

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
 Data File : BN002382.D
 Acq On : 17 Aug 2018 17:14
 Operator : JU/SJ
 Sample : J4424-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z61

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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_N\METHODS\SOM-EPA-BN081318MA.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	6.857	649	658	673	rVB	232624	493316	2.91%	0.241%
2	7.216	714	719	734	rVB	262469	557813	3.29%	0.272%
3	7.669	789	796	804	rVB2	958848	1960735	11.58%	0.957%
4	8.216	884	889	901	rVB3	209407	593140	3.50%	0.290%
5	8.345	901	911	914	rBV	452125	788618	4.66%	0.385%
6	8.381	914	917	927	rVV	302504	613648	3.62%	0.300%
7	8.492	928	936	940	rVV2	333291	657840	3.88%	0.321%
8	8.551	941	946	949	rVV	317156	622167	3.67%	0.304%
9	8.987	1014	1020	1022	rBV2	325285	590453	3.49%	0.288%
10	9.128	1031	1044	1051	rBV4	395735	1382979	8.17%	0.675%
11	9.245	1059	1064	1069	rVB2	318516	536655	3.17%	0.262%
12	9.310	1069	1075	1081	rBV3	469296	933123	5.51%	0.455%
13	9.375	1081	1086	1092	rVV2	696881	1226627	7.24%	0.599%
14	9.539	1108	1114	1119	rBV3	690104	1488153	8.79%	0.726%
15	9.581	1119	1121	1125	rVV	497292	640494	3.78%	0.313%
16	9.634	1125	1130	1139	rVV3	1275606	2352934	13.89%	1.148%
17	9.916	1173	1178	1182	rVB5	297716	553109	3.27%	0.270%
18	10.045	1194	1200	1203	rBV4	410175	869599	5.13%	0.424%
19	10.192	1221	1225	1230	rBV2	325243	526751	3.11%	0.257%
20	10.322	1242	1247	1249	rBV2	307790	512350	3.03%	0.250%
21	10.351	1249	1252	1257	rVV2	448403	946886	5.59%	0.462%
22	10.445	1260	1268	1276	rVV	1695869	4358623	25.74%	2.127%
23	10.522	1277	1281	1285	rVV3	476440	918540	5.42%	0.448%
24	10.575	1285	1290	1293	rVV6	799165	1579018	9.32%	0.771%
25	10.622	1293	1298	1304	rVV	2353700	3996311	23.60%	1.951%
26	10.681	1304	1308	1315	rVV3	500740	1366265	8.07%	0.667%
27	10.745	1316	1319	1324	rVB5	399407	623909	3.68%	0.305%
28	10.857	1332	1338	1342	rBV5	419322	768919	4.54%	0.375%
29	10.939	1348	1352	1356	rBV4	436264	605621	3.58%	0.296%
30	11.151	1377	1388	1396	rVV7	1125847	3344221	19.75%	1.632%
31	11.222	1396	1400	1406	rVV3	511833	999113	5.90%	0.488%
32	11.286	1407	1411	1419	rVV5	525596	1097752	6.48%	0.536%
33	11.386	1420	1428	1432	rVB5	479990	1244654	7.35%	0.608%
34	11.481	1439	1444	1449	rBV	3027342	5194488	30.67%	2.535%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : SVOA CALIBRATION

35	11.739	1485	1488	1493	rVV5	283874	496845	2.93%	0.243%
36	11.869	1506	1510	1512	rBV2	348580	536469	3.17%	0.262%
37	12.104	1540	1550	1559	rVB5	1000433	3384325	19.98%	1.652%
38	12.192	1559	1565	1571	rBV4	923626	1897656	11.20%	0.926%
39	12.251	1571	1575	1579	rBV2	511822	813323	4.80%	0.397%
40	12.328	1583	1588	1592	rBV4	451625	856534	5.06%	0.418%
41	12.369	1592	1595	1600	rBV5	324825	477954	2.82%	0.233%
42	12.580	1626	1631	1638	rVB2	1036796	2015564	11.90%	0.984%
43	12.739	1652	1658	1663	rVB4	1274418	2388779	14.10%	1.166%
44	12.798	1664	1668	1672	rBV5	639009	1197980	7.07%	0.585%
45	12.851	1673	1677	1681	rVV	3033909	4188208	24.73%	2.044%
46	12.904	1681	1686	1691	rVB	1434079	2475873	14.62%	1.208%
47	13.086	1713	1717	1726	rBV	1683466	3011385	17.78%	1.470%
48	13.163	1727	1730	1733	rBV2	579416	723697	4.27%	0.353%
49	13.233	1738	1742	1748	rBV2	969212	1796556	10.61%	0.877%
50	13.633	1806	1810	1820	rVB7	803215	1829564	10.80%	0.893%
51	13.733	1820	1827	1832	rBV2	11146062	16935856	100.00%	8.266%
52	13.804	1834	1839	1843	rVV2	4383720	6388707	37.72%	3.118%
53	13.851	1843	1847	1856	rVB5	1565756	2898930	17.12%	1.415%
54	13.963	1863	1866	1869	rBV3	415095	609047	3.60%	0.297%
55	14.004	1869	1873	1876	rVV	811633	1345463	7.94%	0.657%
56	14.051	1876	1881	1888	rVV6	1890171	4309688	25.45%	2.104%
57	14.145	1892	1897	1904	rVB	5531245	8742090	51.62%	4.267%
58	14.216	1904	1909	1914	rBV4	1059887	1925827	11.37%	0.940%
59	14.280	1915	1920	1922	rBV3	1608998	2751803	16.25%	1.343%
60	14.310	1922	1925	1934	rVB3	2457790	4372426	25.82%	2.134%
61	14.404	1936	1941	1945	rBV4	1255296	2255759	13.32%	1.101%
62	14.539	1960	1964	1965	rBV2	575476	682873	4.03%	0.333%
63	14.727	1993	1996	2000	rVB	512112	596751	3.52%	0.291%
64	14.792	2000	2007	2011	rVB	1575531	2941089	17.37%	1.436%
65	14.845	2012	2016	2026	rVB3	1402200	2421965	14.30%	1.182%
66	14.939	2027	2032	2035	rBV2	1650986	2804336	16.56%	1.369%
67	14.969	2035	2037	2043	rVB2	1197512	1605279	9.48%	0.784%
68	15.033	2043	2048	2053	rBV4	1367313	2615977	15.45%	1.277%
69	15.104	2054	2060	2063	rVV4	1726901	3101133	18.31%	1.514%
70	15.139	2063	2066	2071	rVB4	622248	969807	5.73%	0.473%
71	15.269	2086	2088	2091	rBV2	406581	551499	3.26%	0.269%

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72	15.304	2091	2094	2098	rVB	981322	1255732	7.41%	0.613%
73	15.410	2106	2112	2116	rBV3	792675	1696427	10.02%	0.828%
74	15.474	2121	2123	2128	rVB4	619014	810721	4.79%	0.396%
75	15.533	2130	2133	2136	rVV2	567687	783917	4.63%	0.383%
76	15.580	2136	2141	2147	rVV2	2746776	4548974	26.86%	2.220%
77	15.639	2147	2151	2155	rVV4	470317	908531	5.36%	0.443%
78	15.680	2155	2158	2163	rVB	1119275	1538146	9.08%	0.751%
79	15.733	2163	2167	2171	rBV5	392728	798327	4.71%	0.390%
80	15.780	2171	2175	2178	rVV2	840704	1330731	7.86%	0.650%
81	15.816	2178	2181	2186	rVB2	858346	1222201	7.22%	0.597%
82	15.880	2187	2192	2196	rBV2	1074867	1646932	9.72%	0.804%
83	16.063	2216	2223	2233	rVB2	4192232	7289549	43.04%	3.558%
84	16.174	2238	2242	2246	rBV2	1258673	1868163	11.03%	0.912%
85	16.292	2258	2262	2267	rBV5	546872	1097102	6.48%	0.535%
86	16.569	2305	2309	2312	rBV3	422582	723641	4.27%	0.353%
87	16.716	2331	2334	2339	rBV3	385757	635364	3.75%	0.310%
88	16.880	2357	2362	2371	rVB	1980505	3742245	22.10%	1.827%
89	17.057	2387	2392	2397	rBV	2103350	3104493	18.33%	1.515%
90	17.157	2405	2409	2417	rVB	1319229	2010731	11.87%	0.981%
91	17.486	2462	2465	2474	rVB2	686663	1040058	6.14%	0.508%
92	17.933	2538	2541	2544	rBV2	295570	458284	2.71%	0.224%
93	18.115	2570	2572	2576	rVB2	606331	706705	4.17%	0.345%
94	18.727	2672	2676	2684	rVB2	1272308	1910972	11.28%	0.933%
95	19.068	2730	2734	2740	rBV3	1064805	1949728	11.51%	0.952%
96	19.457	2796	2800	2804	rBV2	1462671	2080592	12.29%	1.016%
97	19.657	2830	2834	2838	rBV	2354101	3742584	22.10%	1.827%
98	20.956	3052	3055	3062	rBV	2552799	4533265	26.77%	2.213%
99	21.186	3091	3094	3102	rBV2	2810526	4811755	28.41%	2.349%
100	21.256	3104	3106	3110	rVB	2617500	2772146	16.37%	1.353%

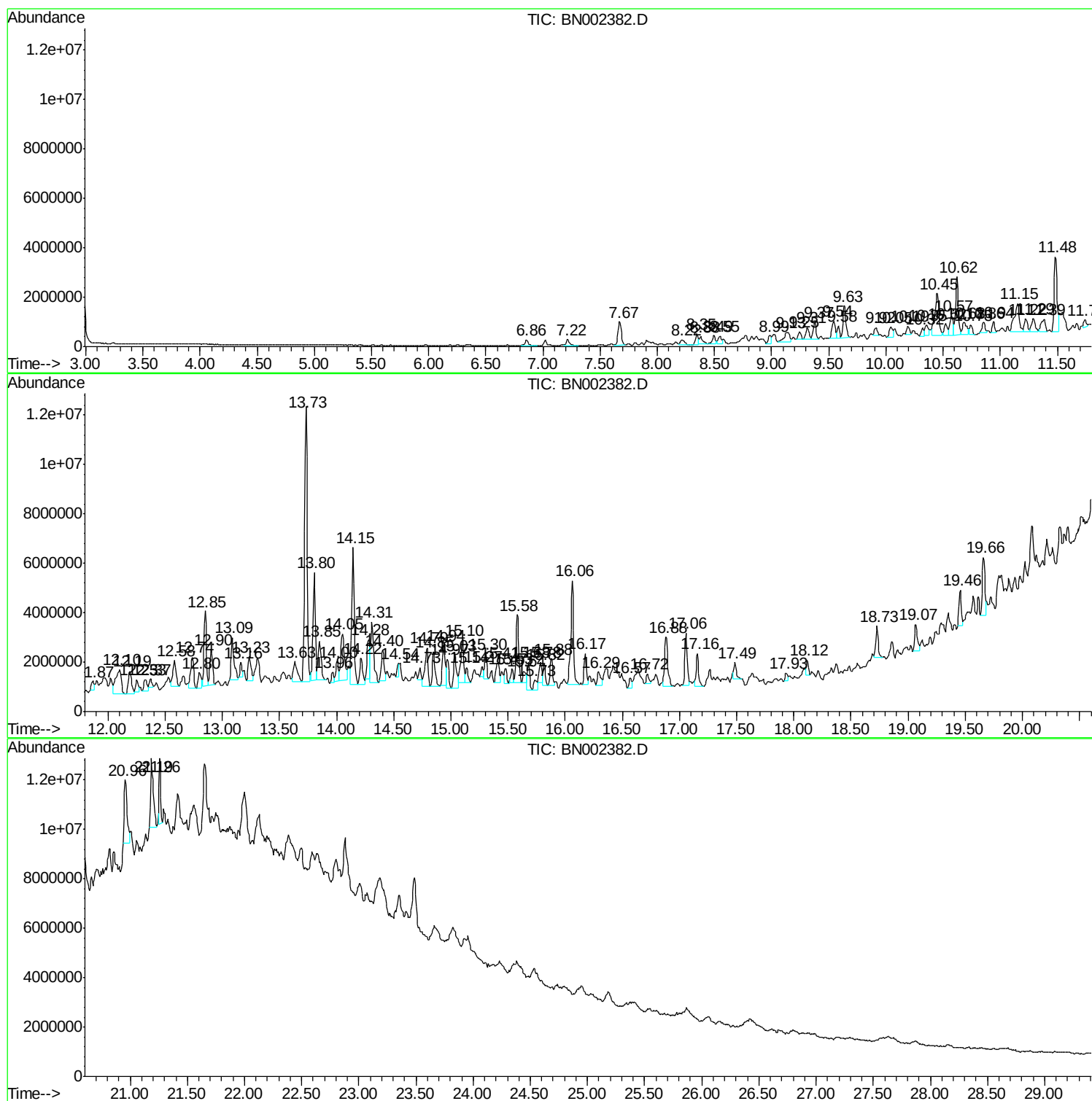
Sum of corrected areas: 204879857

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Instrument :
BNA_N
ClientSampled :
A3Z61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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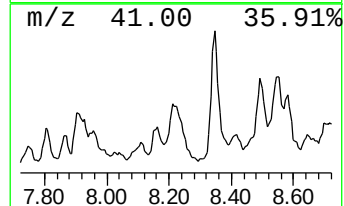
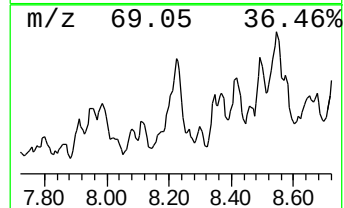
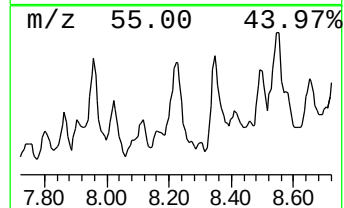
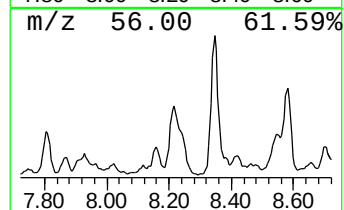
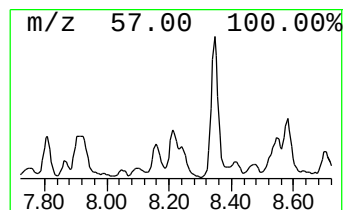
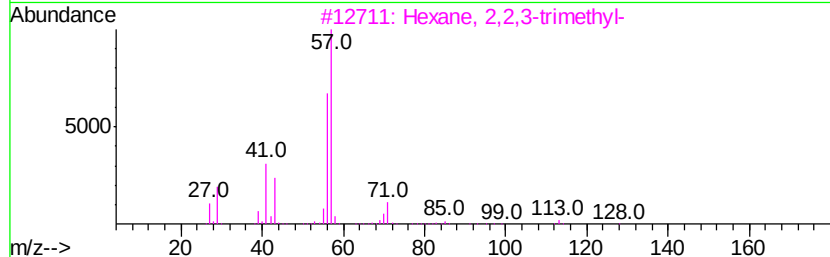
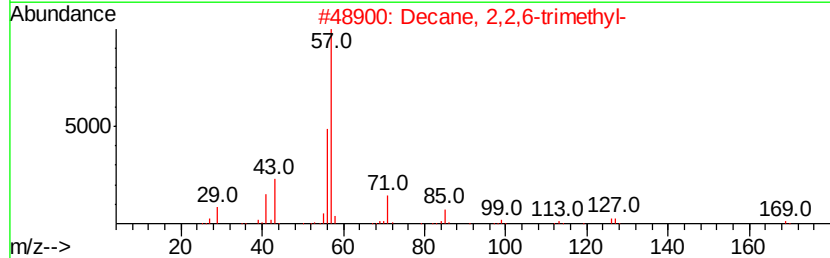
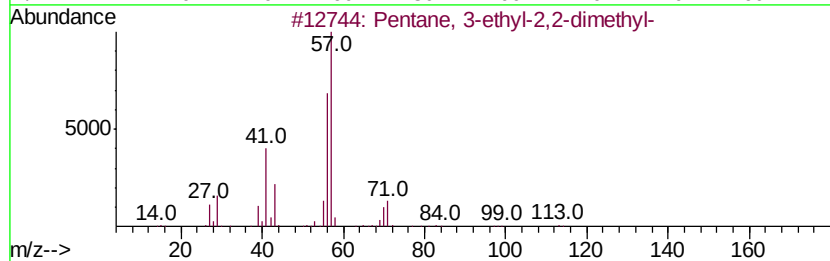
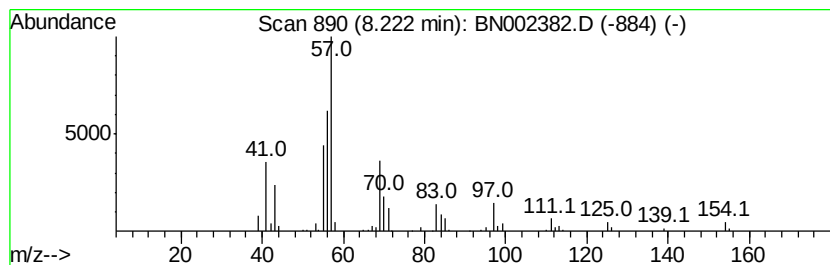
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	6.05 ng/ul	593140	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
2			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	59
3			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
5			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	59



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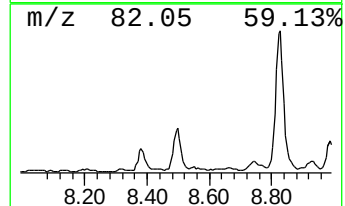
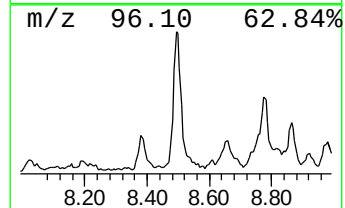
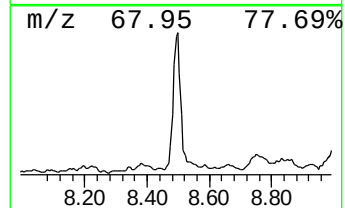
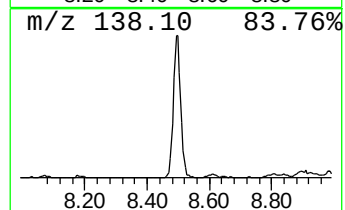
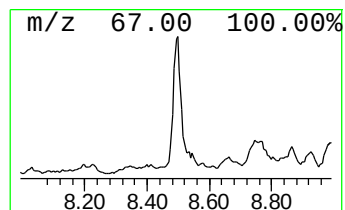
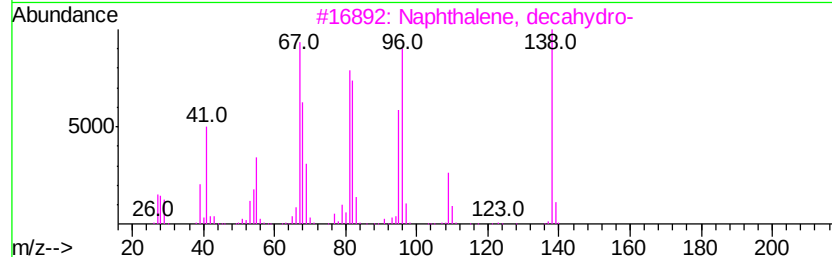
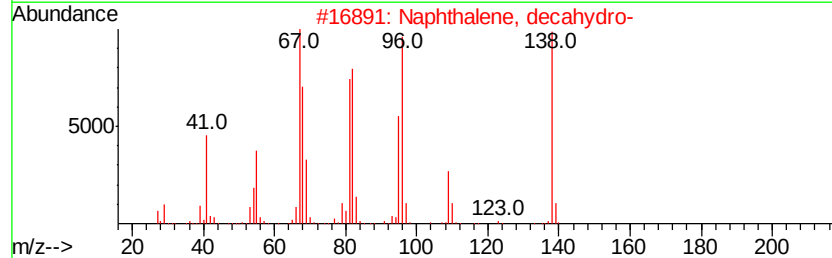
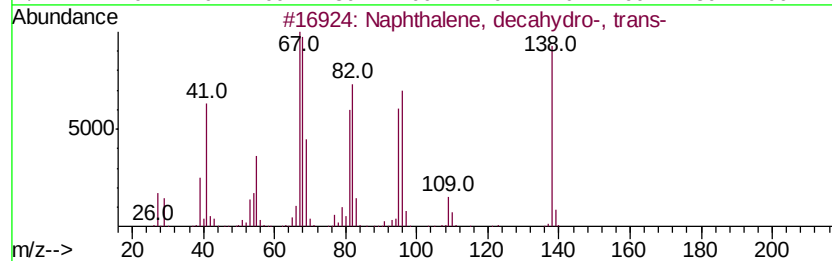
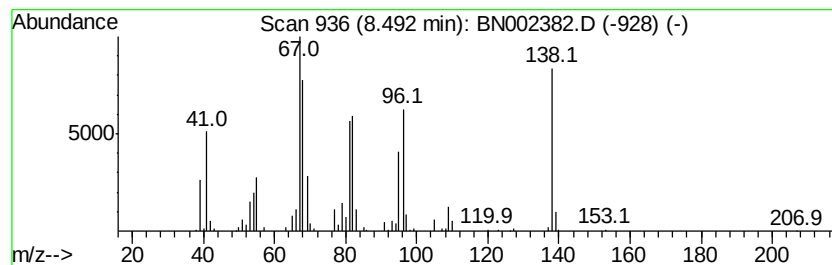
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	6.71 ng/ul	657840	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	97
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	97
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	93
5		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90



