

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
 Data File : BM021046.D
 Acq On : 19 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3213-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8K0

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	4	7	17	rVB	602171	786833	1.10%	0.138%
2	5.375	397	406	416	rBV	5878842	8186621	11.40%	1.440%
3	5.569	433	439	448	rVB2	1945488	2968824	4.13%	0.522%
4	6.534	596	603	612	rVB	8148907	11718970	16.31%	2.061%
5	7.045	685	690	698	rVB	1782287	2642215	3.68%	0.465%
6	7.128	698	704	711	rBV	920667	1552244	2.16%	0.273%
7	7.334	725	739	746	rBV	887824	2027918	2.82%	0.357%
8	7.787	810	816	821	rBV2	992202	2043401	2.84%	0.359%
9	7.834	821	824	831	rVB2	594139	923549	1.29%	0.162%
10	8.022	840	856	858	rBV2	31211736	58233344	81.06%	10.243%
11	8.069	859	864	868	rVB2	37380304	71836023	100.00%	12.636%
12	8.245	883	894	903	rVV2	999366	2385513	3.32%	0.420%
13	8.510	933	939	945	rBV2	896472	1584265	2.21%	0.279%
14	8.775	978	984	987	rBV2	648977	1233148	1.72%	0.217%
15	8.810	987	990	996	rVB3	514935	887503	1.24%	0.156%
16	8.881	996	1002	1003	rBV	1600504	2417414	3.37%	0.425%
17	8.934	1003	1011	1018	rVB	18458657	37305566	51.93%	6.562%
18	9.210	1052	1058	1065	rVB2	1343507	2562922	3.57%	0.451%
19	9.310	1065	1075	1080	rBV3	946491	2403174	3.35%	0.423%
20	9.375	1080	1086	1092	rVB2	1209769	1896930	2.64%	0.334%
21	9.475	1098	1103	1109	rBV4	506271	1073802	1.49%	0.189%
