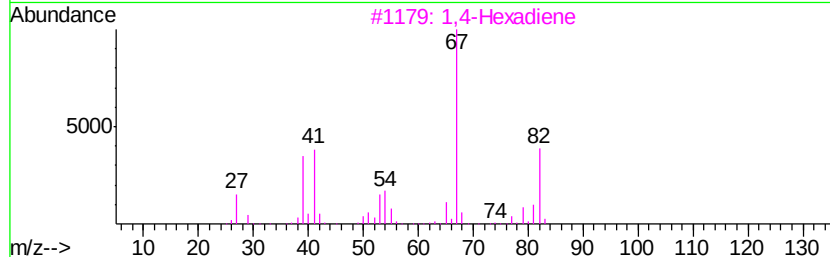
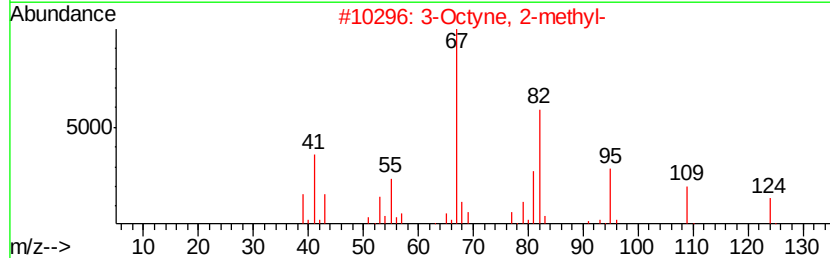
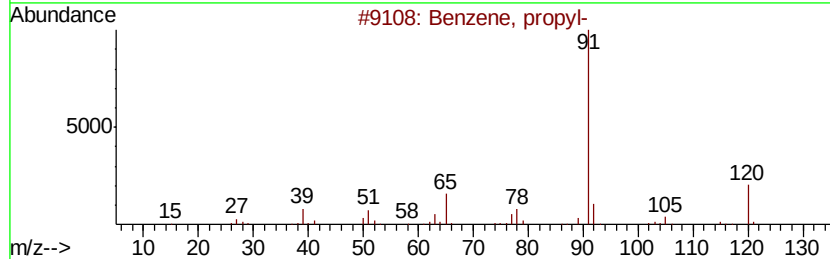
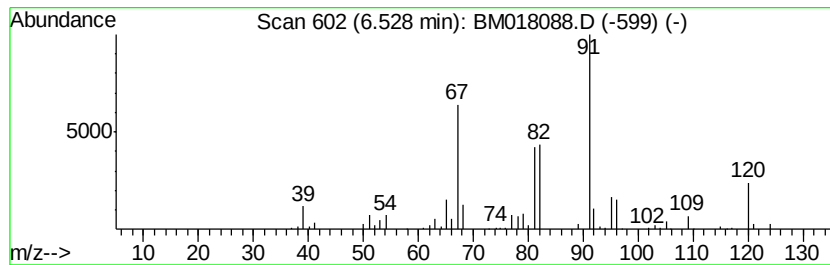
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, propyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.53	17.12 ng/ul	1302200	1,4-Dichlorobenzene-d4	7.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	60
2	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	50
3	1,4-Hexadiene	82	C6H10	000592-45-0	43
4	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	43
5	4-Methyl-2-pentyne	82	C6H10	021020-27-9	43



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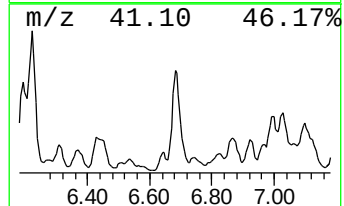
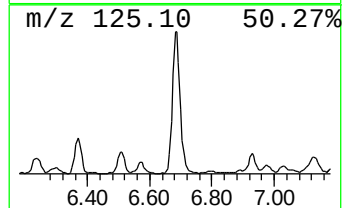
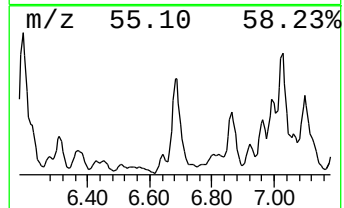
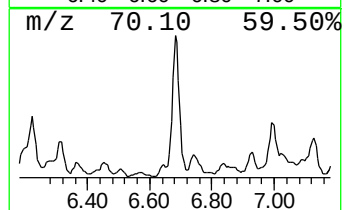
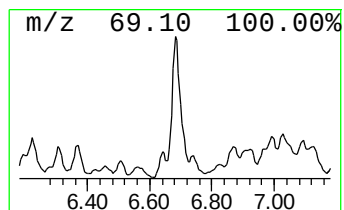
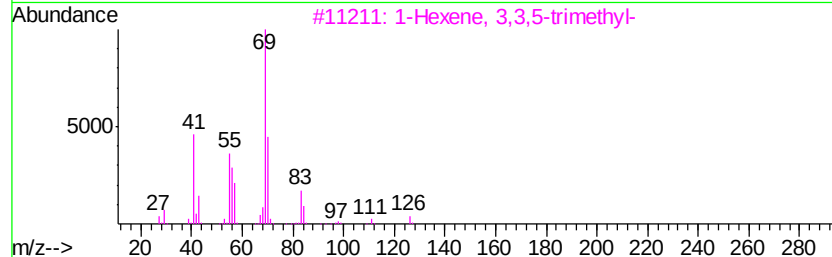
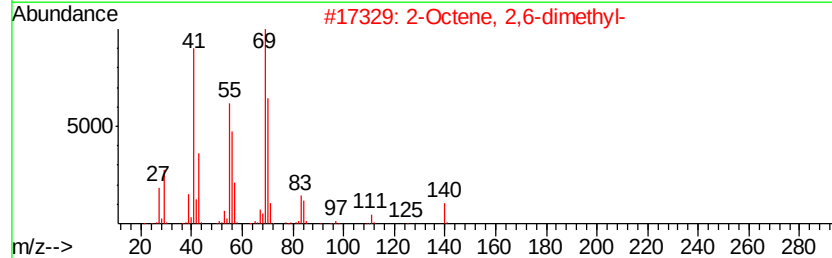
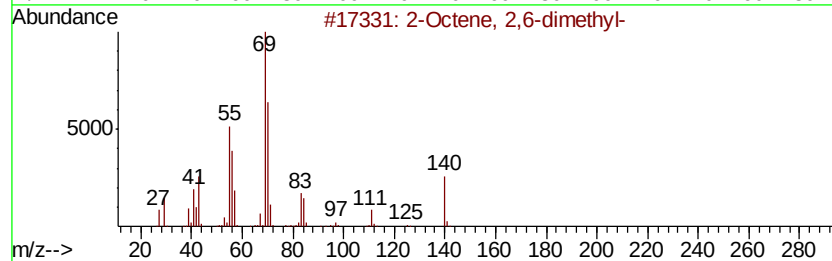
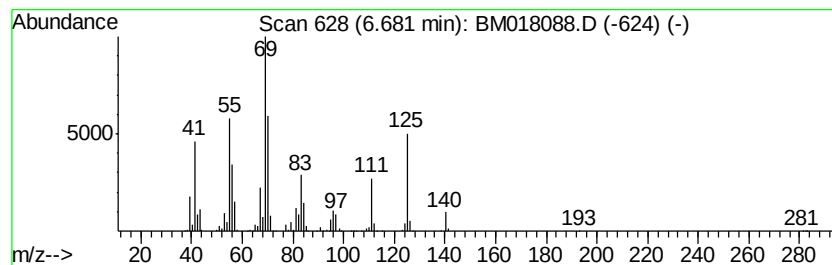
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic6.68 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	56.49 ng/ul	4297700	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	47
4		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	47
5		3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampled :
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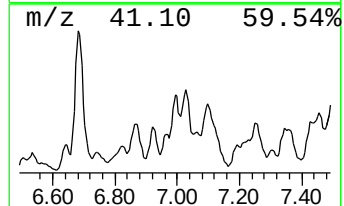
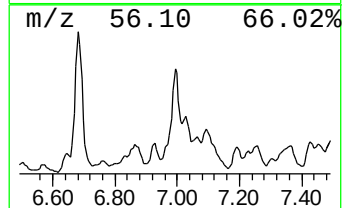
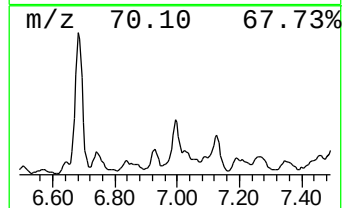
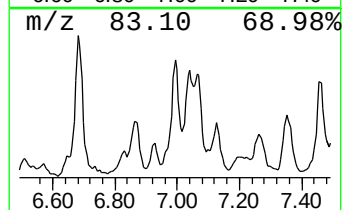
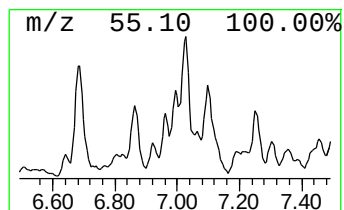
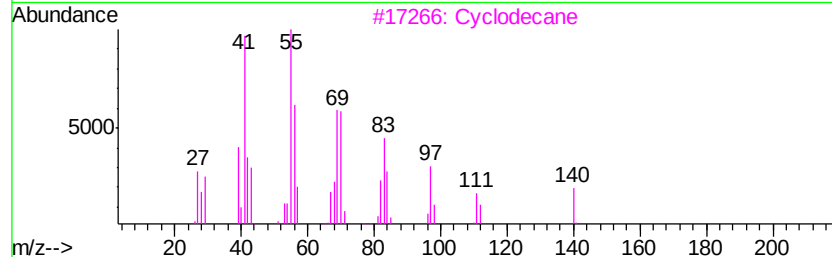
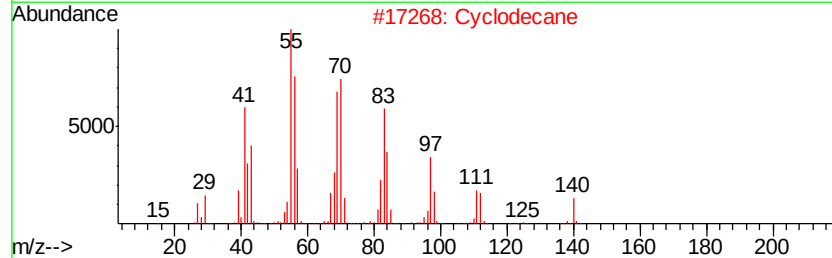
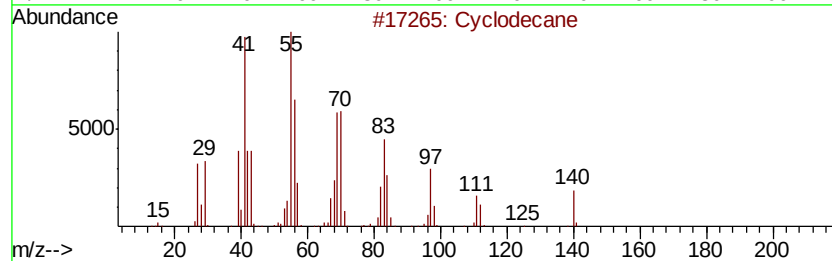
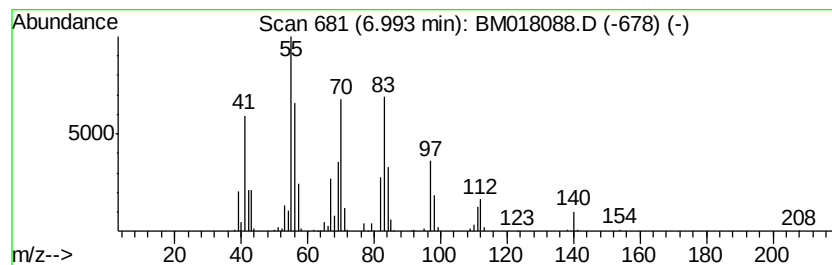
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic6.99 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	22.91 ng/ul	1742770	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodecane	140	C10H20	000293-96-9	94
2		Cyclodecane	140	C10H20	000293-96-9	91
3		Cyclodecane	140	C10H20	000293-96-9	91
4		1-Undecanol	172	C11H24O	000112-42-5	86
5		Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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ClientSampleId :
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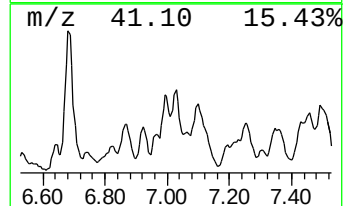
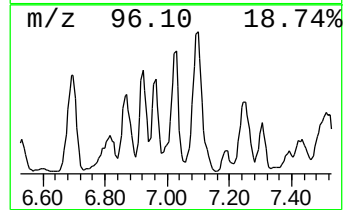
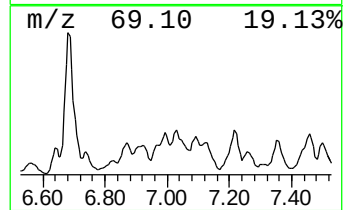
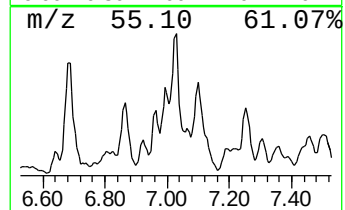
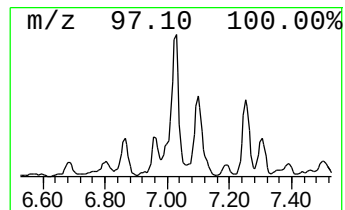
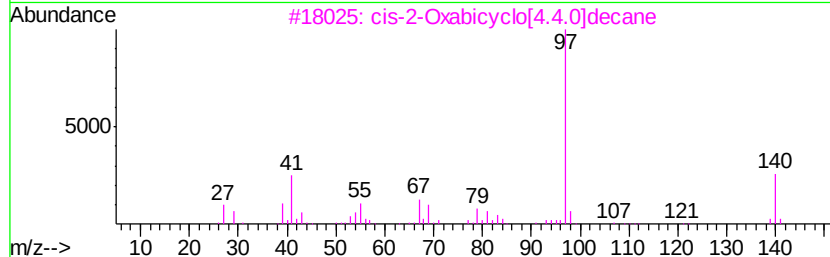
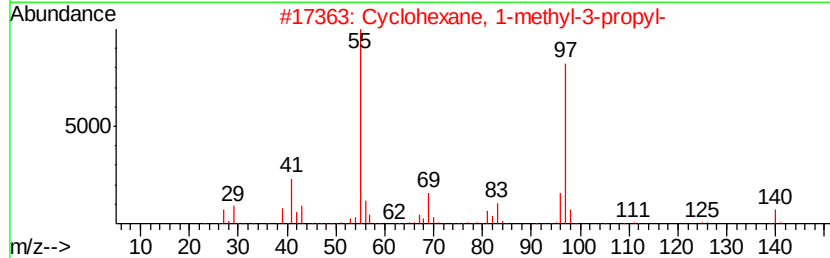
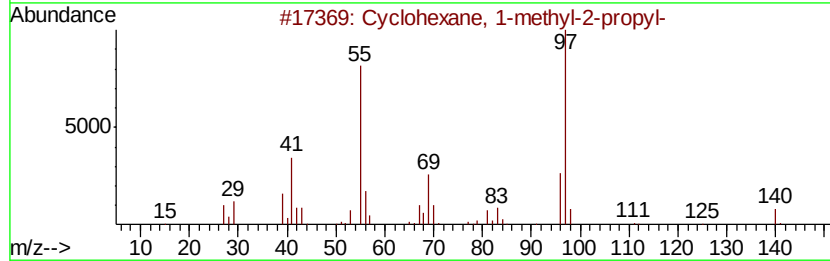
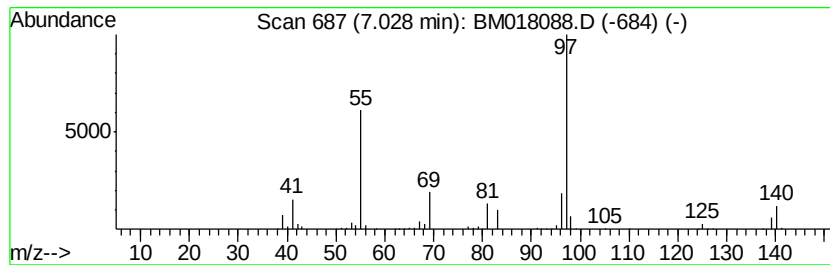
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic7.03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	31.81 ng/ul	2420230	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	86
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	80
3		cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	72
4		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
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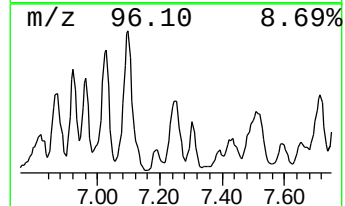
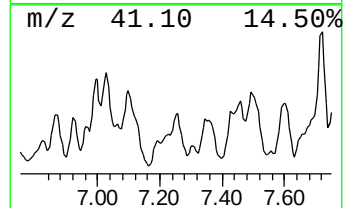
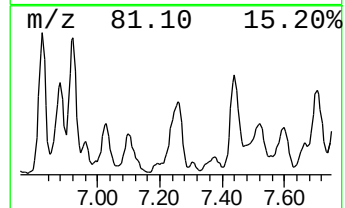
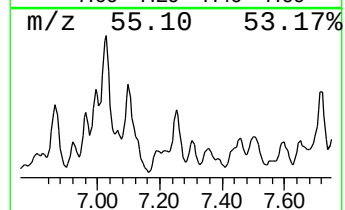
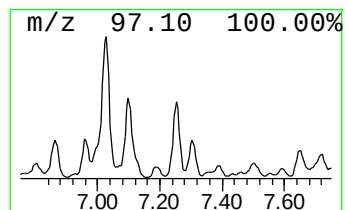
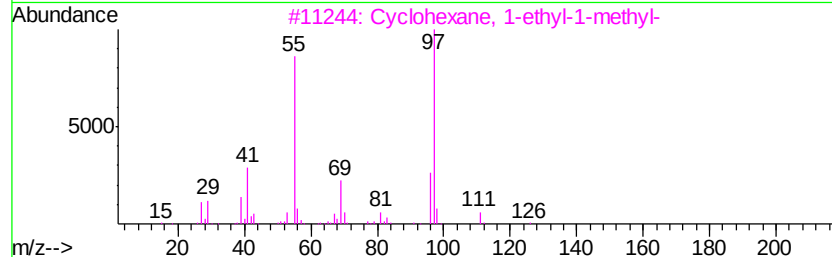
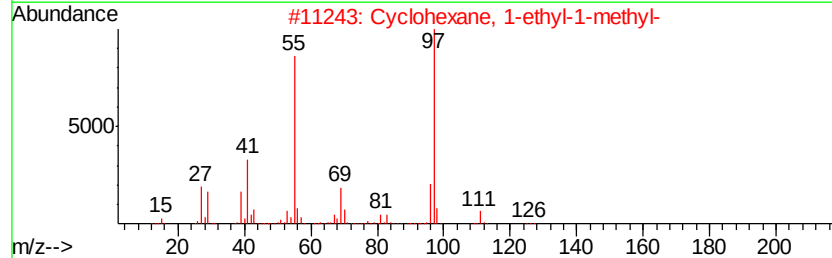
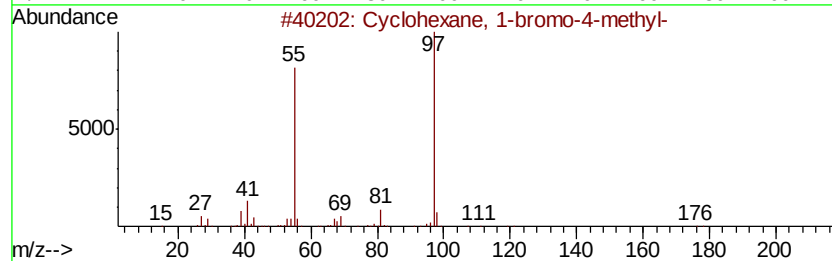
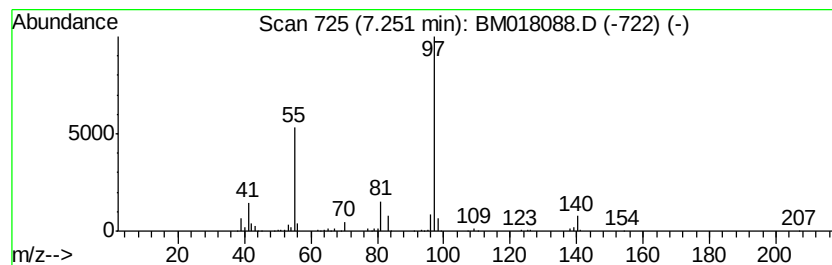
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Cyclohexane, 1-bromo-4-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	16.32 ng/ul	1241400	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	56
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
5		2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Sample : J6171-10
Misc :
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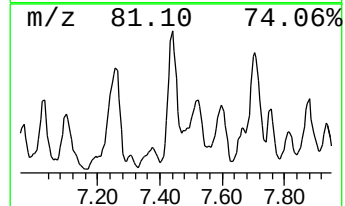
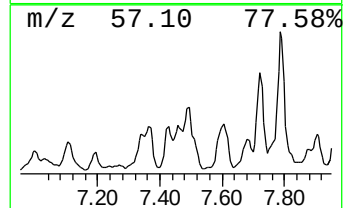
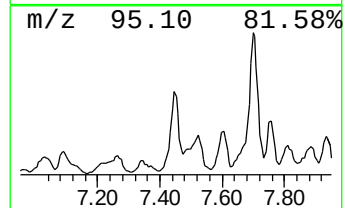
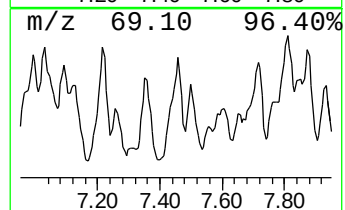
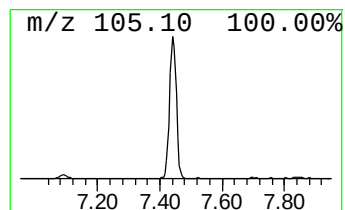
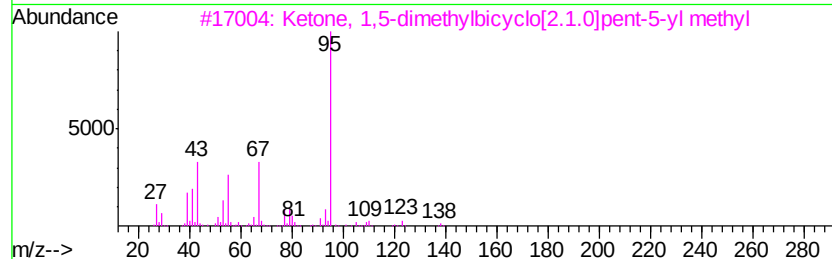
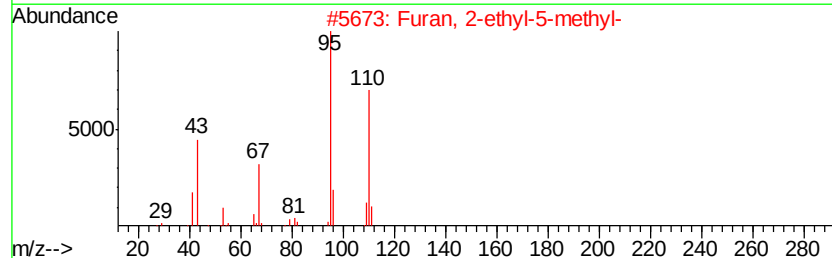
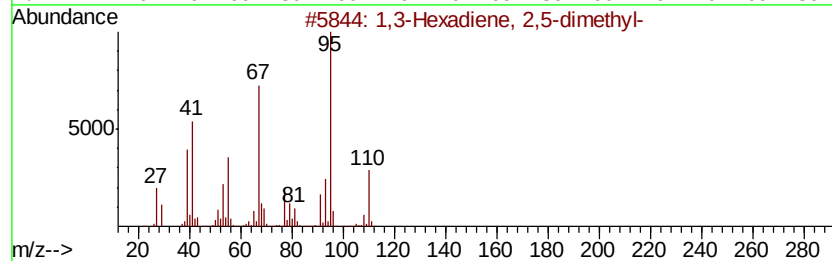
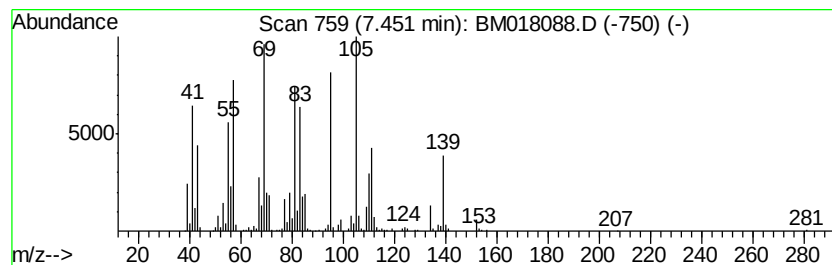
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	35.73 ng/ul	2718100	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	27
2		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	27
3		Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	25
4		Borneol	154	C10H18O	010385-78-1	22
5		.alpha.-Santoline alcohol	154	C10H18O	090823-36-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
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Misc :
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Instrument :
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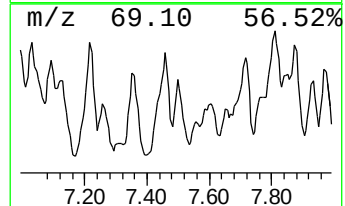
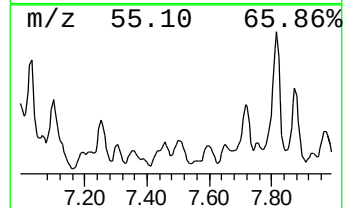
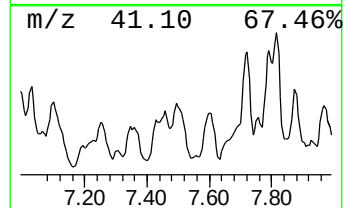
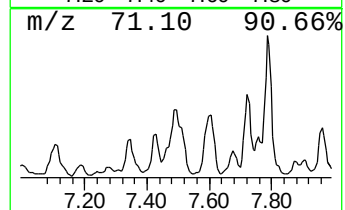
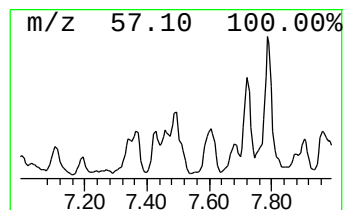
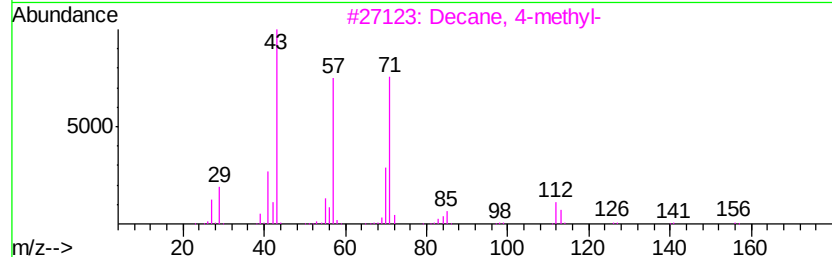
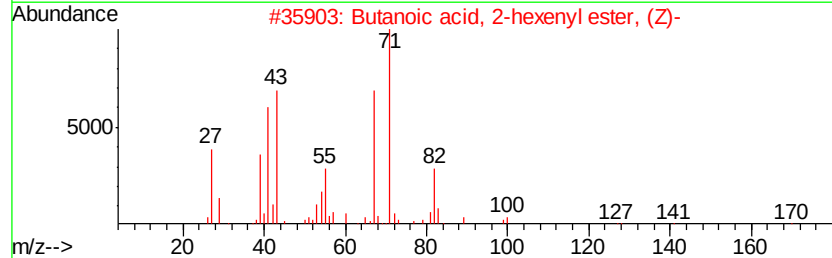
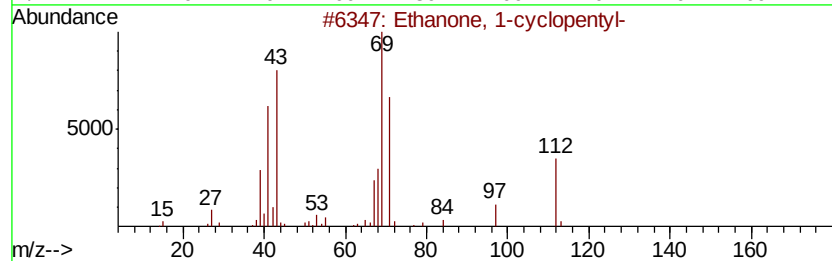
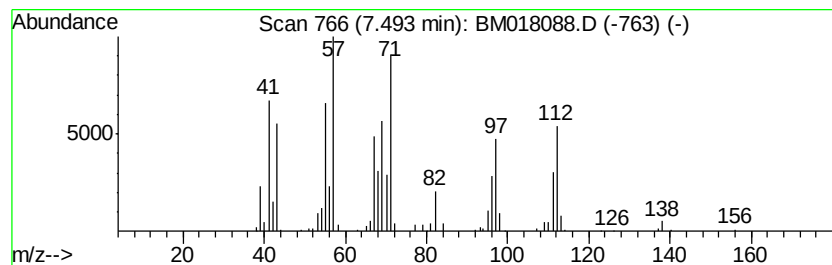
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	22.95 ng/ul	1746110	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	46
2		Butanoic acid, 2-hexenyl ester, ...	170	C10H18O2	056922-77-1	35
3		Decane, 4-methyl-	156	C11H24	002847-72-5	30
4		1H-Imidazole, 4,5-dihydro-2-(1-m...	112	C6H12N2	040029-86-5	22
5		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	22