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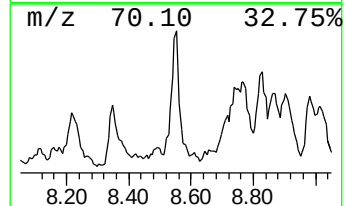
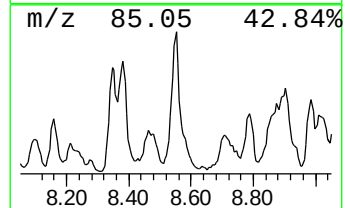
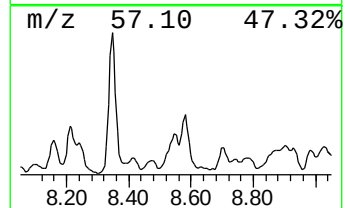
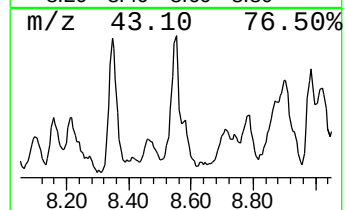
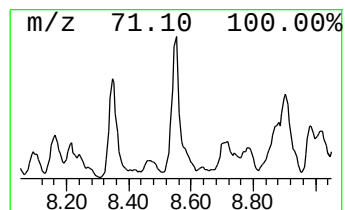
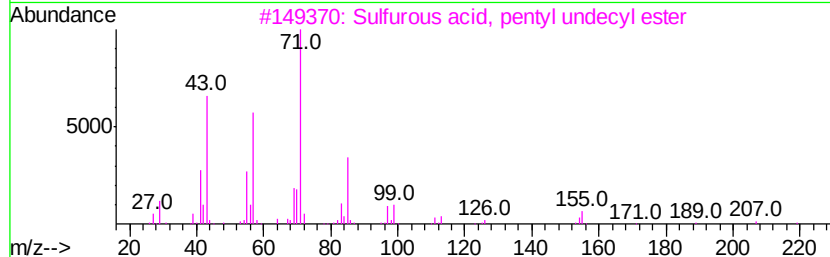
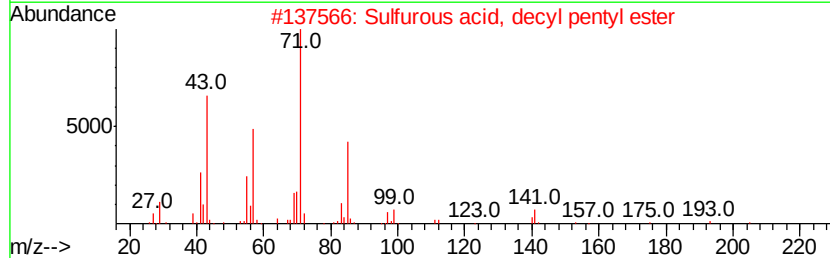
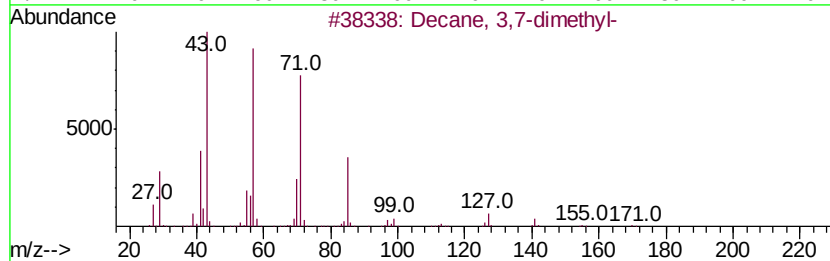
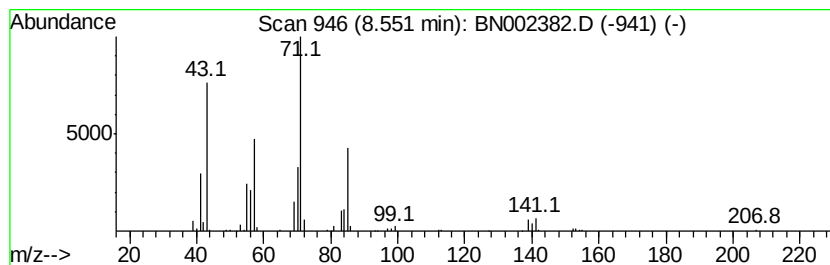
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	6.35 ng/ul	622167	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	72
2		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	64
3		Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	59
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53
5		Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	53



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Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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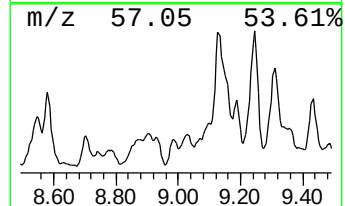
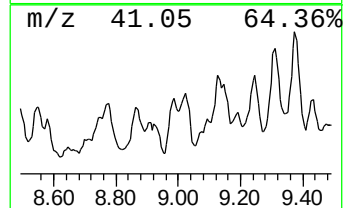
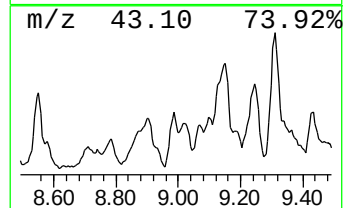
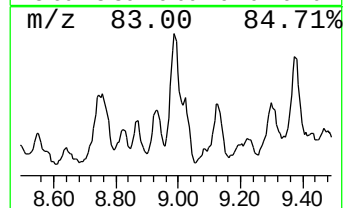
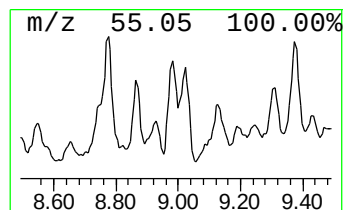
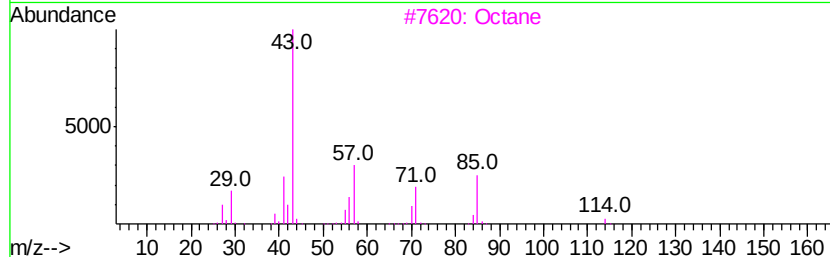
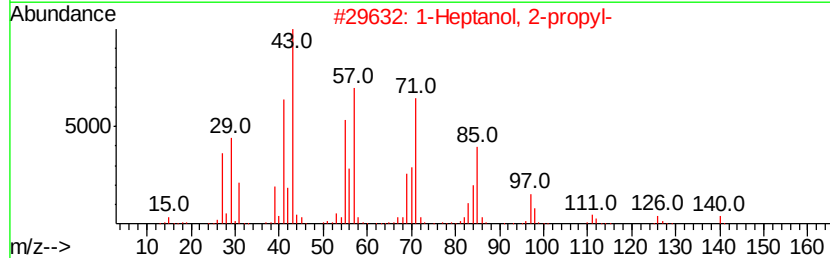
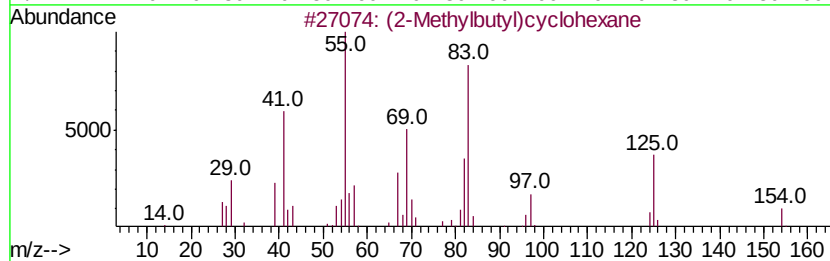
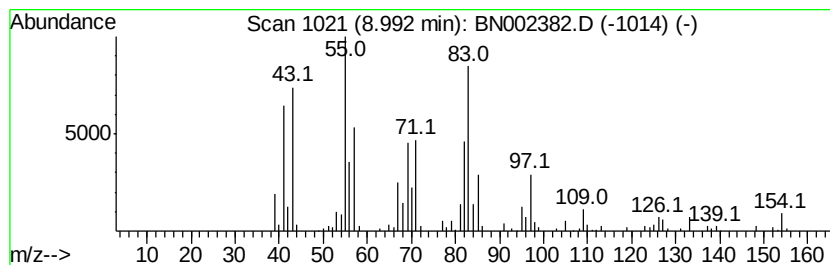
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic8.99 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	6.02 ng/ul	590453	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	46
2			1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	35
3			Octane	114	C8H18	000111-65-9	30
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
5			Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	25



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Sample : J4424-15
Misc :
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ClientSampleId :
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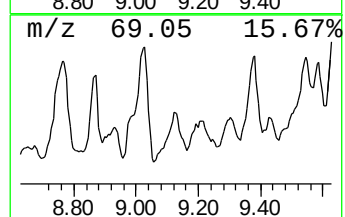
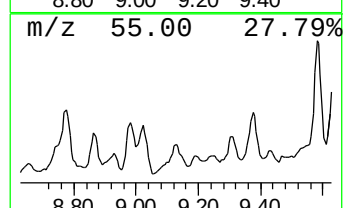
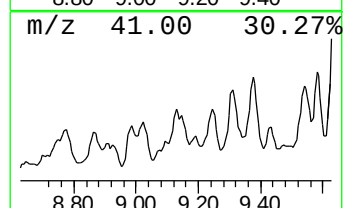
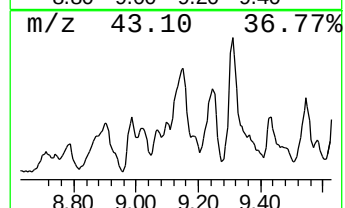
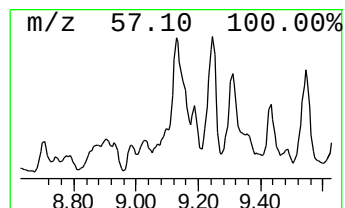
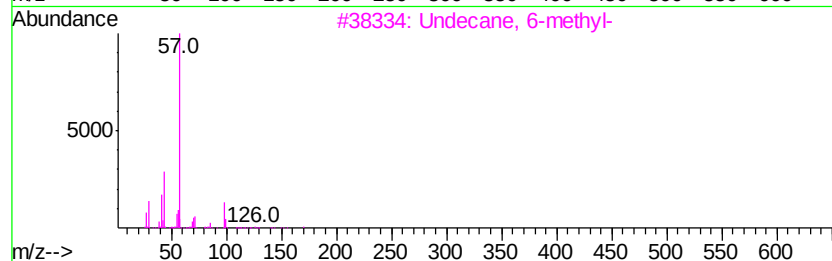
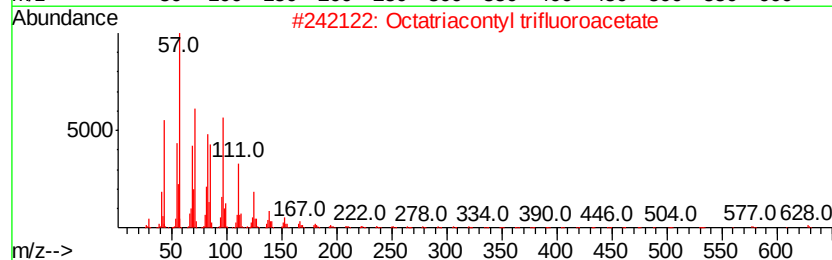
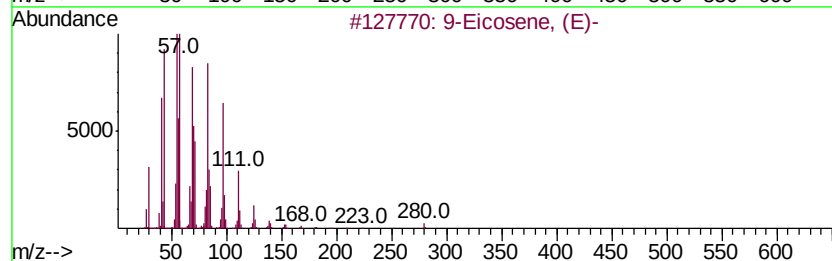
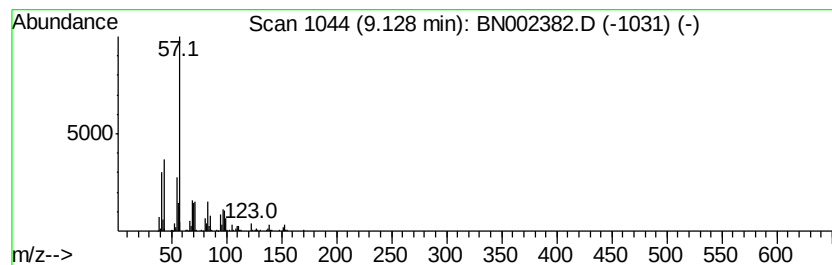
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic9.13 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	6.35 ng/ul	1382980	Naphthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	38
2		Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	38
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	38
4		1-Octadecene	252	C18H36	000112-88-9	38
5		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	38



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Sample : J4424-15
Misc :
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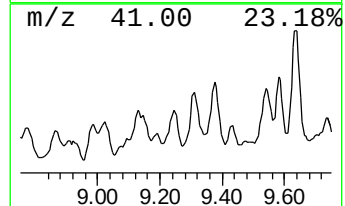
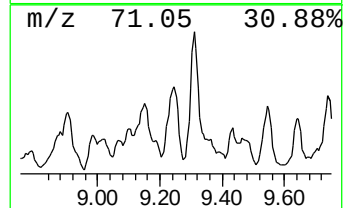
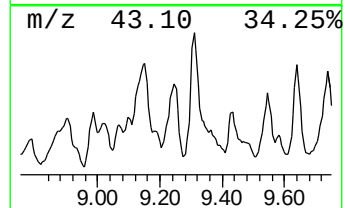
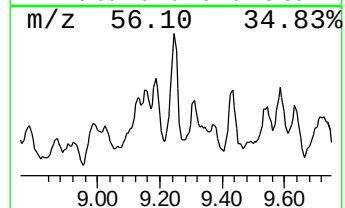
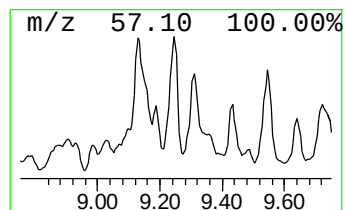
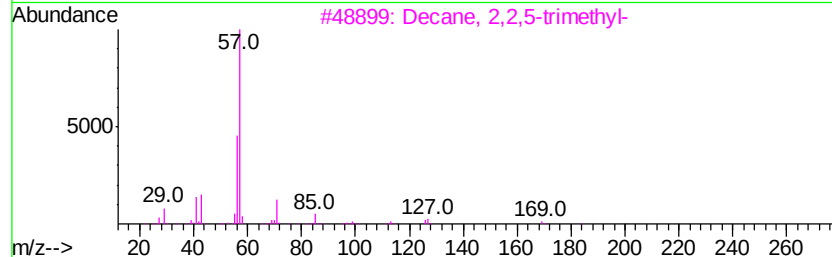
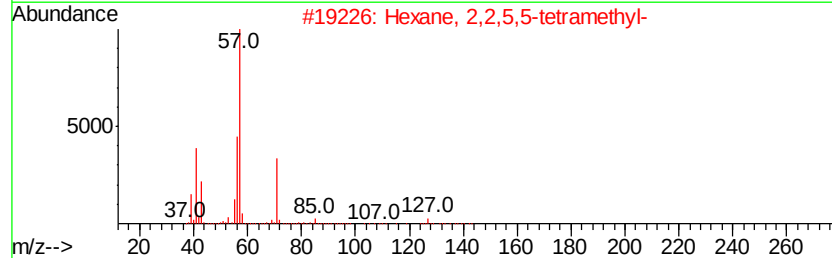
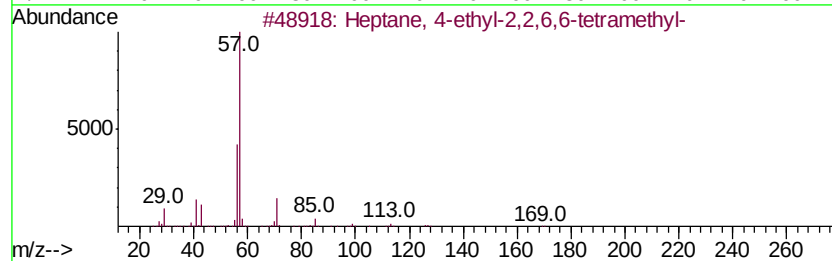
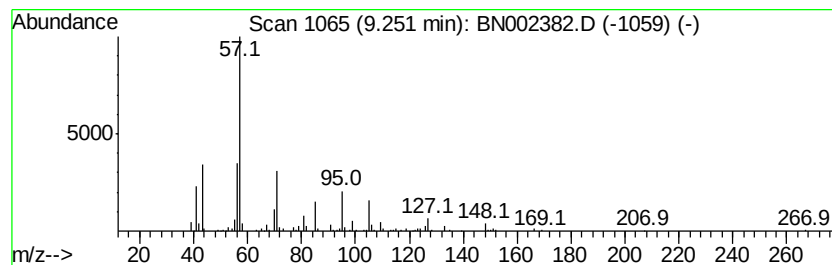
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.46 ng/ul	536655	Napthalene-d8	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184 C13H28	062108-31-0	50
2	Hexane, 2,2,5,5-tetramethyl-	142 C10H22	001071-81-4	47
3	Decane, 2,2,5-trimethyl-	184 C13H28	062237-96-1	43
4	Decane, 2,2,9-trimethyl-	184 C13H28	062238-00-0	43
5	Hexane, 2,2,5,5-tetramethyl-	142 C10H22	001071-81-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
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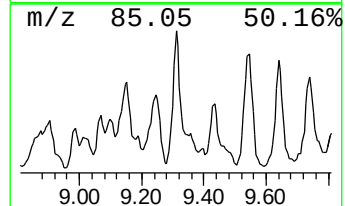
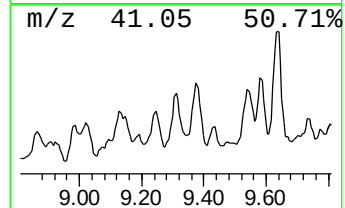
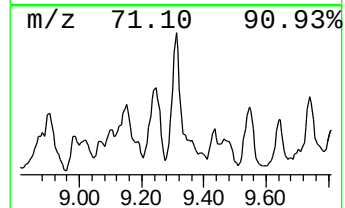
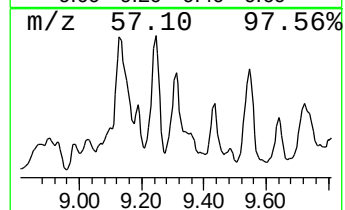
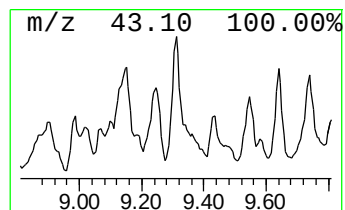
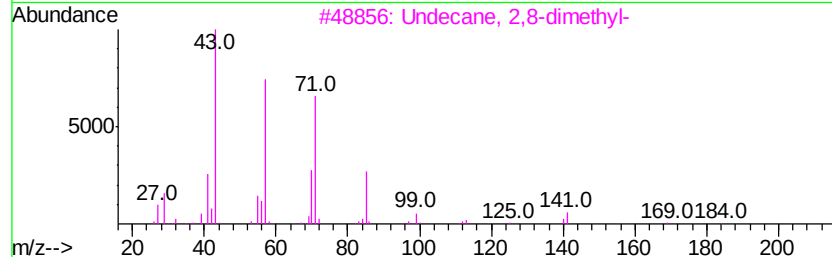
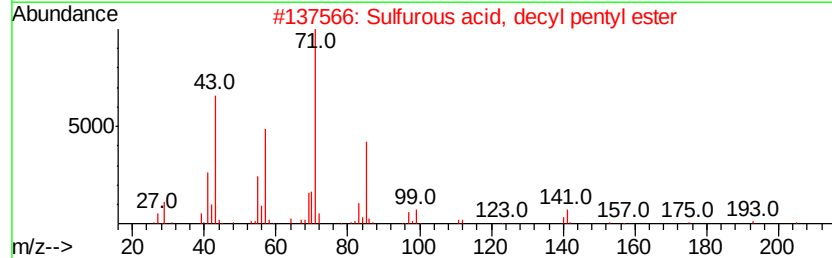
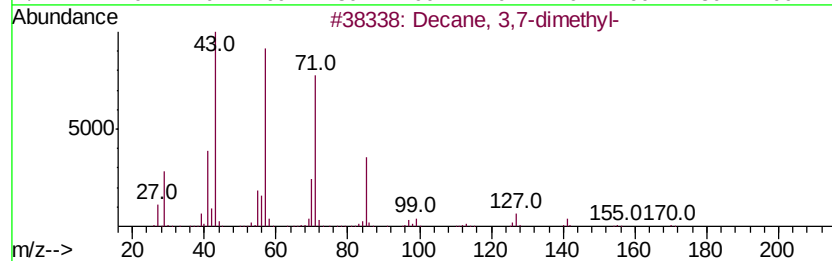
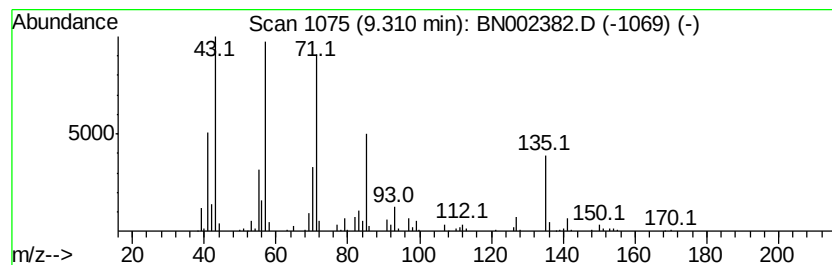
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	4.28 ng/ul	933123	Napthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	95
2		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	52
3		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	50
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50
5		Octadecane	254	C18H38	000593-45-3	50