22	9.563	1109	1118	1122	rBV2	2589587	5290128	7.36%	0.931%
23	9.628	1123	1129	1131	rBV	1424656	2383245	3.32%	0.419%
24	9.710	1139	1143	1150	rVB	1950134	2998712	4.17%	0.527%
25	9.851	1152	1167	1176	rVV2	4650243	12057225	16.78%	2.121%
26	9.928	1176	1180	1186	rVV2	1261351	2122835	2.96%	0.373%
27	10.016	1188	1195	1201	rVB2	1117967	2200980	3.06%	0.387%
28	10.133	1207	1215	1219	rBV2	2502901	7131120	9.93%	1.254%
29	10.210	1219	1228	1233	rVB5	4237782	10376028	14.44%	1.825%
30	10.275	1233	1239	1241	rBV3	1603141	3007189	4.19%	0.529%
31	10.316	1242	1246	1250	rVB2	2121989	3579771	4.98%	0.630%
32	10.522	1273	1281	1285	rBV4	485517	1045486	1.46%	0.184%
33	10.581	1285	1291	1295	rBV2	1731079	3191870	4.44%	0.561%
34	10.686	1301	1309	1310	rBV3	686231	1030153	1.43%	0.181%

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

35	10.716	1310	1314	1316	rVV	1027392	1767681	2.46%	0.311%
36	10.751	1316	1320	1329	rVB	1582576	2914579	4.06%	0.513%
37	10.928	1330	1350	1356	rBV3	6546859	29077937	40.48%	5.115%
38	10.992	1356	1361	1369	rVV3	3523719	8590917	11.96%	1.511%
39	11.139	1379	1386	1392	rBV3	1667768	3630190	5.05%	0.639%
40	11.228	1397	1401	1407	rVB2	947549	1642974	2.29%	0.289%
41	11.475	1430	1443	1446	rBV4	580410	2105084	2.93%	0.370%
42	11.616	1446	1467	1471	rVV3	7829434	34824992	48.48%	6.126%
43	11.651	1471	1473	1481	rVB3	947841	1368868	1.91%	0.241%
44	11.786	1486	1496	1500	rBV4	1057048	2764749	3.85%	0.486%