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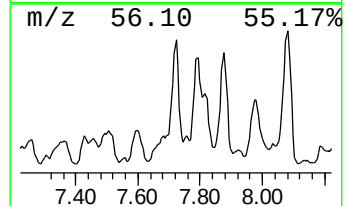
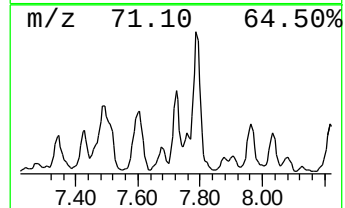
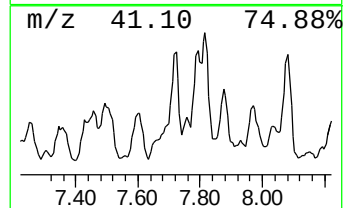
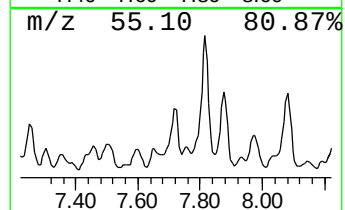
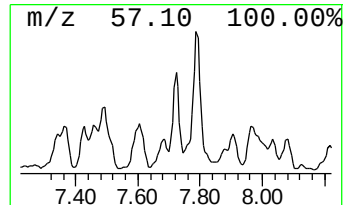
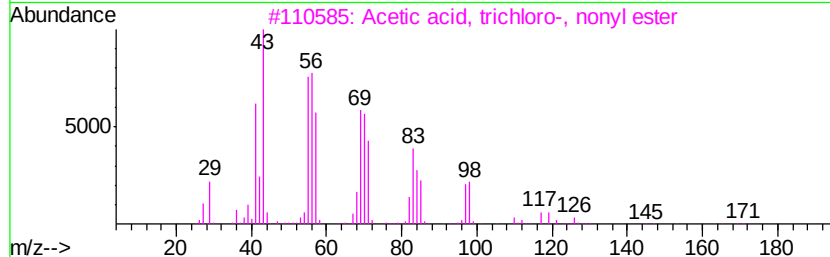
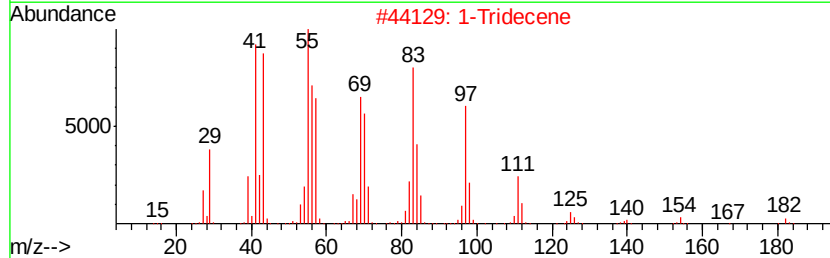
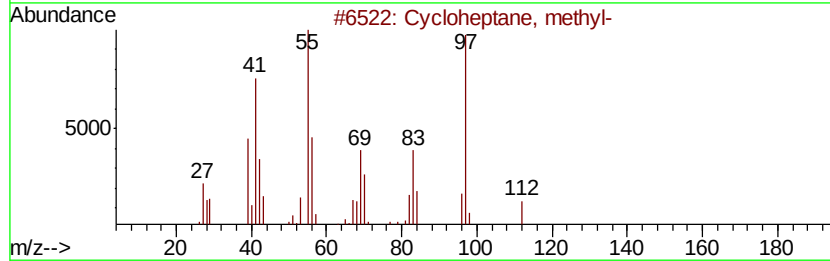
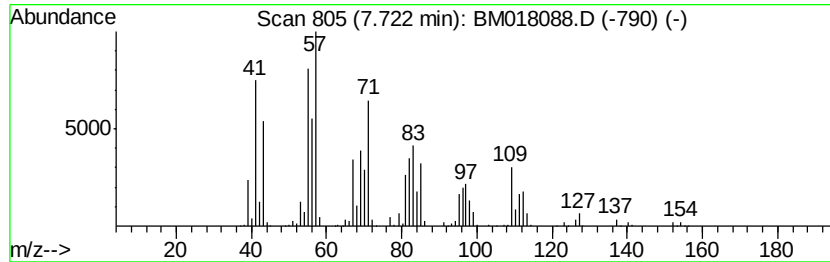
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic7.72 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	56.91 ng/ul	4329960	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, methyl-	112	C8H16	004126-78-7	45
2		1-Tridecene	182	C13H26	002437-56-1	38
3		Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	35
4		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	35
5		1-Nonene	126	C9H18	000124-11-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
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Sample : J6171-10
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampled :
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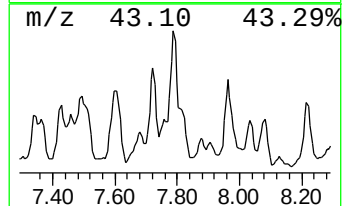
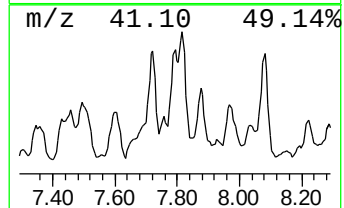
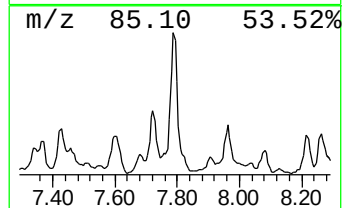
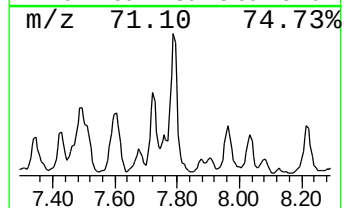
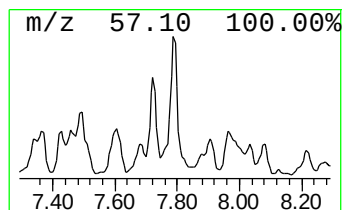
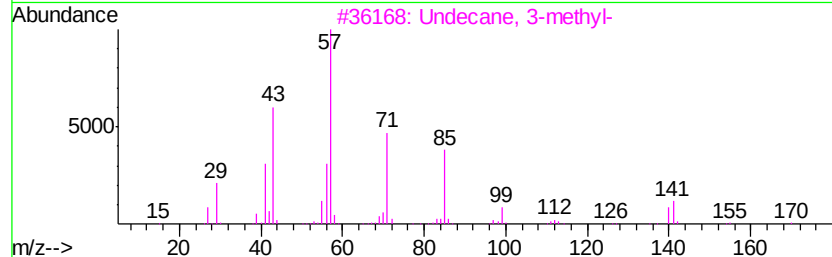
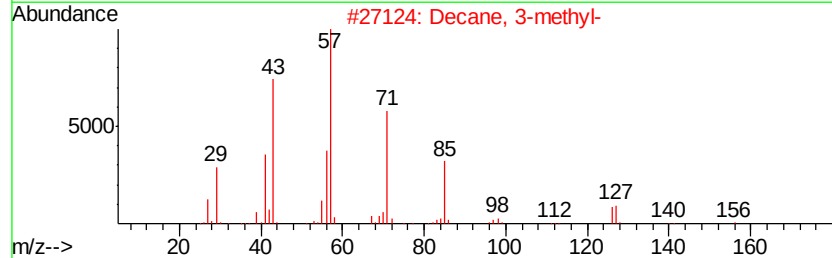
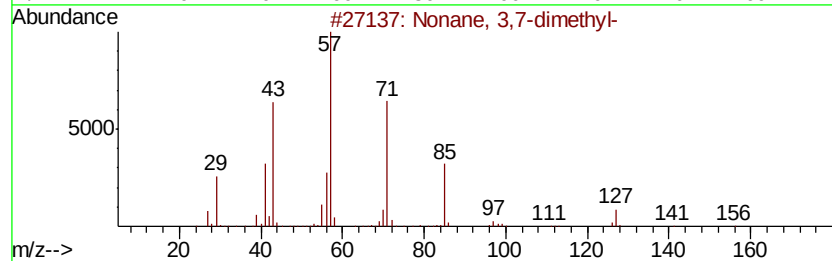
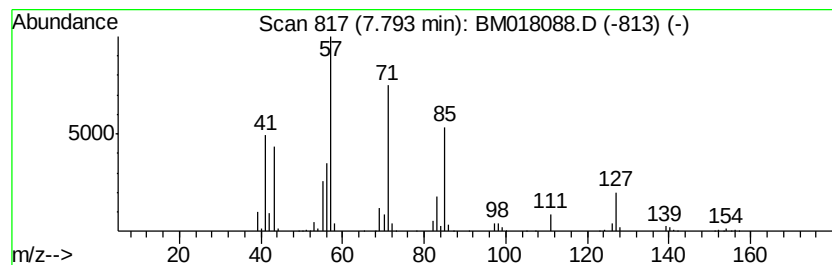
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	20.41 ng/ul	1552850	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2		Decane, 3-methyl-	156	C11H24	013151-34-3	90
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4		Hexadecane	226	C16H34	000544-76-3	59
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y14