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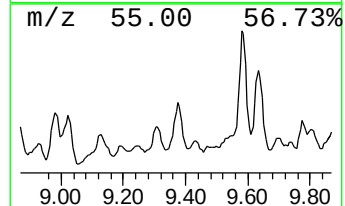
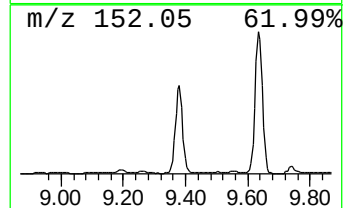
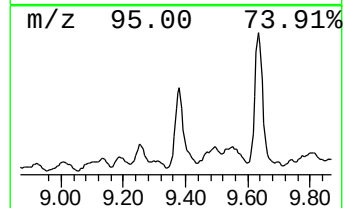
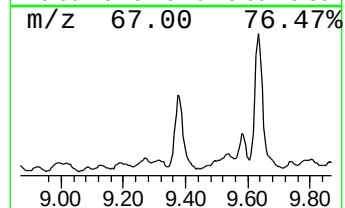
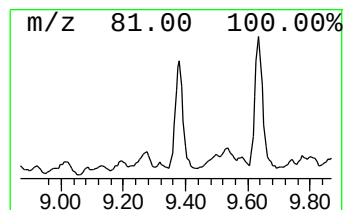
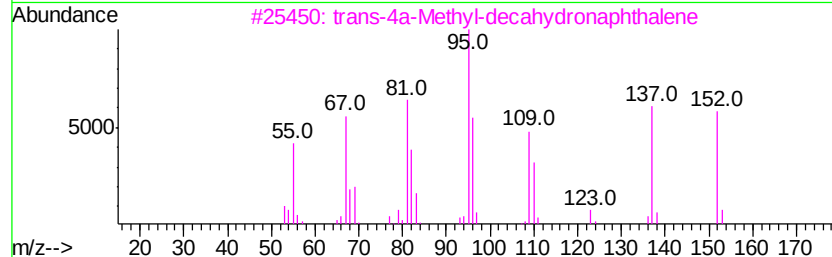
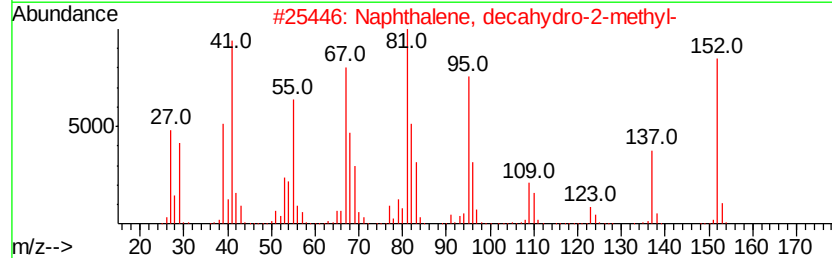
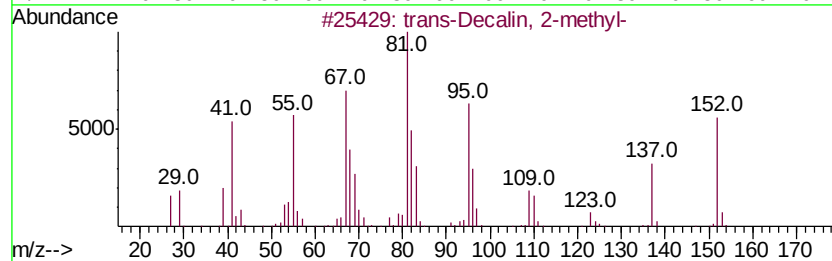
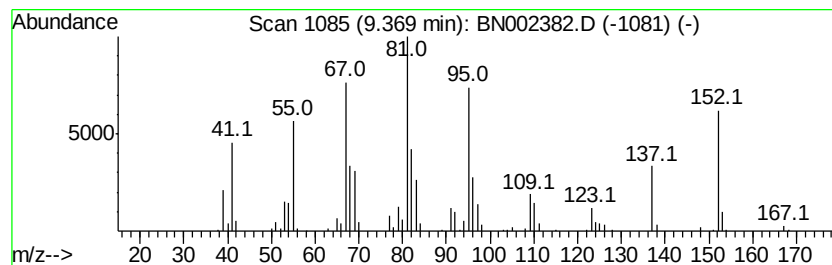
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	5.63 ng/ul	1226630	Naphthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	98
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
4		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	83
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	81



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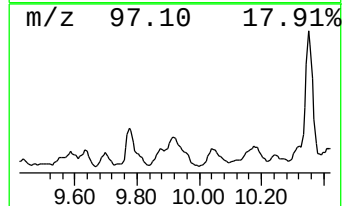
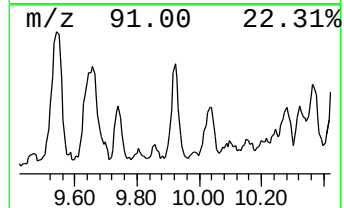
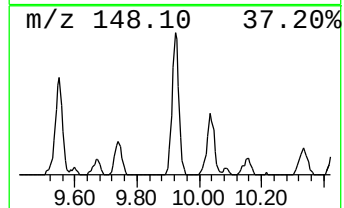
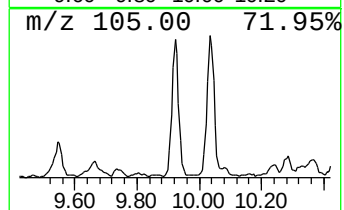
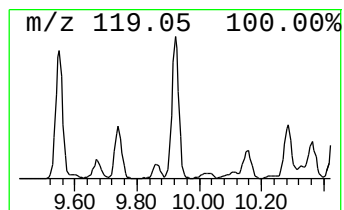
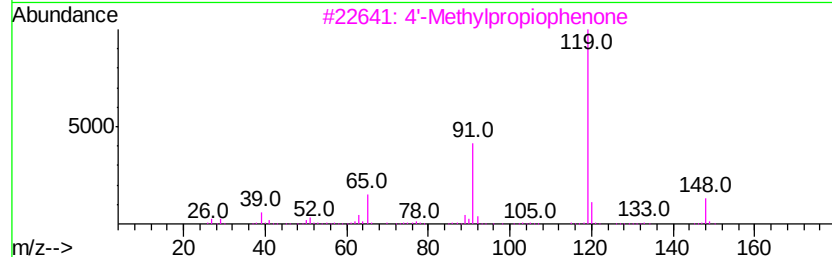
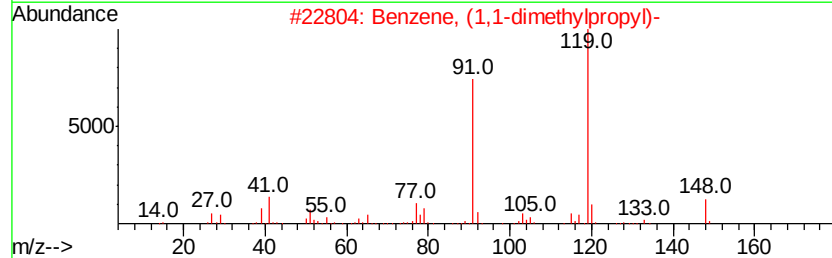
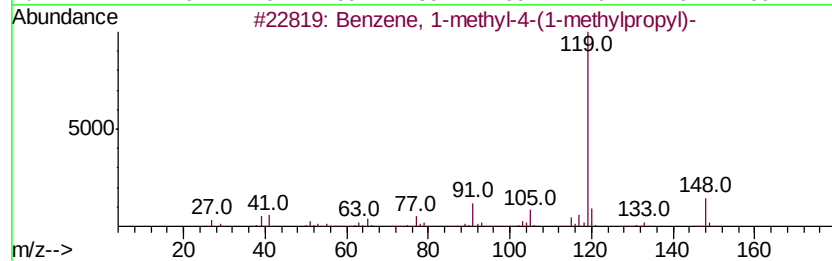
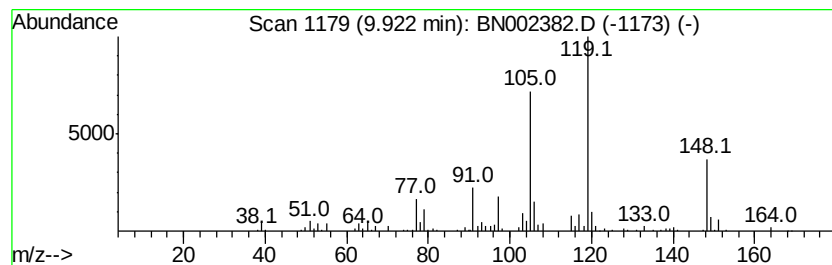
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.54 ng/ul	553109	Napthalene-d8	10.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
3			4'-Methylpropiophenone	148	C10H12O	005337-93-9	49
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
5			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
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ClientSampleId :
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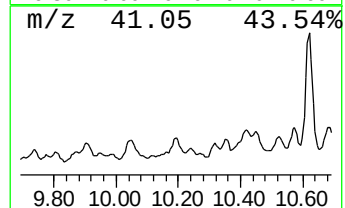
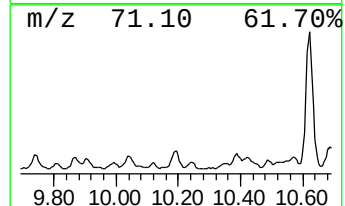
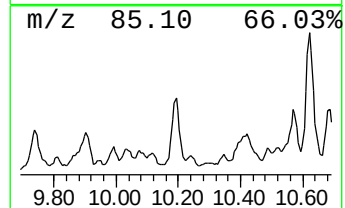
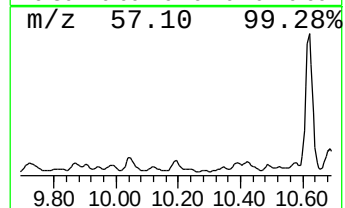
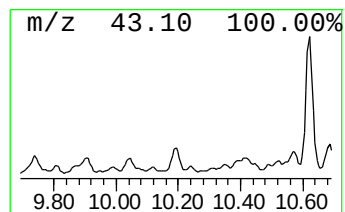
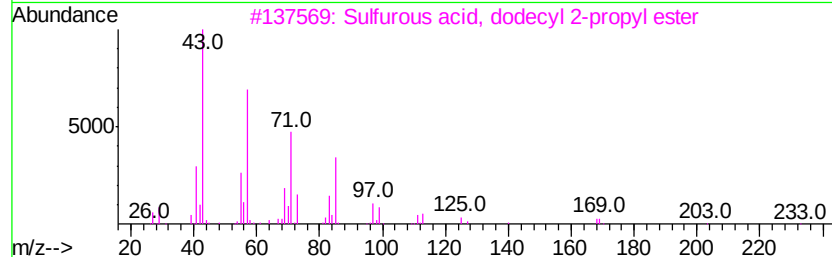
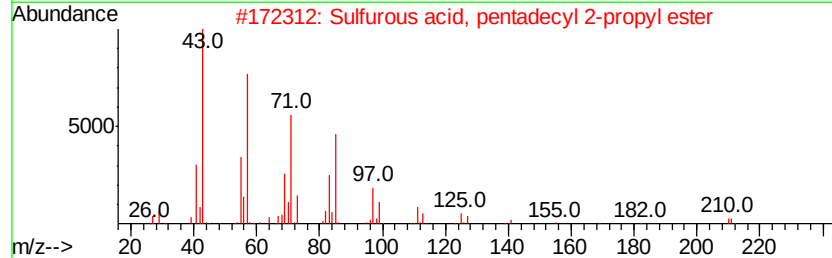
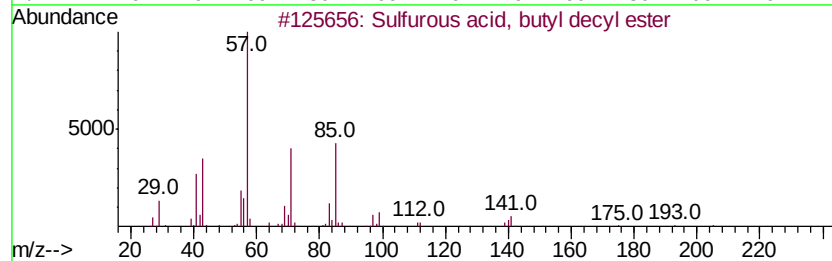
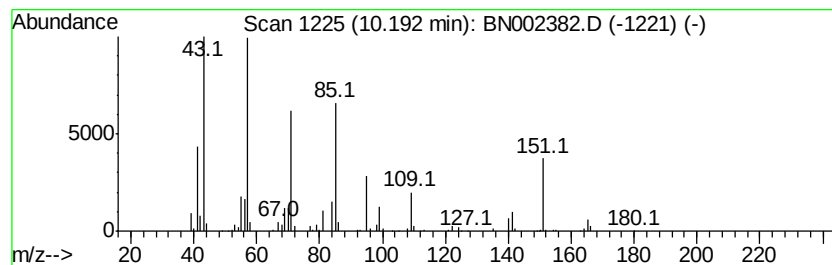
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Sulfurous acid, butyl decyl... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	2.42 ng/ul	526751	Napthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	50
2		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	47
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	43
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

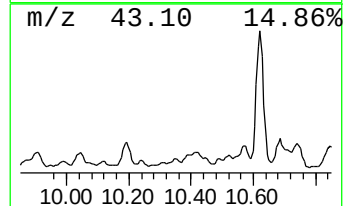
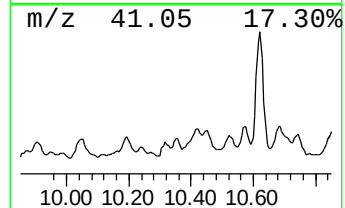
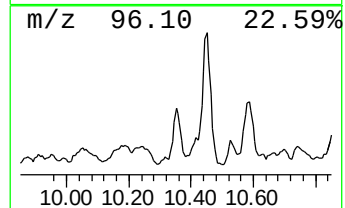
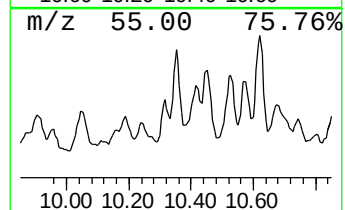
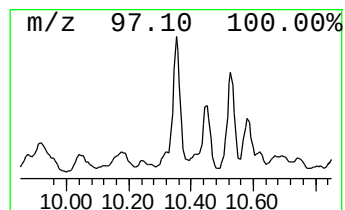
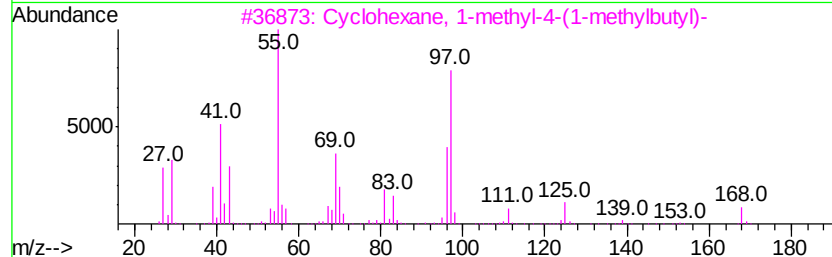
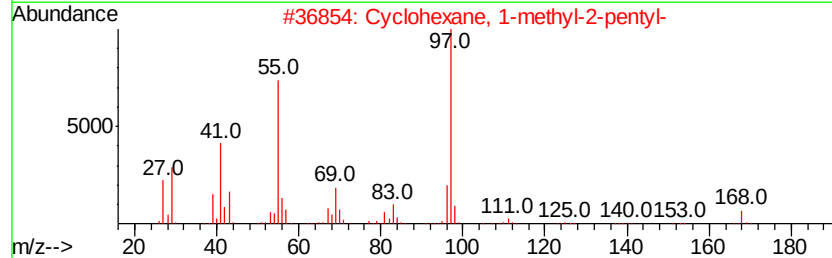
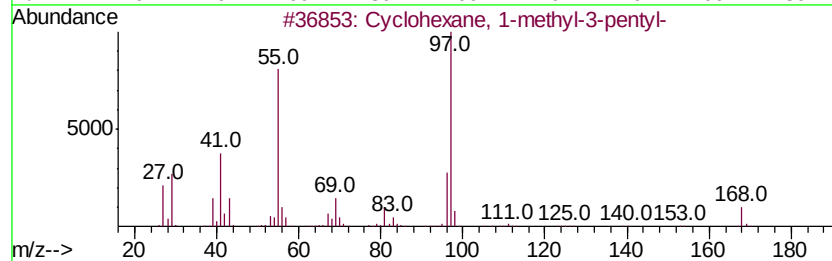
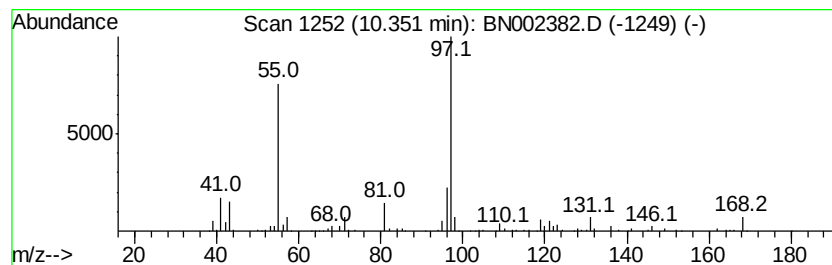
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic10.35 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	4.34 ng/ul	946886	Napthalene-d8	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-methyl-3-pentyl-	168 C12H24	054411-02-8 80
2		Cyclohexane, 1-methyl-2-pentyl-	168 C12H24	054411-01-7 72
3		Cyclohexane, 1-methyl-4-(1-methyl...	168 C12H24	054411-00-6 64
4		Cyclopentane, 1,1'-ethylidenebis-	166 C12H22	004413-21-2 64
5		Sulfurous acid, cyclohexylmethyl...	234 C11H22O3S	1000309-21-3 59