45	11.833	1500	1504	1508	rBV	981583	1342910	1.87%	0.236%
46	11.880	1508	1512	1524	rVB3	624235	1853678	2.58%	0.326%
47	12.004	1525	1533	1544	rBV4	4749374	11155863	15.53%	1.962%
48	12.133	1544	1555	1567	rBV4	1742740	5673198	7.90%	0.998%
49	12.275	1574	1579	1583	rBV4	657556	1078972	1.50%	0.190%
50	12.416	1598	1603	1608	rVV3	763384	1550607	2.16%	0.273%
51	12.533	1616	1623	1628	rBV3	605019	1520149	2.12%	0.267%
52	12.598	1628	1634	1642	rVV5	989218	2420513	3.37%	0.426%
53	12.863	1674	1679	1684	rVB2	547891	859076	1.20%	0.151%
54	12.951	1685	1694	1696	rBV4	536804	1216982	1.69%	0.214%
55	12.980	1696	1699	1707	rVV4	688176	1697636	2.36%	0.299%
56	13.086	1712	1717	1722	rVB	3903188	5543165	7.72%	0.975%
57	13.151	1722	1728	1733	rBV	2365943	3899054	5.43%	0.686%
58	13.245	1739	1744	1751	rVB4	942540	1915379	2.67%	0.337%
59	13.380	1762	1767	1770	rVB	739358	1020362	1.42%	0.179%
60	13.474	1779	1783	1795	rVB2	1289423	2313540	3.22%	0.407%
61	13.627	1803	1809	1815	rVB4	866161	1688888	2.35%	0.297%
62	13.839	1840	1845	1851	rBV	2609415	3745137	5.21%	0.659%
63	13.980	1863	1869	1873	rBV5	591833	1055621	1.47%	0.186%
64	14.063	1878	1883	1887	rVV5	833418	1686422	2.35%	0.297%
65	14.116	1887	1892	1896	rVV	3058290	4966943	6.91%	0.874%
66	14.151	1896	1898	1904	rVB	1196946	1634198	2.27%	0.287%
67	14.363	1929	1934	1938	rVB3	547909	1043328	1.45%	0.184%
68	14.433	1938	1946	1950	rBV3	3290436	6028553	8.39%	1.060%
69	14.480	1950	1954	1959	rVB3	1646730	2217769	3.09%	0.390%