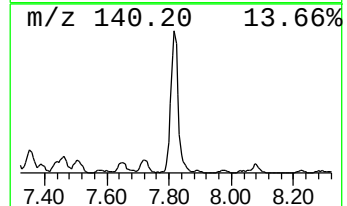
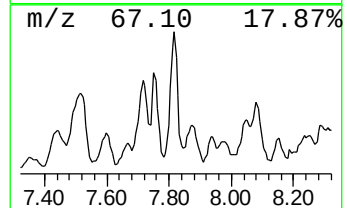
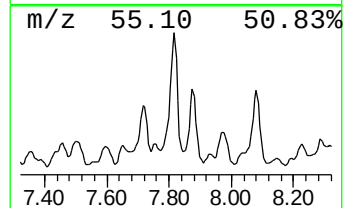
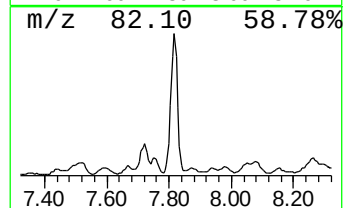
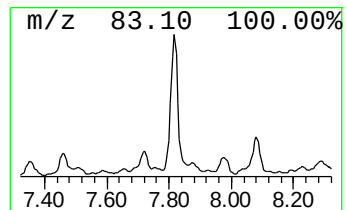
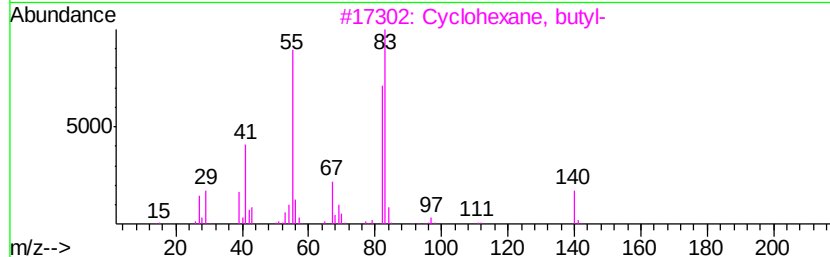
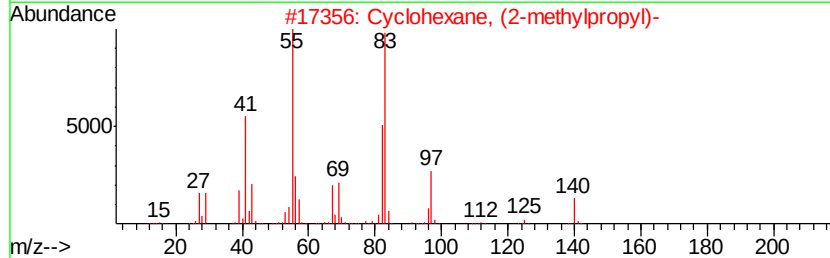
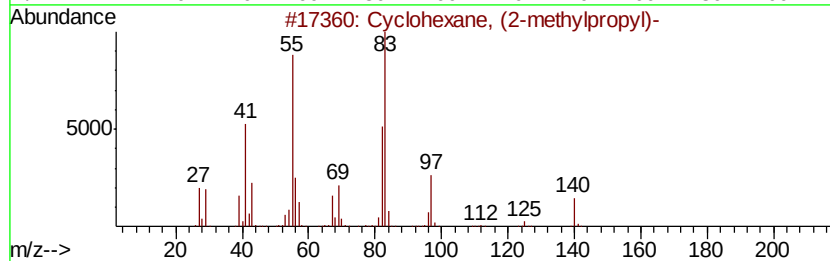
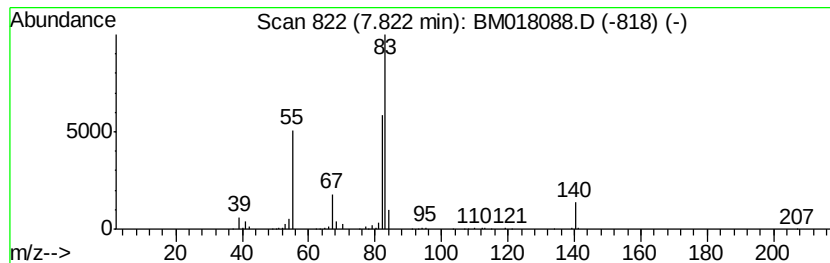
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic7.82 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	34.99 ng/ul	2662290	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	78
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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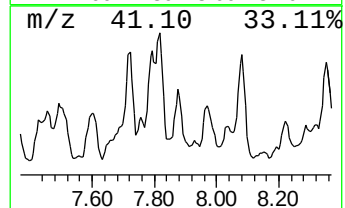
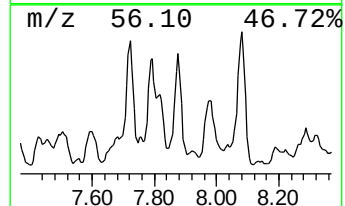
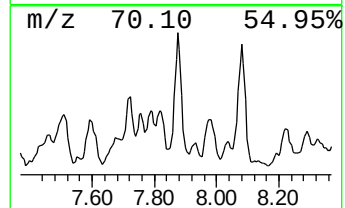
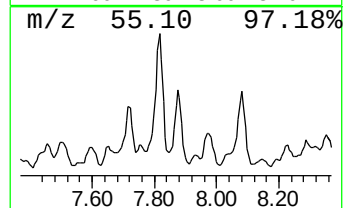
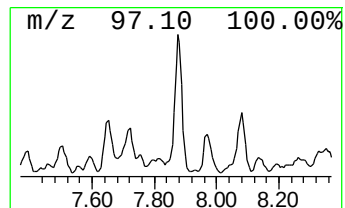
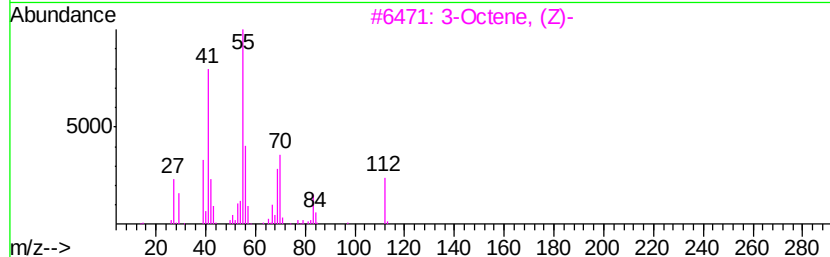
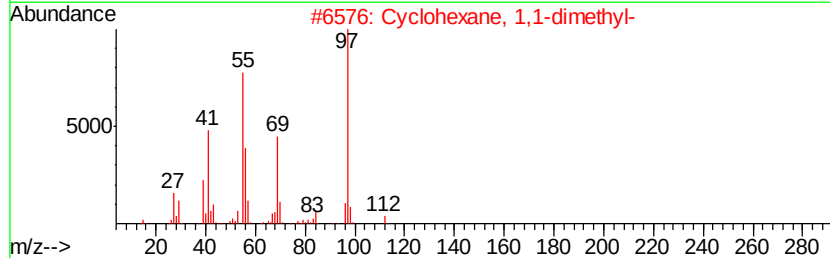
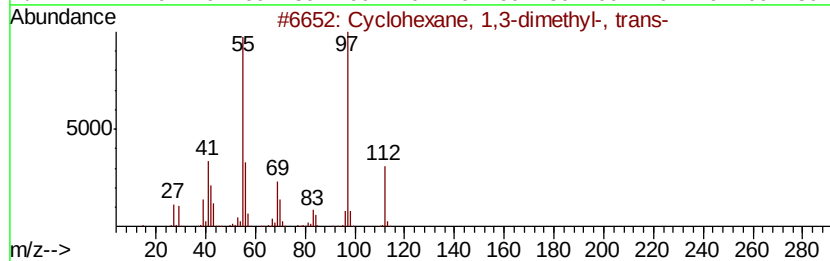
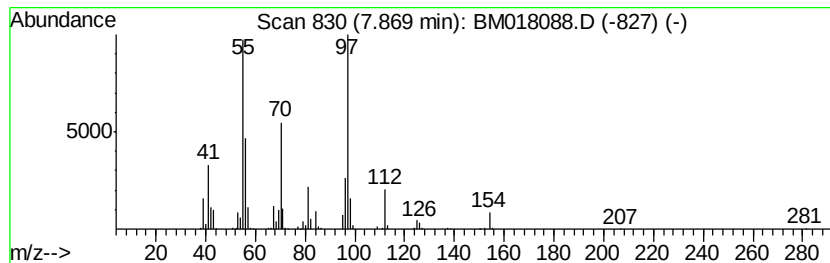
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic7.87 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	18.81 ng/ul	1431240	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	59
3		3-Octene, (Z)-	112	C8H16	014850-22-7	50
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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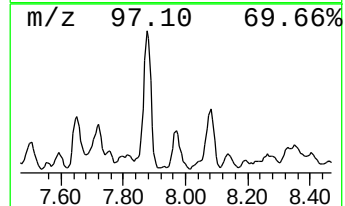
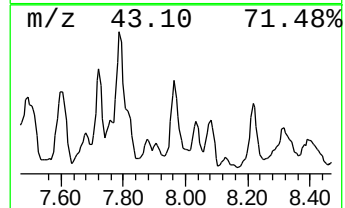
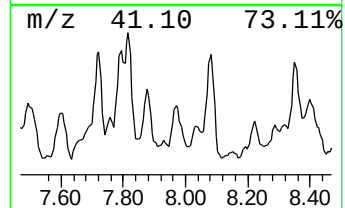
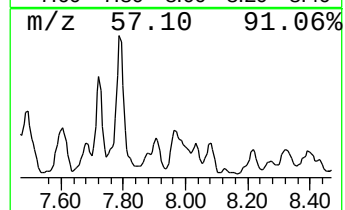
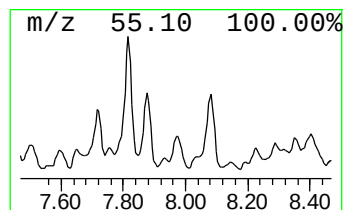
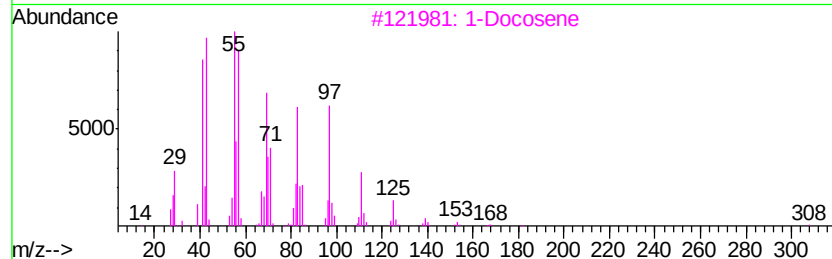
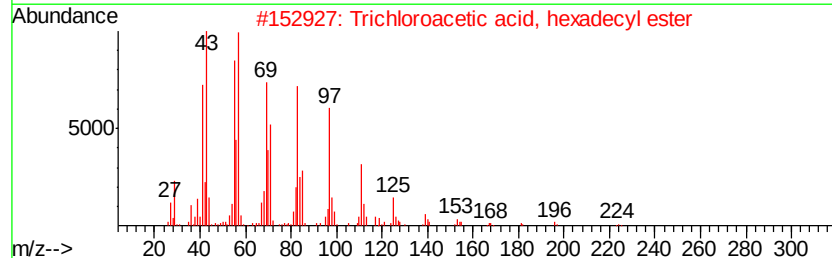
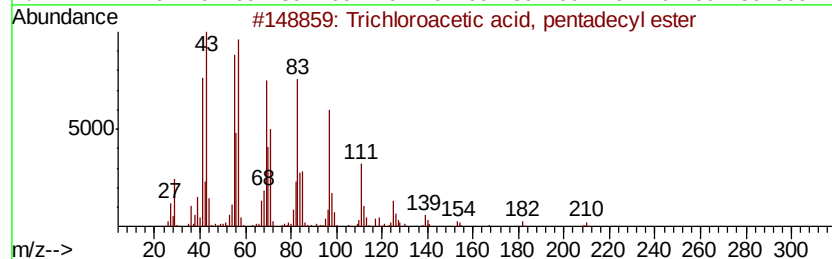
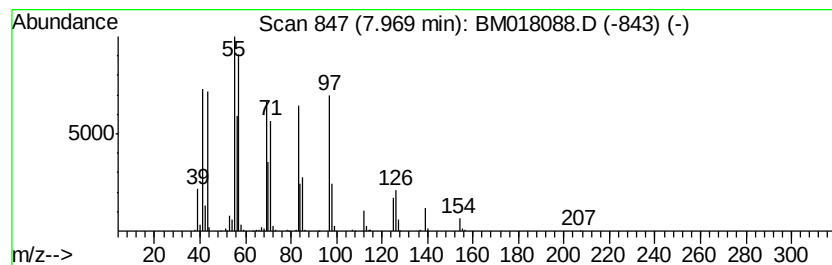
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Trichloroacetic acid, penta... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	14.09 ng/ul	1071970	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
3		1-Docosene	308	C22H44	001599-67-3	80
4		1-Nonadecene	266	C19H38	018435-45-5	64
5		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Misc :
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Instrument :
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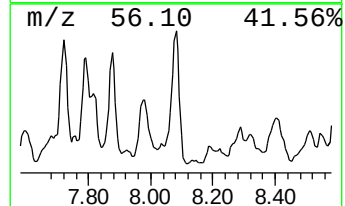
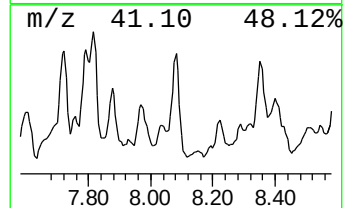
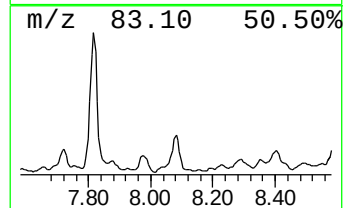
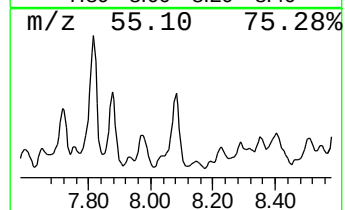
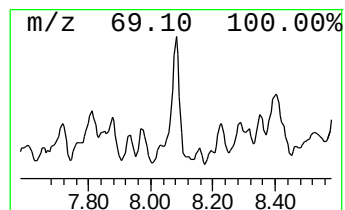
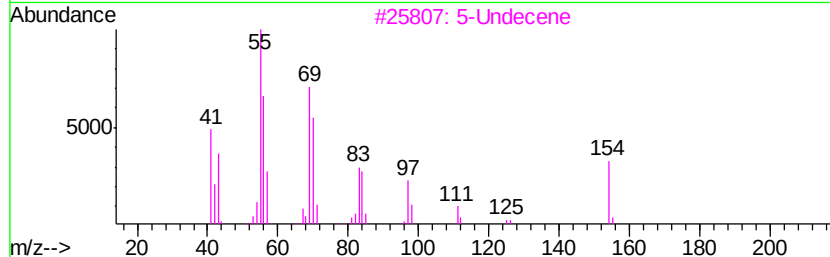
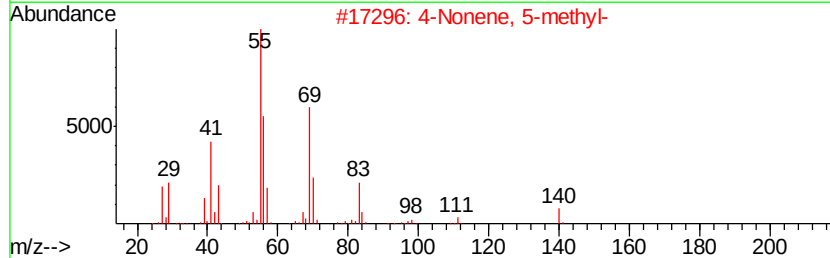
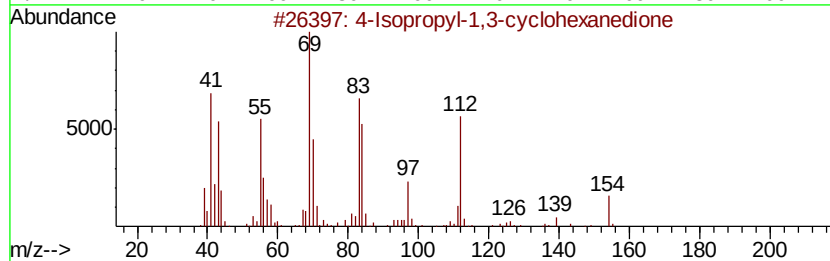
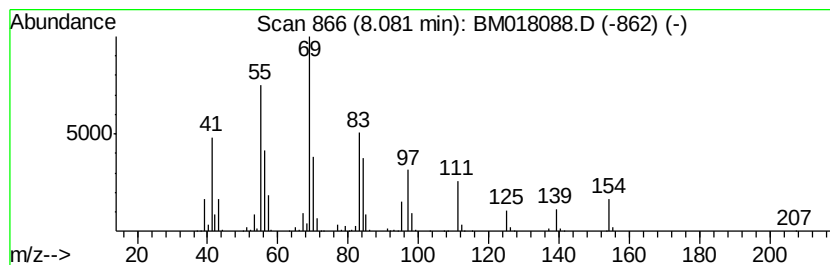
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 4-Isopropyl-1,3-cyclohexane... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	34.88 ng/ul	2653720	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	64
2		4-Nonene, 5-methyl-	140	C10H20	015918-07-7	59
3		5-Undecene	154	C11H22	004941-53-1	59
4		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	50
5		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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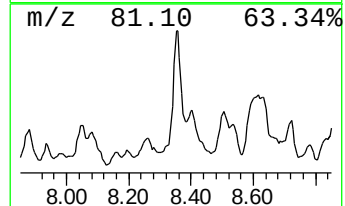
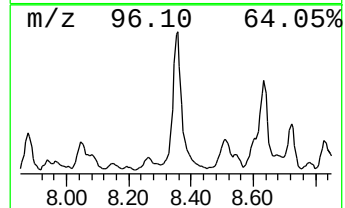
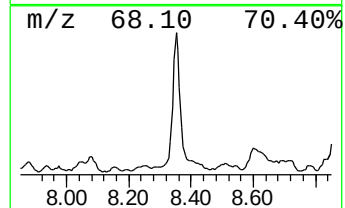
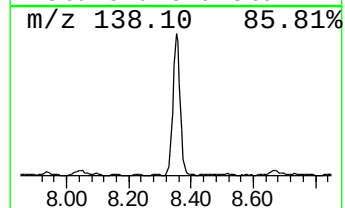
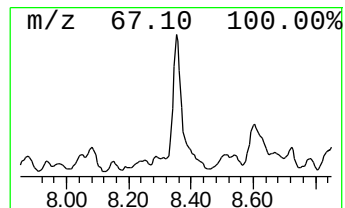
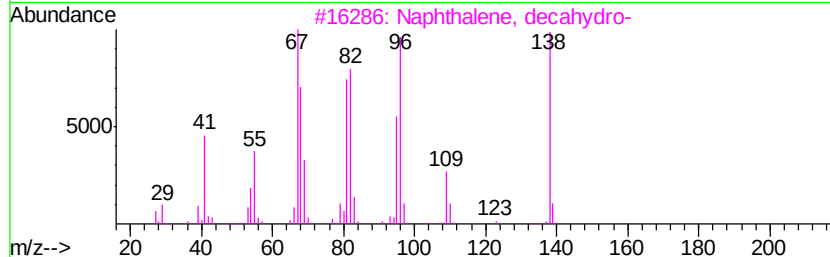
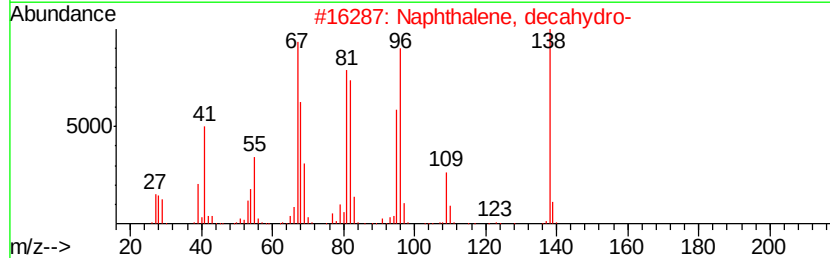
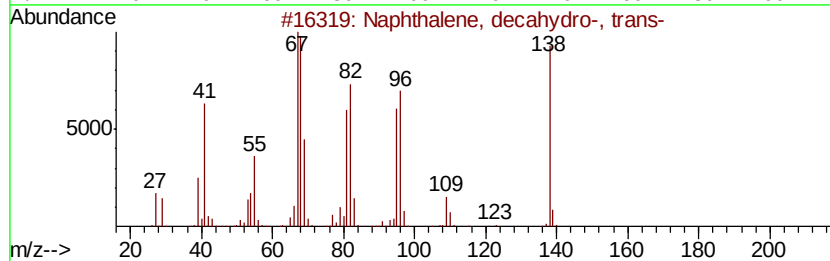
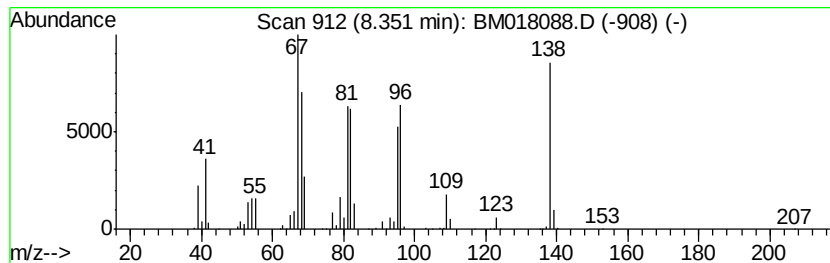
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	31.67 ng/ul	2409770	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
4		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
5		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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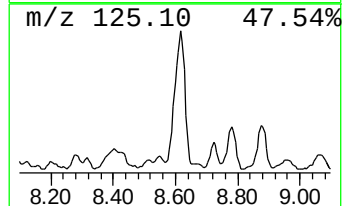
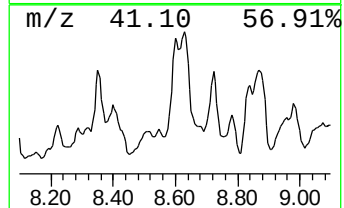
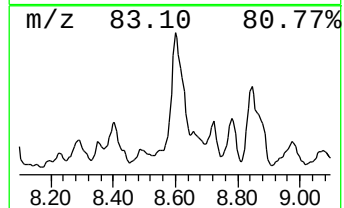
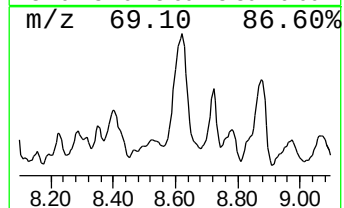
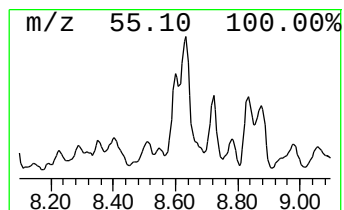
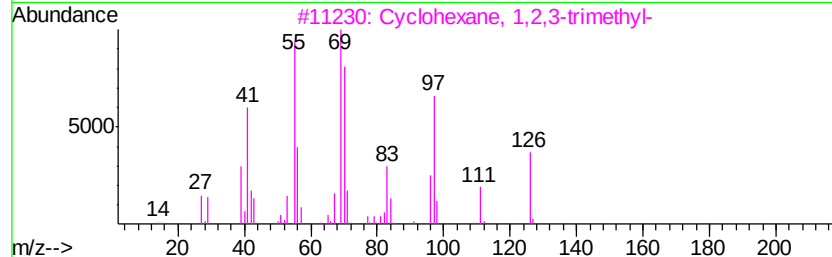
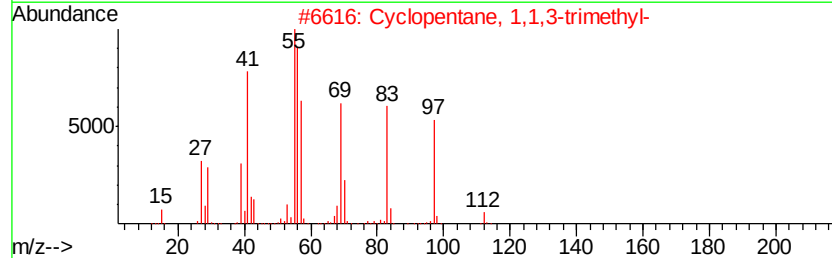
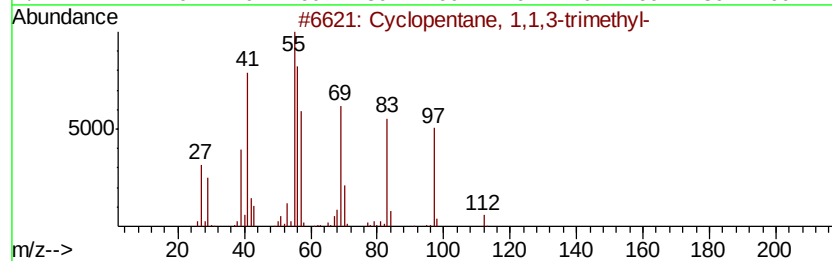
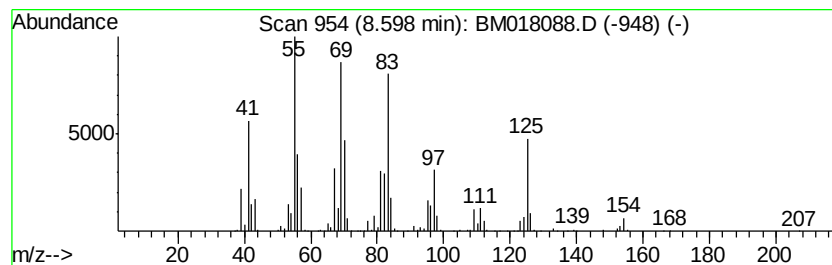
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Cyclic8.60 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	39.74 ng/ul	3023440	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
2		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
3		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	41
4		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
5		4,4,8-Trimethyl-non-5-enal	182	C12H22O	066822-00-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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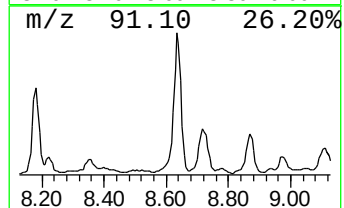
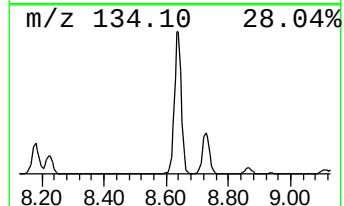
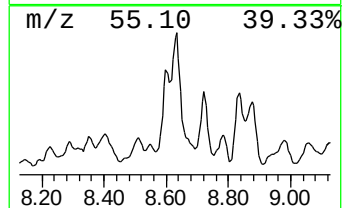
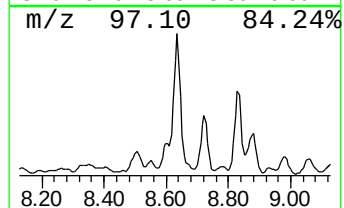
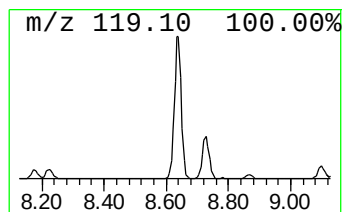
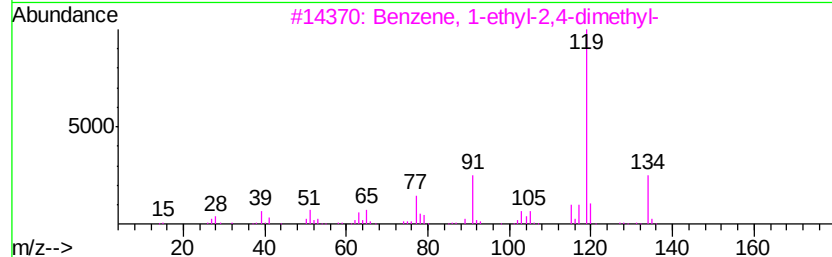
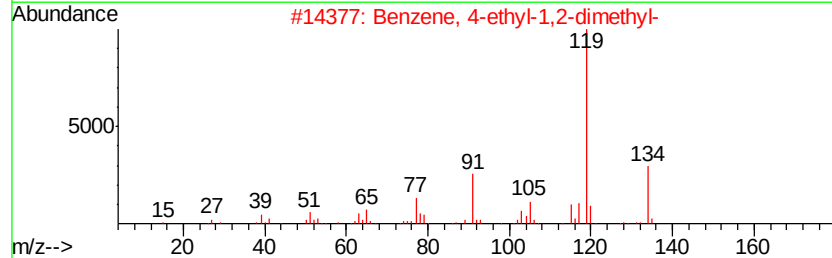
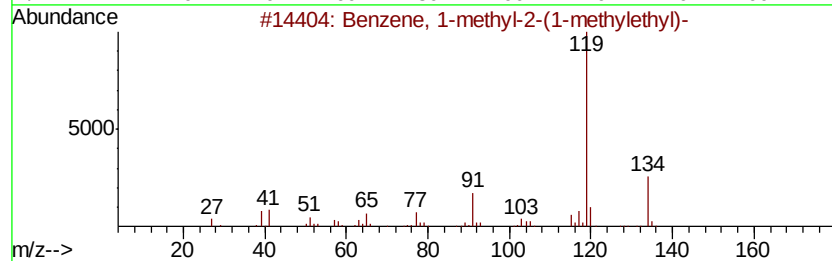
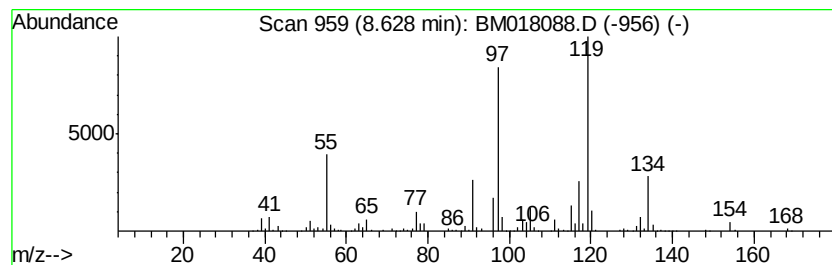
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzene, 1-methyl-2-(1-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	84.22 ng/ul	6407960	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	86
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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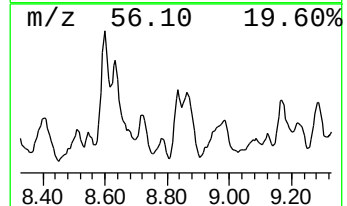
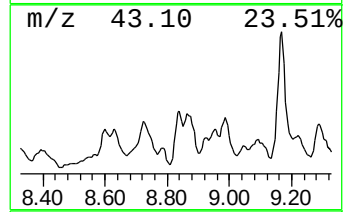
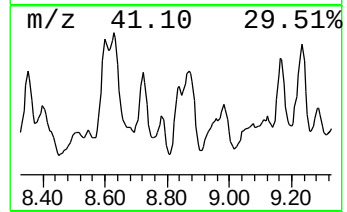
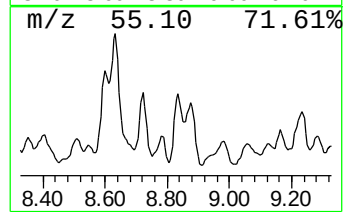
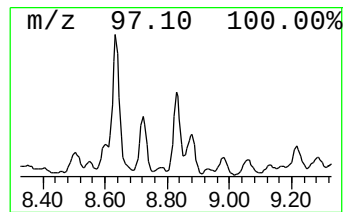
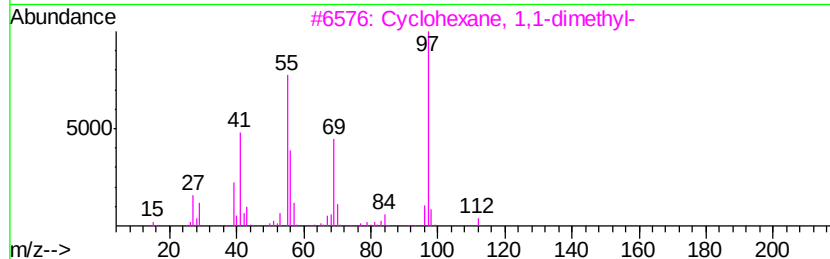
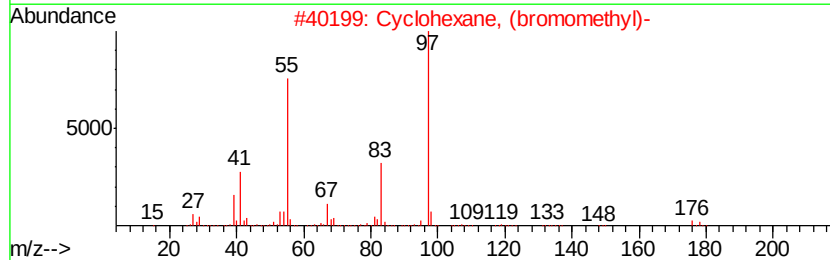
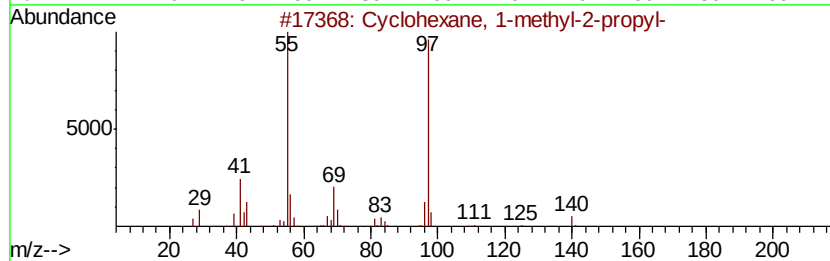
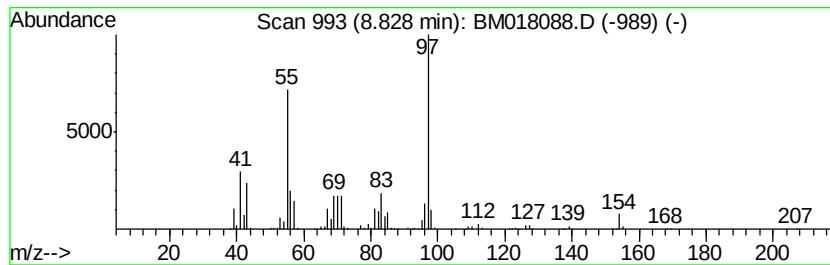
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Cyclic8.83 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	26.38 ng/ul	2006870	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
2		Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	50
3		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	47
5		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
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Instrument :
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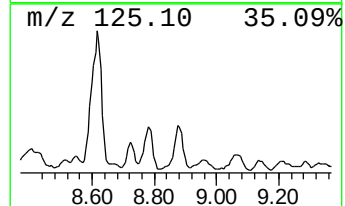
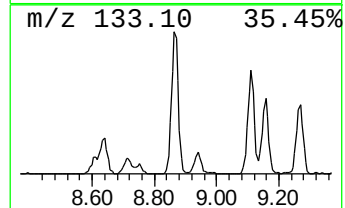
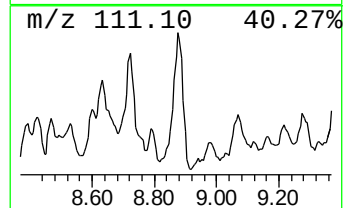
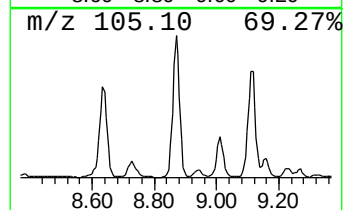
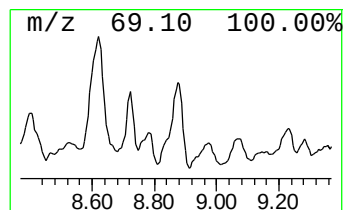
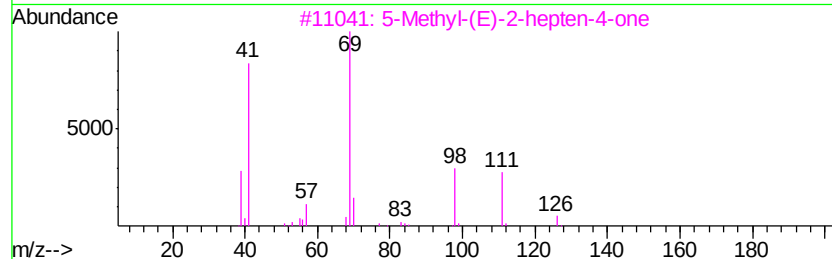
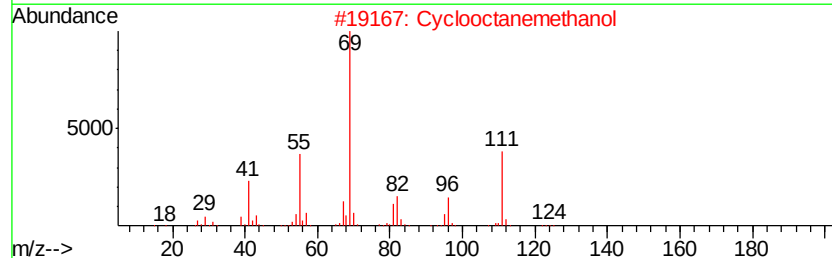
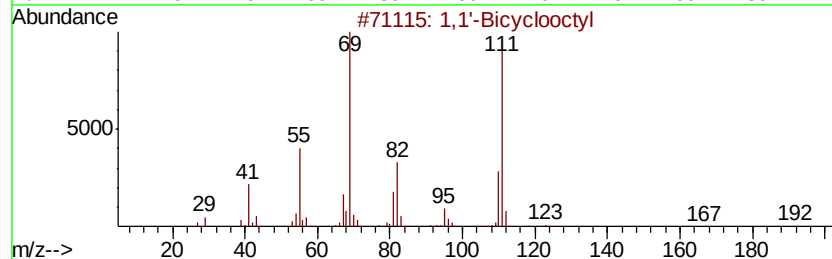
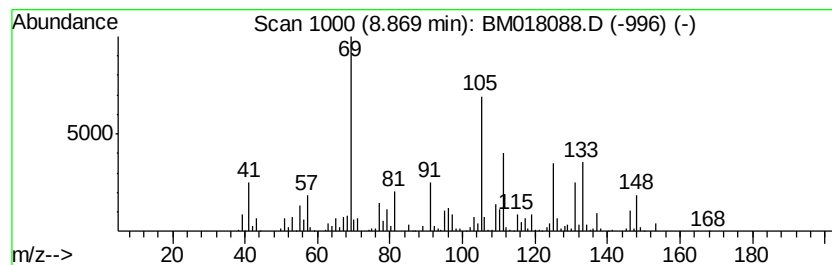
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	53.11 ng/ul	4041030	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Bicyclooctyl	222	C16H30	006708-17-4	43
2			Cyclooctanemethanol	142	C9H18O	003637-63-6	43
3			5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	38
4			Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	37
5			Cyclooctyl bromide	190	C8H15Br	001556-09-8	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampled :
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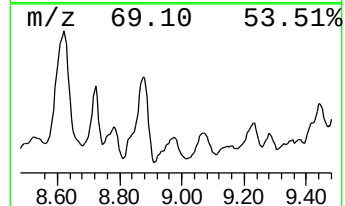
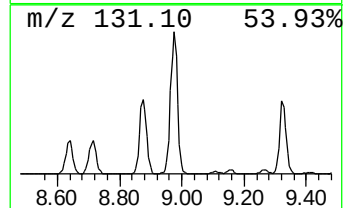
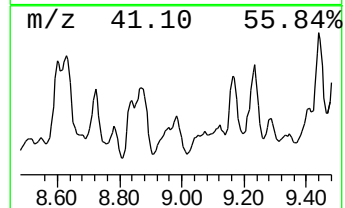
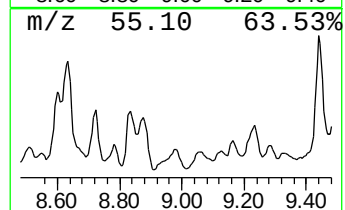
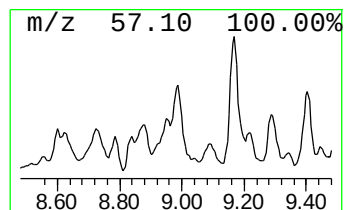
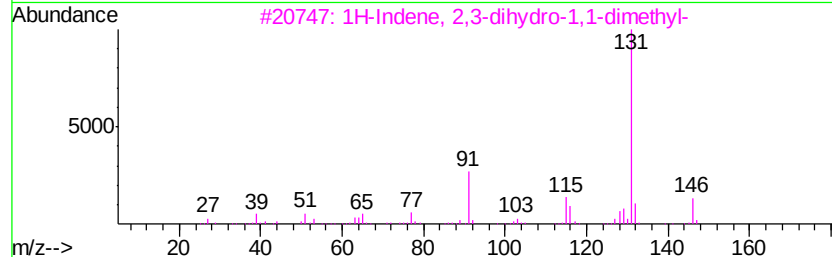
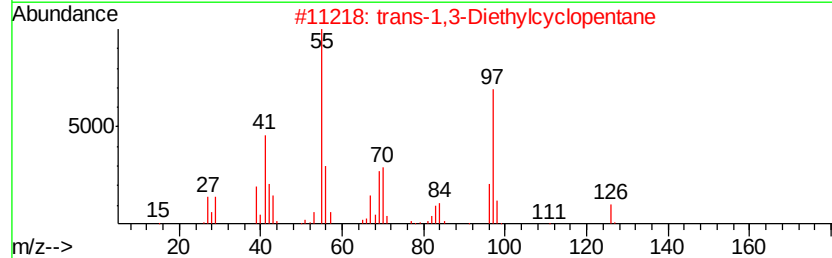
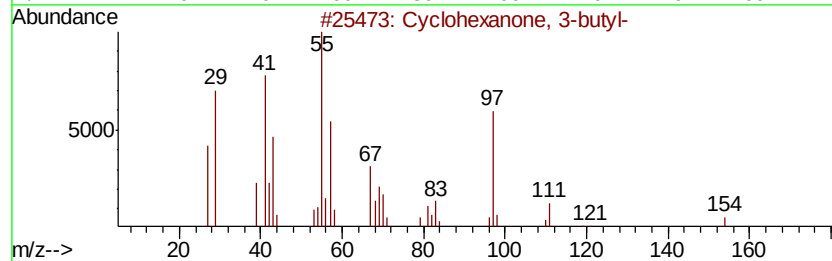
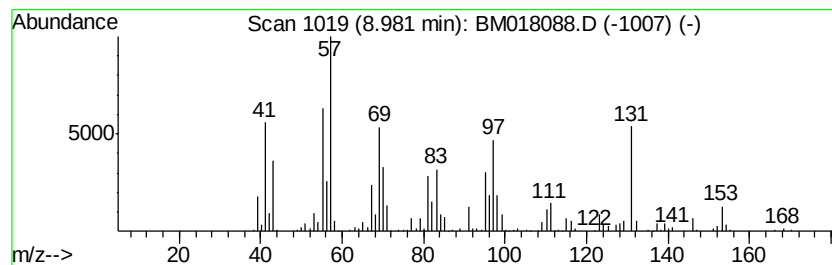
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-04 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	15.38 ng/ul	3118220	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	27
2		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	27
3		1H-Indene, 2,3-dihydro-1,1-dimethyl-	146	C11H14	004912-92-9	25
4		3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	22
5		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
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Instrument :
BNA_M
ClientSampleId :
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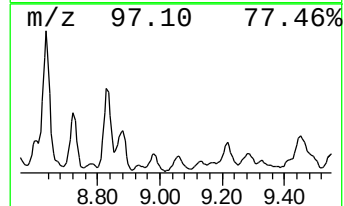
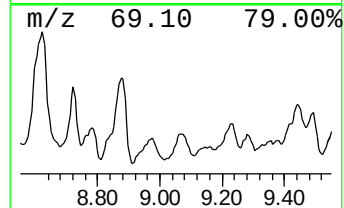
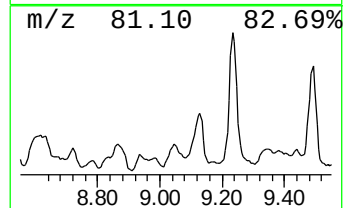
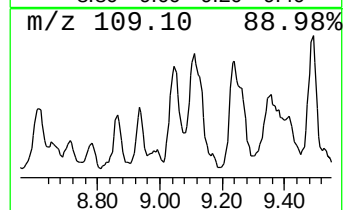
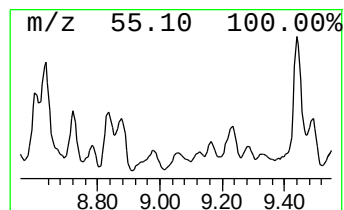
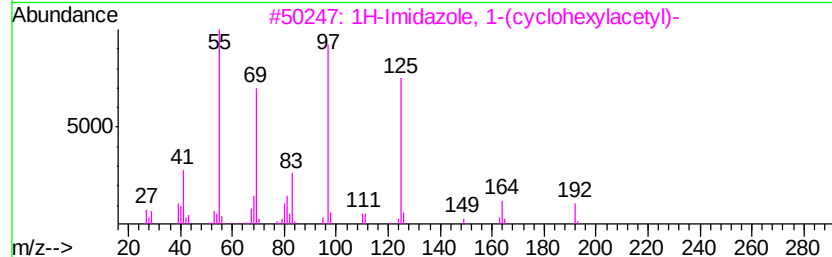
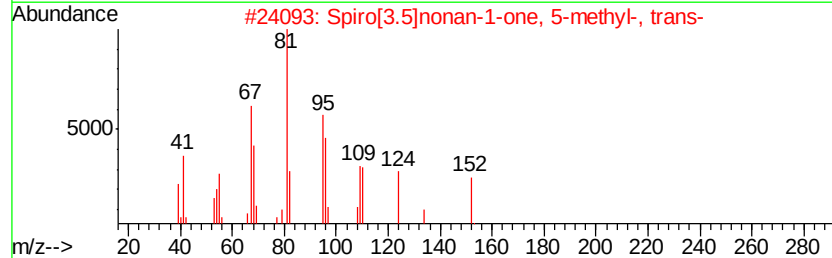
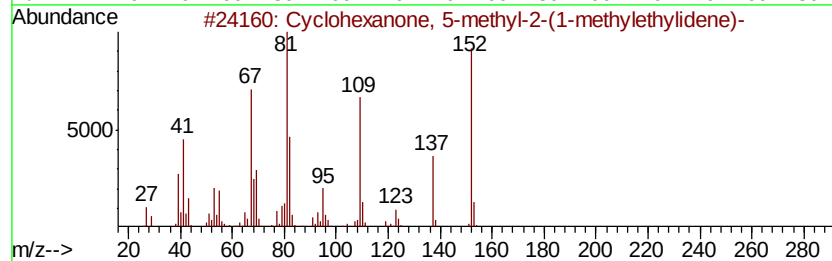
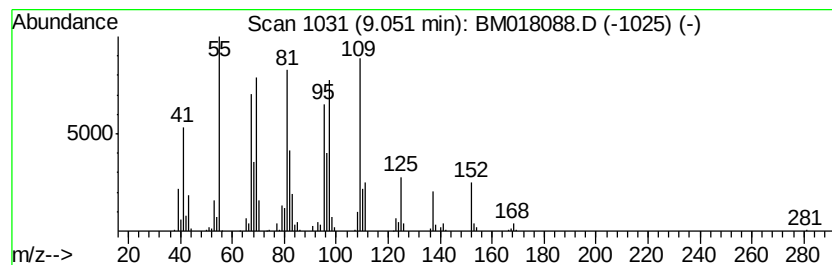
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 unknown-05 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	6.17 ng/ul	1251790	Napthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	30
2		Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	30
3		1H-Imidazole, 1-(cyclohexylacetyl)-	192	C11H16N2O	093383-50-7	27
4		8-Oxabicyclo[3.2.1]oct-6-en-3-on...	152	C9H12O2	049747-05-9	25
5		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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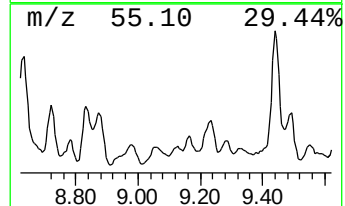
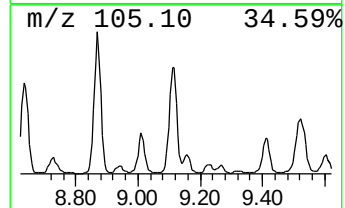
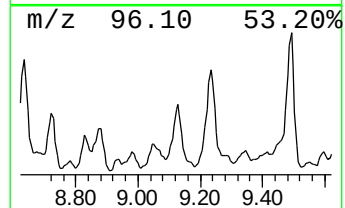
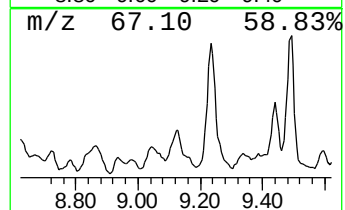
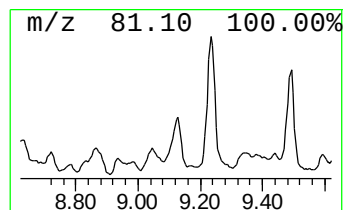
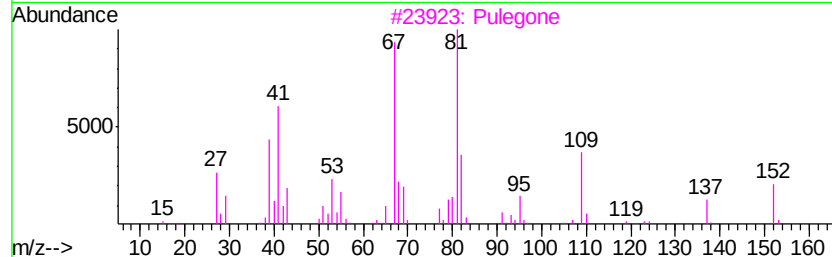
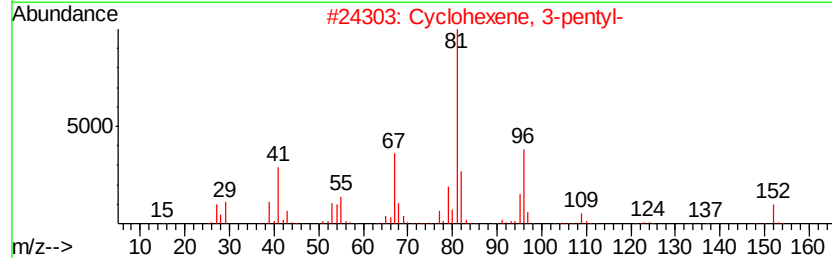
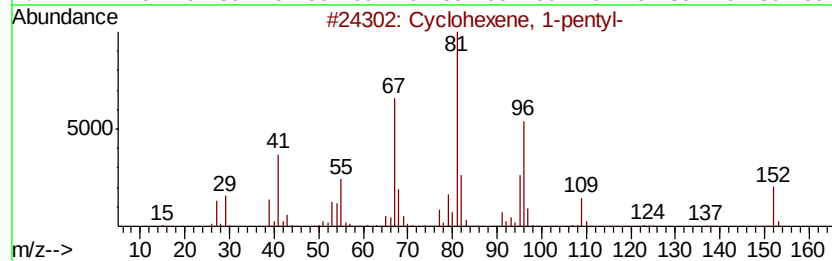
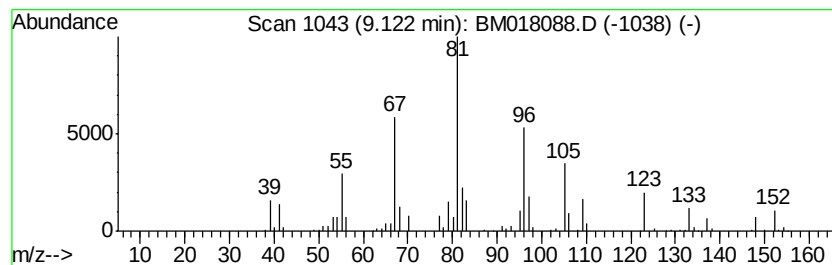
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Cyclohexene, 1-pentyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	5.21 ng/ul	1055790	Naphthalene-d8	10.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	64
2			Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	49
3			Pulegone	152	C10H16O	000089-82-7	46
4			Spiro[5.5]undecane	152	C11H20	000180-43-8	46
5			Cyclopropane, 1-(1-methylethyl)-...	152	C11H20	056259-17-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
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ClientSampleId :
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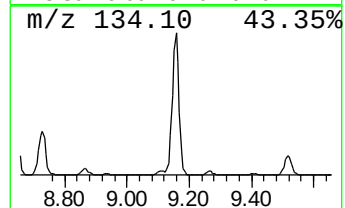
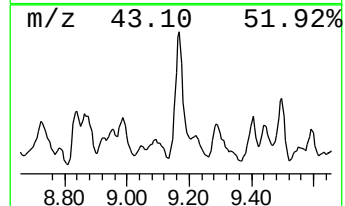
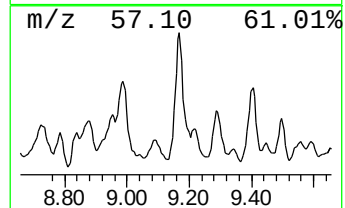
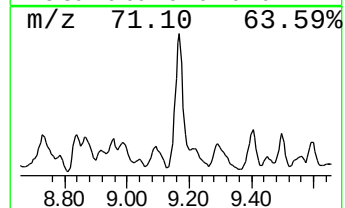
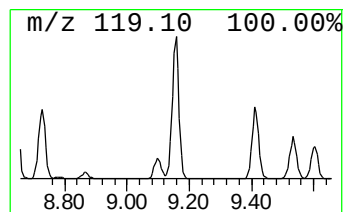
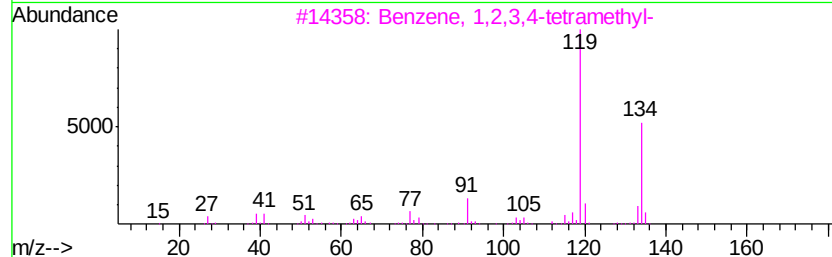
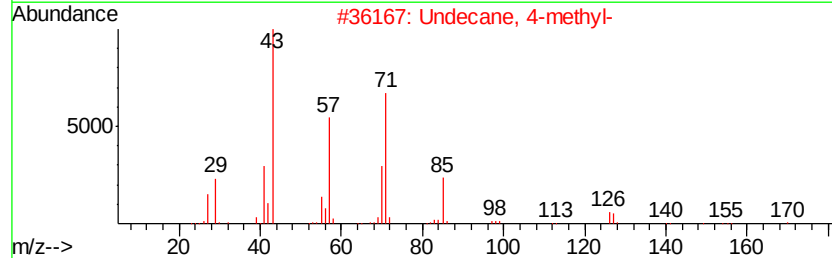
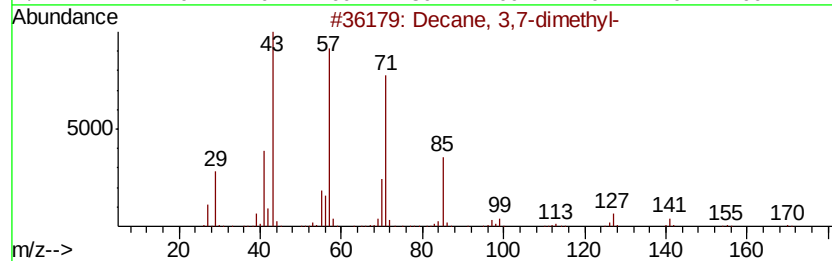
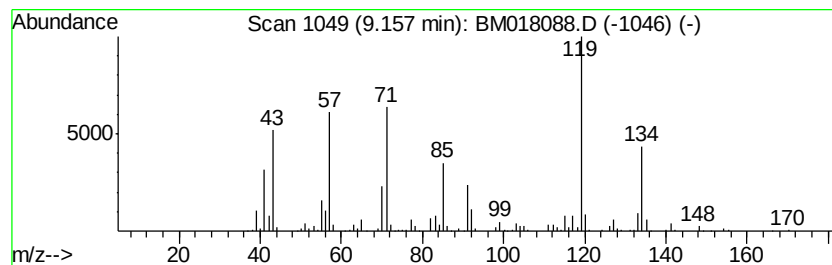
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	12.97 ng/ul	2630780	Napthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	78
2		Undecane, 4-methyl-	170	C12H26	002980-69-0	43
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
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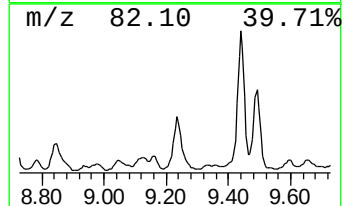
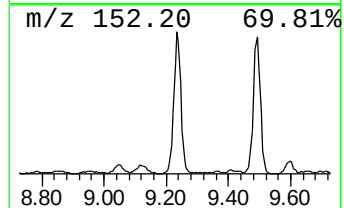
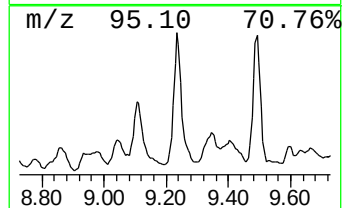
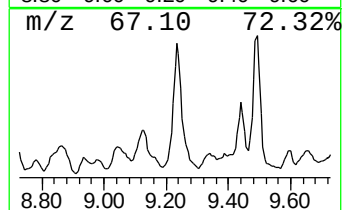
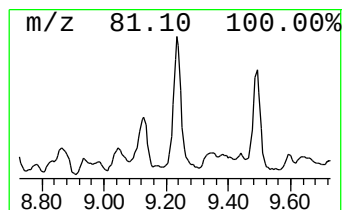
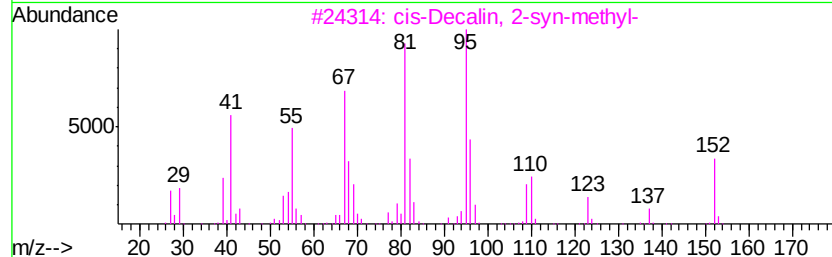
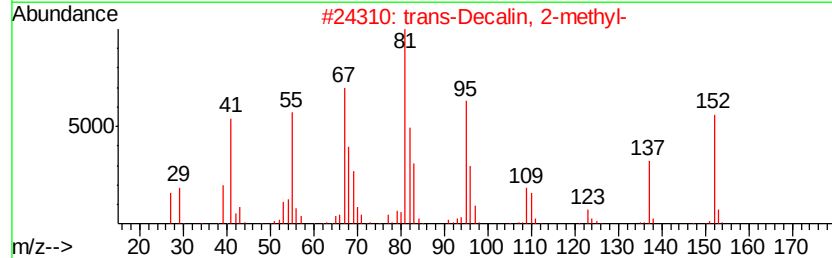
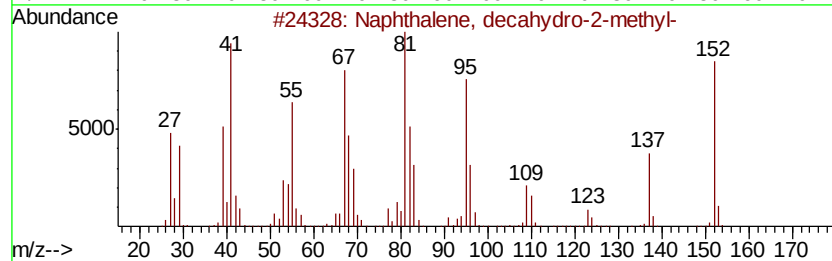
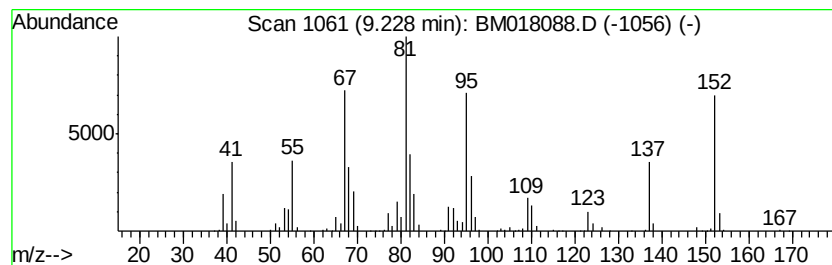
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Naphthalene, decahydro-2-me... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	19.03 ng/ul	3858250	Naphthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 91
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 90
3		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 70
4		Pulegone	152 C10H16O	000089-82-7 68
5		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Sample : J6171-10
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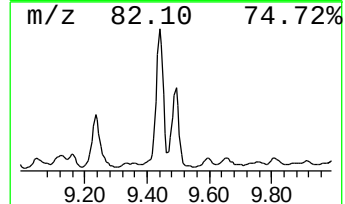
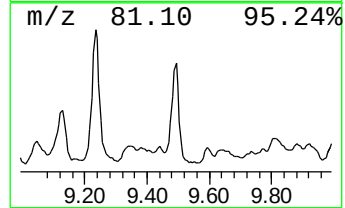
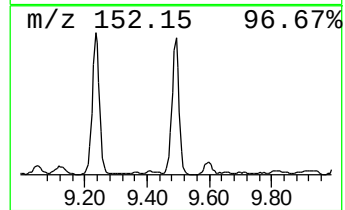
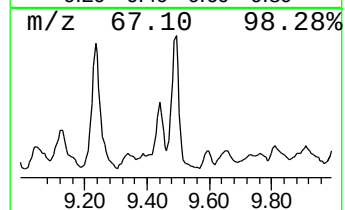
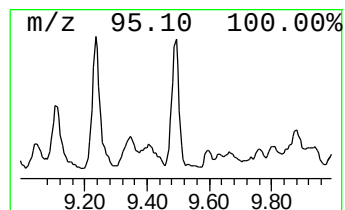
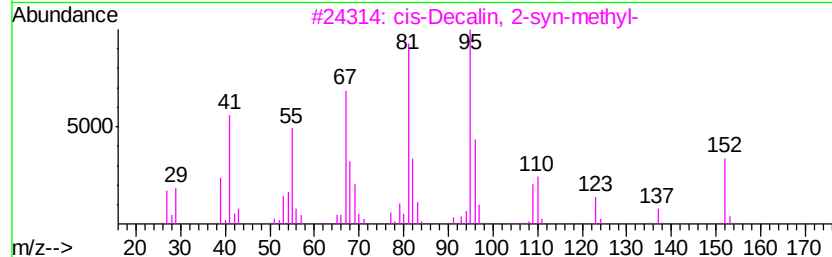
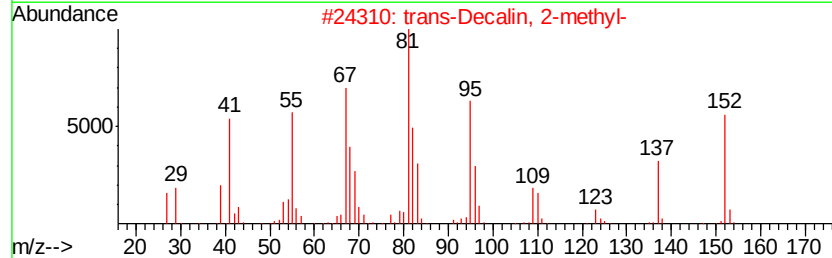
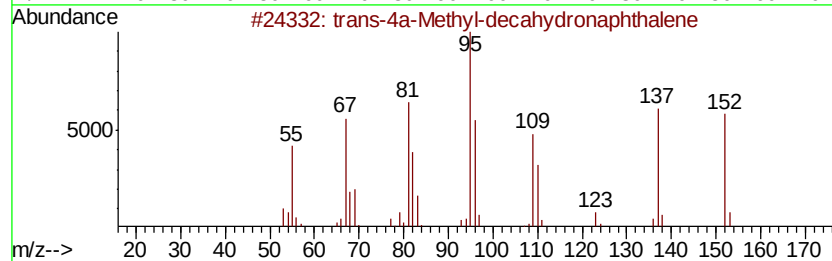
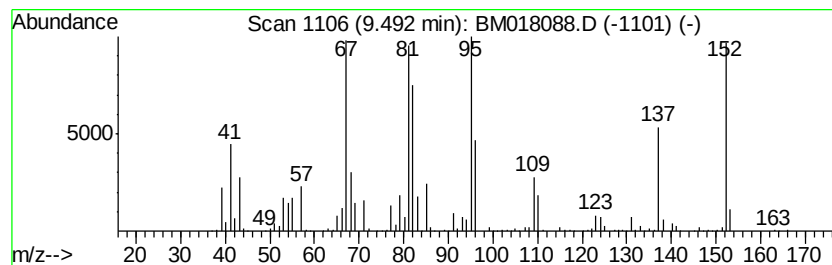
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 trans-4a-Methyl-decahydrona... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	29.54 ng/ul	5990600	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	74
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
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Misc :
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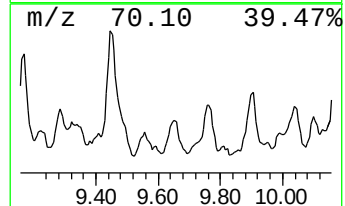
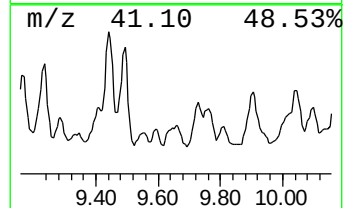
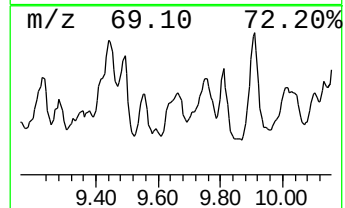
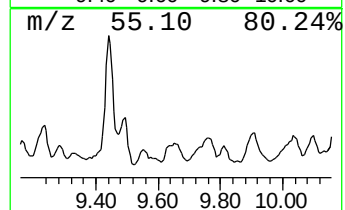
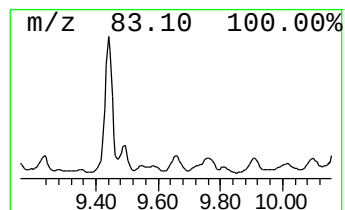
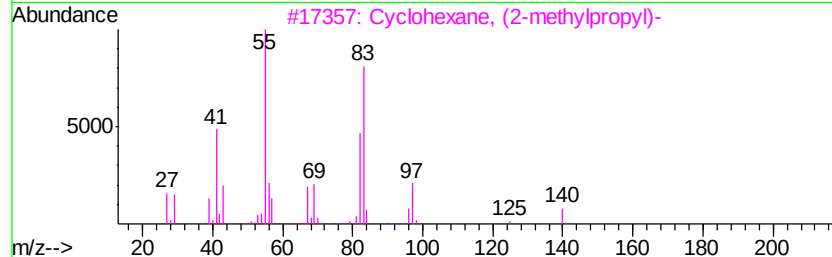
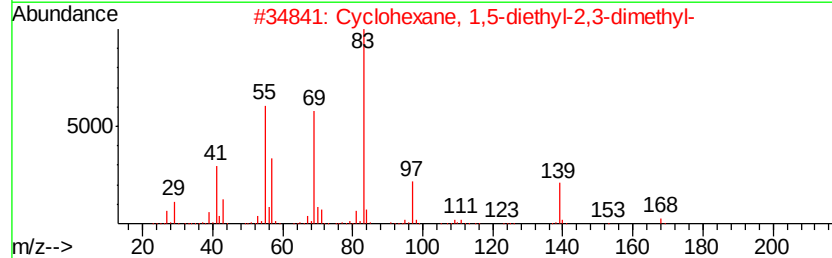
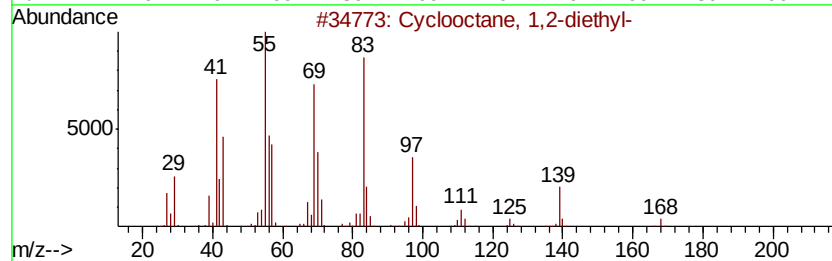
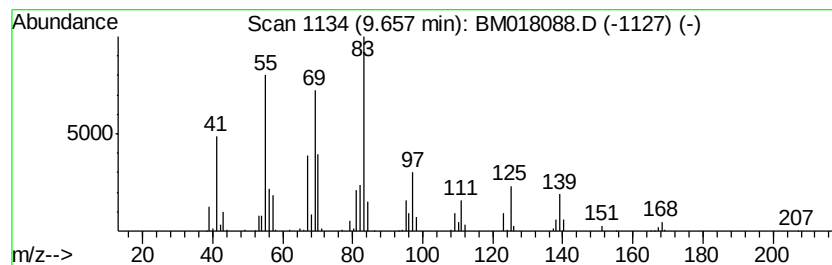
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Cyclic9.66 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	5.88 ng/ul	1193020	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	45
2		Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	38
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	35
4		Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	30
5		1,7-Octadiene, 2,3,3-trimethyl-	152	C11H20	1000150-47-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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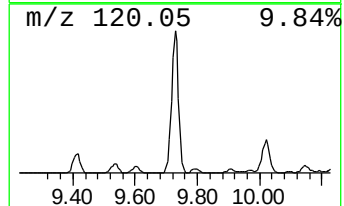
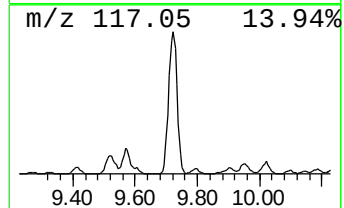
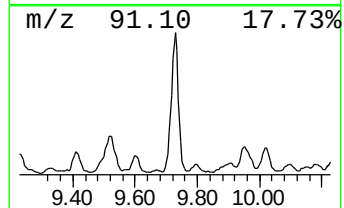
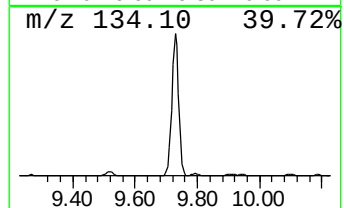
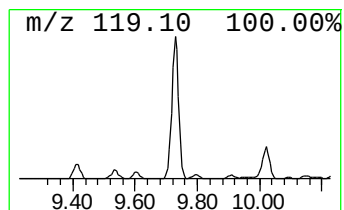
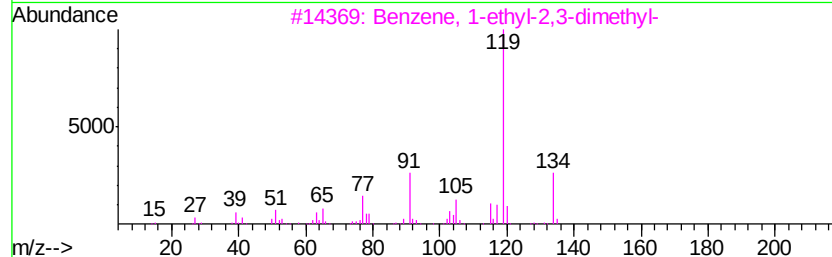
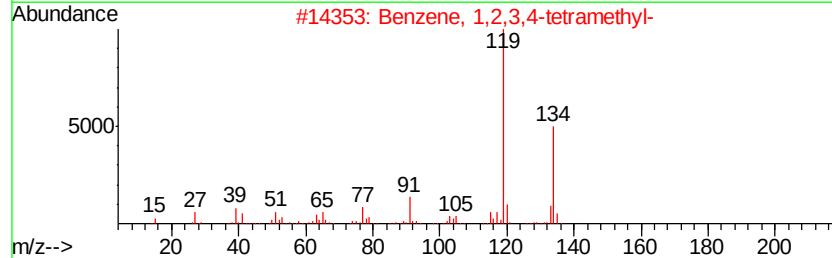
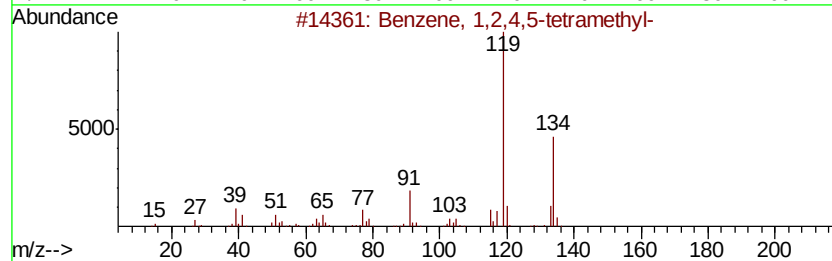
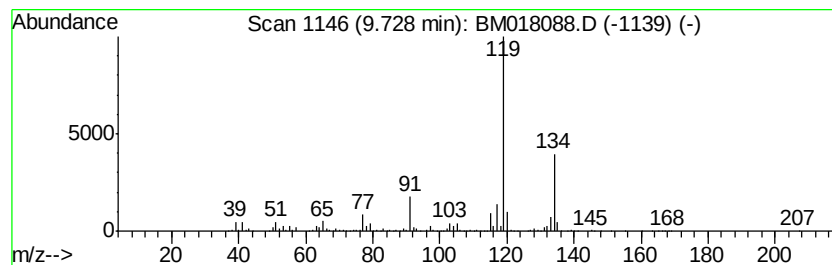
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	38.22 ng/ul	7750550	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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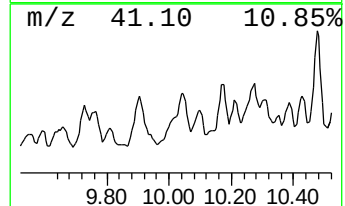
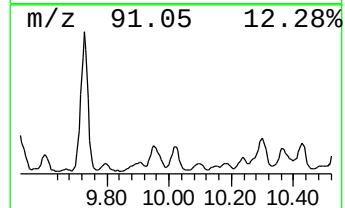
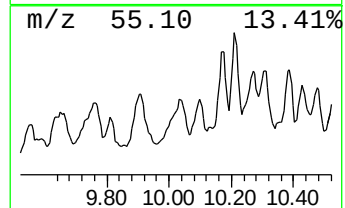
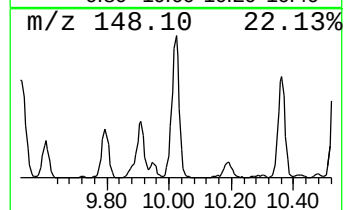
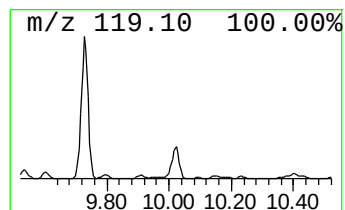
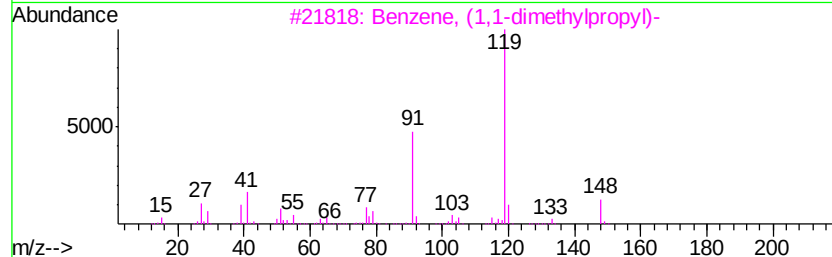
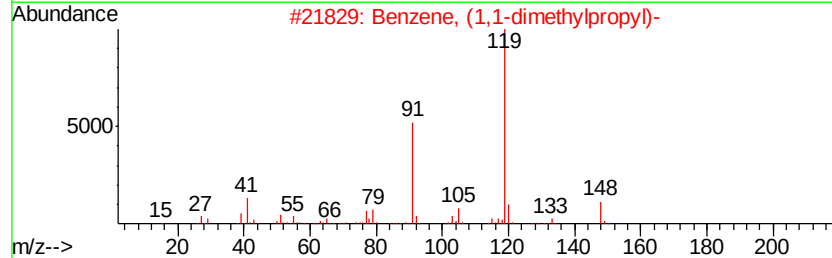
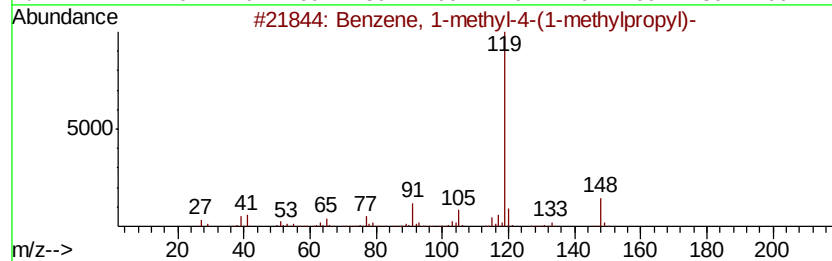
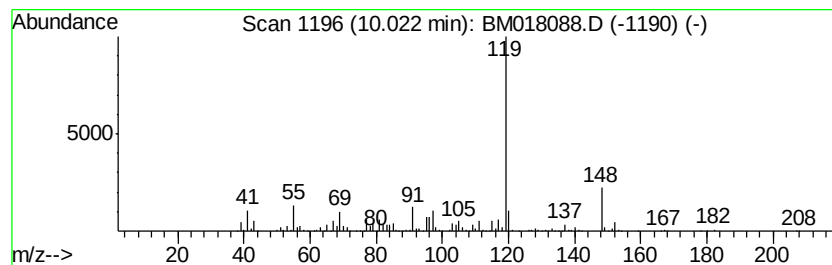
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Benzene, 1-methyl-4-(1-meth... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	10.33 ng/ul	2093930	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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ALS Vial : 38 Sample Multiplier: 1