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Sample : J4424-15
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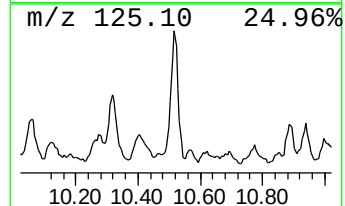
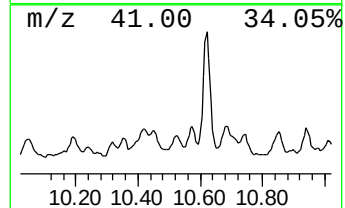
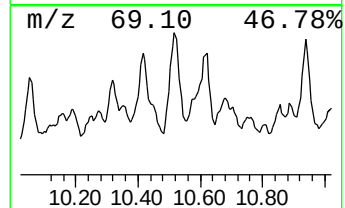
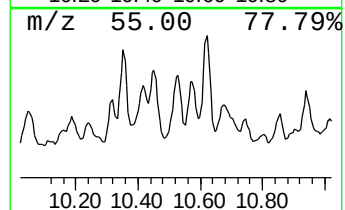
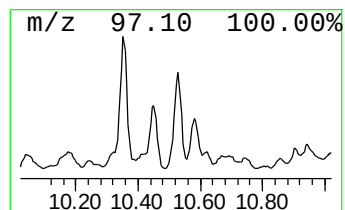
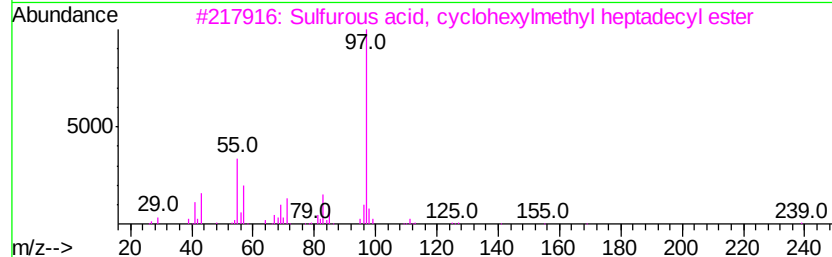
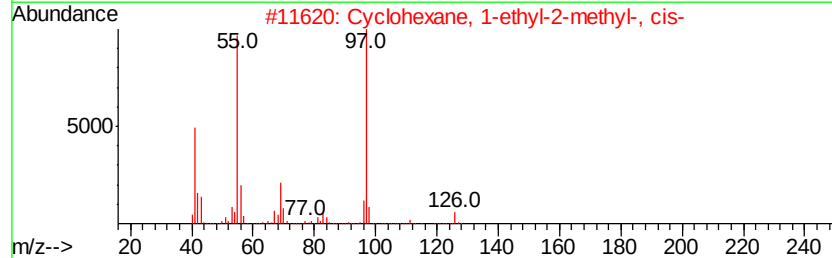
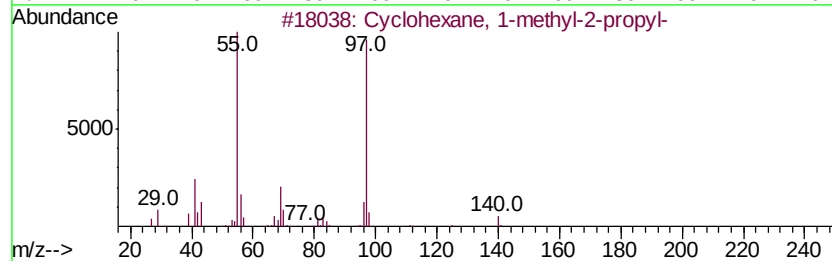
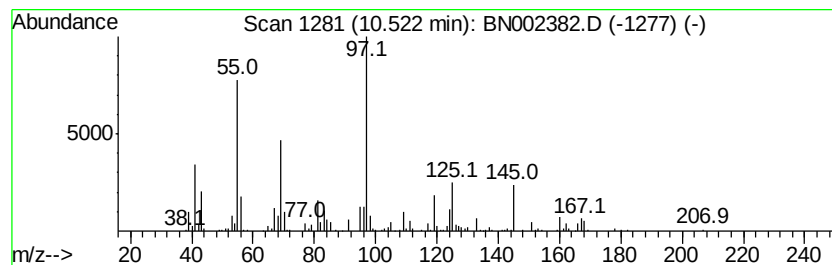
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic10.52 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.21 ng/ul	918540	Napthalene-d8	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-methyl-2-propyl-	140 C10H20	004291-79-6 46
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126 C9H18	004923-77-7 46
3		Sulfurous acid, cyclohexylmethyl...	416 C24H48O3S	1000309-22-5 43
4		Heptane, 1,7-dibromo-	256 C7H14Br2	004549-31-9 43
5		Cyclohexane, 1-bromo-2-methyl-	176 C7H13Br	006294-39-9 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
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Acq On : 17 Aug 2018 17:14
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Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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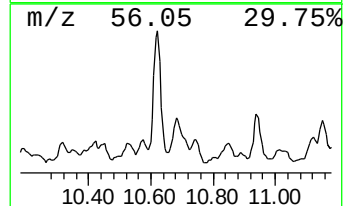
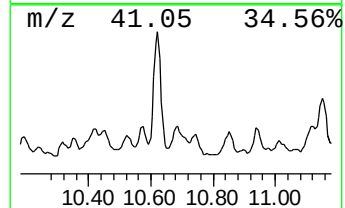
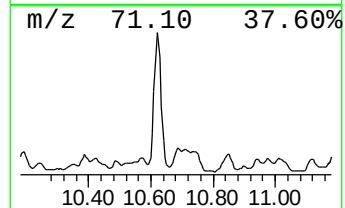
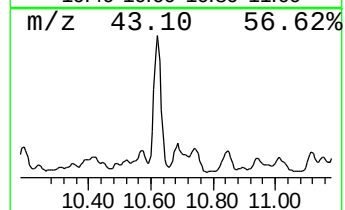
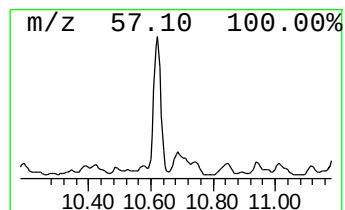
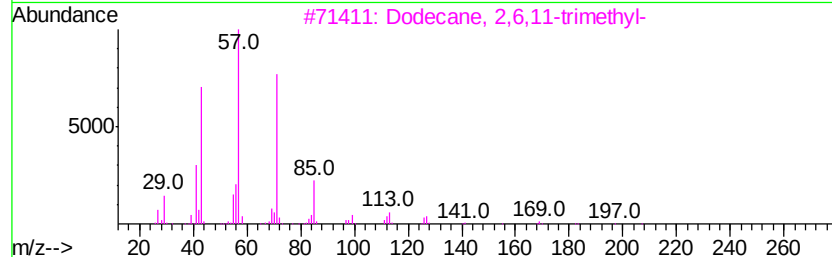
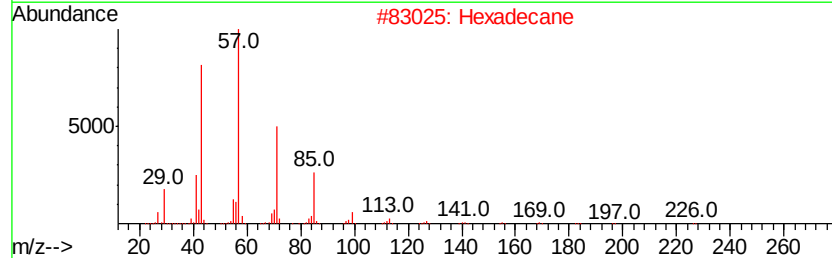
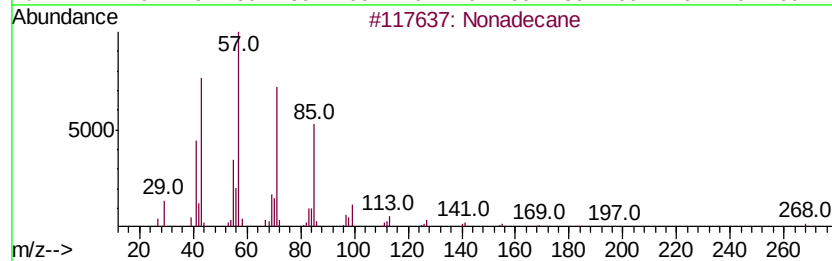
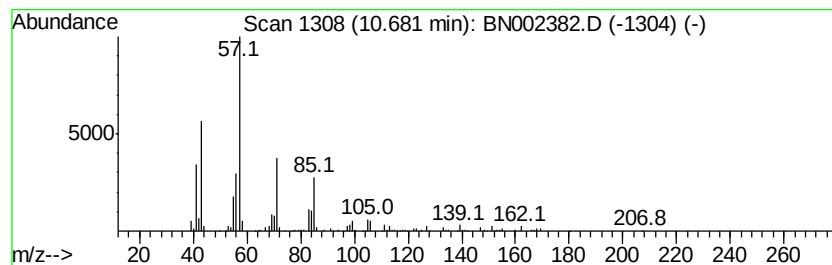
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	6.27 ng/ul	1366270	Napthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	50
2		Hexadecane	226	C16H34	000544-76-3	47
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
4		Decane, 3-methyl-	156	C11H24	013151-34-3	47
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
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Sample : J4424-15
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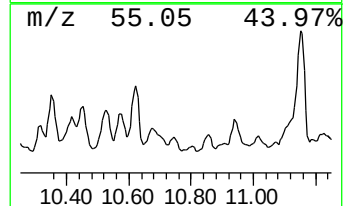
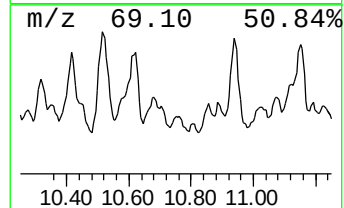
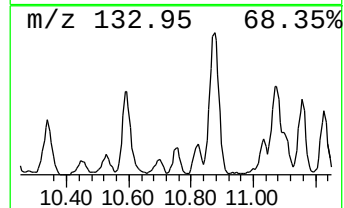
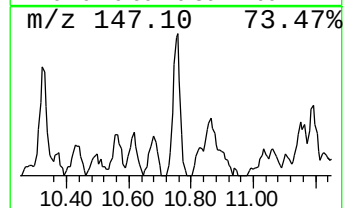
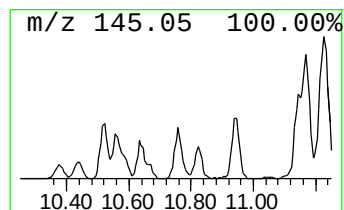
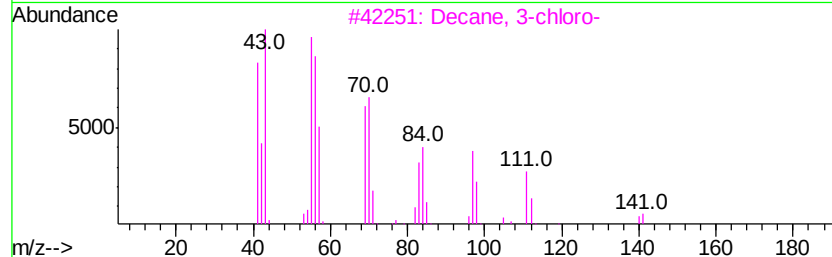
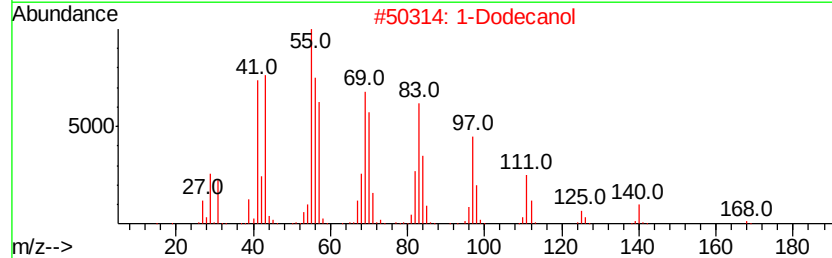
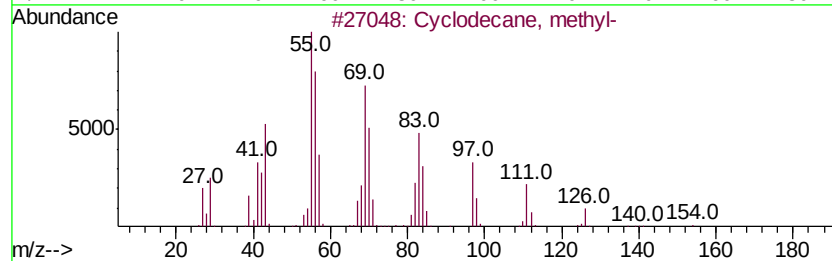
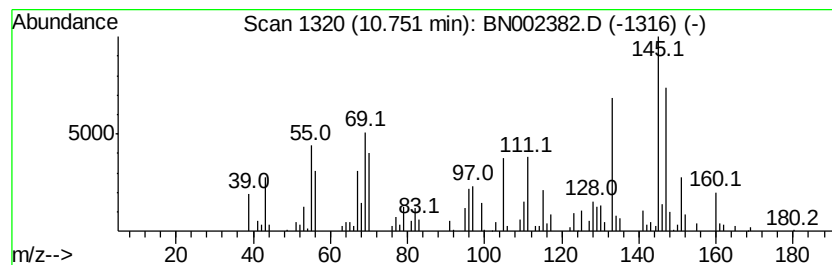
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic10.75 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.86 ng/ul	623909	Napthalene-d8	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclodecane, methyl-	154 C11H22	013151-43-4 35
2		1-Dodecanol	186 C12H26O	000112-53-8 18
3		Decane, 3-chloro-	176 C10H21Cl	001002-11-5 14
4		Dichloroacetic acid, tetradecyl ...	324 C16H30Cl2O2	083005-02-1 14
5		9-Octadecene, (E)-	252 C18H36	007206-25-9 14