70	14.539	1959	1964	1969	rVB4	505890	952062	1.33%	0.167%
71	14.610	1971	1976	1978	rBV	1792586	2839002	3.95%	0.499%

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Title : SVOA CALIBRATION

72	14.757	1996	2001	2005	rVV	4141475	5777954	8.04%	1.016%
73	14.792	2005	2007	2012	rVV4	819521	1393465	1.94%	0.245%
74	14.880	2019	2022	2026	rVB	802344	924730	1.29%	0.163%
75	15.045	2046	2050	2053	rVB2	830121	1026026	1.43%	0.180%
76	15.086	2053	2057	2069	rVB5	820572	2260645	3.15%	0.398%
77	15.204	2069	2077	2081	rBV3	1567013	2999766	4.18%	0.528%
78	15.286	2086	2091	2092	rBV3	841337	1171812	1.63%	0.206%
79	15.421	2107	2114	2120	rVB	4614595	7363952	10.25%	1.295%
80	15.504	2120	2128	2130	rBV3	578639	1070338	1.49%	0.188%
81	15.545	2130	2135	2140	rVB2	1376590	2251192	3.13%	0.396%
82	15.615	2140	2147	2154	rBV	2497302	4214445	5.87%	0.741%
83	15.686	2154	2159	2164	rVB	1499568	2088132	2.91%	0.367%
84	15.751	2165	2170	2177	rBV7	359722	956203	1.33%	0.168%
85	15.933	2196	2201	2206	rVB2	453343	808218	1.13%	0.142%
86	16.215	2246	2249	2250	rVV	1277275	1288602	1.79%	0.227%
87	16.262	2250	2257	2262	rVB	28085846	45940750	63.95%	8.081%
88	16.710	2329	2333	2338	rVB	1073048	1401078	1.95%	0.246%
89	16.827	2345	2353	2359	rVV	4425625	8563319	11.92%	1.506%
90	16.910	2363	2367	2370	rVV	1290802	2096704	2.92%	0.369%
91	16.939	2370	2372	2376	rVV	965944	1237698	1.72%	0.218%
92	16.986	2376	2380	2385	rVB	973249	1367121	1.90%	0.240%