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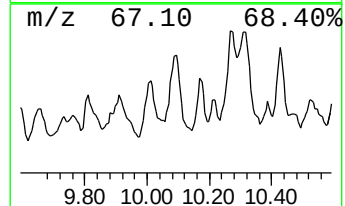
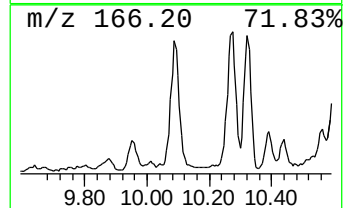
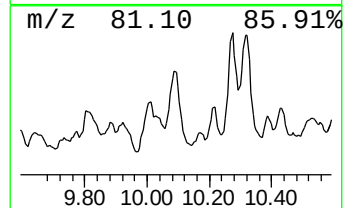
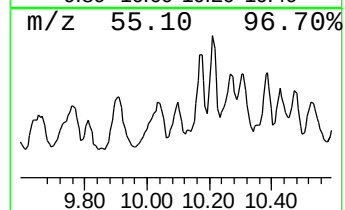
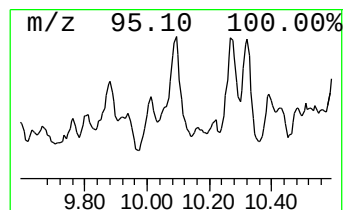
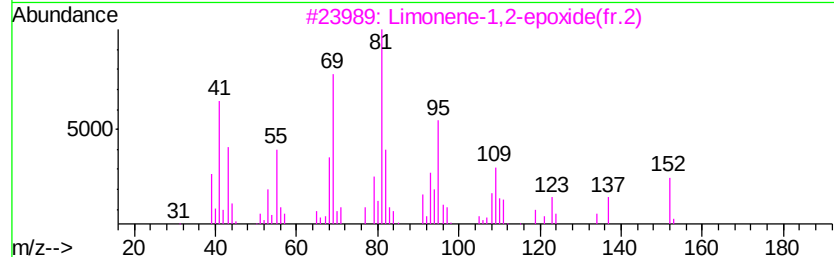
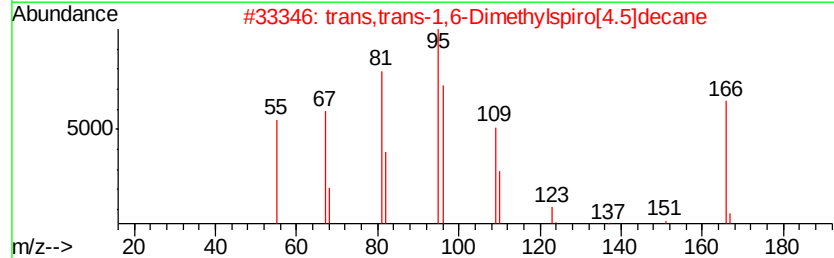
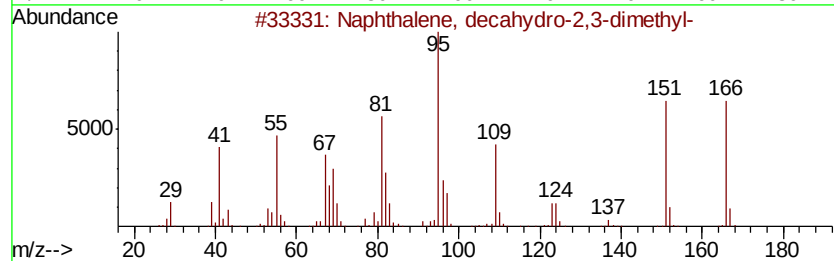
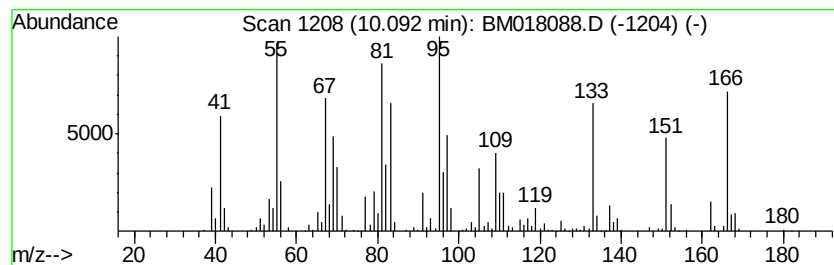
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Naphthalene, decahydro-2,3-... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	6.96 ng/ul	1411490	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	55
2		trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	53
3		Limonene-1,2-epoxide(fr.2)	152	C10H16O	1000292-83-8	50
4		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	46
5		4-Decyne	138	C10H18	002384-86-3	43