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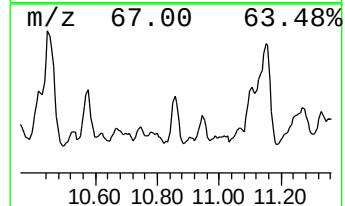
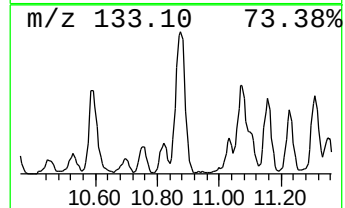
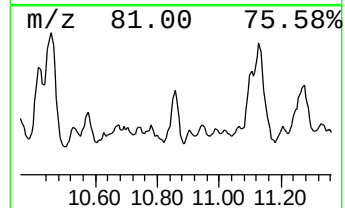
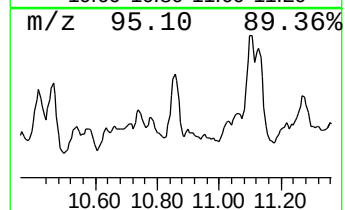
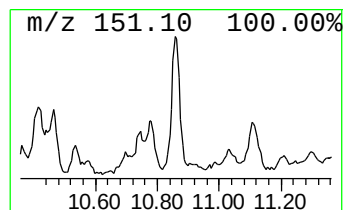
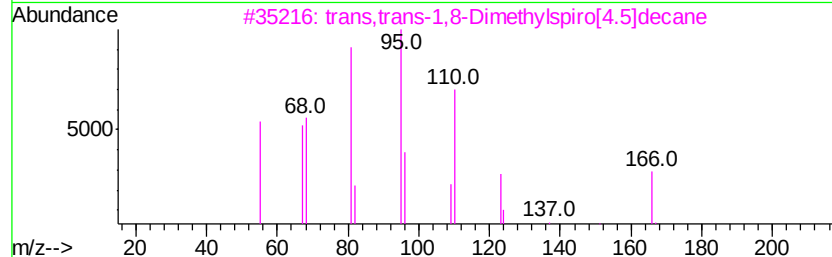
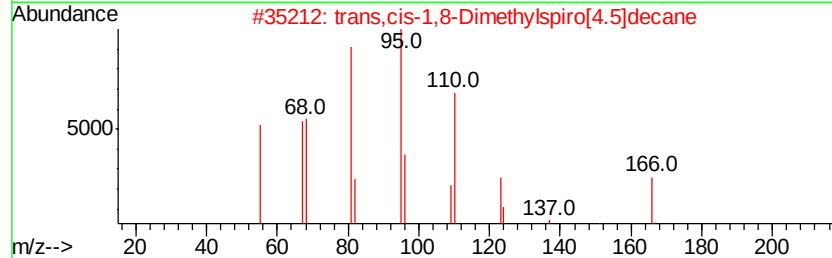
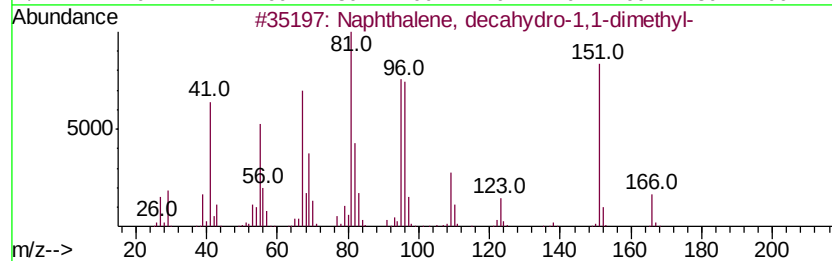
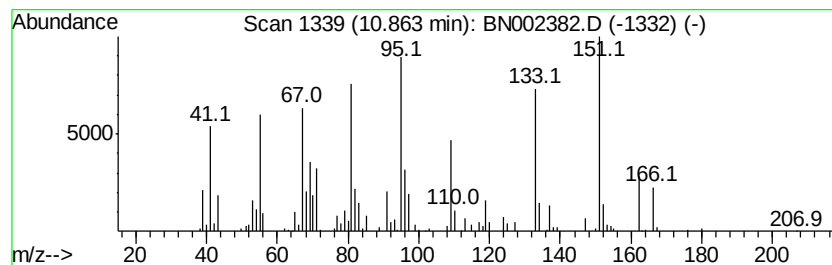
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, decahydro-1,1-... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.53 ng/ul	768919	Naphthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	78
2		trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	52
3		trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	52
4		Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	50
5		Spiro[5.6]dodecane	166	C12H22	000181-15-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
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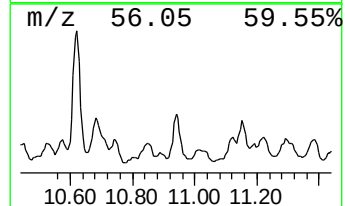
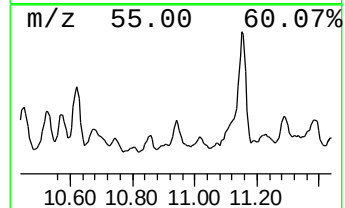
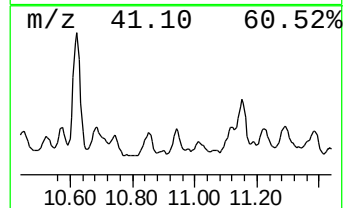
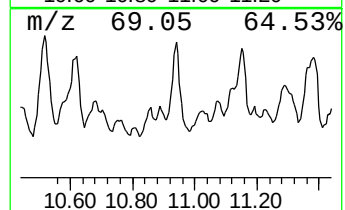
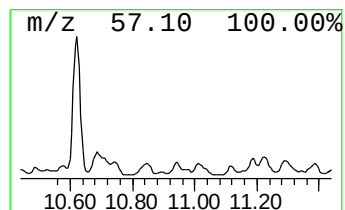
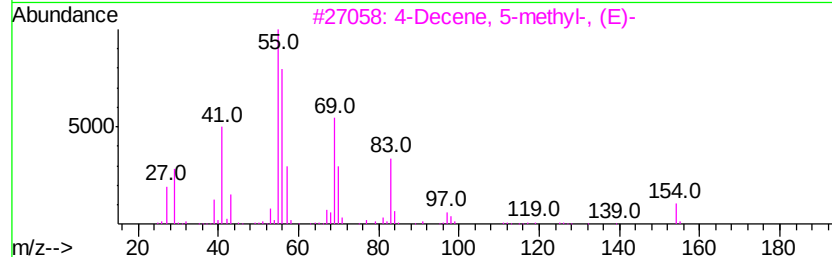
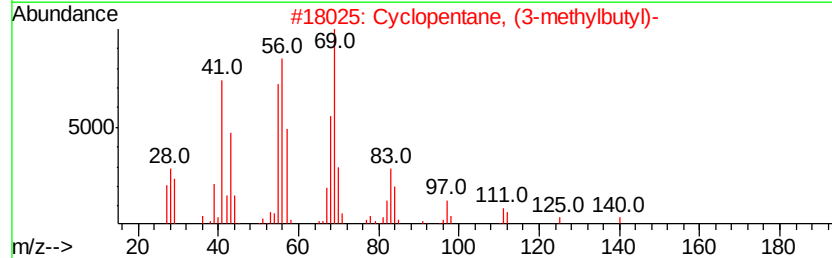
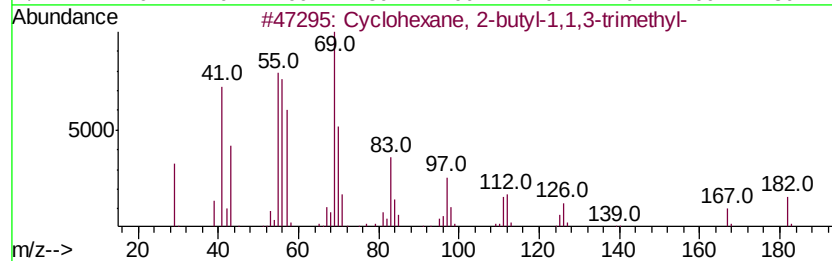
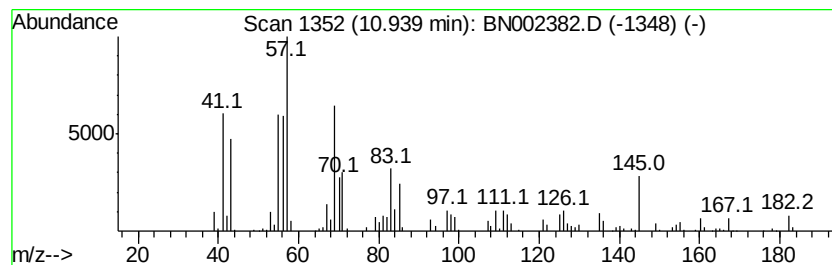
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic10.94 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.78 ng/ul	605621	Naphthalene-d8	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 2-butyl-1,1,3-trime...	182 C13H26	054676-39-0 49
2		Cyclopentane, (3-methylbutyl)-	140 C10H20	001005-68-1 46
3		4-Decene, 5-methyl-, (E)-	154 C11H22	062338-51-6 41
4		Cyclobutane, 1-butyl-2-ethyl-	140 C10H20	1000150-67-3 38
5		Cyclododecanone	182 C12H22O	000830-13-7 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
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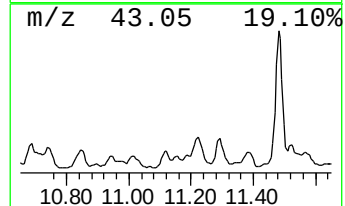
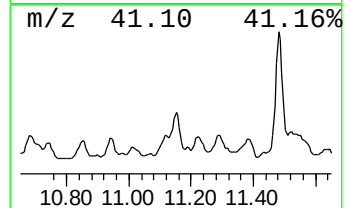
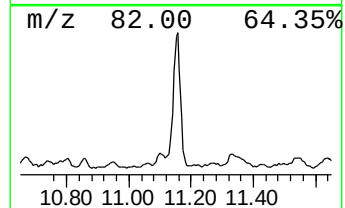
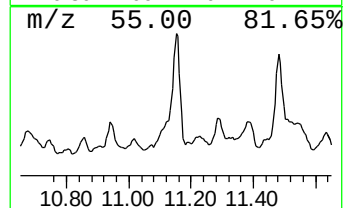
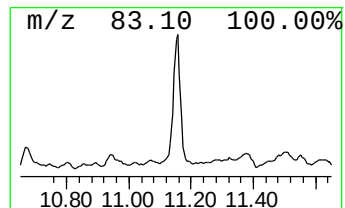
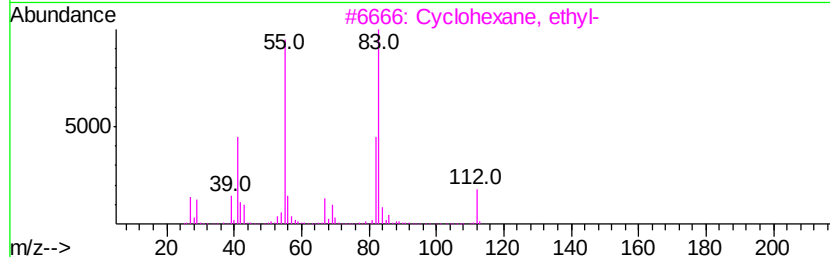
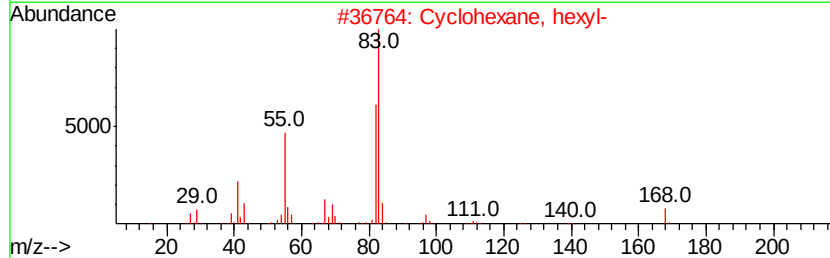
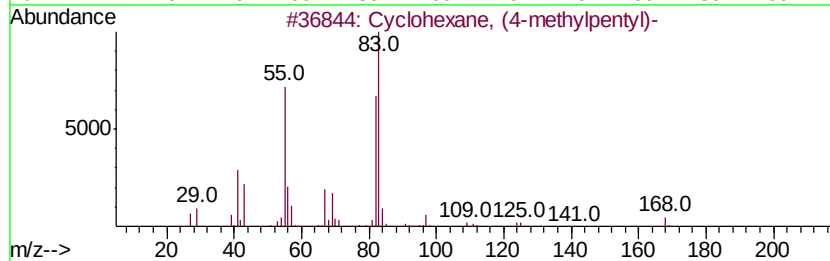
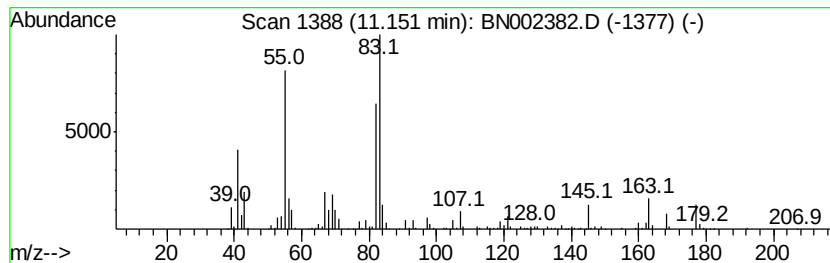
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic11.15 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	15.35 ng/ul	3344220	Napthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	76
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	74
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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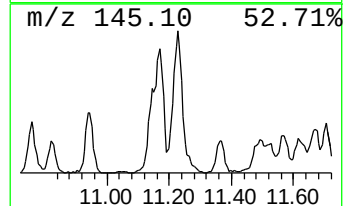
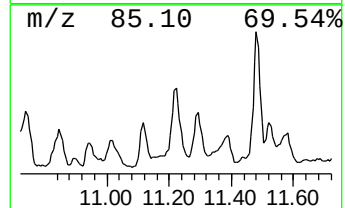
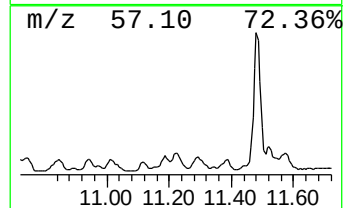
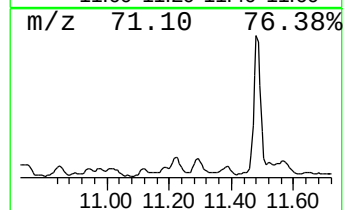
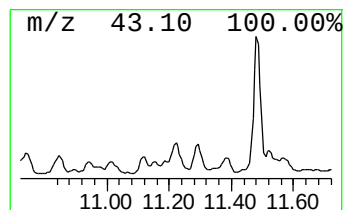
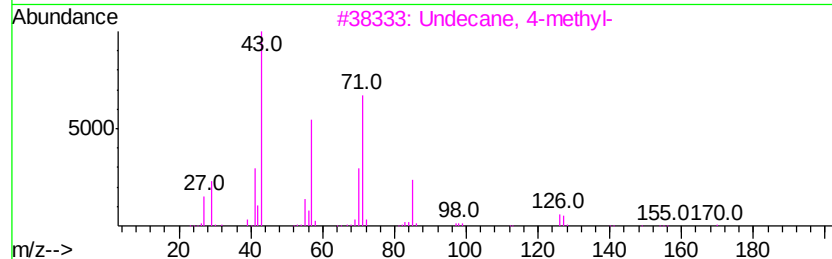
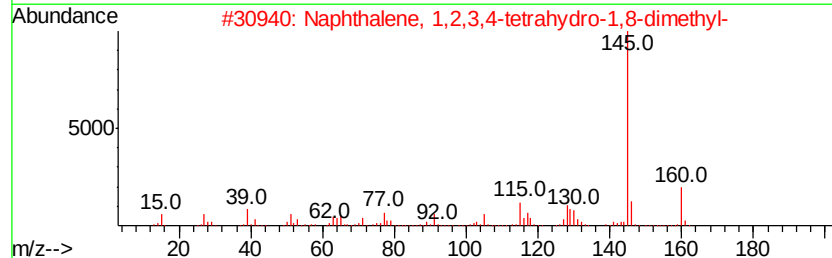
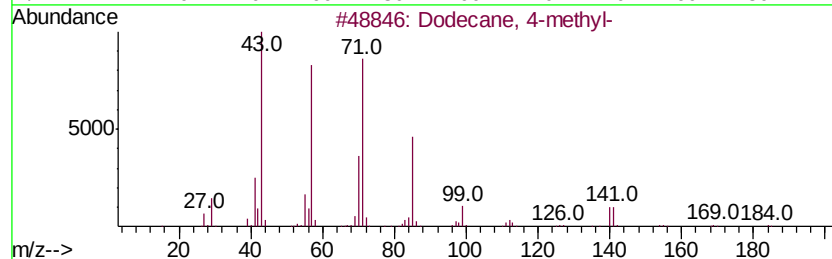
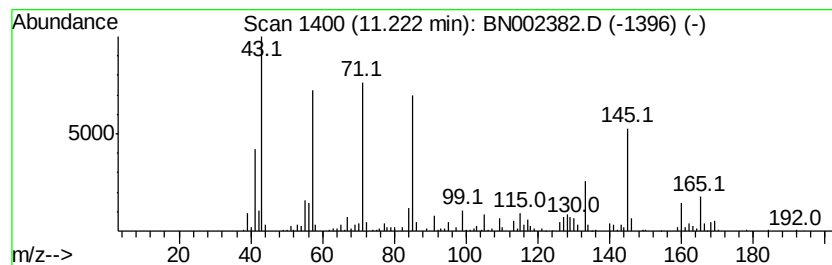
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	4.58 ng/ul	999113	Naphthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	44
3		Undecane, 4-methyl-	170	C12H26	002980-69-0	38
4		4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	30
5		3-Hexanone, 4-ethyl-	128	C8H16O	006137-12-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
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Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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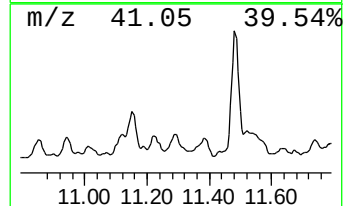
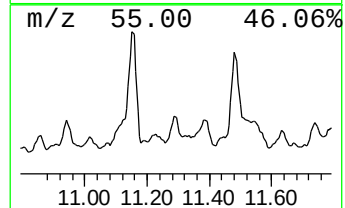
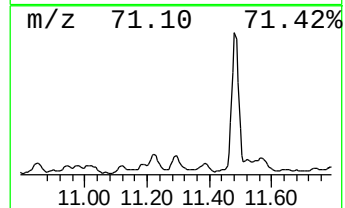
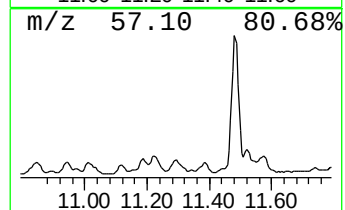
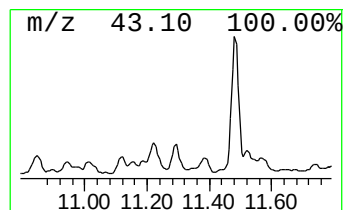
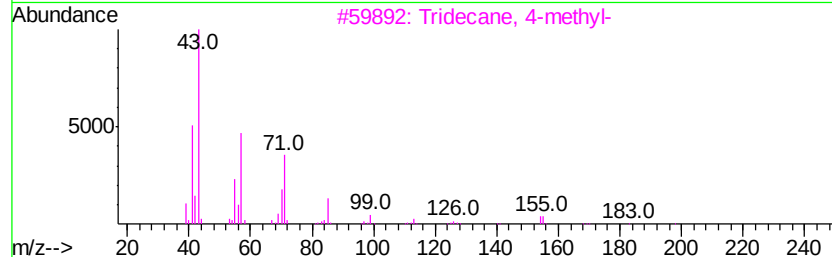
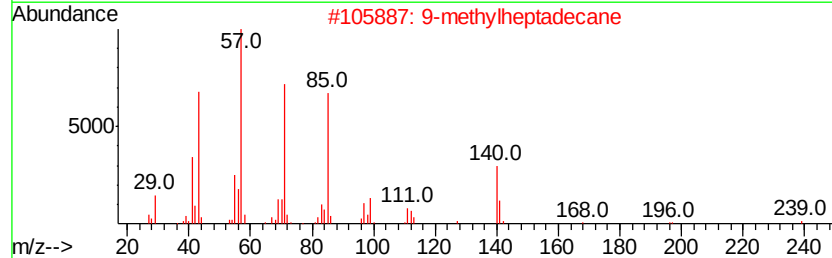
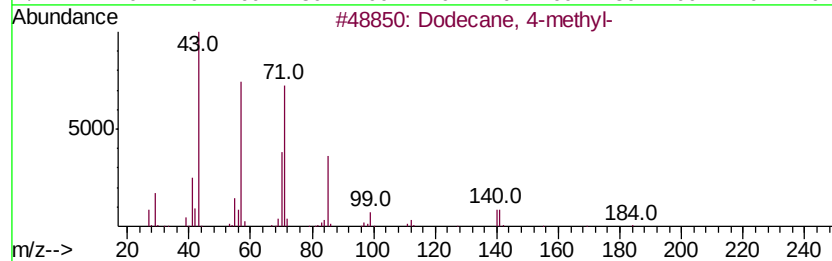
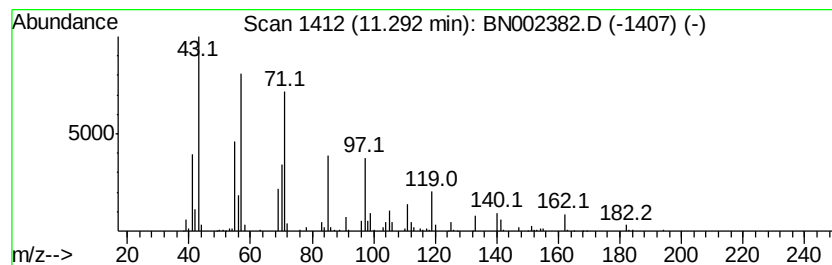
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	5.04 ng/ul	1097750	Napthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
2		9-methylheptadecane	254	C18H38	026741-18-4	50
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	49
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	47
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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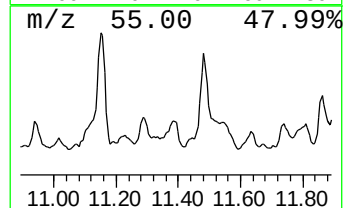
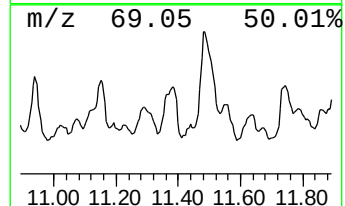
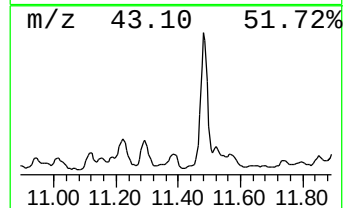
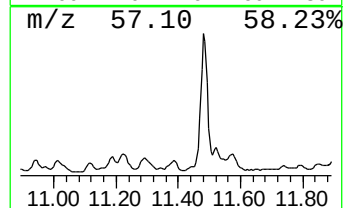
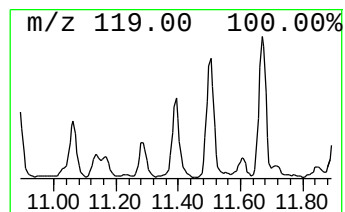
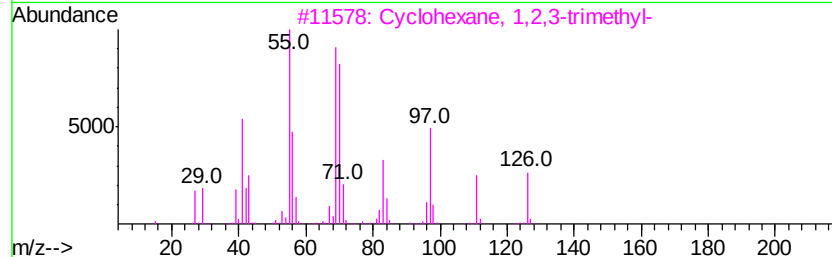
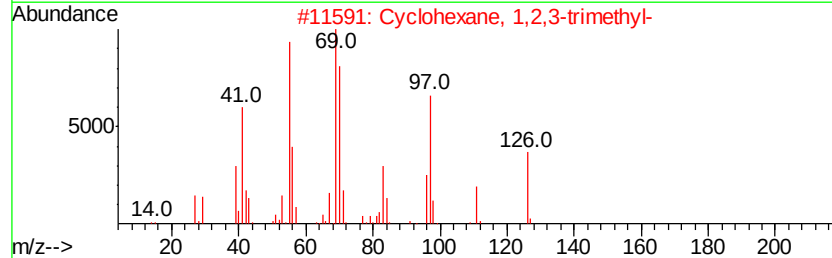
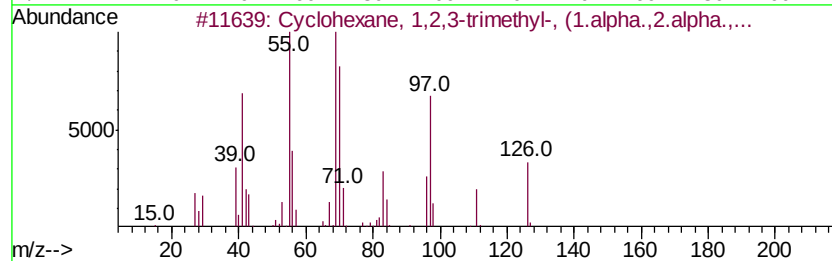
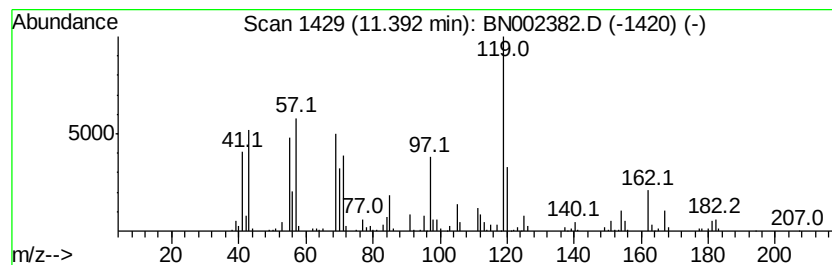
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic11.39 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	5.71 ng/ul	1244650	Napthalene-d8	10.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	46
2			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	41
3			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	38
4			2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	35
5			Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
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Misc :
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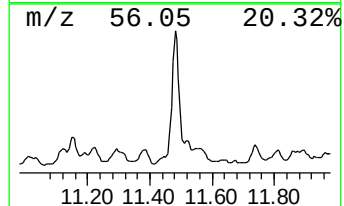
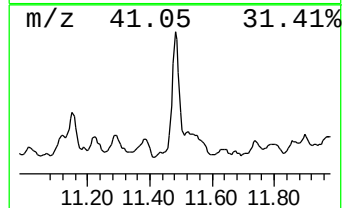
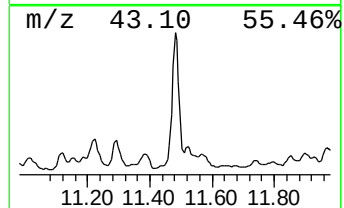
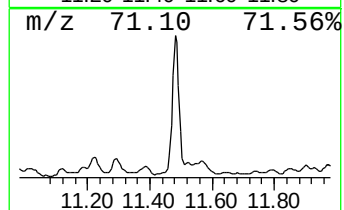
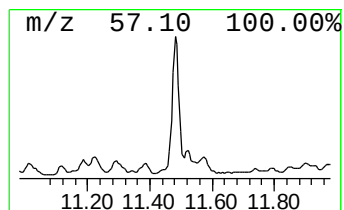
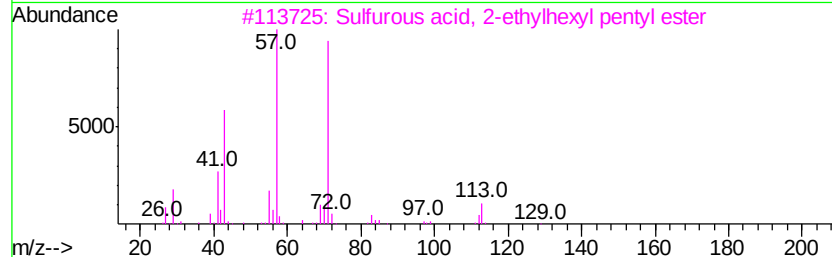
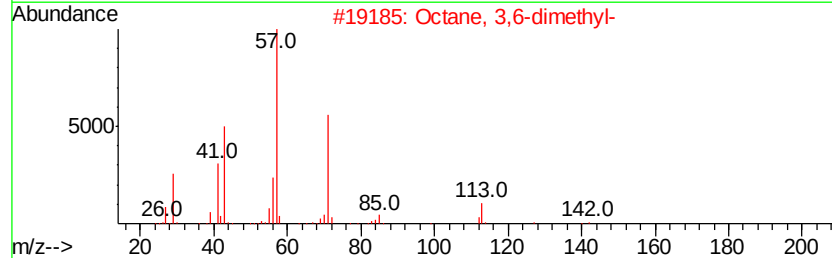
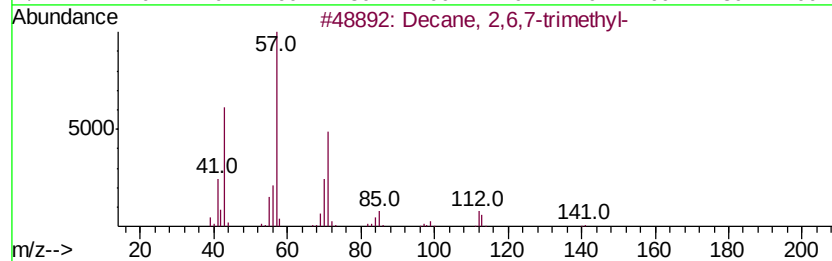
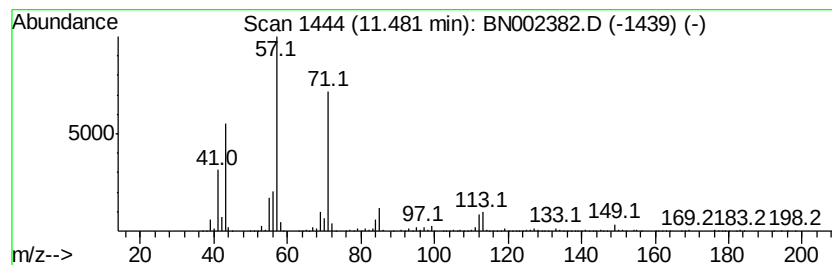
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	23.84 ng/ul	5194490	Napthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
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Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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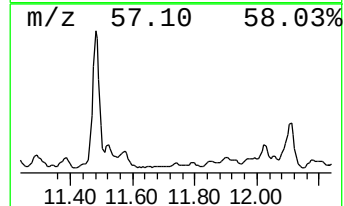
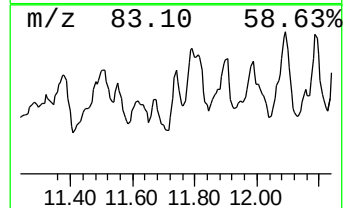
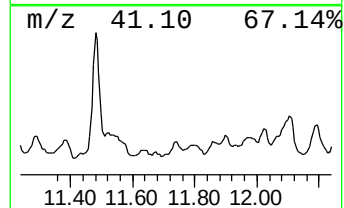
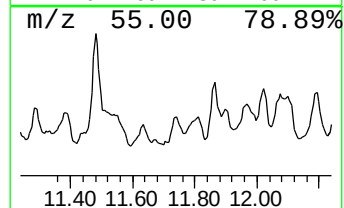
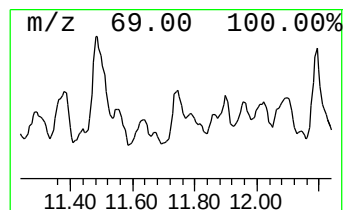
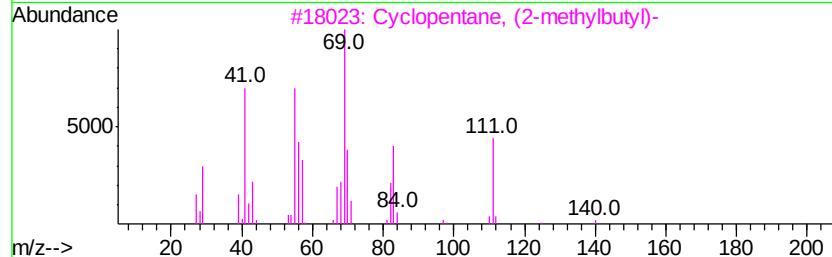
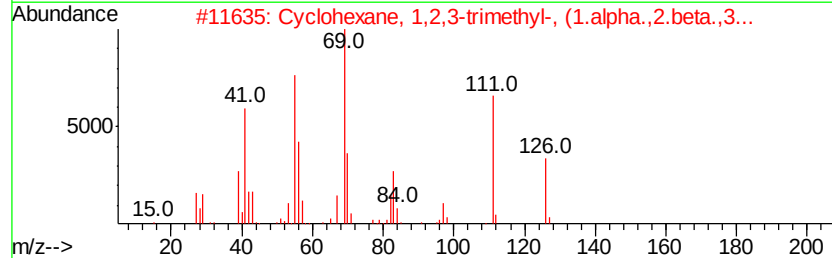
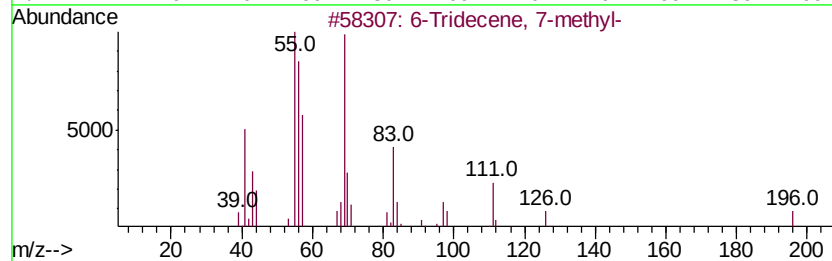
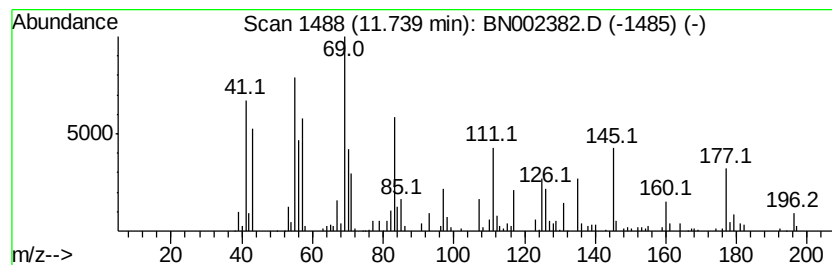
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic11.74 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.28 ng/ul	496845	Napthalene-d8	10.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	55
2			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	45
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	42
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	41
5			2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
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Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