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ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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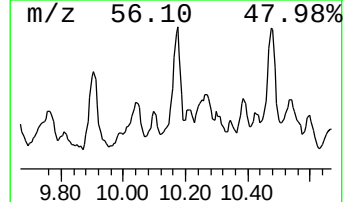
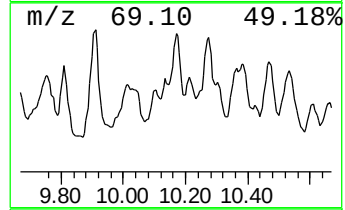
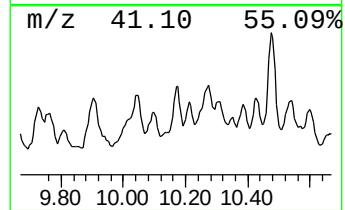
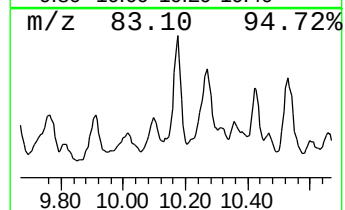
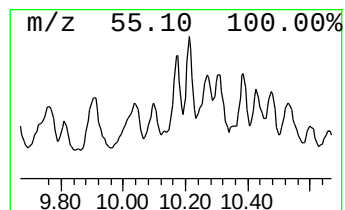
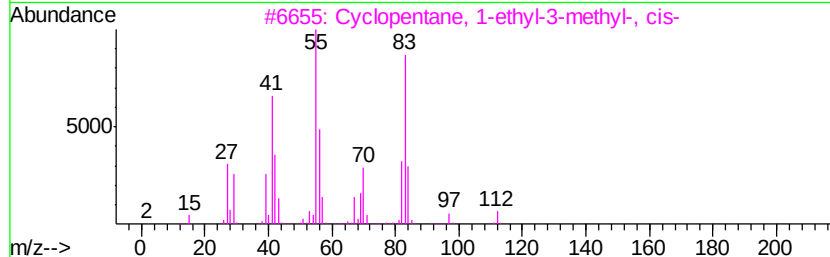
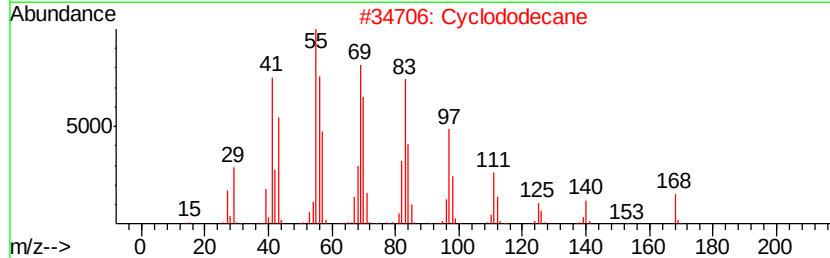
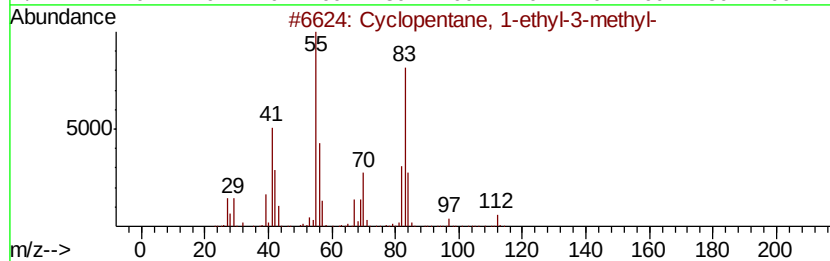
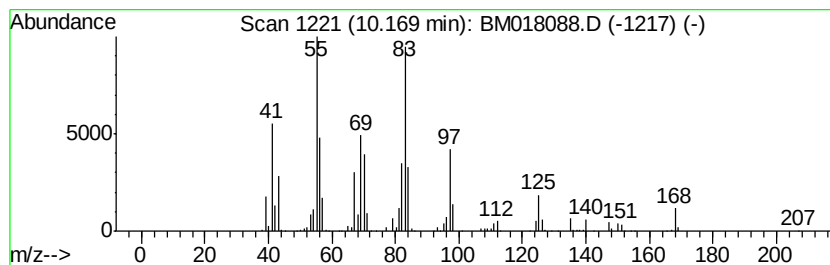
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Cyclic10.17 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	7.97 ng/ul	1615440	Napthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	70
2		Cyclododecane	168	C12H24	000294-62-2	60
3		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	58
4		1-Methyl-2-(4-methylpentyl)cyclo...	168	C12H24	1000113-60-1	58
5		Cyclopentane, 1-methyl-2-(4-meth...	168	C12H24	066553-50-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y14

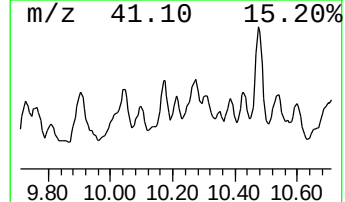
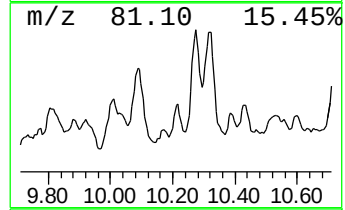
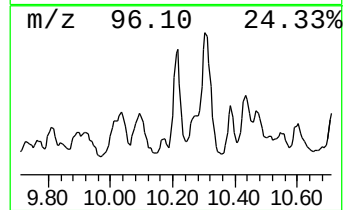
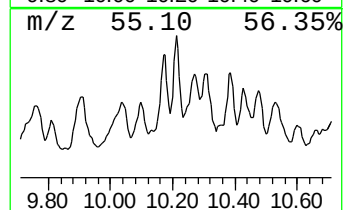
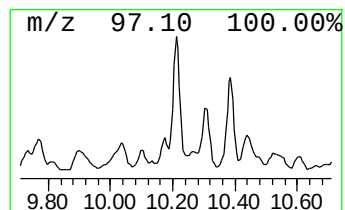
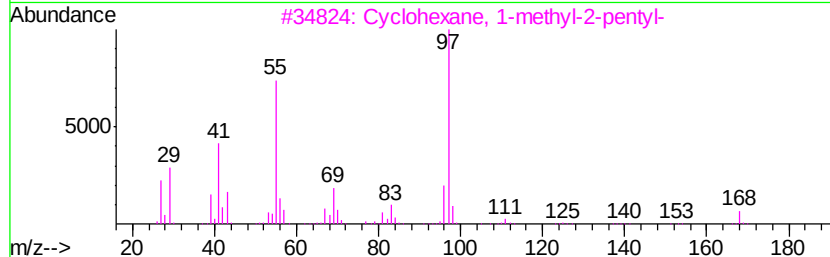
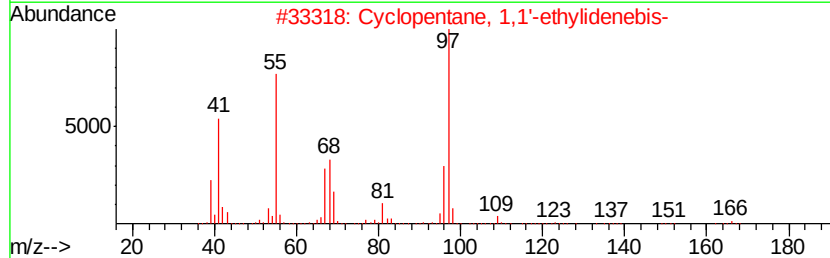
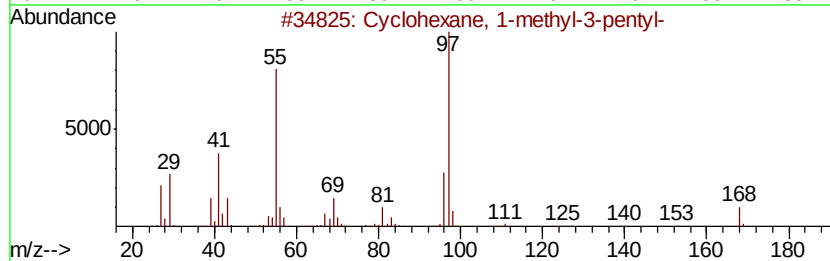
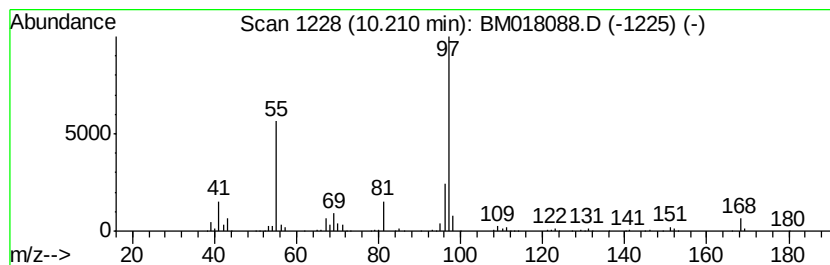
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Cyclic10.21 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	5.50 ng/ul	1115400	Napthalene-d8	10.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	78
2			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	72
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
4			Cycloheptanemethanol	128	C8H16O	004448-75-3	64
5			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

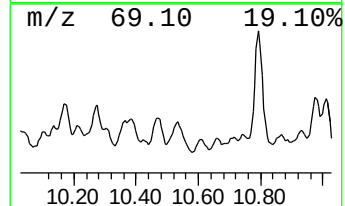
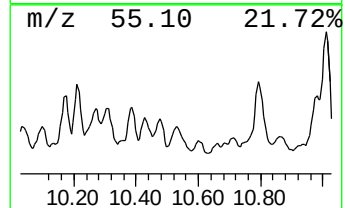
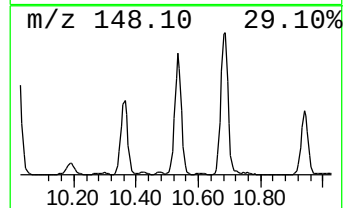
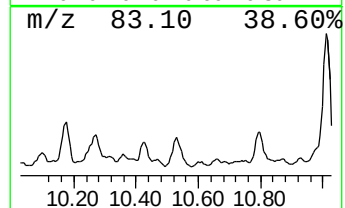
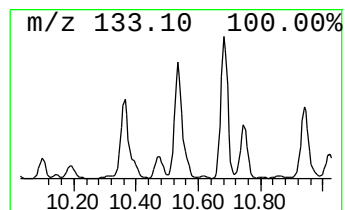
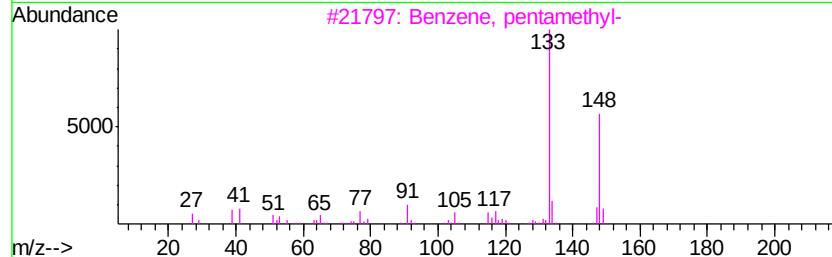
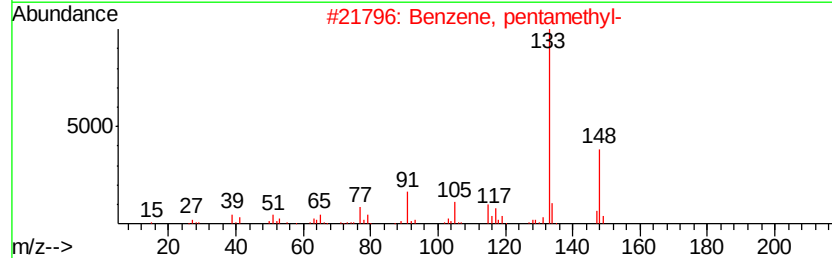
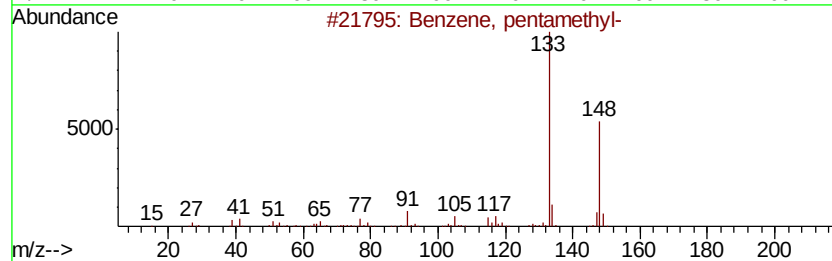
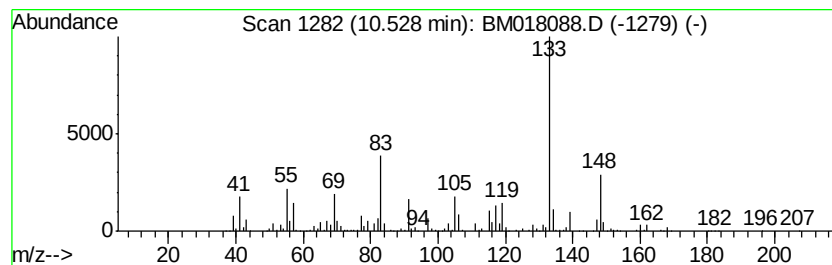
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 Benzene, pentamethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	12.28 ng/ul	2488940	Napthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, pentamethyl-	148 C11H16	000700-12-9	93
2	Benzene, pentamethyl-	148 C11H16	000700-12-9	92
3	Benzene, pentamethyl-	148 C11H16	000700-12-9	83
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8	81
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

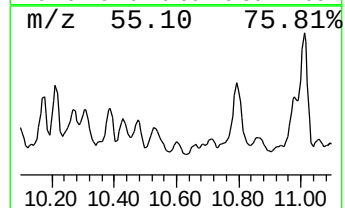
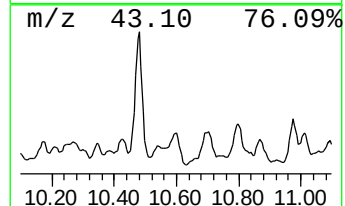
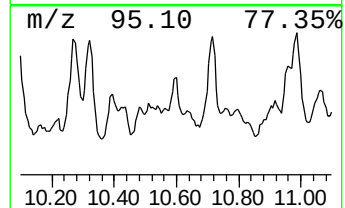
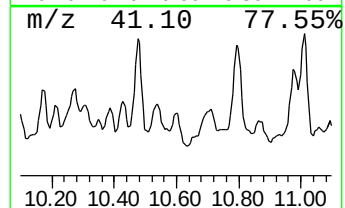
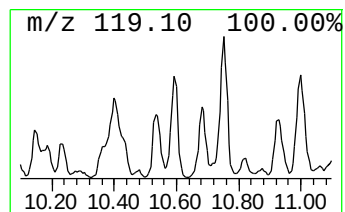
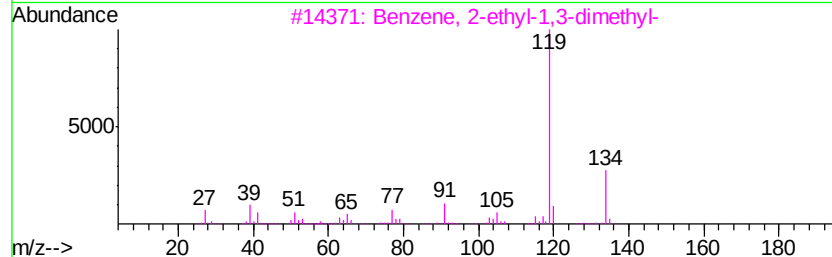
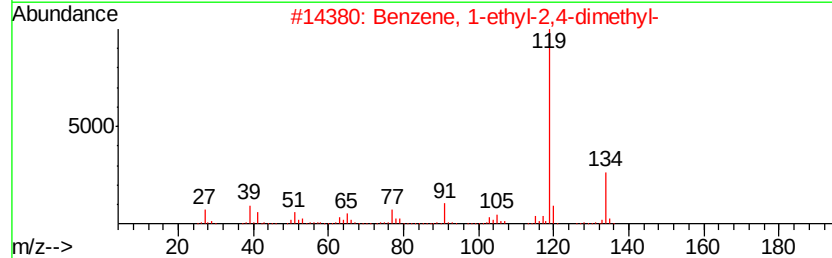
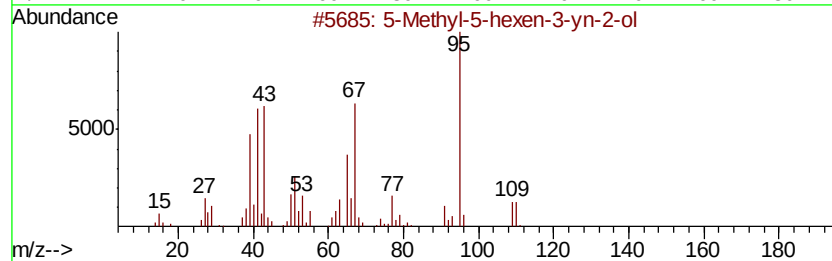
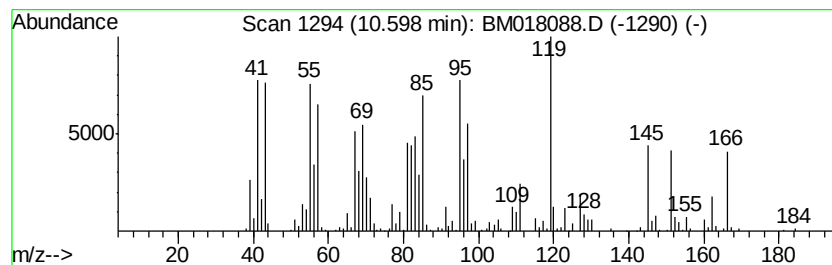
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 40 unknown-06 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	7.30 ng/ul	1480030	Napthalene-d8	10.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Methyl-5-hexen-3-yn-2-ol	110 C7H10O	068017-33-4	11
2	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	11
3	Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4	11
4	Cyclopentane, 1,2-dimethyl-3-met...	110 C8H14	091884-67-2	11
5	Benzene, 1,4-dimethyl-2-(2-methy...	162 C12H18	055669-88-0	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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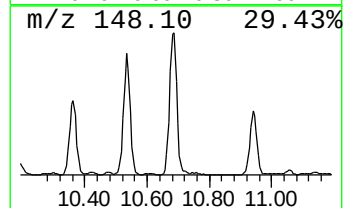
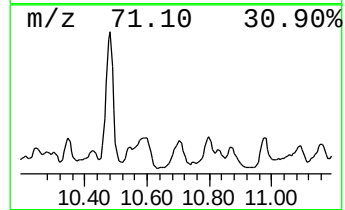
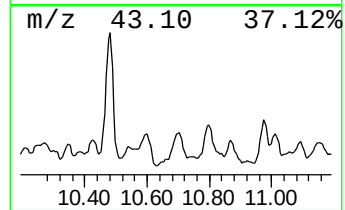
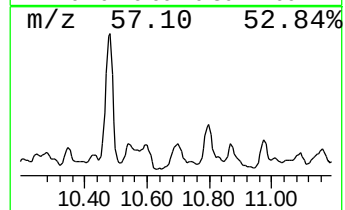
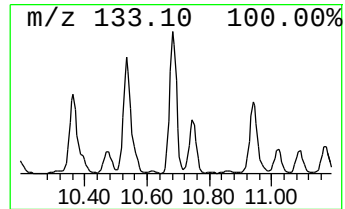
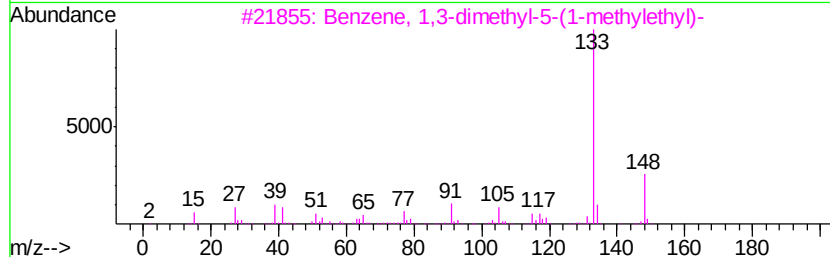
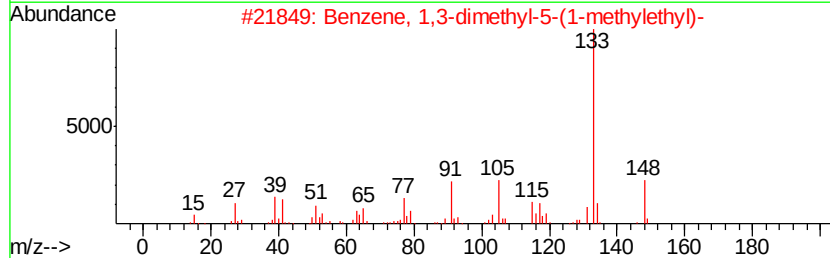
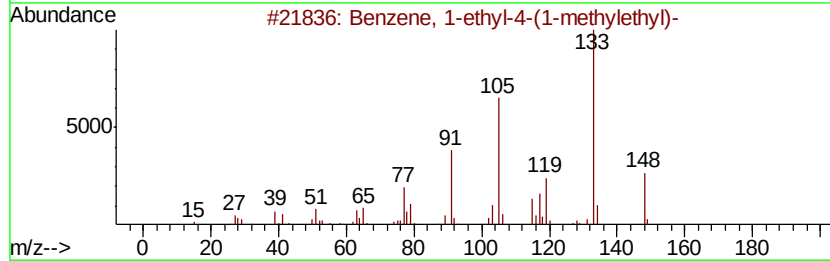
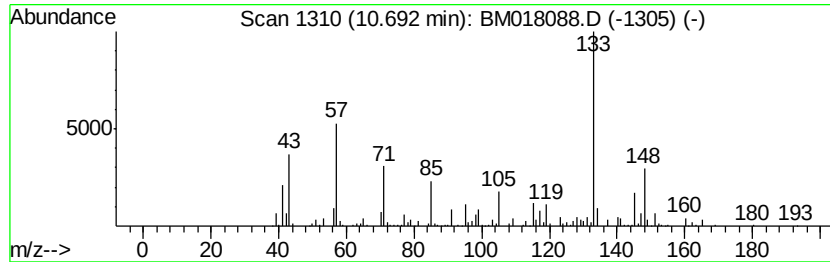
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	8.32 ng/ul	1687910	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
2		Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	76
3		Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	76
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	68
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y14

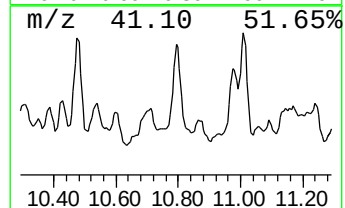
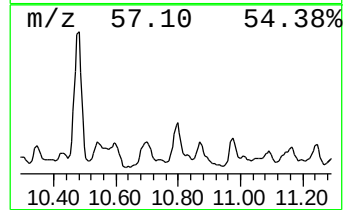
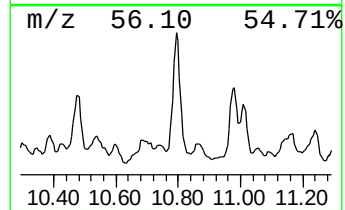
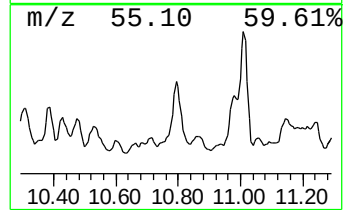
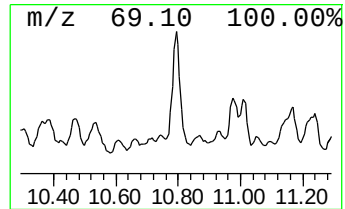
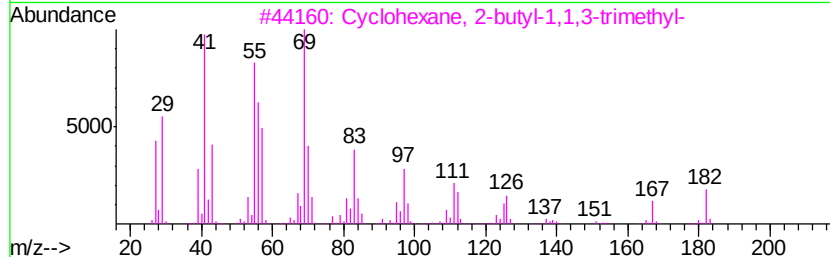
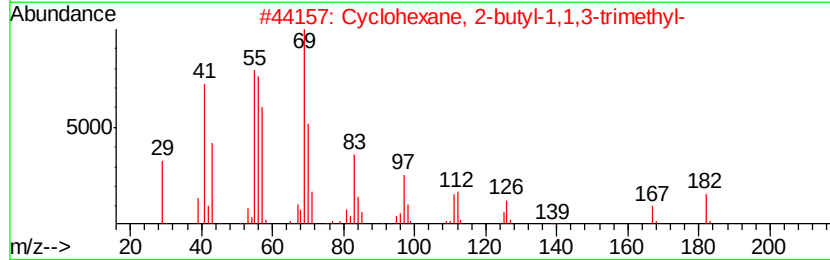
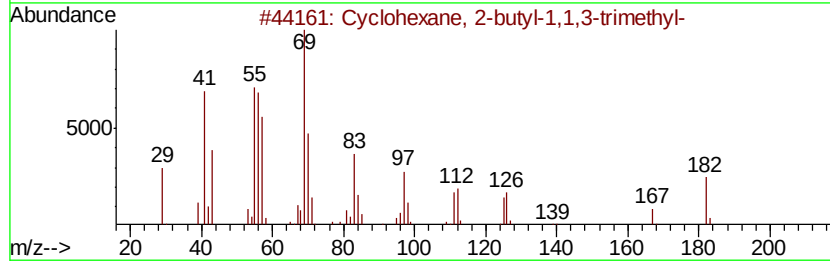
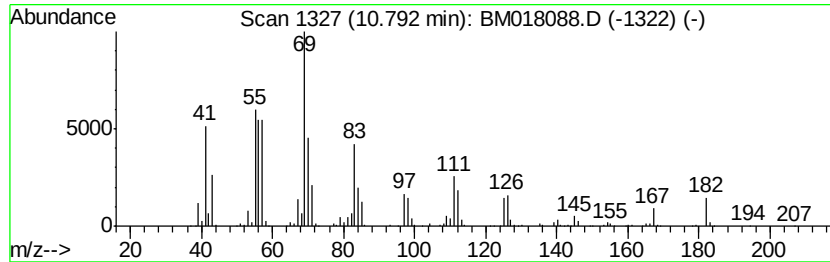
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Cyclic10.79 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	19.00 ng/ul	3851610	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
3		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
4		Cyclopentane, butyl-	126	C9H18	002040-95-1	81
5		6-Tridecene, (Z)-	182	C13H26	006508-77-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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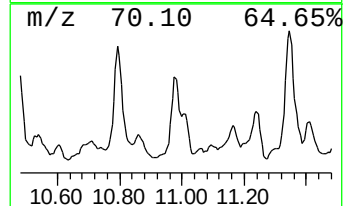
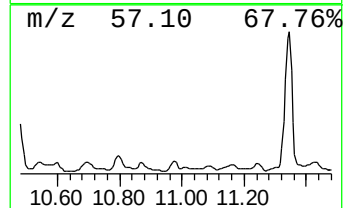
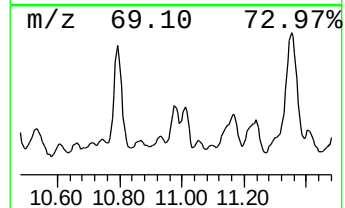
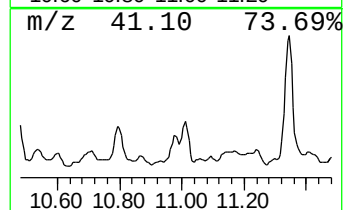
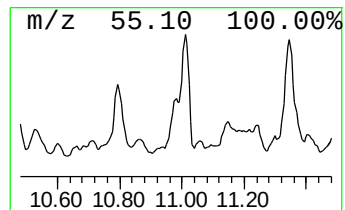
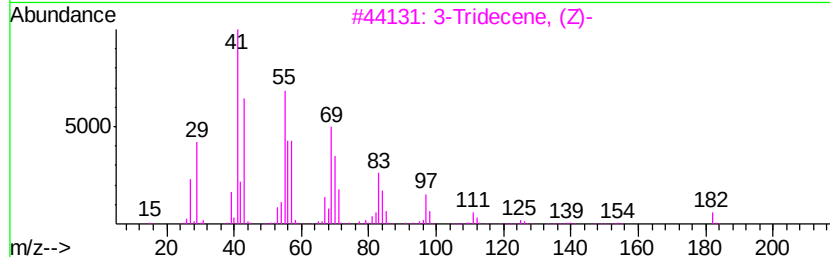
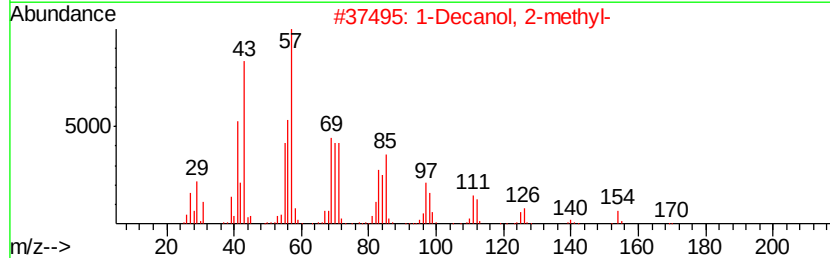
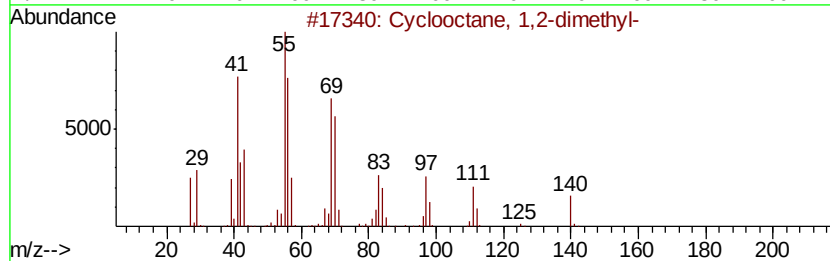
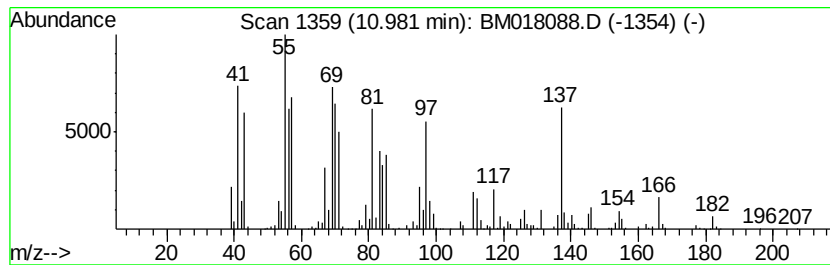
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Cyclic10.98 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	12.91 ng/ul	2617710	Napthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	83
2		1-Decanol, 2-methyl-	172	C11H24O	018675-24-6	52
3		3-Tridecene, (Z)-	182	C13H26	041446-53-1	50
4		5-Undecene	154	C11H22	004941-53-1	46
5		Decane, 1-fluoro-	160	C10H21F	000334-56-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y14