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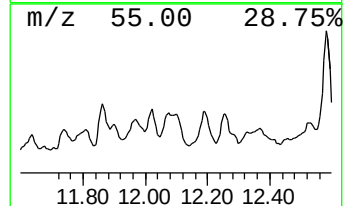
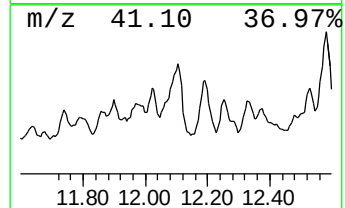
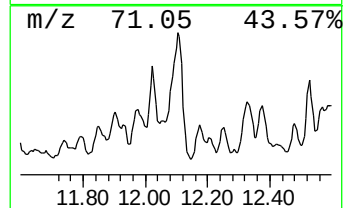
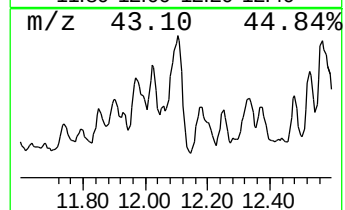
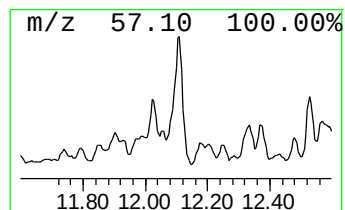
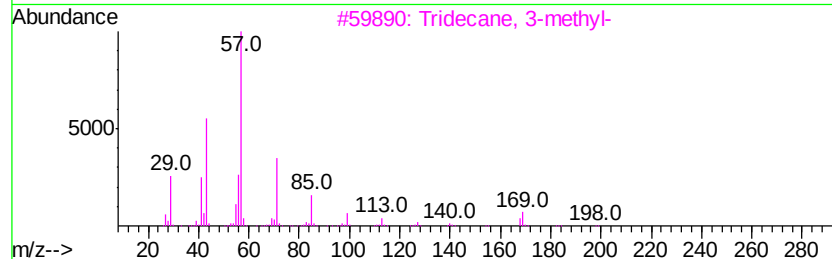
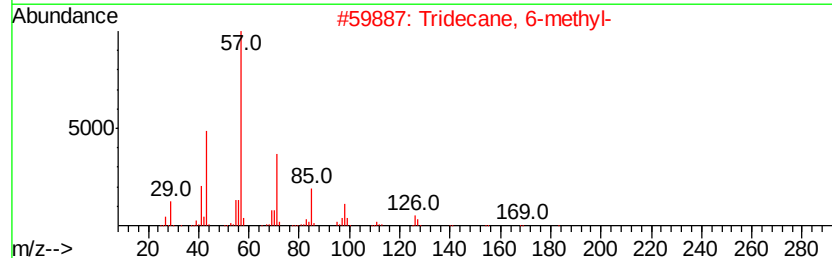
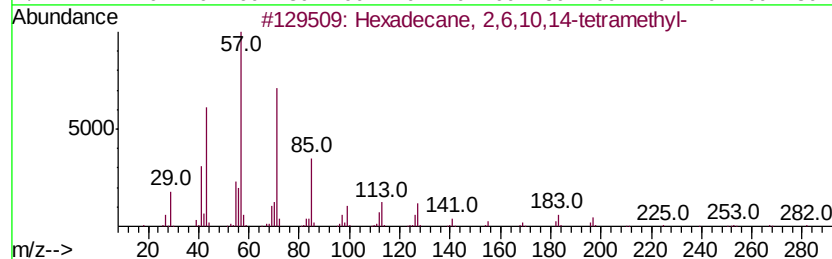
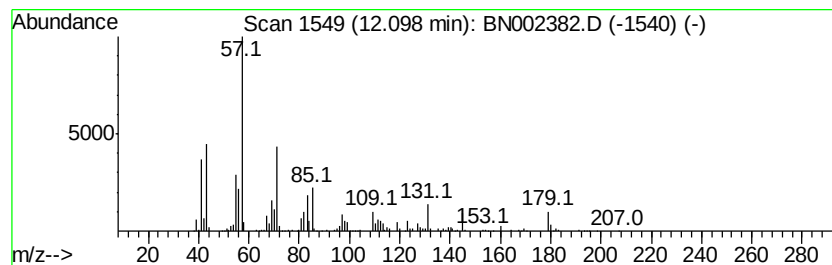
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	15.53 ng/ul	3384330	Napthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	52
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
4		Tetratetracontane	619	C44H90	007098-22-8	50
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	50