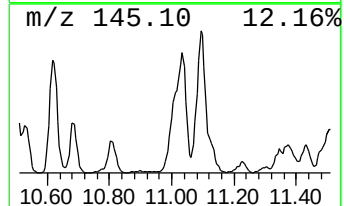
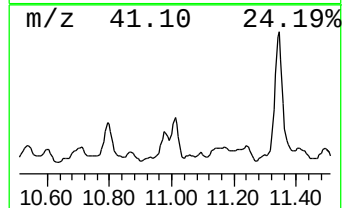
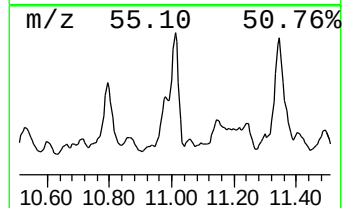
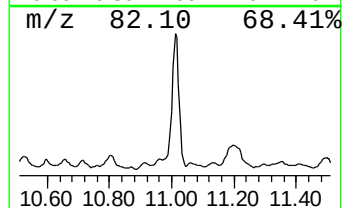
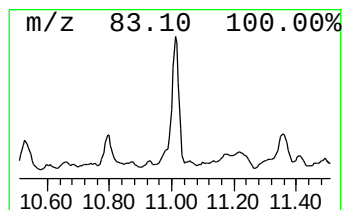
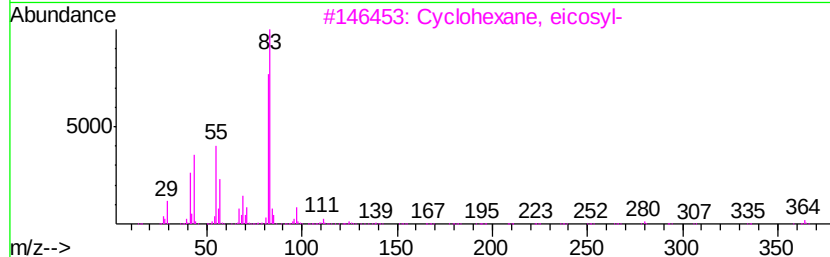
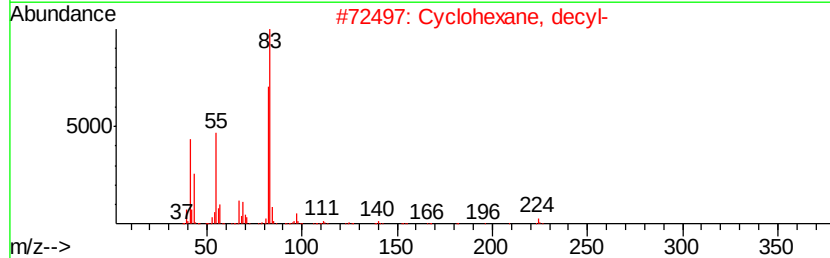
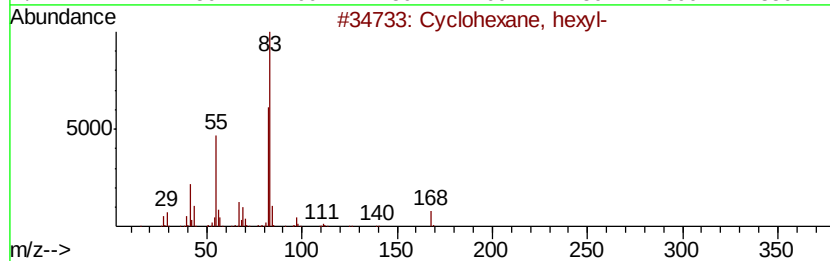
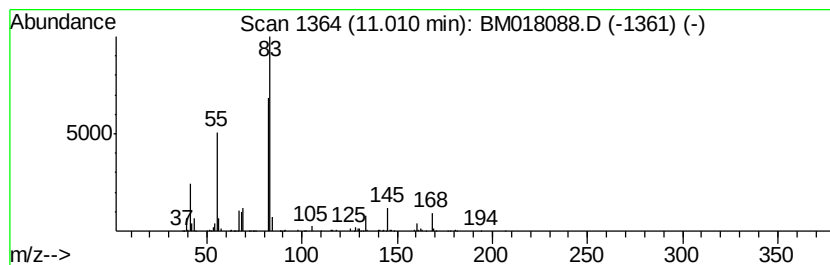
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Cyclic11.01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	17.39 ng/ul	3525650	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
2		Cyclohexane, decyl-	224	C16H32	001795-16-0	64
3		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y14

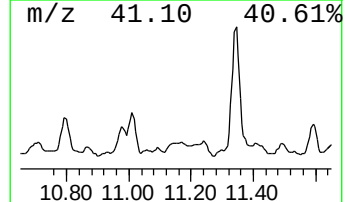
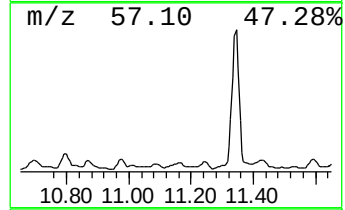
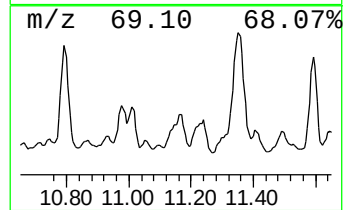
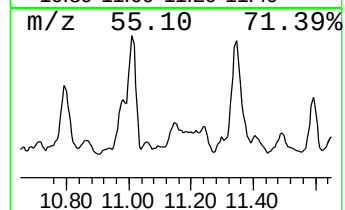
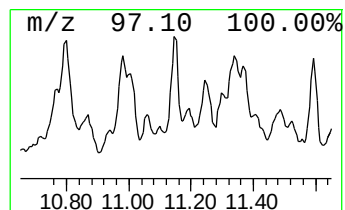
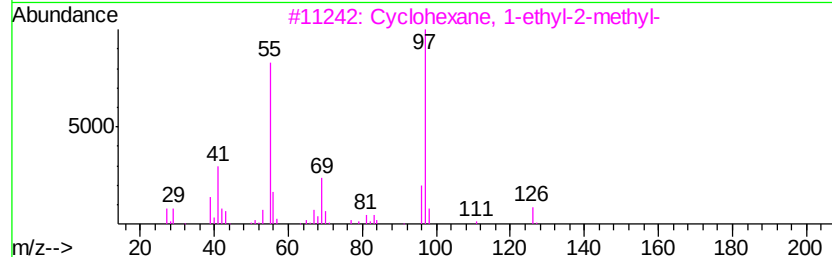
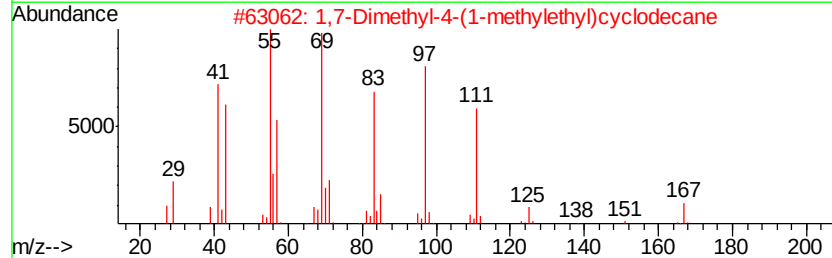
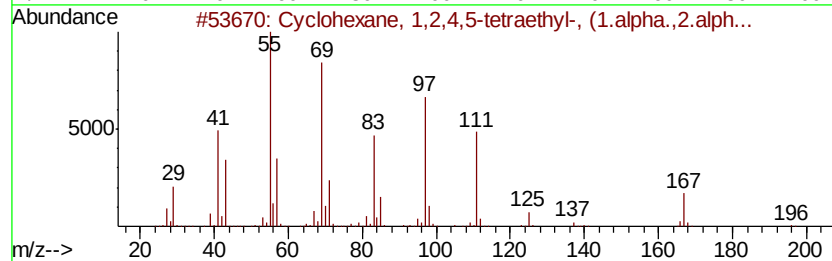
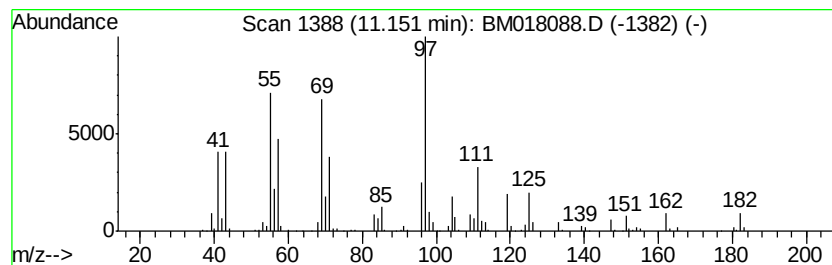
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Cyclic11.15 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	5.63 ng/ul	1141270	Napthalene-d8	10.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	43
2			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
4			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	38
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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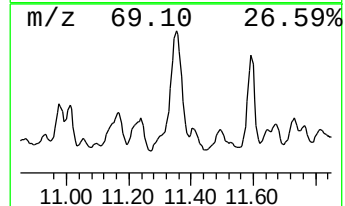
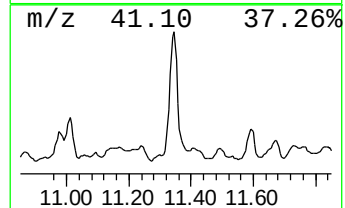
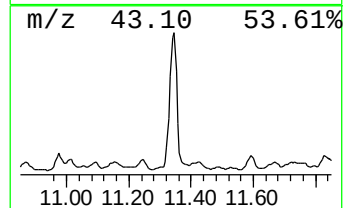
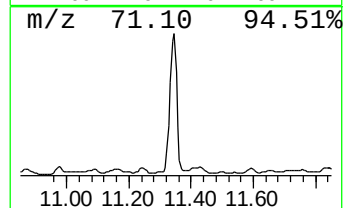
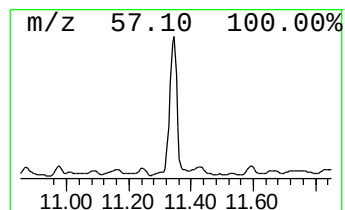
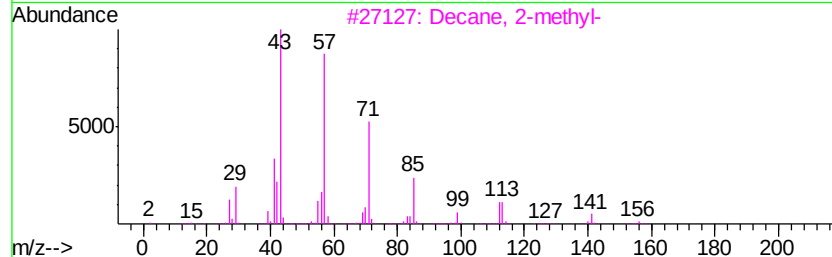
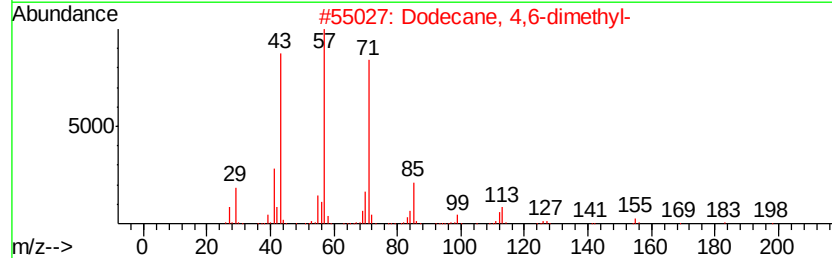
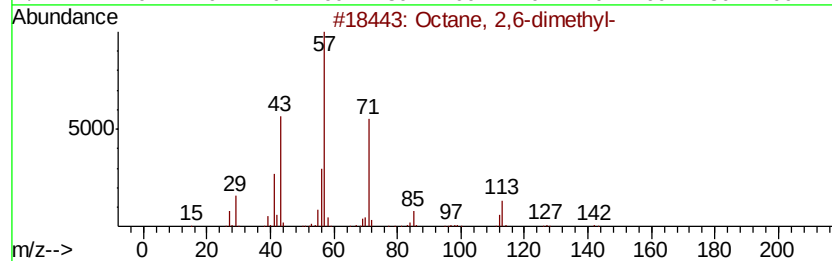
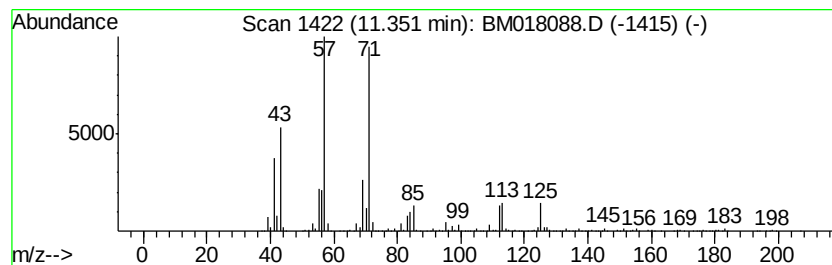
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	64.24 ng/ul	13025700	Napthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3		Decane, 2-methyl-	156	C11H24	006975-98-0	72
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

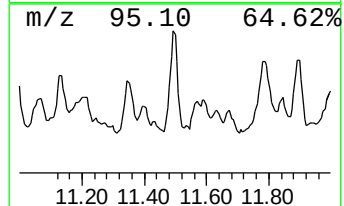
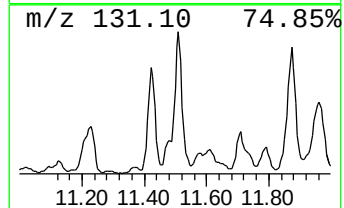
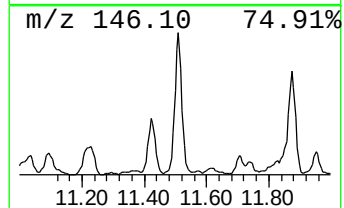
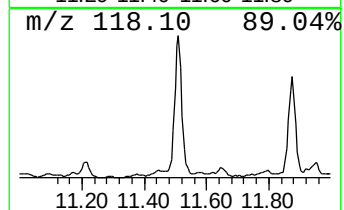
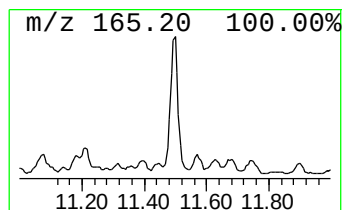
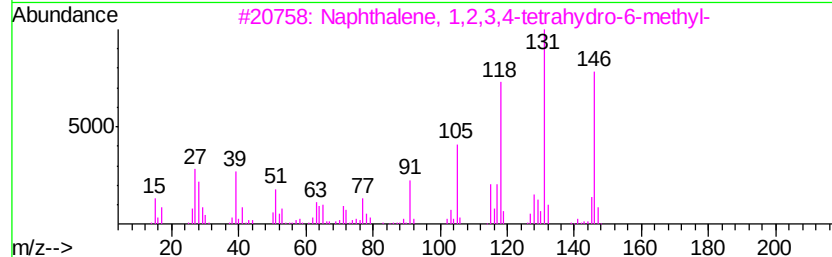
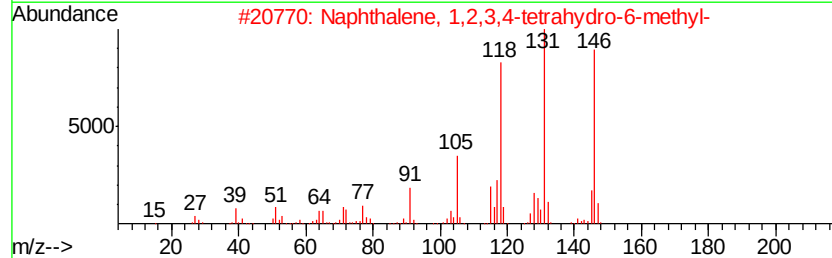
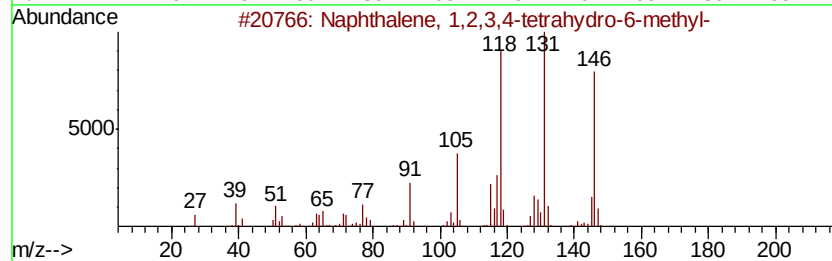
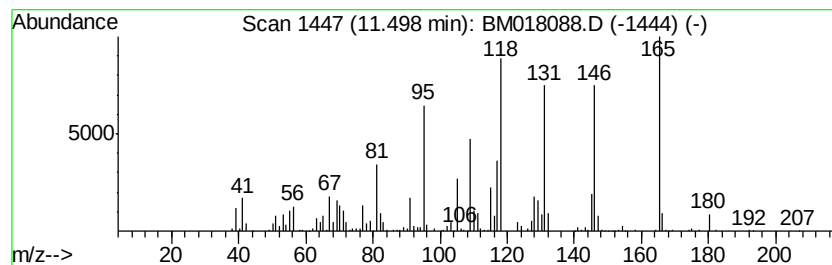
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 Naphthalene, 1,2,3,4-tetra... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.50	14.42 ng/ul	2923320	Naphthalene-d8	10.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene,	1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Naphthalene,	1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
4	Naphthalene,	1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
5	Naphthalene,	1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
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Sample : J6171-10
Misc :
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Instrument :
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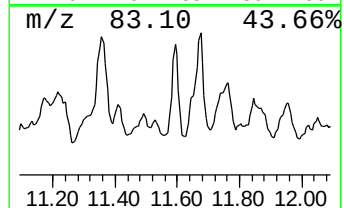
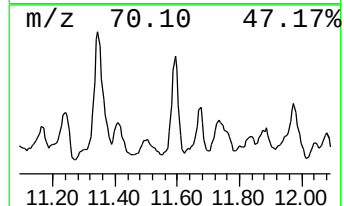
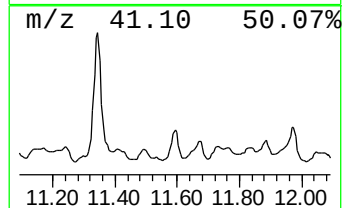
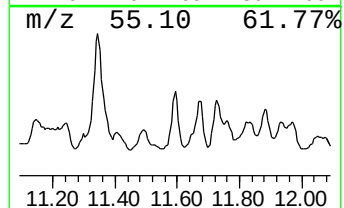
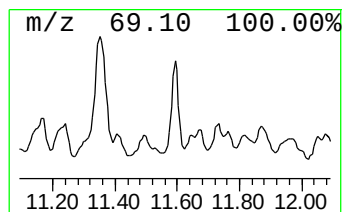
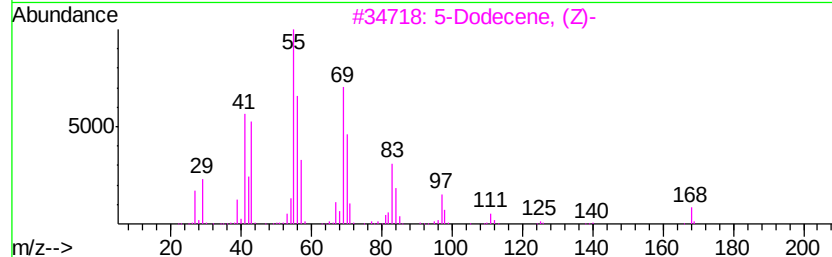
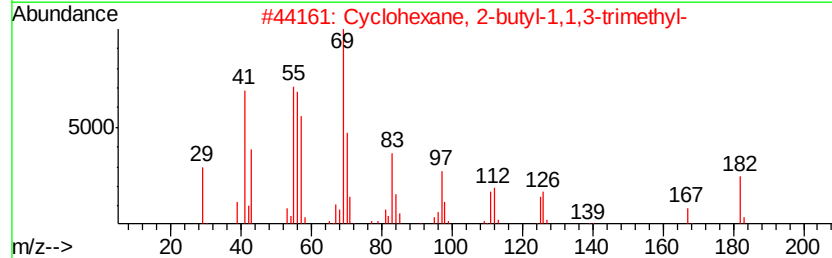
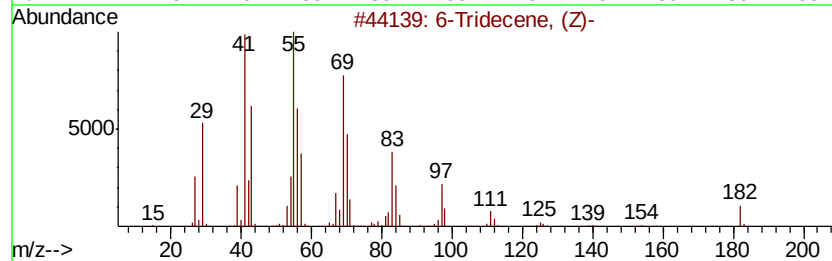
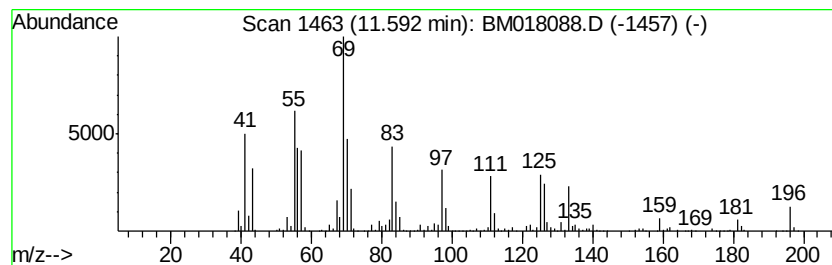
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Cyclic11.59 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	16.29 ng/ul	3302100	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tridecene, (Z)-	182	C13H26	006508-77-6	76
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	72
3		5-Dodecene, (Z)-	168	C12H24	007206-28-2	70
4		6-Dodecene, (E)-	168	C12H24	007206-17-9	70
5		7-Tetradecene	196	C14H28	010374-74-0	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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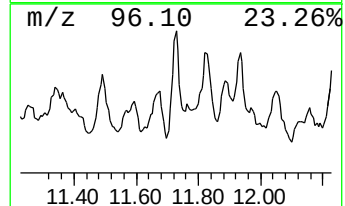
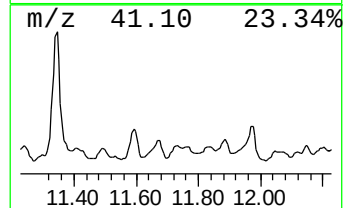
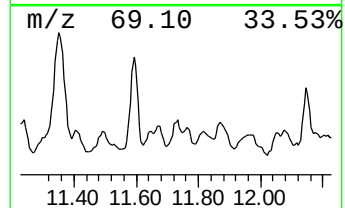
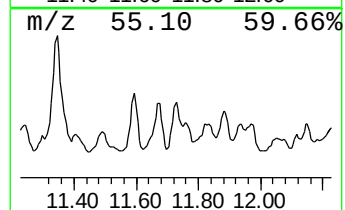
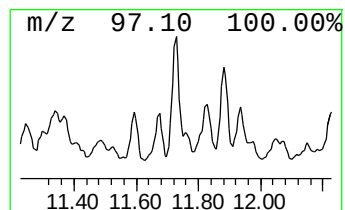
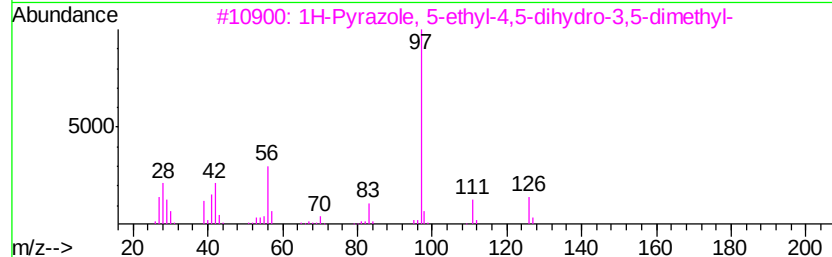
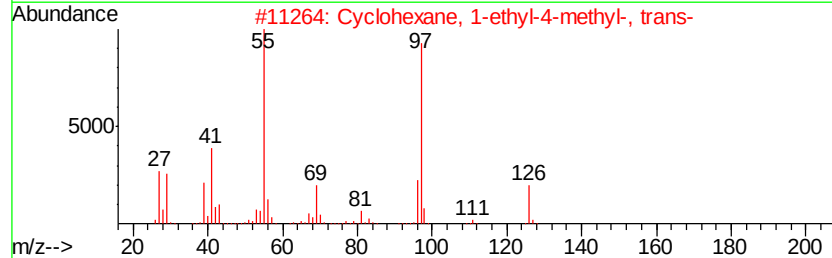
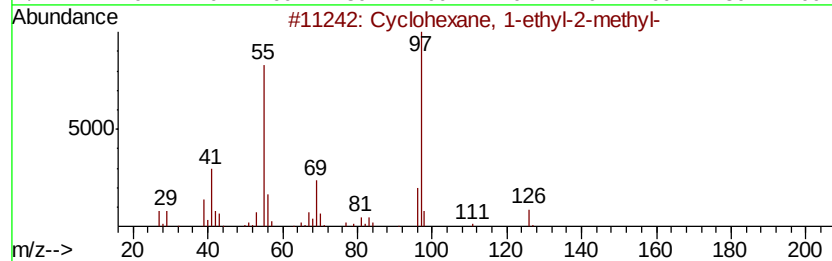
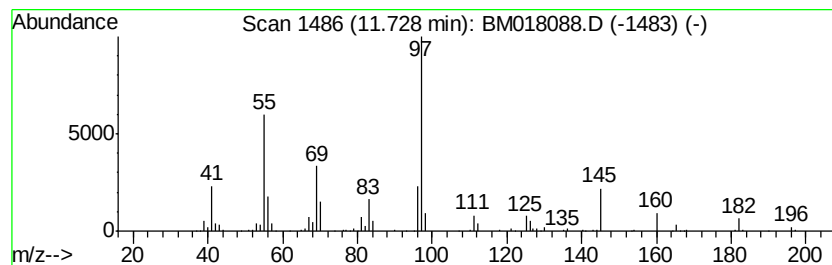
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Cyclic11.73 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	5.48 ng/ul	1111330	Napthalene-d8	10.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43
3			1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	43
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	38
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Sample : J6171-10
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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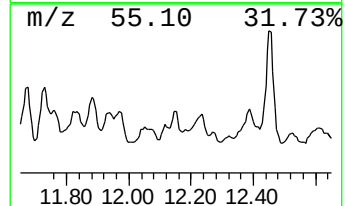
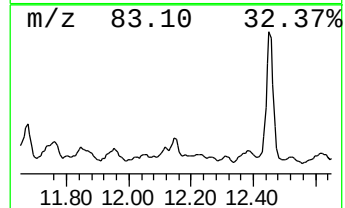
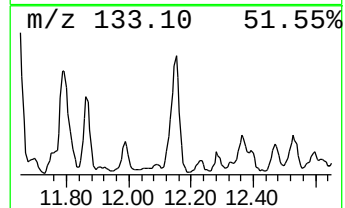
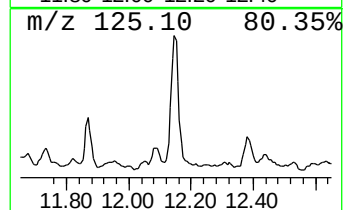
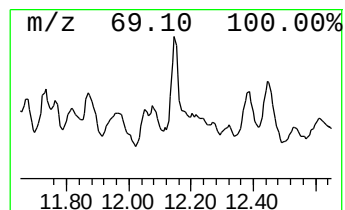
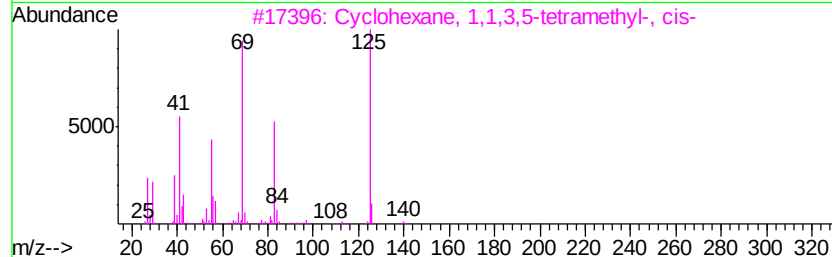
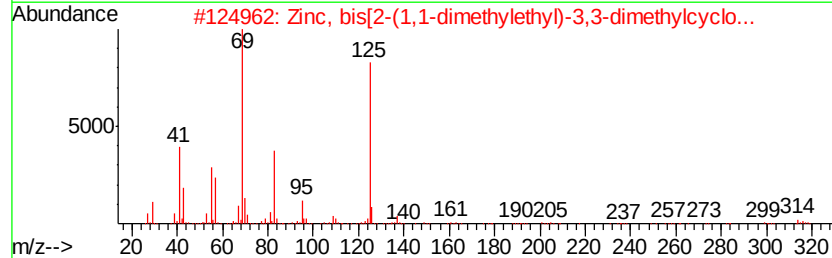
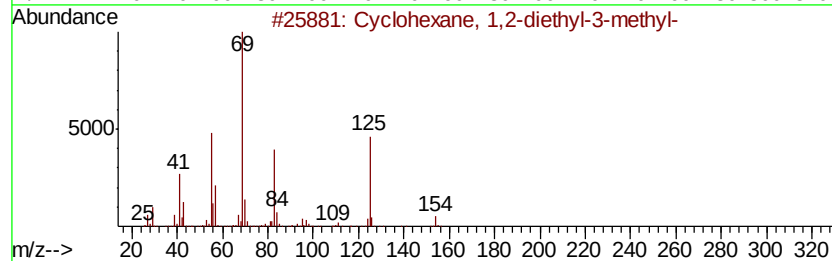
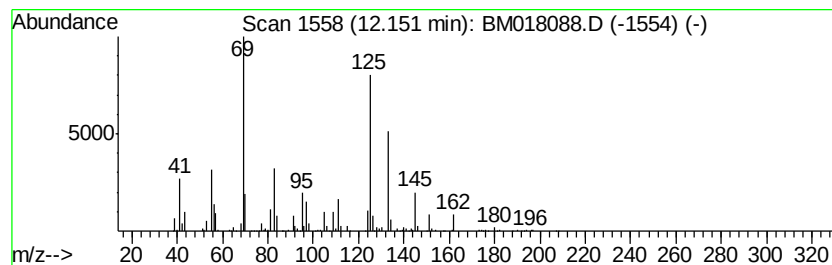
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Cyclic12.15 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	6.53 ng/ul	1324260	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	50
2		Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	46
4		4N-Methylcytosine	125	C5H7N3O	006220-47-9	30
5		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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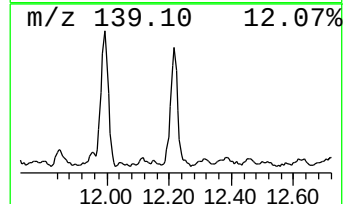
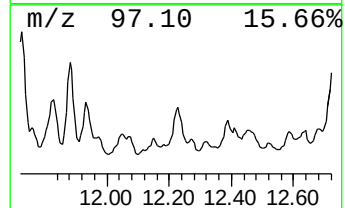
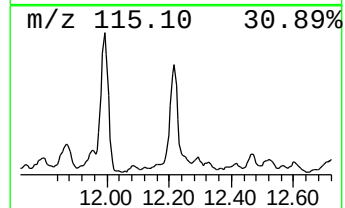
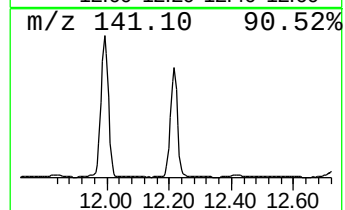
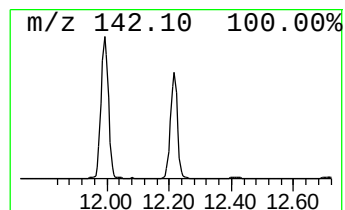
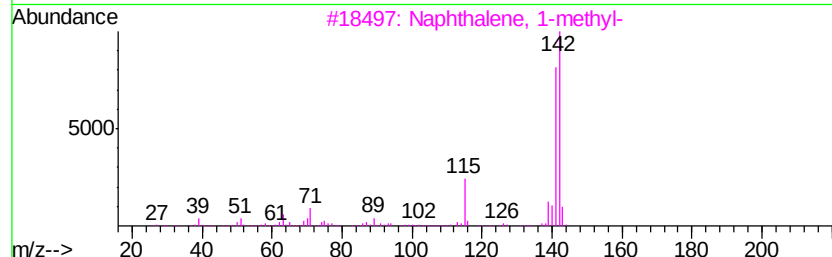
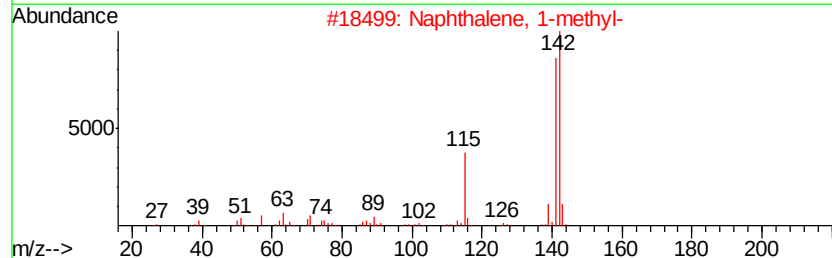
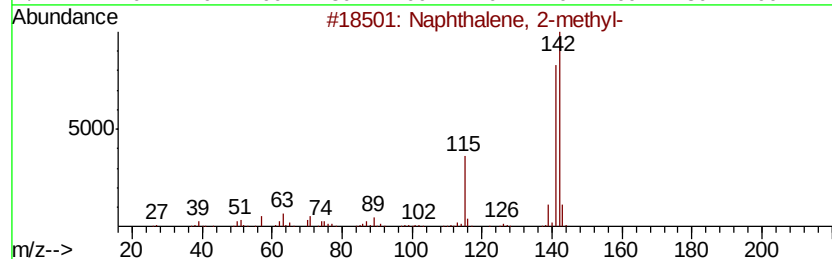
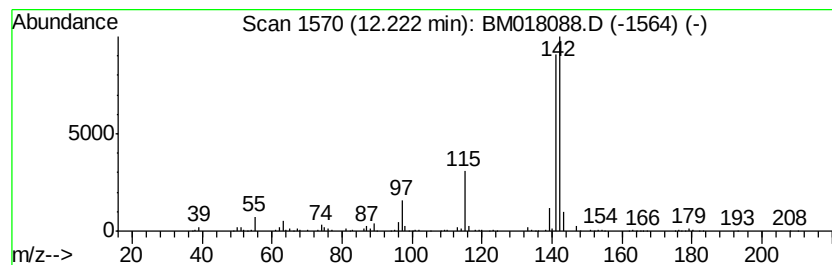
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 Naphthalene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	22.13 ng/ul	4486330	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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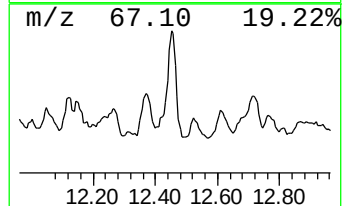
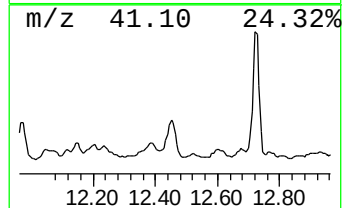
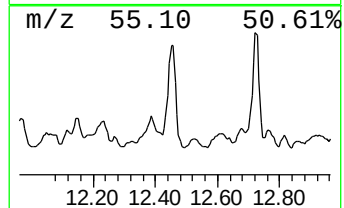
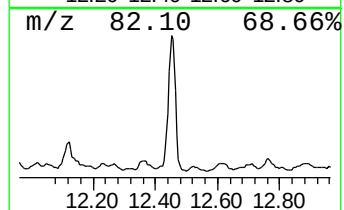
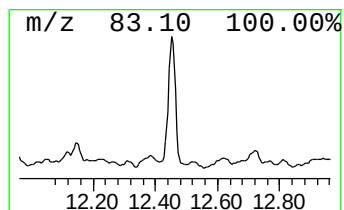
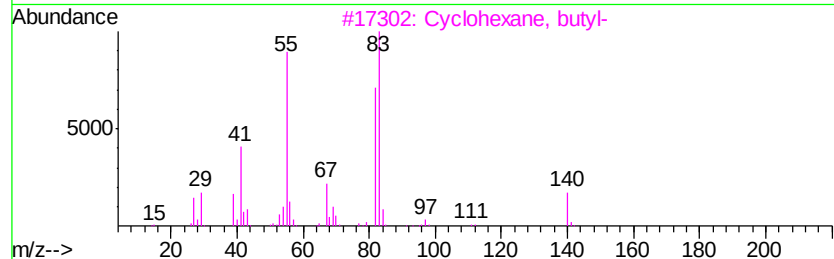
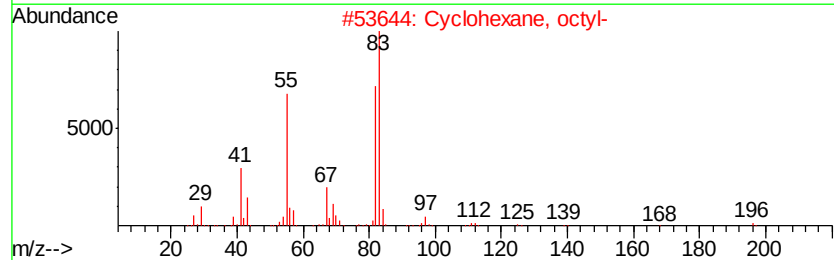
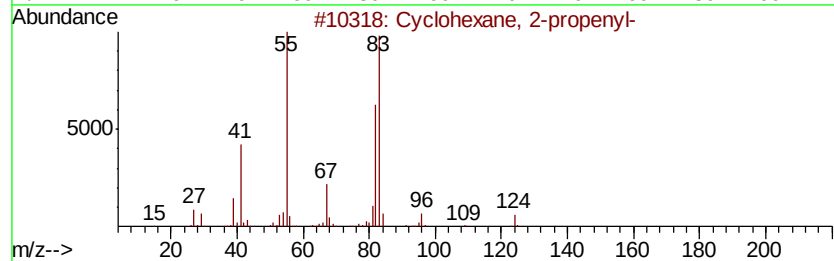
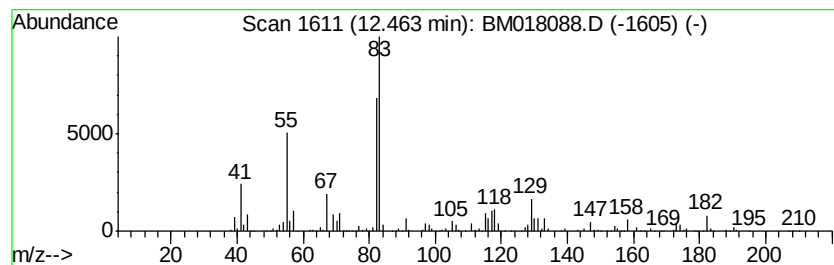
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 Cyclohexane, 2-propenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	28.09 ng/ul	3988470	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