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Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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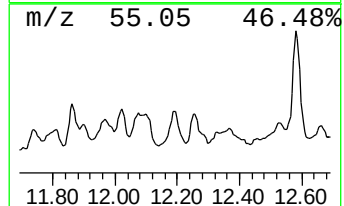
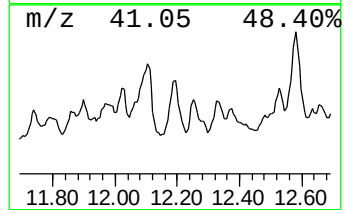
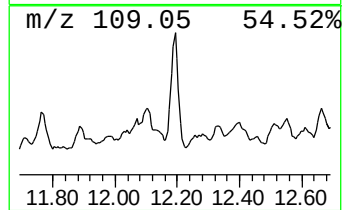
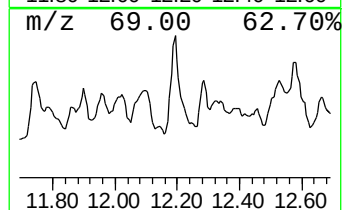
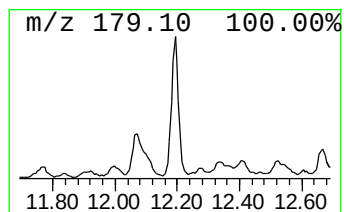
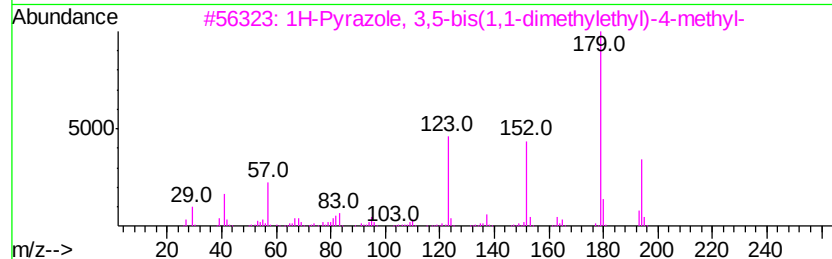
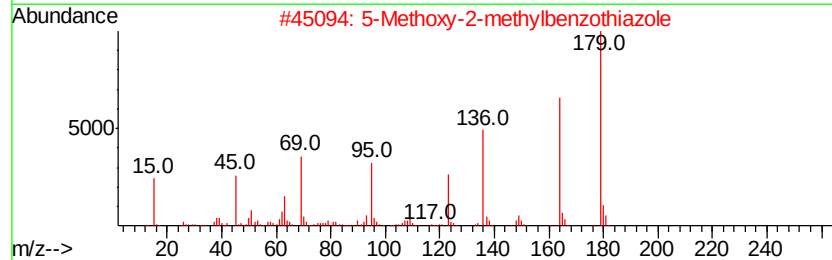
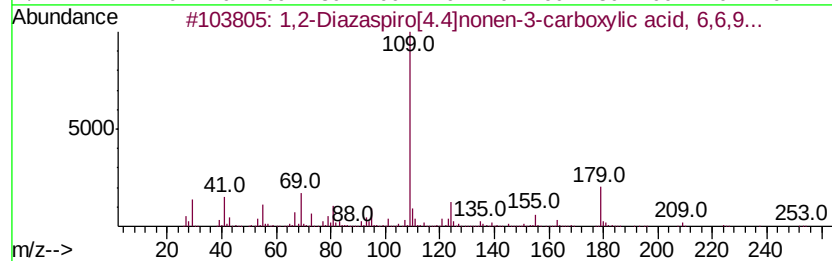
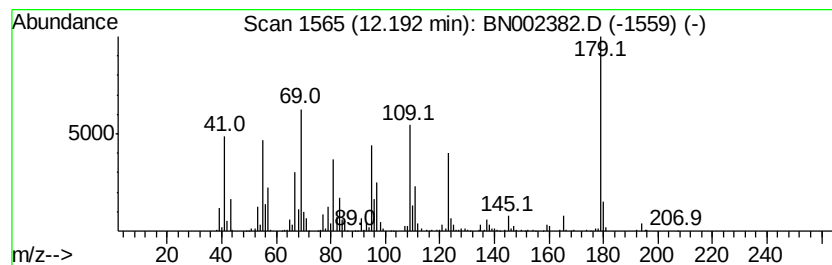
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	8.71 ng/ul	1897660	Napthalene-d8	10.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Diazaspiro[4.4]nonen-3-carbo...	252	C14H24N2O2	1000164-25-9	43
2			5-Methoxy-2-methylbenzothiazole	179	C9H9NOS	1000342-71-0	43
3			1H-Pyrazole, 3,5-bis(1,1-dimethv...	194	C12H22N2	018712-47-5	38
4			Silane, trimethyl(1-phenylethoxy)-	194	C11H18OSi	014856-75-8	22
5			1,3-Pentadiene, 2,4-di-t-butyl-	180	C13H24	132850-21-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
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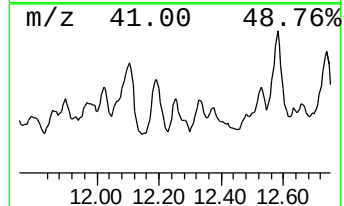
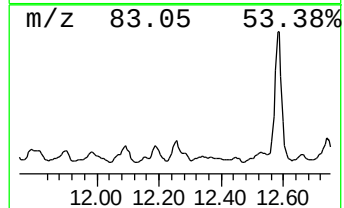
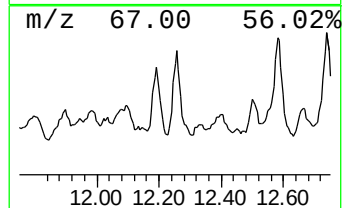
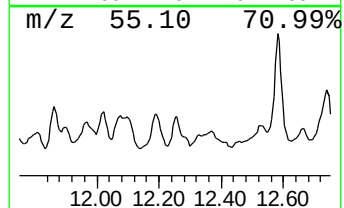
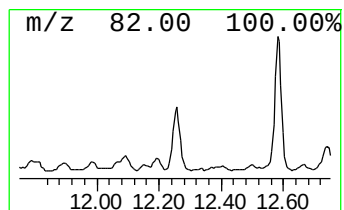
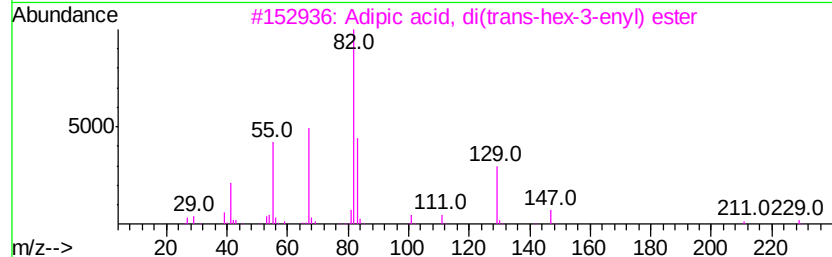
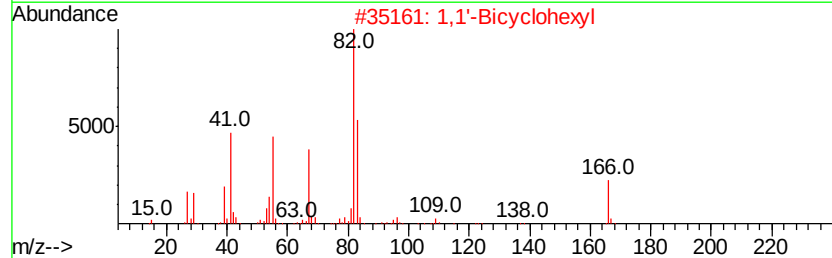
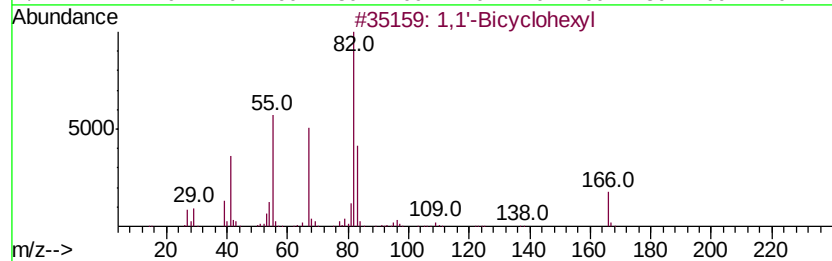
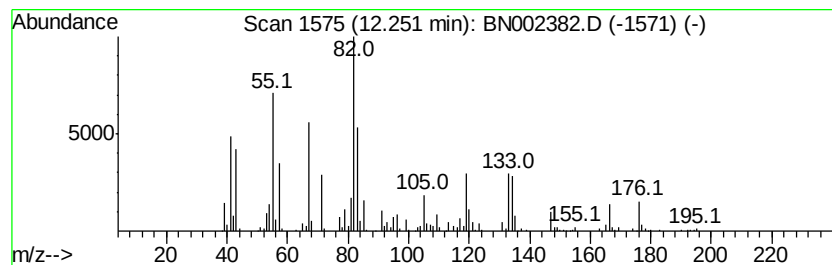
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 1,1'-Bicyclohexyl Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.73 ng/ul	813323	Napthalene-d8	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Bicyclohexyl	166 C12H22	000092-51-3	64
2	1,1'-Bicyclohexyl	166 C12H22	000092-51-3	52
3	Adipic acid, di(trans-hex-3-enyl...)	310 C18H30O4	1000354-02-3	50
4	1,1'-Bicyclohexyl	166 C12H22	000092-51-3	46
5	1,1'-Bicyclohexyl	166 C12H22	000092-51-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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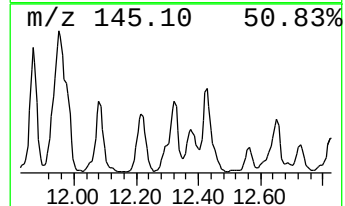
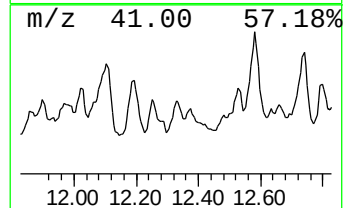
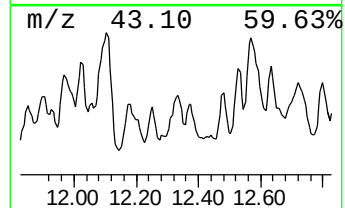
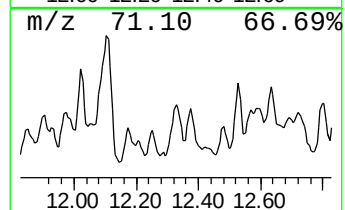
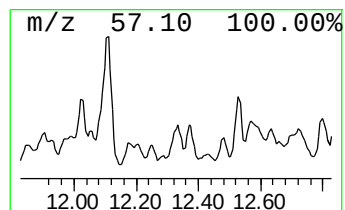
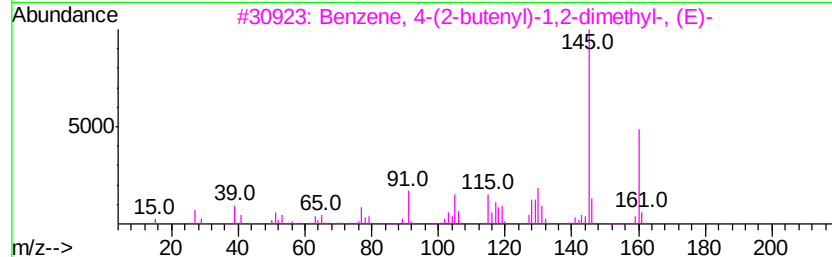
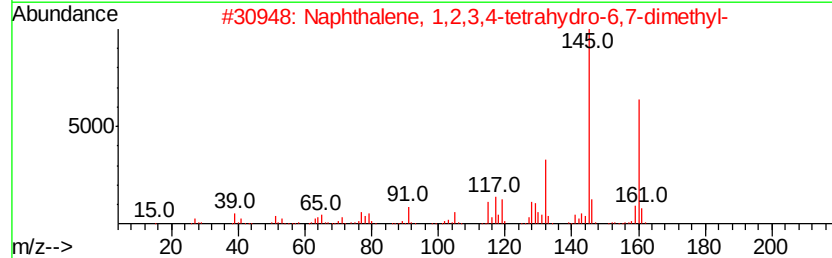
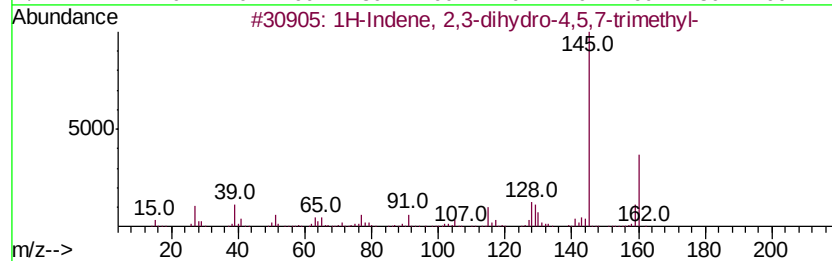
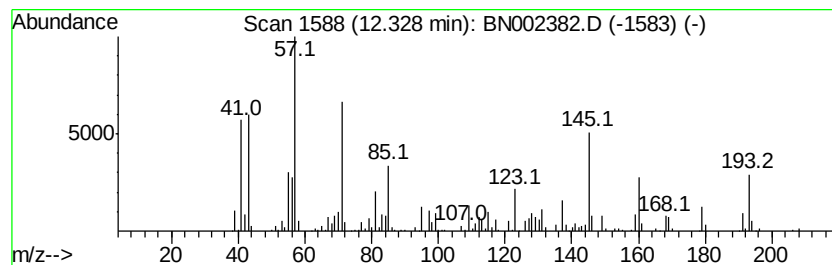
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.93 ng/ul	856534	Naphthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	60
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	35
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	35
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	20
5		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
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Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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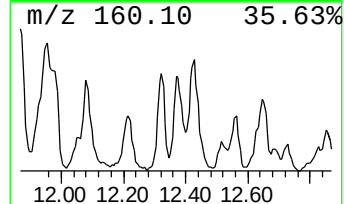
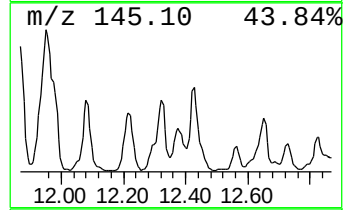
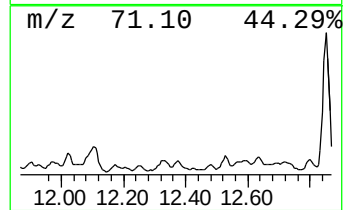
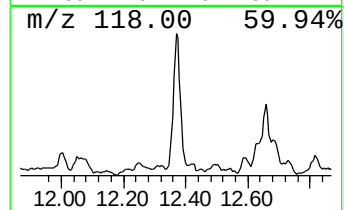
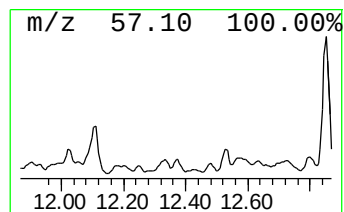
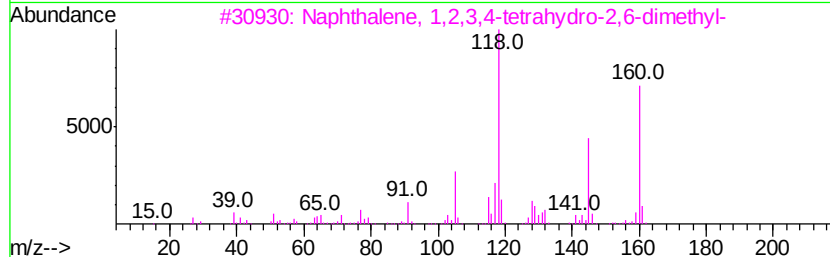
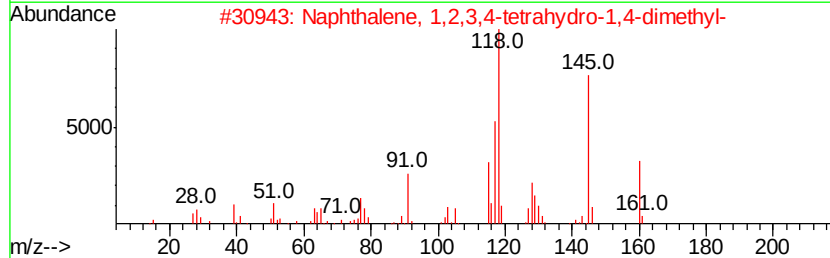
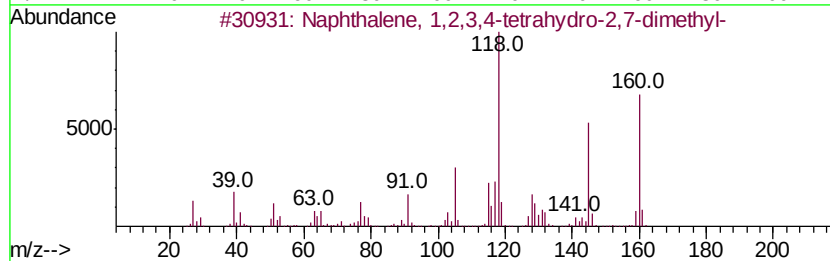
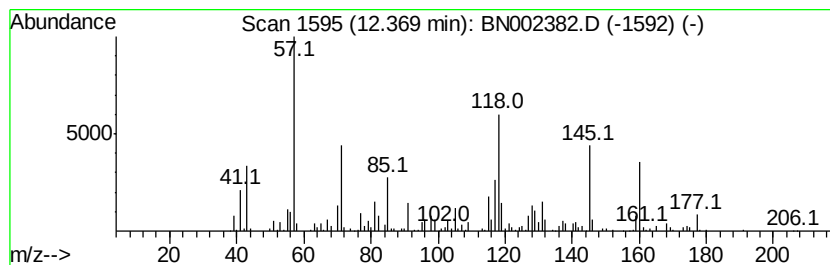
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.19 ng/ul	477954	Naphthalene-d8	10.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	78
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	35
4		Diboroxide, trimethylphenyl-	160	C9H14B2O	1000162-60-0	30
5		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
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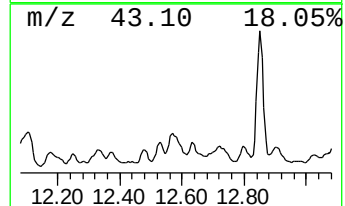
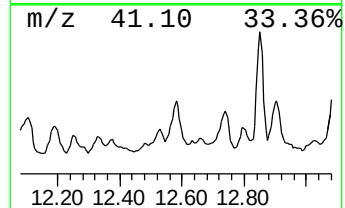
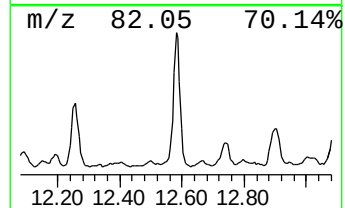
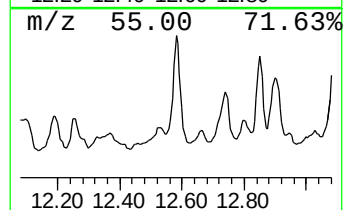
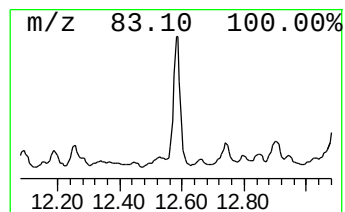
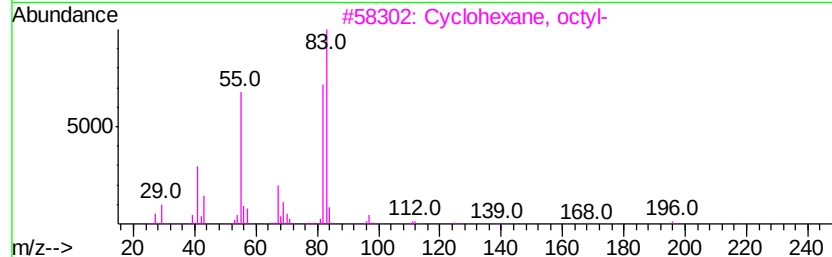
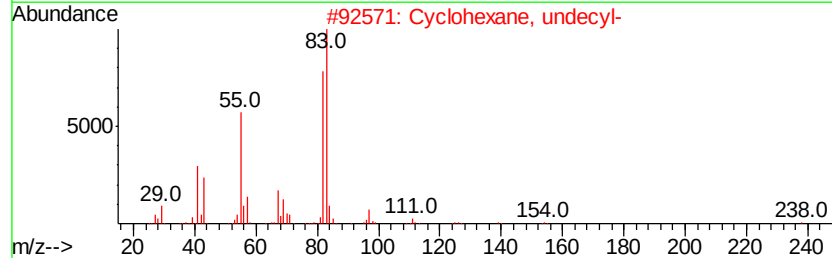
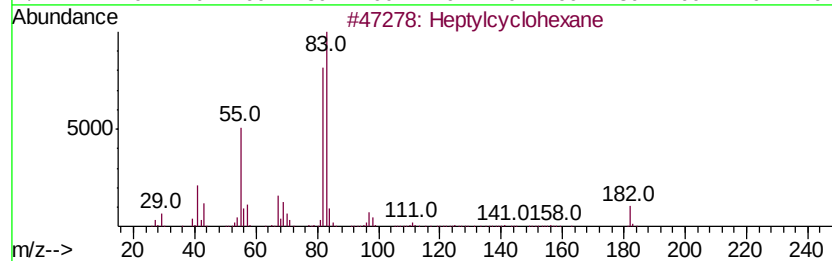
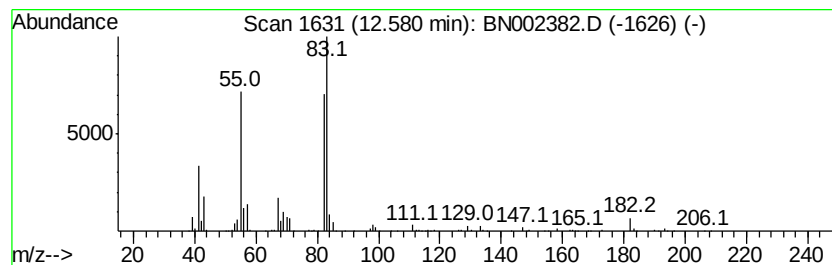
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Cyclic12.58 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	9.22 ng/ul	2015560	Acenaphthene-d10	14.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 91
2		Cyclohexane, undecyl-	238 C17H34	054105-66-7 90
3		Cyclohexane, octyl-	196 C14H28	001795-15-9 90
4		Cyclohexane, propyl-	126 C9H18	001678-92-8 78
5		3-Cyclohexyl-1-chloropropane	160 C9H17Cl	001124-62-5 78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
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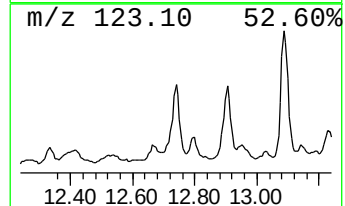
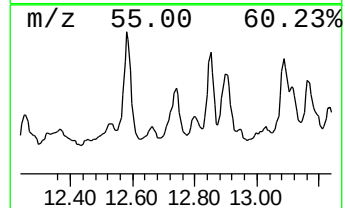
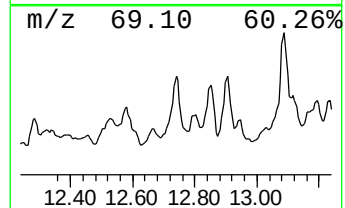
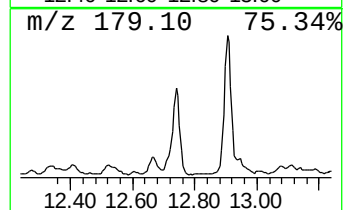
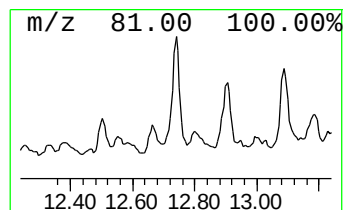
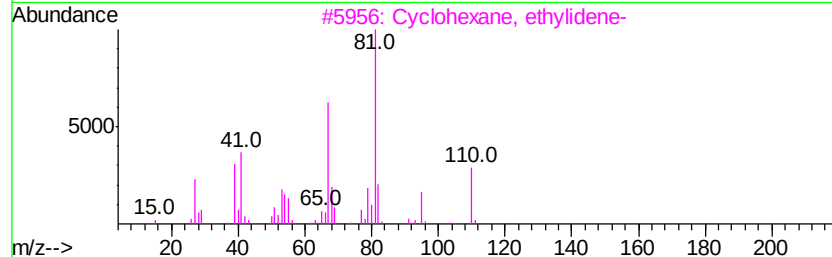
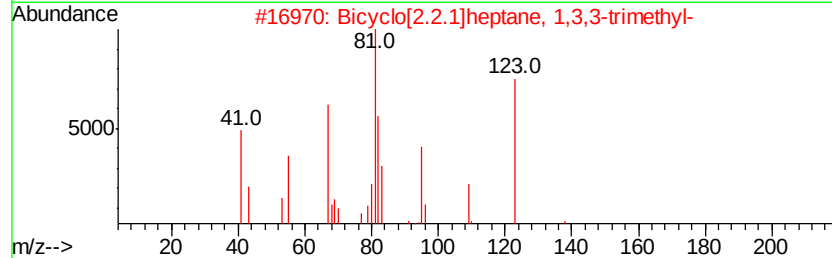
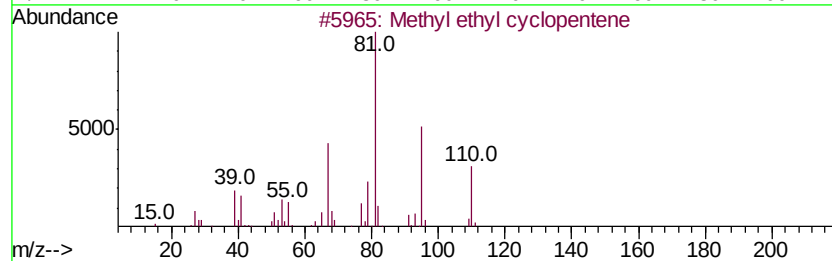
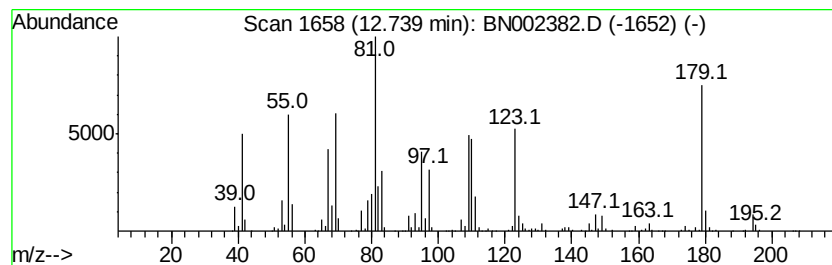
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Methyl ethyl cyclopentene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	10.93 ng/ul	2388780	Acenaphthene-d10	14.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	50
2		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	46
3		Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
4		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	30
5		Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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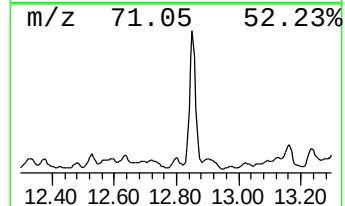
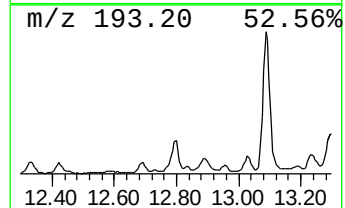
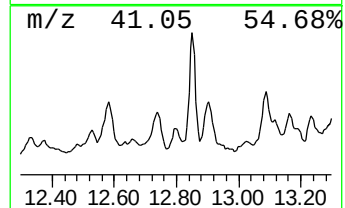
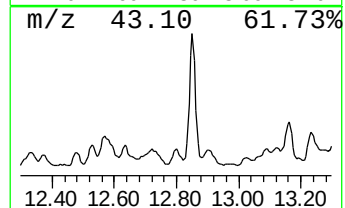
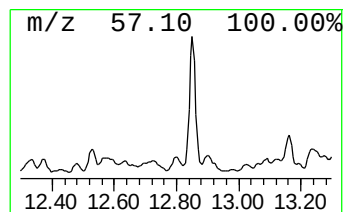
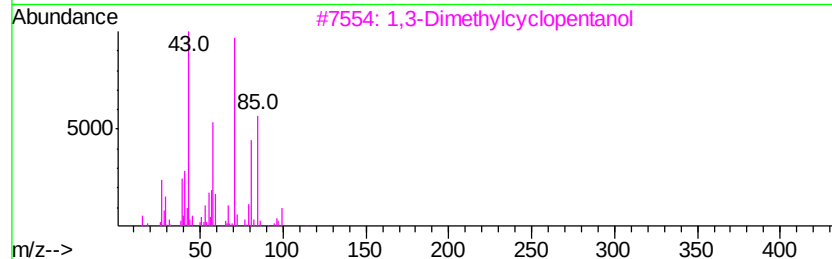
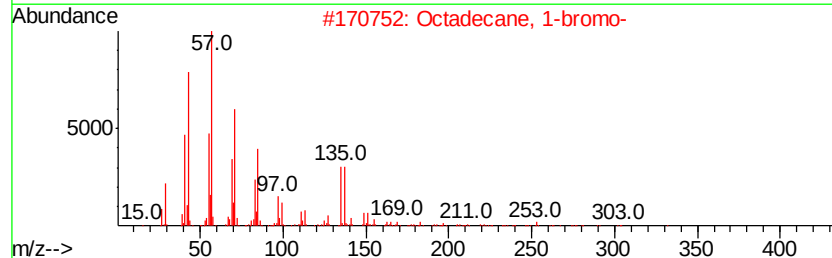
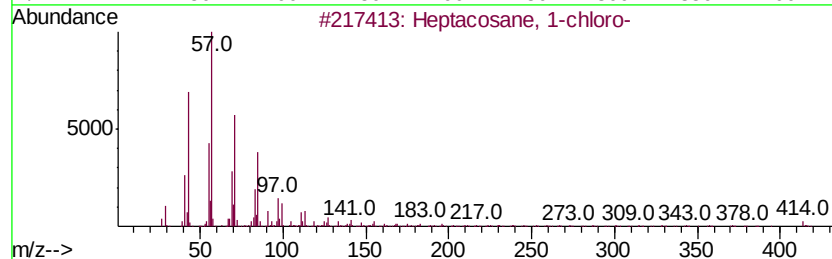
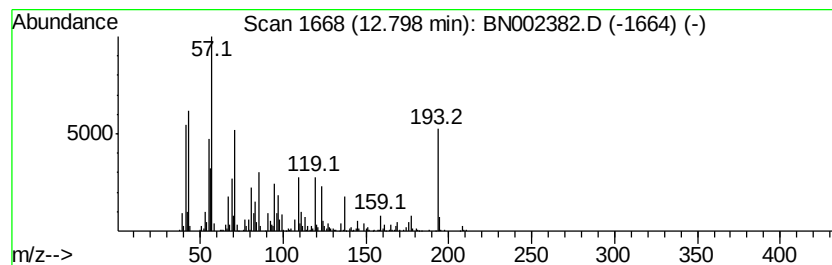
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.48 ng/ul	1197980	Acenaphthene-d10	14.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	25
2			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	25
3			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	20
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	20
5			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z61

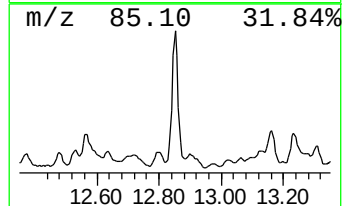
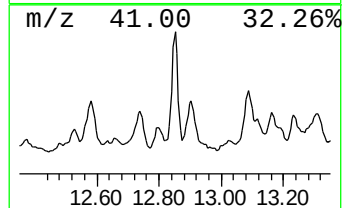
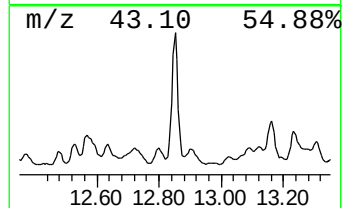
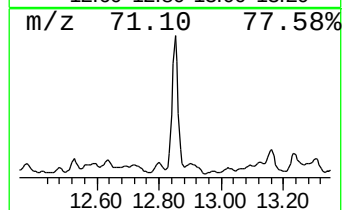
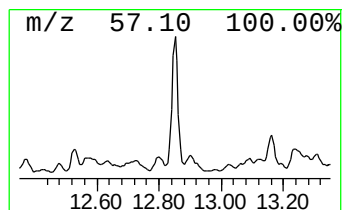
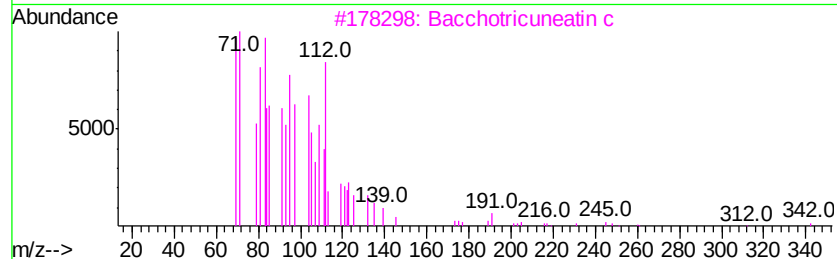
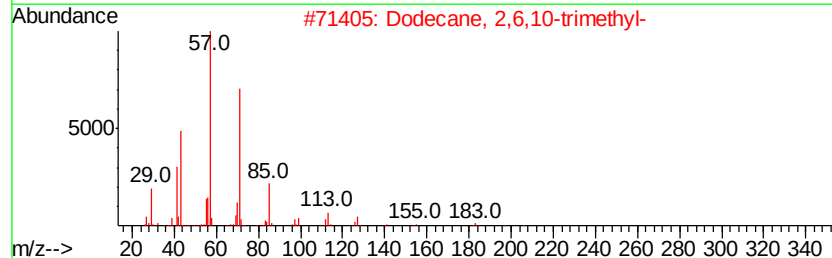
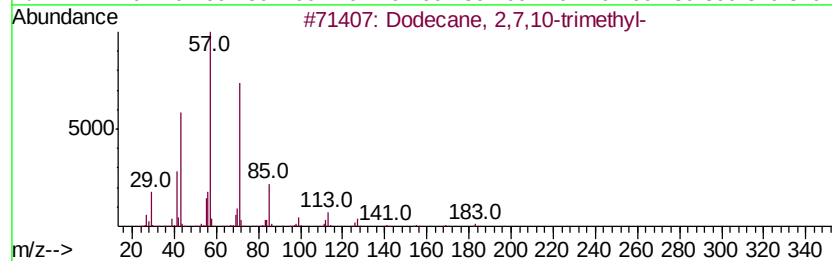
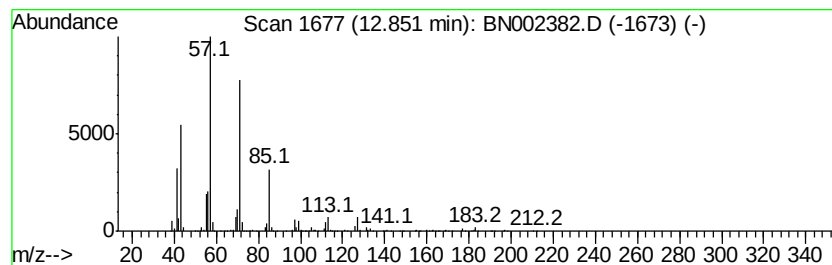
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	19.16 ng/ul	4188210	Acenaphthene-d10	14.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