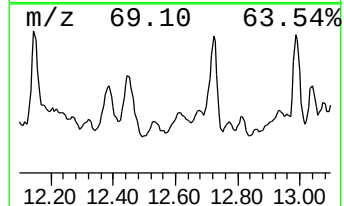
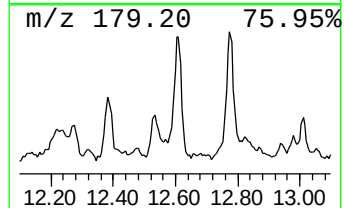
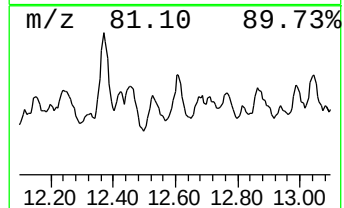
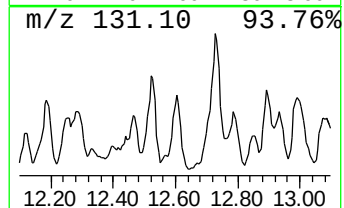
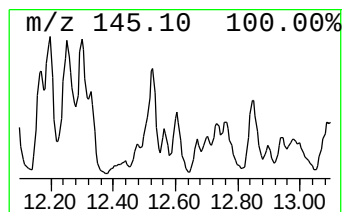
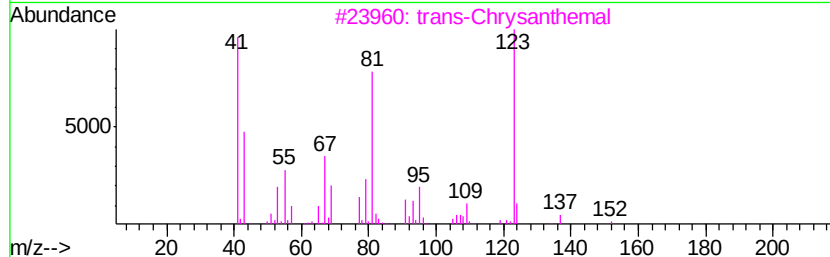
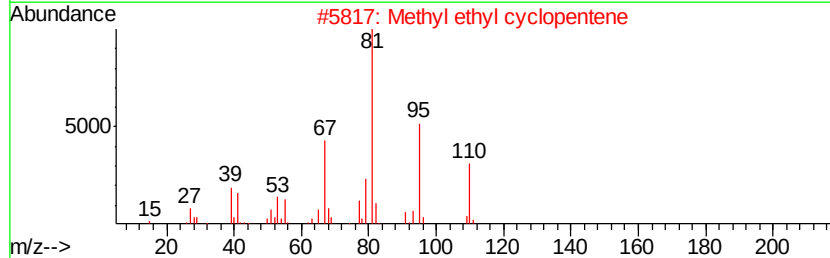
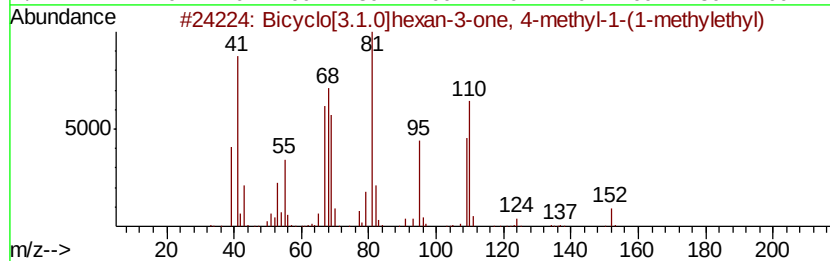
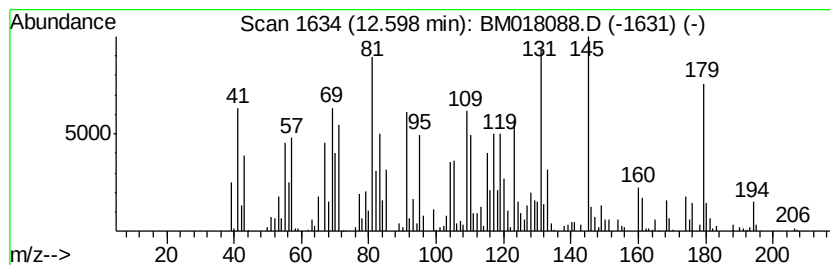
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 unknown-07 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	12.88 ng/ul	1828900	Acenaphthene-d10	14.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.0]hexan-3-one, 4-met...	152 C10H16O	001125-12-8 22
2		Methyl ethyl cyclopentene	110 C8H14	019780-56-4 18
3		trans-Chrysanthemal	152 C10H16O	020104-05-6 14
4		Cyclopentene, 1,3-dimethyl-2-(1-...	138 C10H18	061142-32-3 14
5		Cyclopentane, 1-ethenyl-3-ethyl-...	138 C10H18	055170-98-4 14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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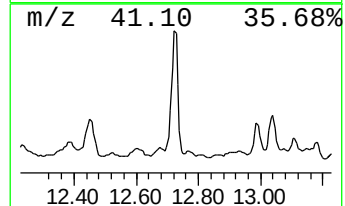
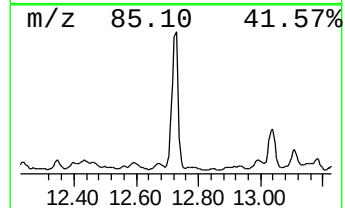
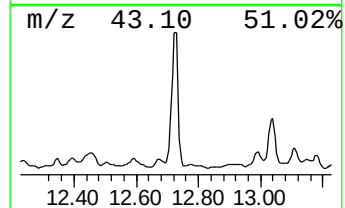
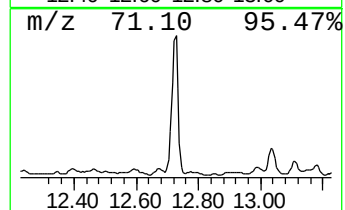
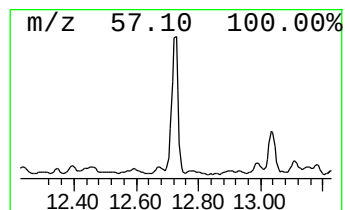
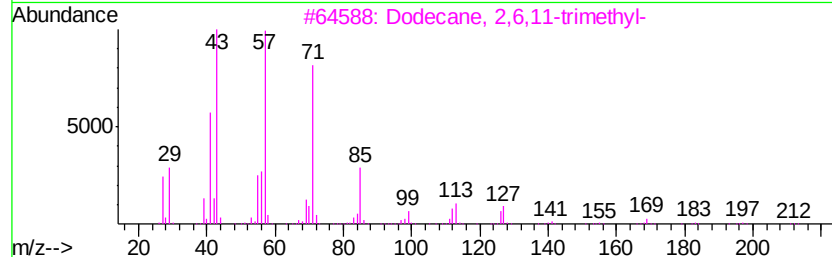
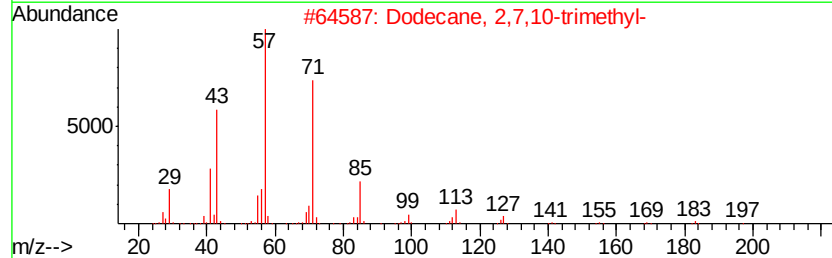
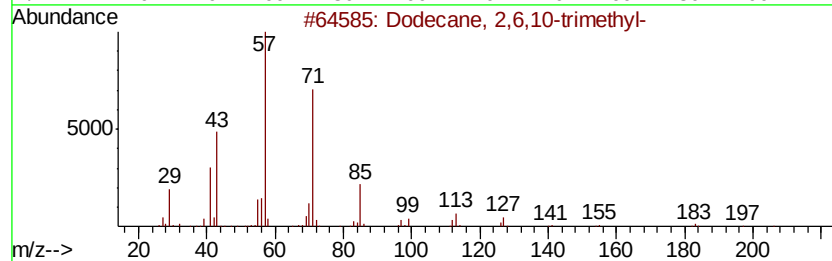
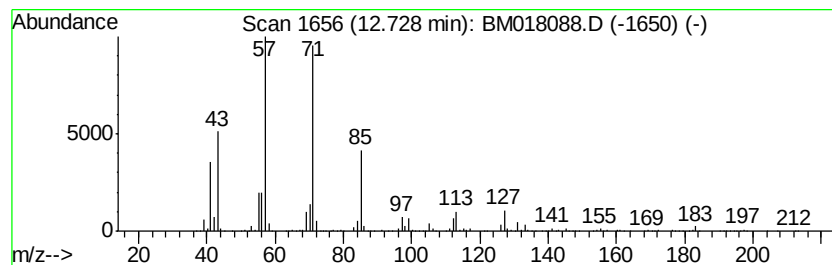
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	68.27 ng/ul	9694700	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	55
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Sample : J6171-10
Misc :
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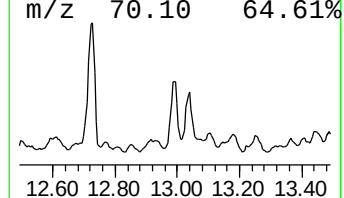
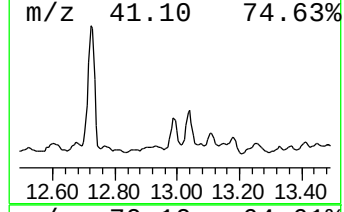
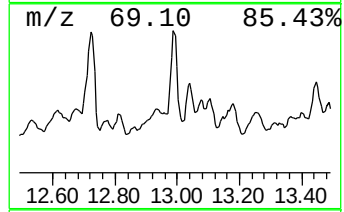
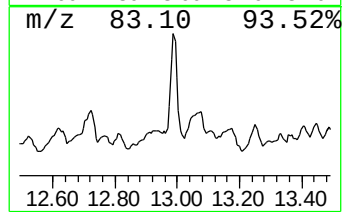
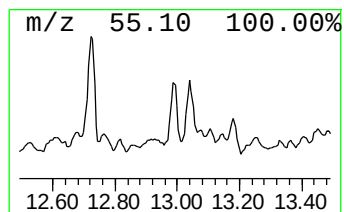
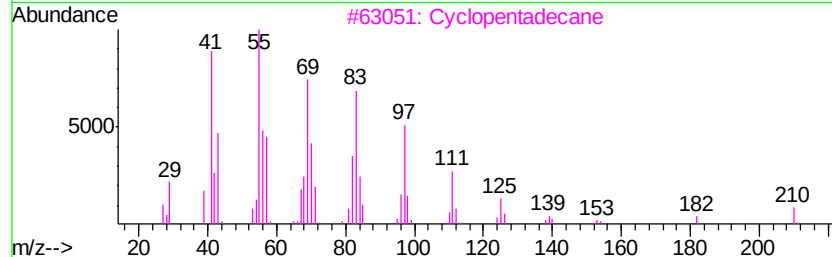
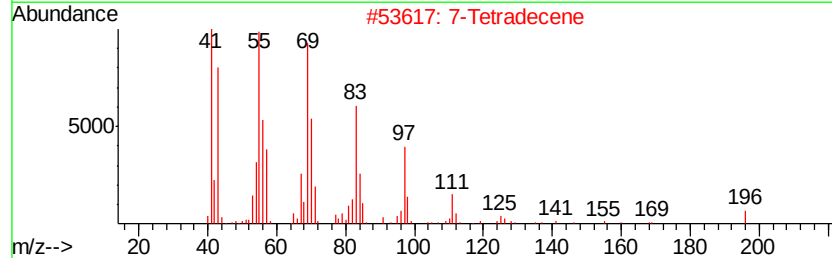
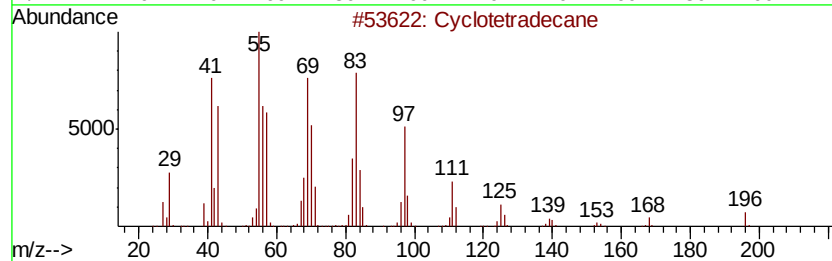
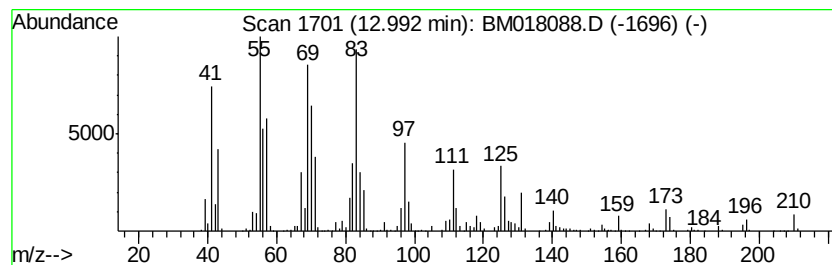
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Cyclic12.99 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.99	19.20 ng/ul	2726660	Acenaphthene-d10		14.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	7-Tetradecene	196	C14H28	010374-74-0	89
3	Cyclopentadecane	210	C15H30	000295-48-7	89
4	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	87
5	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
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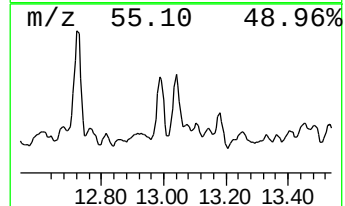
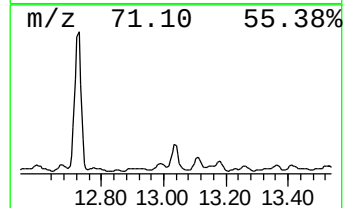
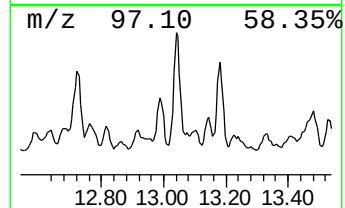
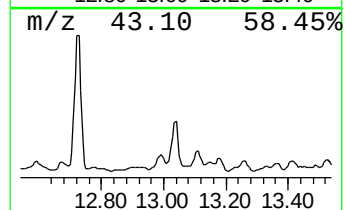
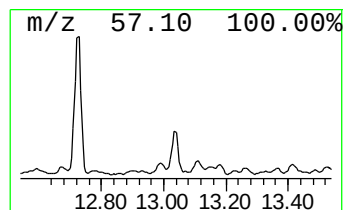
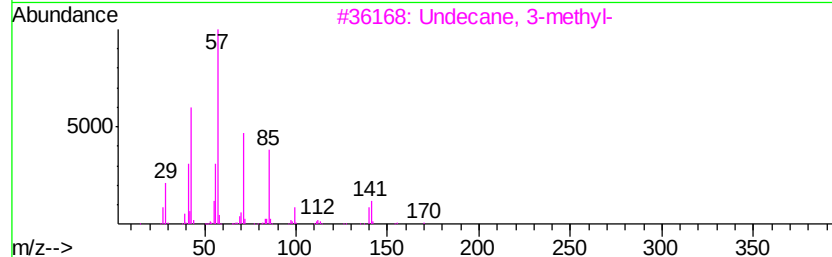
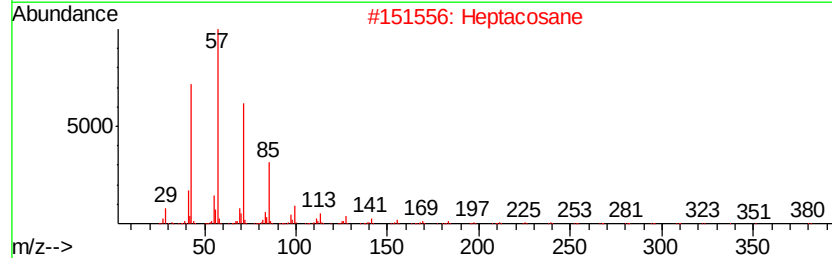
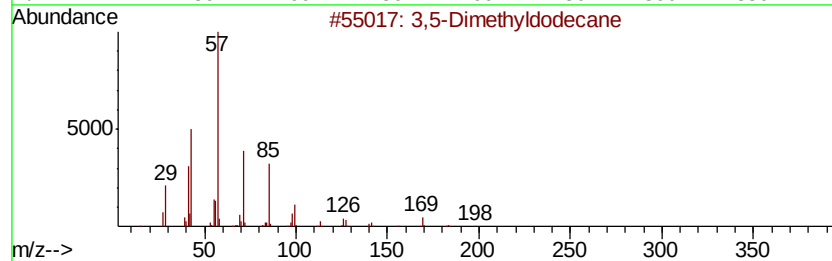
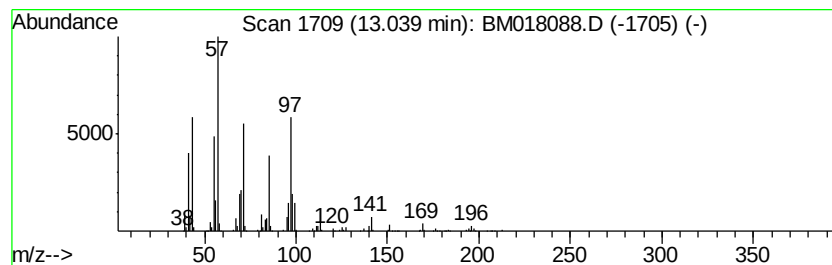
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	18.40 ng/ul	2613210	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	49
2		Heptacosane	380	C27H56	000593-49-7	47
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	46
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	43
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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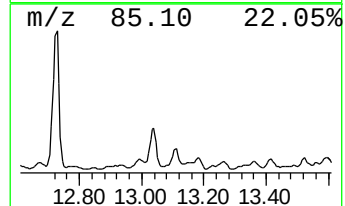
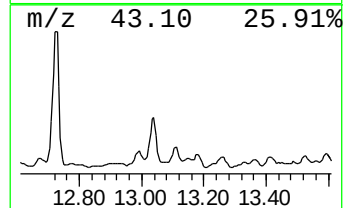
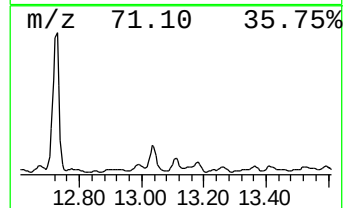
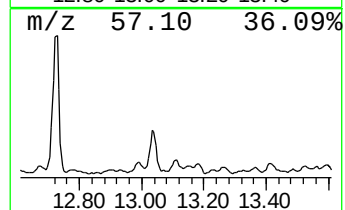
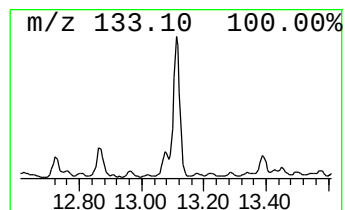
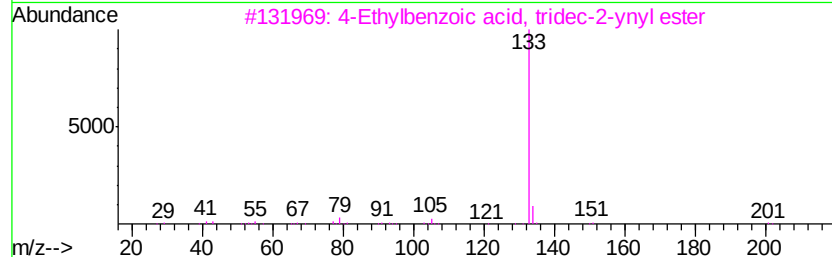
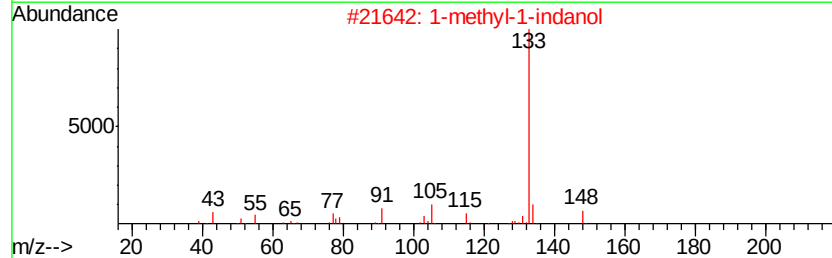
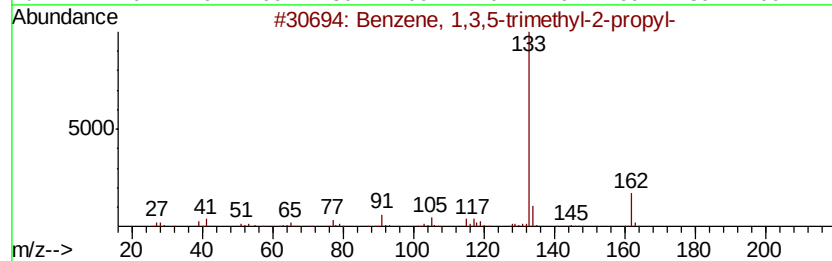
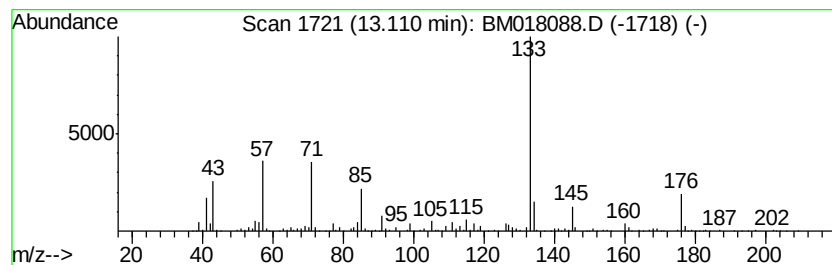
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 unknown-08 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	15.89 ng/ul	2256010	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	38
2			1-methyl-1-indanol	148	C10H12O	064666-42-8	32
3			4-Ethylbenzoic acid, tridec-2-yn...	328	C22H32O2	1000292-54-9	32
4			1H-Imidazole, 1-[(2,4,6-trimethyl...	200	C13H16N2	084567-17-9	23
5			Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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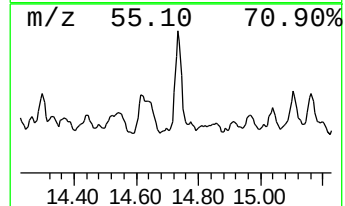
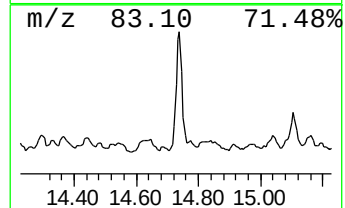
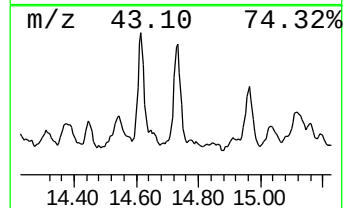
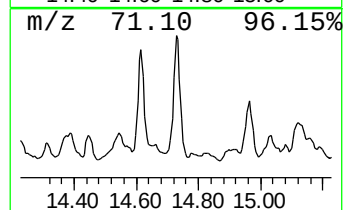
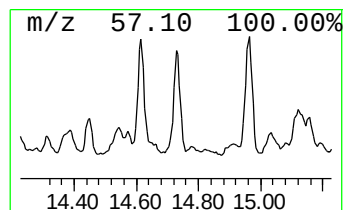
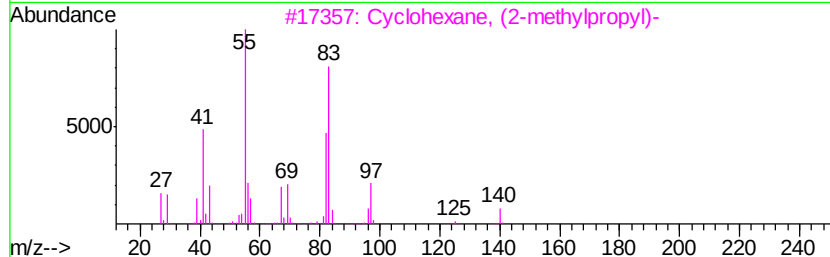
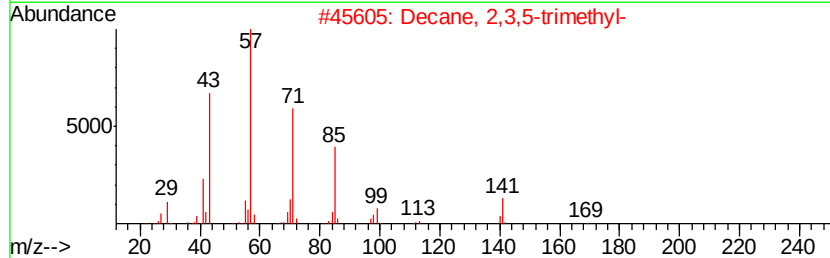
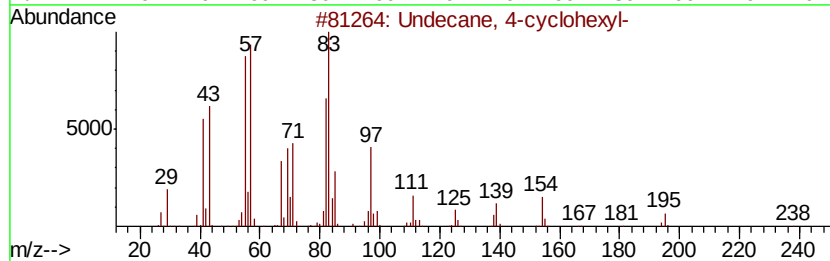
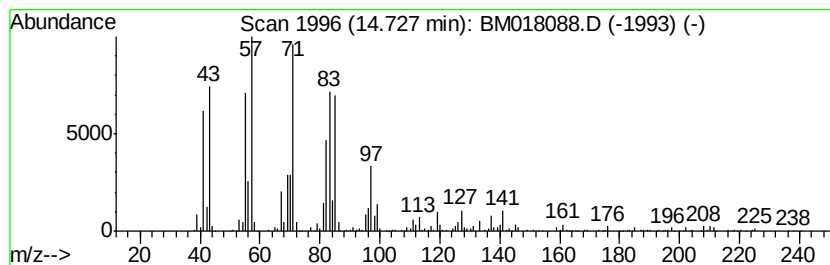
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Quant Title : SVOA CALIBRATION

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

Peak Number 61 (DEL) Alkane: Cyclic14.73 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	26.65 ng/ul	3783960	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	49
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
4		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	42
5		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
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Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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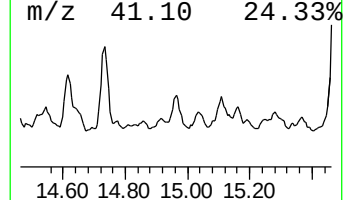
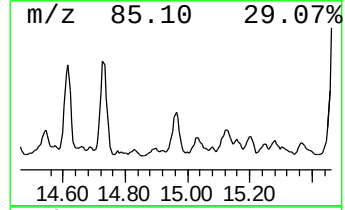
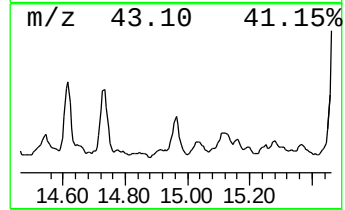
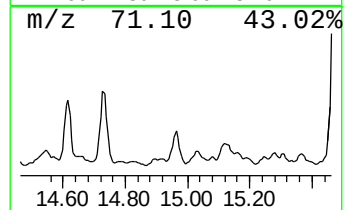
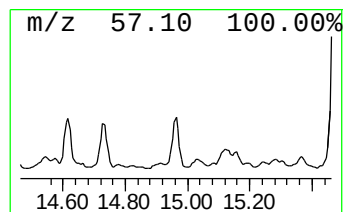
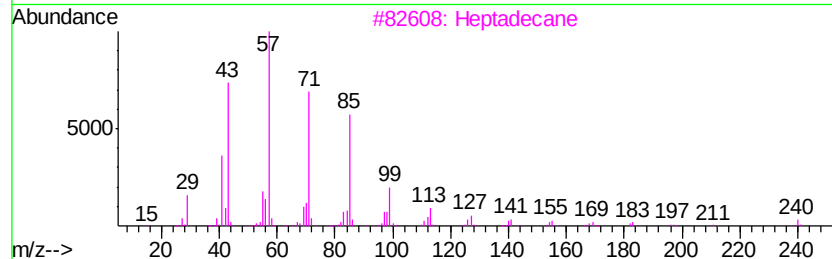
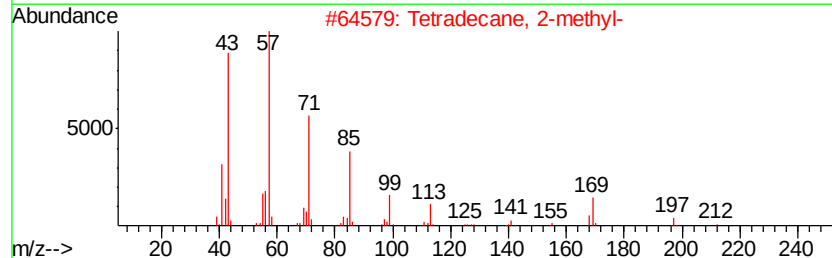
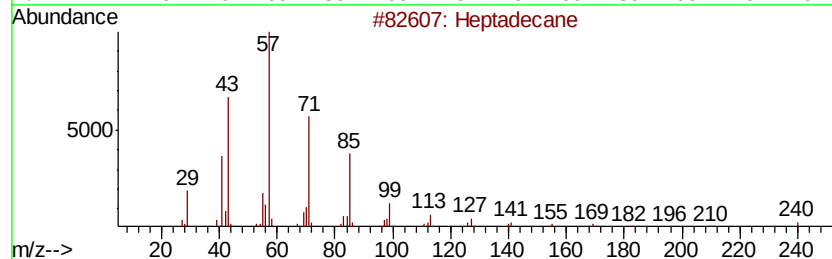
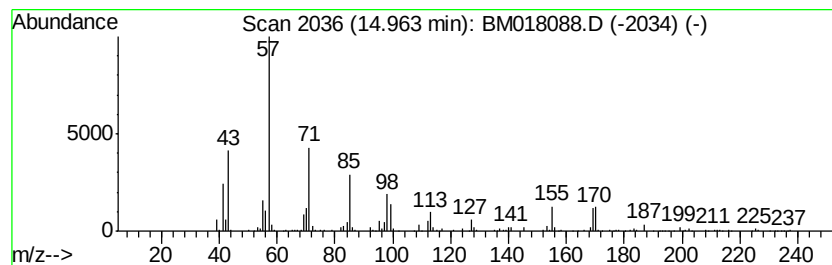
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Quant Title : SVOA CALIBRATION

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

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	9.97 ng/ul	1415210	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	64
2		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	62
3		Heptadecane	240	C17H36	000629-78-7	52
4		Hexadecane	226	C16H34	000544-76-3	52
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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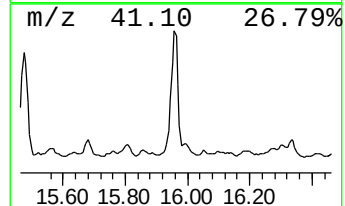
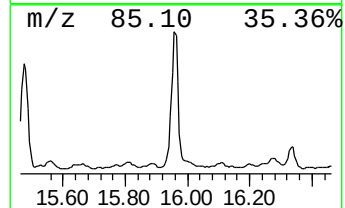
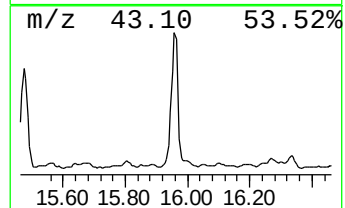
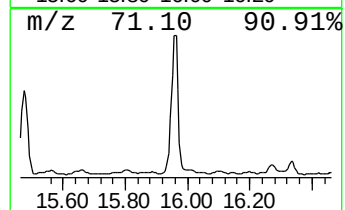
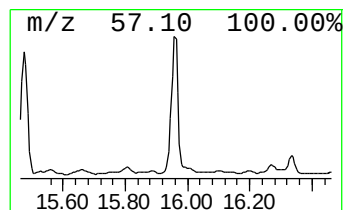
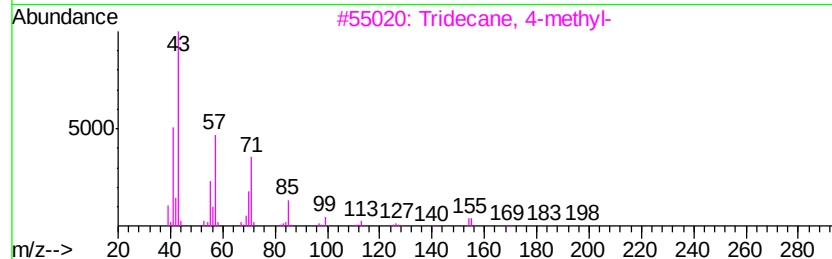
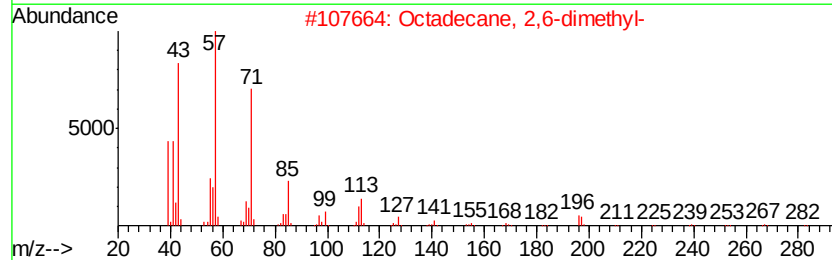
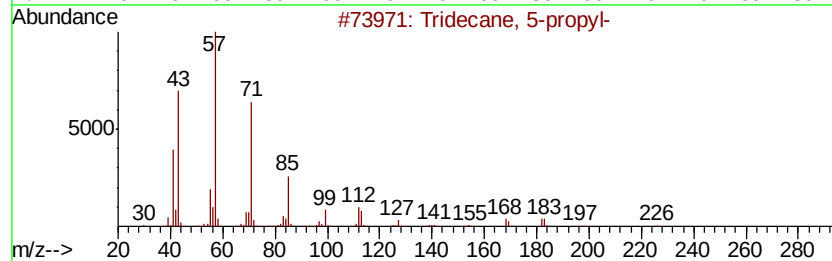
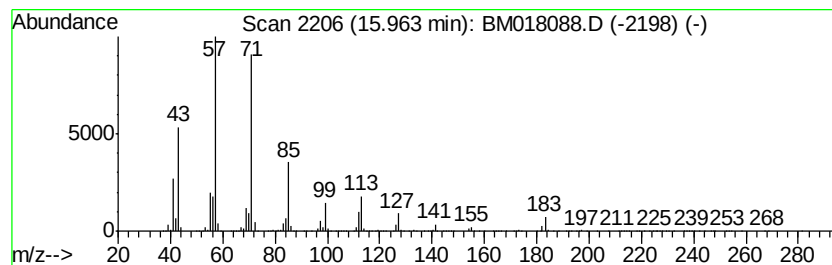
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Quant Title : SVOA CALIBRATION

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	72.86 ng/ul	12072100	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	78
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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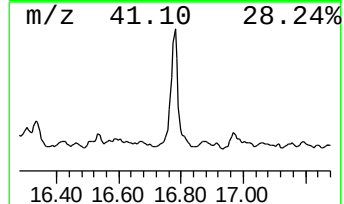
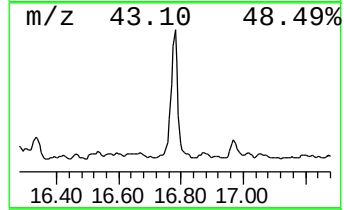
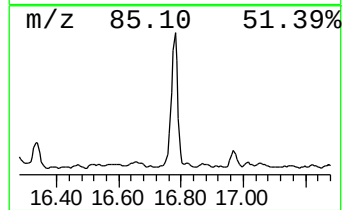
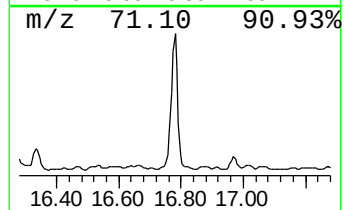
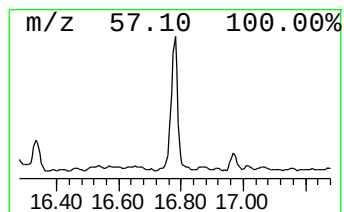
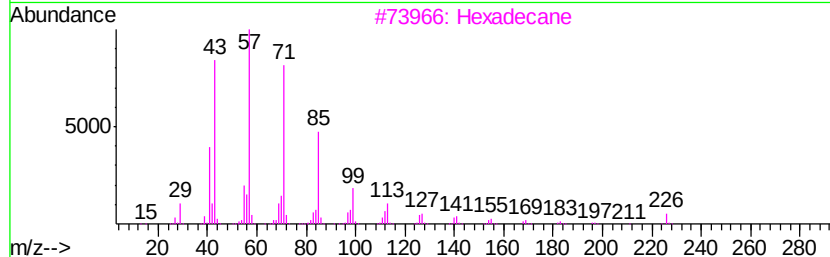
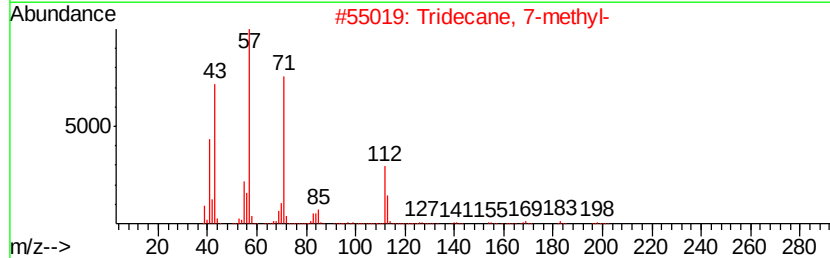
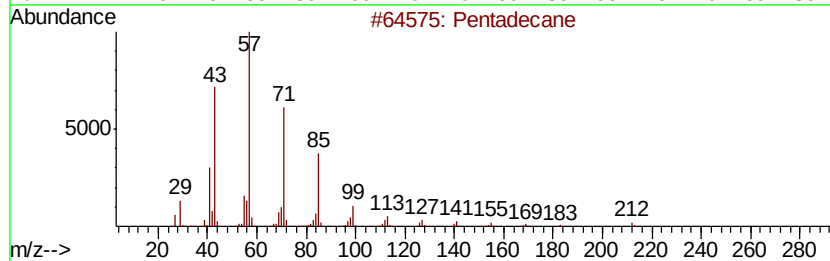
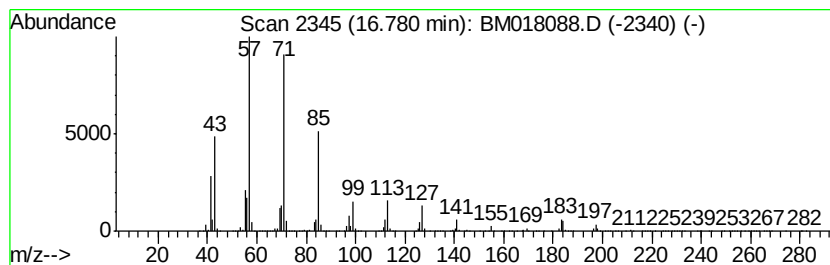
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Quant Title : SVOA CALIBRATION

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

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	46.79 ng/ul	7752330	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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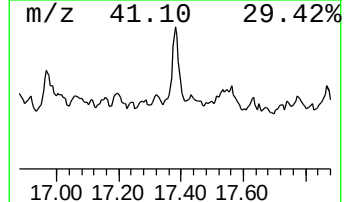
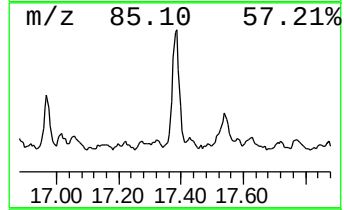
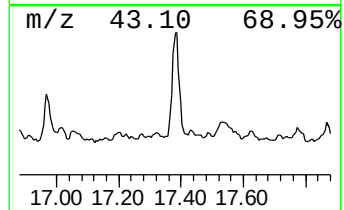
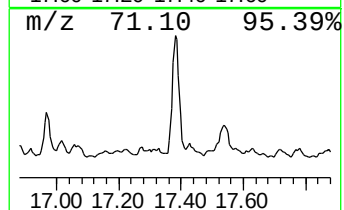
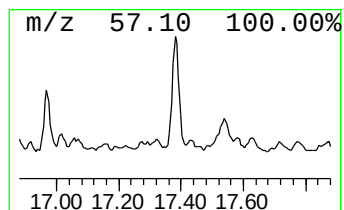
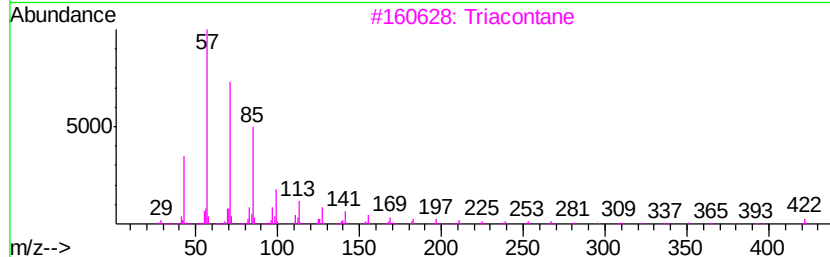
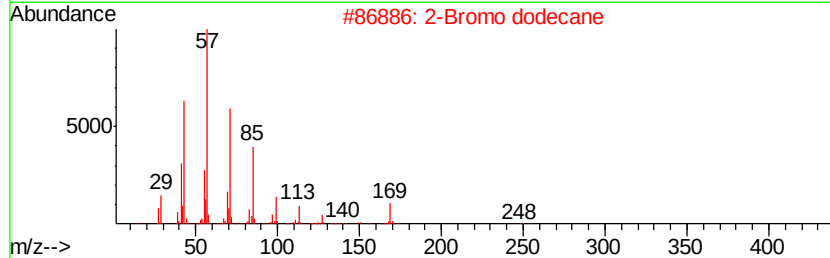
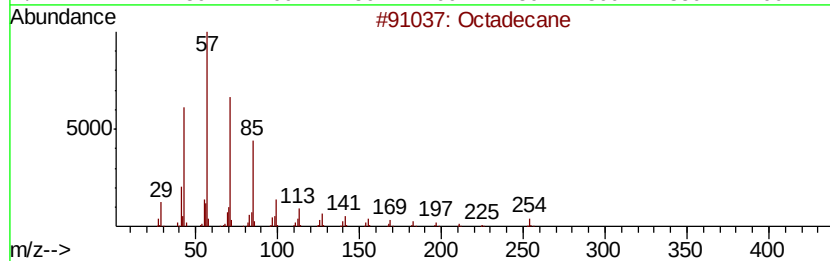
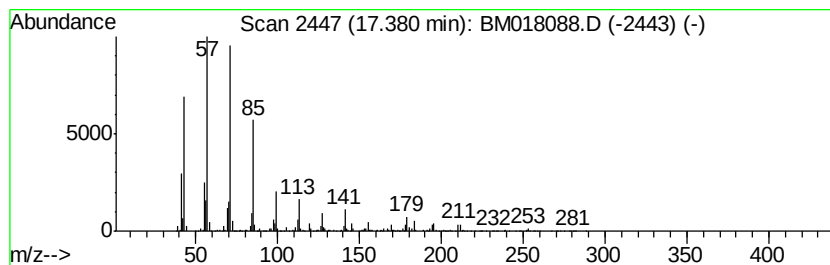
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Quant Title : SVOA CALIBRATION

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	12.44 ng/ul	2060890	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3		Triacontane	422	C30H62	000638-68-6	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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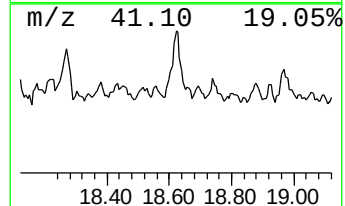
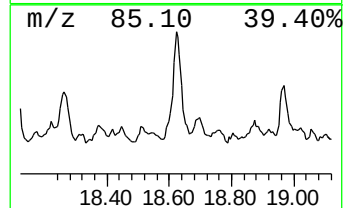
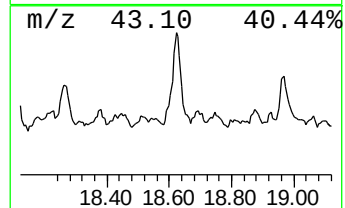
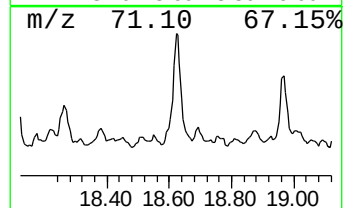
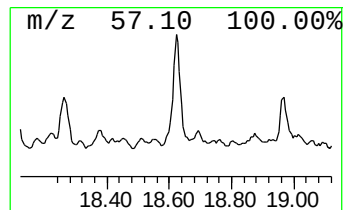
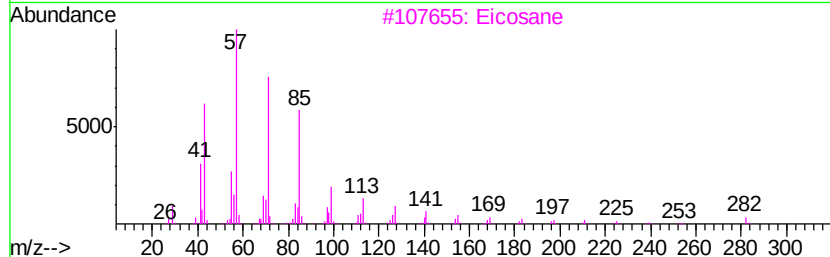
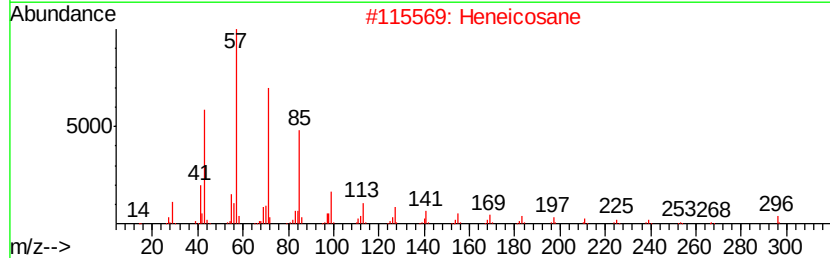
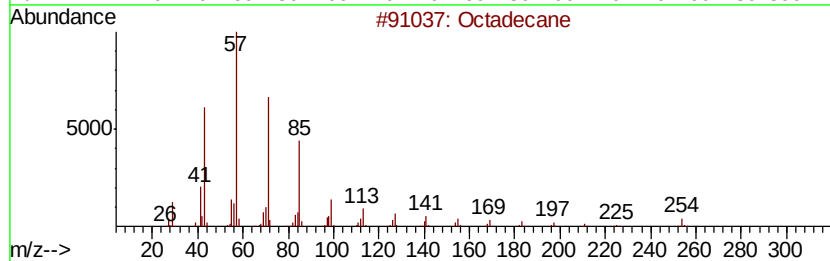
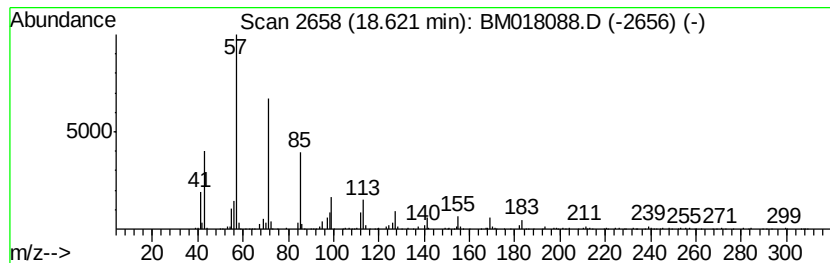
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Quant Title : SVOA CALIBRATION

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	8.84 ng/ul	1464510	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Eicosane	282	C20H42	000112-95-8	86
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
 Data File : BM018088.D
 Acq On : 12 Dec 2018 09:53
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 Sample : J6171-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
Cyclohexane, 1,1,...	4.80	22.2	ng/ul	1686660	1	7.55	1521650	20.0
Cyclopentane, 1-m...	5.45	15.6	ng/ul	1190030	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	5.53	15.3	ng/ul	1163650	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	5.84	31.2	ng/ul	2375720	1	7.55	1521650	20.0
Bicyclo[3.3.1]nonane	6.06	39.8	ng/ul	3024030	1	7.55	1521650	20.0
Nonane, 3-methyl-	6.12	38.6	ng/ul	2939500	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	6.19	36.5	ng/ul	2778450	1	7.55	1521650	20.0
(DEL) Alkane: Str...	6.22	42.8	ng/ul	3252610	1	7.55	1521650	20.0
Benzene, propyl-	6.53	17.1	ng/ul	1302200	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	6.68	56.5	ng/ul	4297700	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	6.99	22.9	ng/ul	1742770	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	7.03	31.8	ng/ul	2420230	1	7.55	1521650	20.0
Cyclohexane, 1-br...	7.25	16.3	ng/ul	1241400	1	7.55	1521650	20.0
unknown-01	7.45	35.7	ng/ul	2718100	1	7.55	1521650	20.0
unknown-02	7.49	22.9	ng/ul	1746110	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	7.72	56.9	ng/ul	4329960	1	7.55	1521650	20.0
(DEL) Alkane: Str...	7.79	20.4	ng/ul	1552850	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	7.82	35.0	ng/ul	2662290	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	7.87	18.8	ng/ul	1431240	1	7.55	1521650	20.0
Trichloroacetic a...	7.97	14.1	ng/ul	1071970	1	7.55	1521650	20.0
4-Isopropyl-1,3-c...	8.08	34.9	ng/ul	2653720	1	7.55	1521650	20.0
Naphthalene, deca...	8.35	31.7	ng/ul	2409770	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	8.60	39.7	ng/ul	3023440	1	7.55	1521650	20.0
Benzene, 1-methyl...	8.63	84.2	ng/ul	6407960	1	7.55	1521650	20.0
(DEL) Alkane: Cyc...	8.83	26.4	ng/ul	2006870	1	7.55	1521650	20.0
unknown-03	8.87	53.1	ng/ul	4041030	1	7.55	1521650	20.0
unknown-04	8.98	15.4	ng/ul	3118220	2	10.32	4055280	20.0
unknown-05	9.05	6.2	ng/ul	1251790	2	10.32	4055280	20.0
Cyclohexene, 1-pe...	9.12	5.2	ng/ul	1055790	2	10.32	4055280	20.0
(DEL) Alkane: Str...	9.16	13.0	ng/ul	2630780	2	10.32	4055280	20.0
Naphthalene, deca...	9.23	19.0	ng/ul	3858250	2	10.32	4055280	20.0
trans-4a-Methyl-d...	9.49	29.5	ng/ul	5990600	2	10.32	4055280	20.0
(DEL) Alkane: Cyc...	9.66	5.9	ng/ul	1193020	2	10.32	4055280	20.0
Benzene, 1,2,4,5-...	9.73	38.2	ng/ul	7750550	2	10.32	4055280	20.0
Benzene, 1-methyl...	10.02	10.3	ng/ul	2093930	2	10.32	4055280	20.0
Naphthalene, deca...	10.09	7.0	ng/ul	1411490	2	10.32	4055280	20.0
(DEL) Alkane: Cyc...	10.17	8.0	ng/ul	1615440	2	10.32	4055280	20.0
(DEL) Alkane: Cyc...	10.21	5.5	ng/ul	1115400	2	10.32	4055280	20.0
Benzene, pentamet...	10.53	12.3	ng/ul	2488940	2	10.32	4055280	20.0
unknown-06	10.60	7.3	ng/ul	1480030	2	10.32	4055280	20.0
Benzene, 1-ethyl-...	10.69	8.3	ng/ul	1687910	2	10.32	4055280	20.0
(DEL) Alkane: Cyc...	10.79	19.0	ng/ul	3851610	2	10.32	4055280	20.0
(DEL) Alkane: Cyc...	10.98	12.9	ng/ul	2617710	2	10.32	4055280	20.0
(DEL) Alkane: Cyc...	11.01	17.4	ng/ul	3525650	2	10.32	4055280	20.0
(DEL) Alkane: Cyc...	11.15	5.6	ng/ul	1141270	2	10.32	4055280	20.0
(DEL) Alkane: Str...	11.35	64.2	ng/ul	13025700	2	10.32	4055280	20.0
Naphthalene, 1,2,...	11.50	14.4	ng/ul	2923320	2	10.32	4055280	20.0
(DEL) Alkane: Cyc...	11.59	16.3	ng/ul	3302100	2	10.32	4055280	20.0
(DEL) Alkane: Cyc...	11.73	5.5	ng/ul	1111330	2	10.32	4055280	20.0

(DEL) Alkane: Cyc...	12.15	6.5 ng/ul	1324260	2	10.32	4055280	20.0
Naphthalene, 2-me...	12.22	22.1 ng/ul	4486330	2	10.32	4055280	20.0
Cyclohexane, 2-pr...	12.46	28.1 ng/ul	3988470	3	14.20	2839980	20.0
unknown-07	12.60	12.9 ng/ul	1828900	3	14.20	2839980	20.0
(DEL) Alkane: Str...	12.73	68.3 ng/ul	9694700	3	14.20	2839980	20.0
(DEL) Alkane: Cyc...	12.99	19.2 ng/ul	2726660	3	14.20	2839980	20.0
(DEL) Alkane: Str...	13.04	18.4 ng/ul	2613210	3	14.20	2839980	20.0
unknown-08	13.11	15.9 ng/ul	2256010	3	14.20	2839980	20.0
(DEL) Alkane: Cyc...	14.73	26.6 ng/ul	3783960	3	14.20	2839980	20.0
(DEL) Alkane: Str...	14.96	10.0 ng/ul	1415210	3	14.20	2839980	20.0
(DEL) Alkane: Str...	15.96	72.9 ng/ul	12072100	4	16.96	3313750	20.0
(DEL) Alkane: Str...	16.78	46.8 ng/ul	7752330	4	16.96	3313750	20.0
(DEL) Alkane: Str...	17.38	12.4 ng/ul	2060890	4	16.96	3313750	20.0
(DEL) Alkane: Str...	18.62	8.8 ng/ul	1464510	4	16.96	3313750	20.0

Instrument :
BNA_M
ClientSampleId :
F9Y14