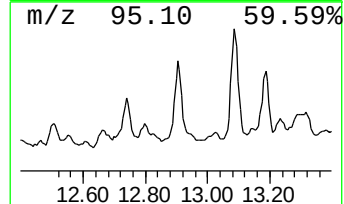
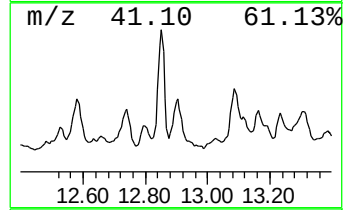
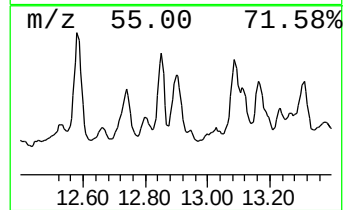
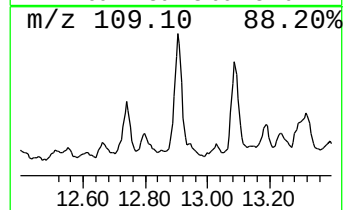
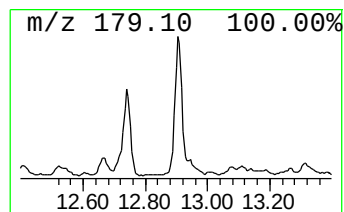
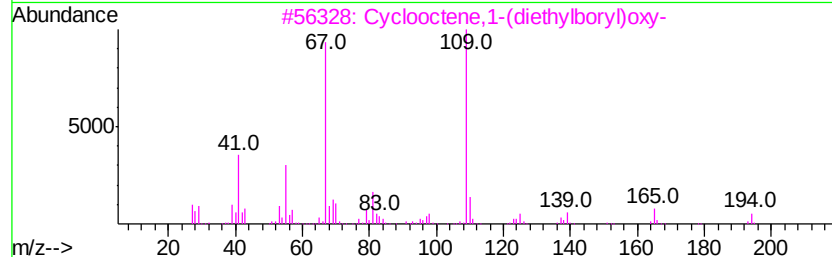
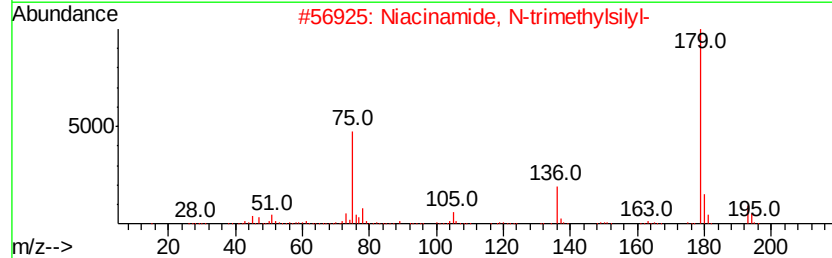
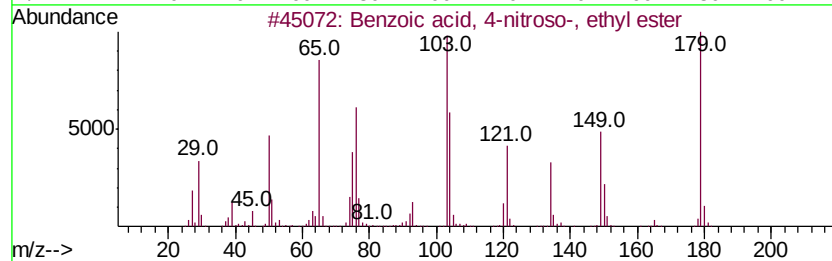
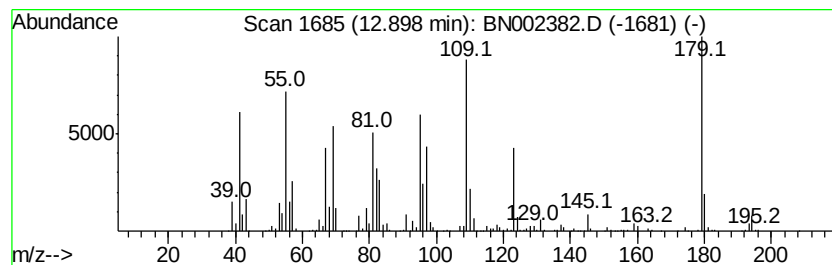
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	11.32 ng/ul	2475870	Acenaphthene-d10	14.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzoic acid, 4-nitroso-, ethyl ...	179 C9H9NO3	007476-79-1 25
2		Niacinamide, N-trimethylsilyl-	194 C9H14N2OSi	1000374-74-5 14
3		Cyclooctene,1-(diethylboryl)oxy-	194 C12H23BO	057387-71-0 14
4		Benzoic acid, 2-acetyl-3-methoxy-	194 C10H10O4	120714-42-3 14
5		3,5-Dimethyl-1-hexylpyrazole	180 C11H20N2	024475-41-0 12



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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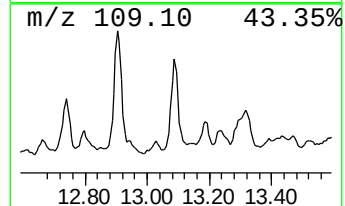
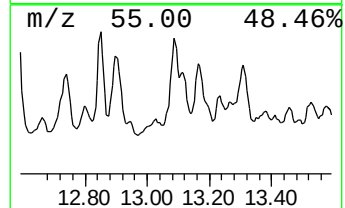
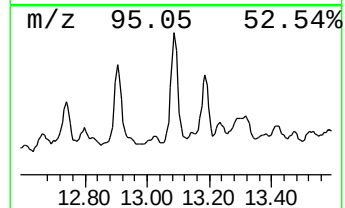
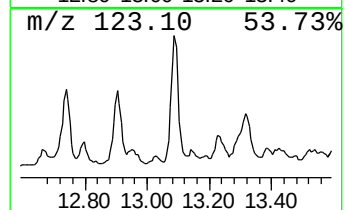
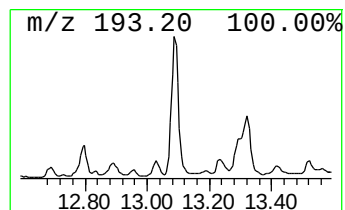
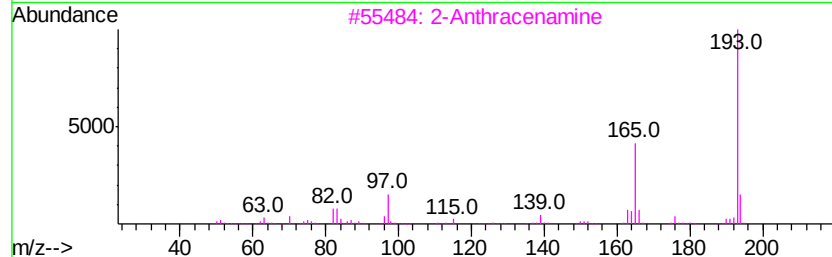
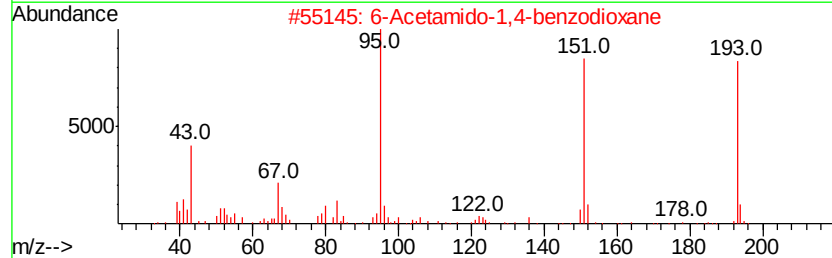
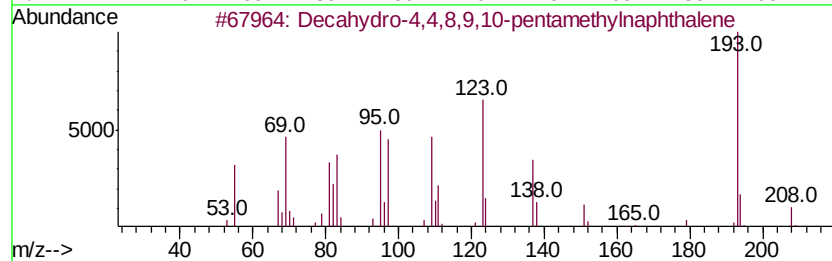
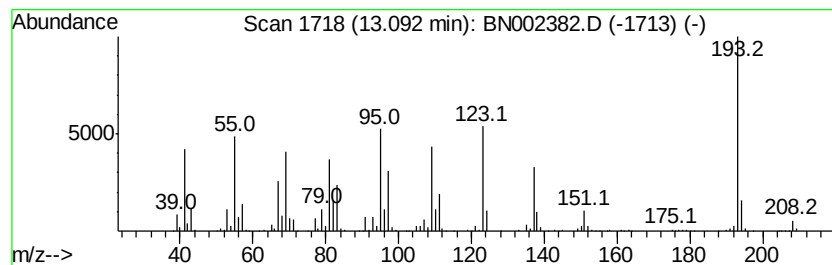
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Decahydro-4,4,8,9,10-pentam... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	13.77 ng/ul	3011390	Acenaphthene-d10	14.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	96
2		6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	38
3		2-Anthracenamine	193	C14H11N	000613-13-8	27
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25
5		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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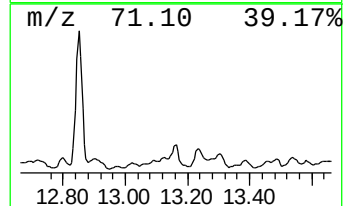
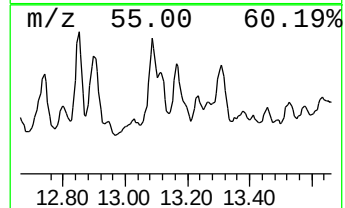
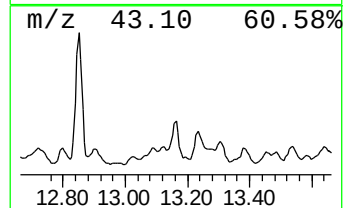
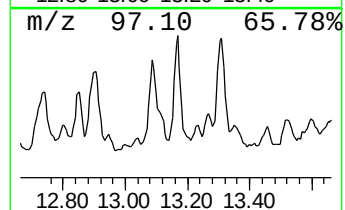
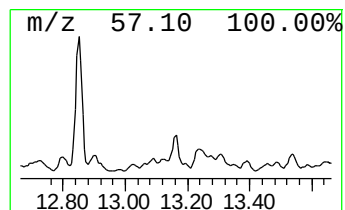
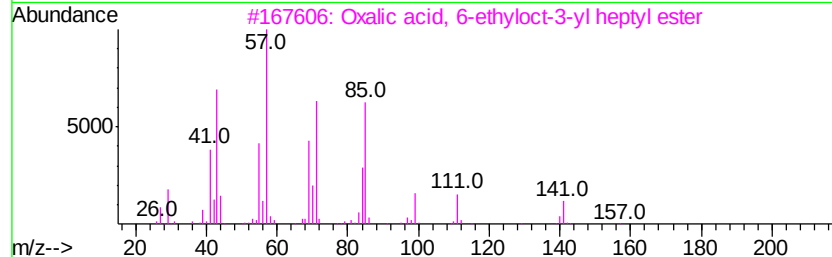
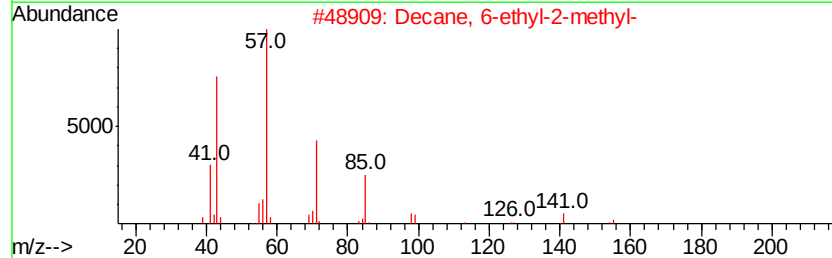
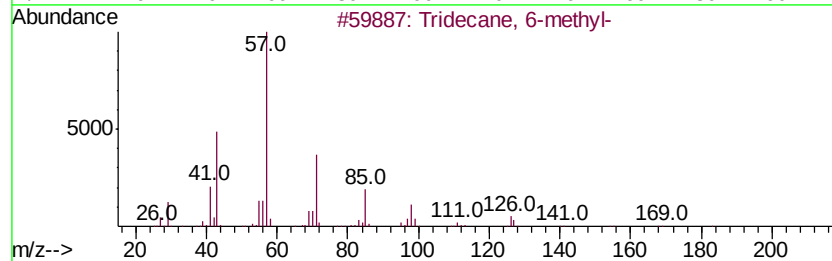
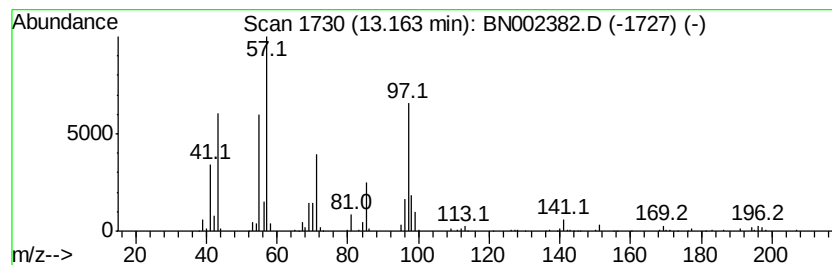
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.31 ng/ul	723697	Acenaphthene-d10	14.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
3		Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	43
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
5		Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002382.D
Acq On : 17 Aug 2018 17:14
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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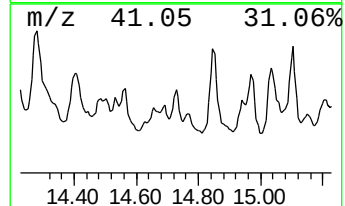
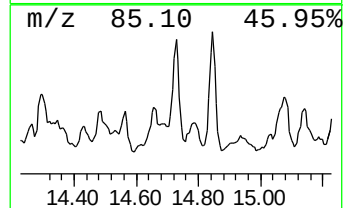
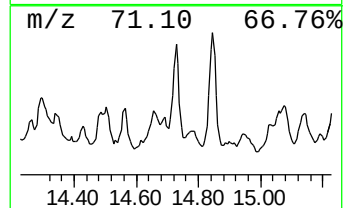
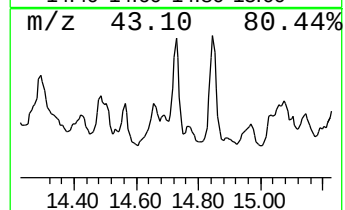
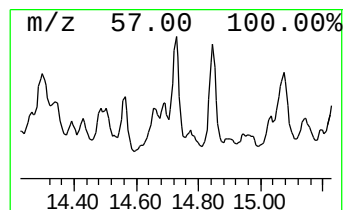
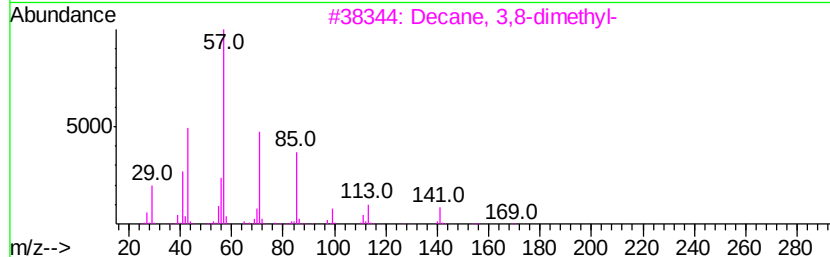
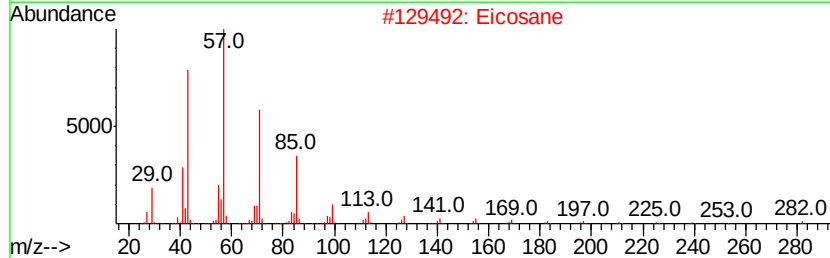
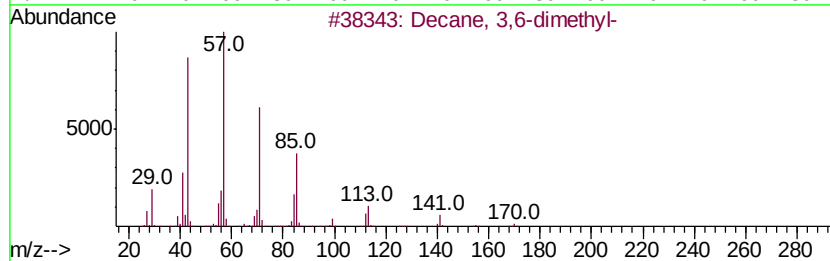
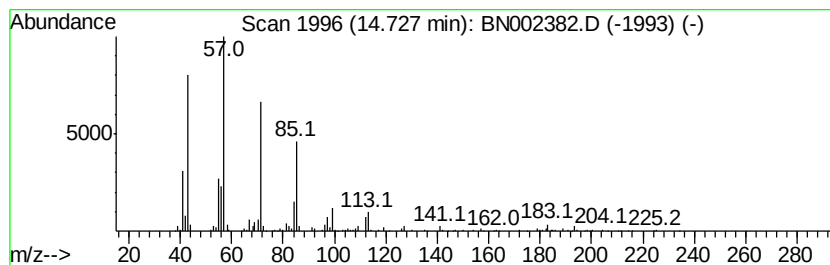
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.73 ng/ul	596751	Acenaphthene-d10	14.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
2			Eicosane	282	C20H42	000112-95-8	72
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081718\
 Data File : BN002382.D
 Acq On : 17 Aug 2018 17:14
 Operator : JU/SJ
 Sample : J4424-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	8.22	6.0	ng/ul	593140	1	7.67	1960740	20.0
Naphthalene, deca...	8.49	6.7	ng/ul	657840	1	7.67	1960740	20.0
(DEL) Alkane: Str...	8.55	6.3	ng/ul	622167	1	7.67	1960740	20.0
(DEL) Alkane: Cyc...	8.99	6.0	ng/ul	590453	1	7.67	1960740	20.0
(DEL) Alkane: Cyc...	9.13	6.3	ng/ul	1382980	2	10.45	4358620	20.0
(DEL) Alkane: Str...	9.25	2.5	ng/ul	536655	2	10.45	4358620	20.0
(DEL) Alkane: Str...	9.31	4.3	ng/ul	933123	2	10.45	4358620	20.0
trans-Decalin, 2-...	9.37	5.6	ng/ul	1226630	2	10.45	4358620	20.0
Benzene, 1-methyl...	9.92	2.5	ng/ul	553109	2	10.45	4358620	20.0
Sulfurous acid, b...	10.19	2.4	ng/ul	526751	2	10.45	4358620	20.0
(DEL) Alkane: Cyc...	10.35	4.3	ng/ul	946886	2	10.45	4358620	20.0
(DEL) Alkane: Cyc...	10.52	4.2	ng/ul	918540	2	10.45	4358620	20.0
(DEL) Alkane: Str...	10.68	6.3	ng/ul	1366270	2	10.45	4358620	20.0
(DEL) Alkane: Cyc...	10.75	2.9	ng/ul	623909	2	10.45	4358620	20.0
Naphthalene, deca...	10.86	3.5	ng/ul	768919	2	10.45	4358620	20.0
(DEL) Alkane: Cyc...	10.94	2.8	ng/ul	605621	2	10.45	4358620	20.0
(DEL) Alkane: Cyc...	11.15	15.4	ng/ul	3344220	2	10.45	4358620	20.0
(DEL) Alkane: Str...	11.22	4.6	ng/ul	999113	2	10.45	4358620	20.0
(DEL) Alkane: Str...	11.29	5.0	ng/ul	1097750	2	10.45	4358620	20.0
(DEL) Alkane: Cyc...	11.39	5.7	ng/ul	1244650	2	10.45	4358620	20.0
(DEL) Alkane: Str...	11.48	23.8	ng/ul	5194490	2	10.45	4358620	20.0
(DEL) Alkane: Cyc...	11.74	2.3	ng/ul	496845	2	10.45	4358620	20.0
(DEL) Alkane: Str...	12.10	15.5	ng/ul	3384330	2	10.45	4358620	20.0
unknown-01	12.19	8.7	ng/ul	1897660	2	10.45	4358620	20.0
1,1'-Bicyclohexyl	12.25	3.7	ng/ul	813323	2	10.45	4358620	20.0
1H-Indene, 2,3-di...	12.33	3.9	ng/ul	856534	2	10.45	4358620	20.0
Naphthalene, 1,2,...	12.37	2.2	ng/ul	477954	2	10.45	4358620	20.0
(DEL) Alkane: Cyc...	12.58	9.2	ng/ul	2015560	3	14.31	4372430	20.0
Methyl ethyl cycl...	12.74	10.9	ng/ul	2388780	3	14.31	4372430	20.0
unknown-02	12.80	5.5	ng/ul	1197980	3	14.31	4372430	20.0
(DEL) Alkane: Str...	12.85	19.2	ng/ul	4188210	3	14.31	4372430	20.0
unknown-03	12.90	11.3	ng/ul	2475870	3	14.31	4372430	20.0
Decahydro-4,4,8,9...	13.09	13.8	ng/ul	3011390	3	14.31	4372430	20.0
(DEL) Alkane: Str...	13.16	3.3	ng/ul	723697	3	14.31	4372430	20.0
(DEL) Alkane: Str...	14.73	2.7	ng/ul	596751	3	14.31	4372430	20.0