93	17.174	2407	2412	2419	rVV2	2720923	4097366	5.70%	0.721%
94	17.274	2423	2429	2436	rVB	4400458	6672609	9.29%	1.174%
95	17.527	2468	2472	2476	rBV	2172479	3244909	4.52%	0.571%
96	18.062	2559	2563	2569	rBV	1157547	1635067	2.28%	0.288%
97	19.562	2813	2818	2831	rVB	5197887	7379853	10.27%	1.298%
98	21.350	3117	3122	3128	rBV	3048180	3743499	5.21%	0.658%
99	23.486	3478	3485	3500	rVB2	3570279	7086663	9.87%	1.247%
100	23.627	3503	3509	3517	rVB2	1953726	3745810	5.21%	0.659%

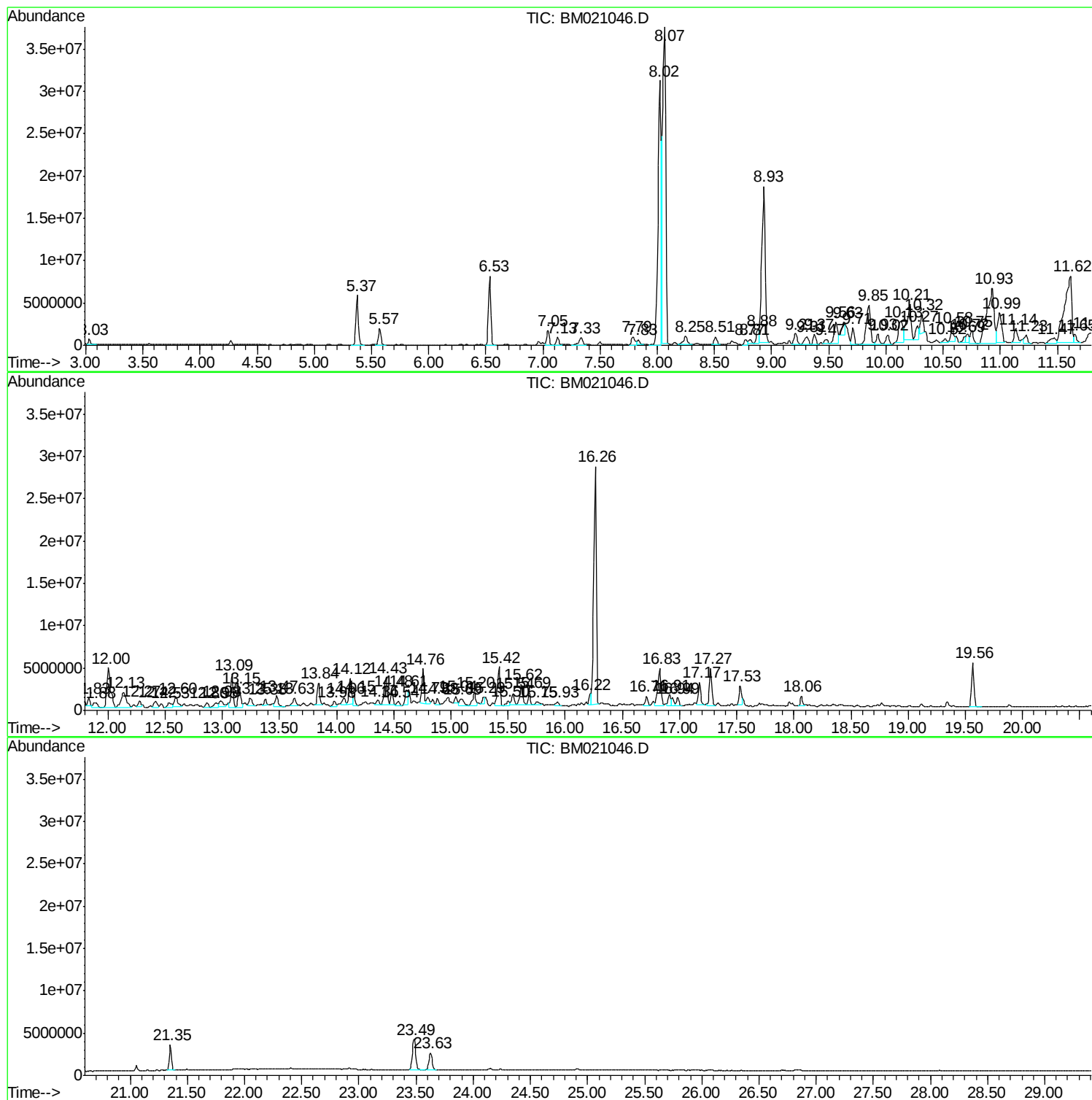
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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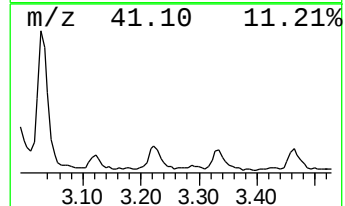
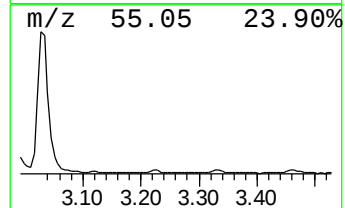
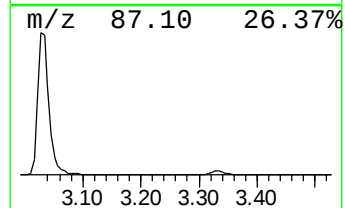
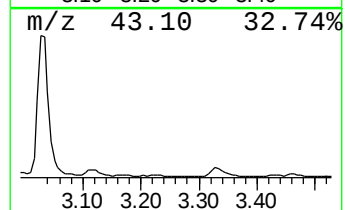
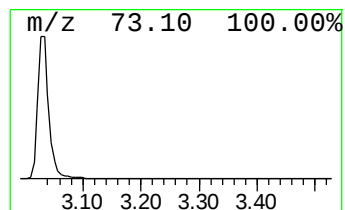
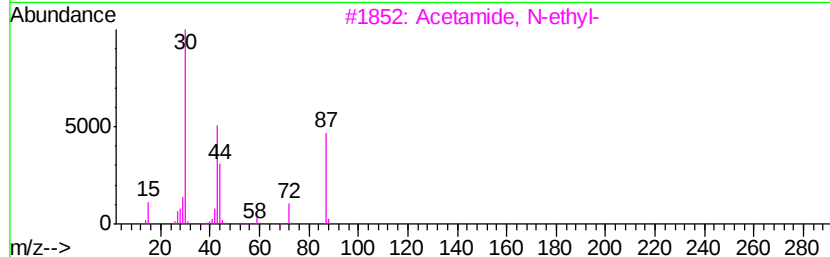
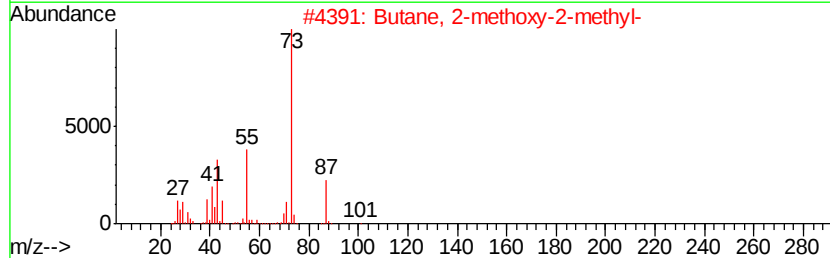
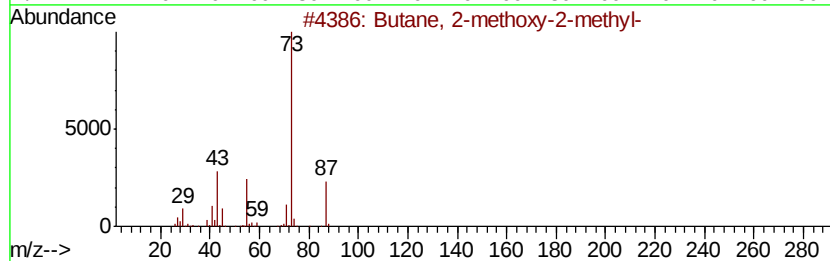
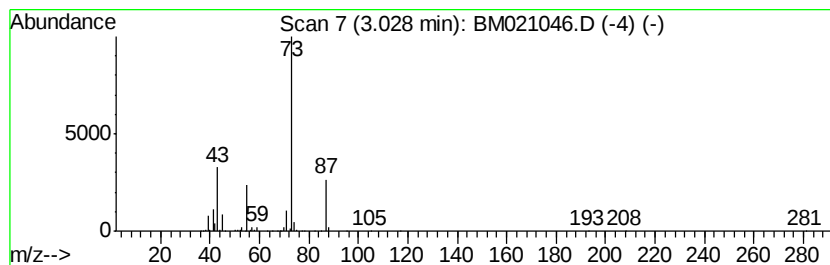
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	7.70 ng/ul	786833	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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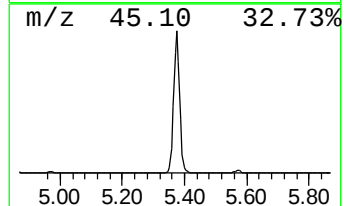
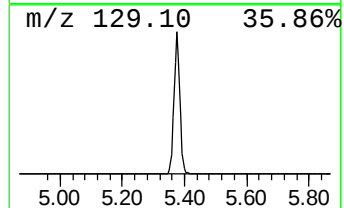
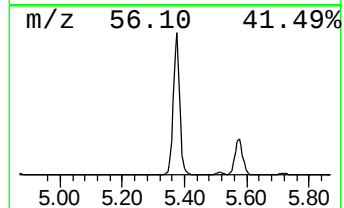
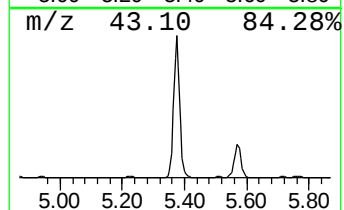
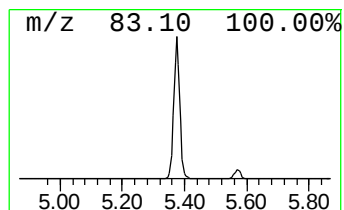
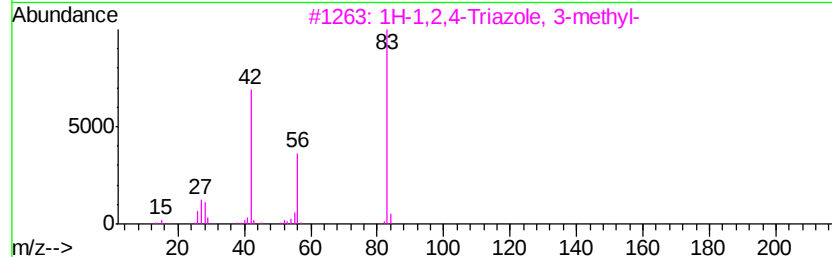
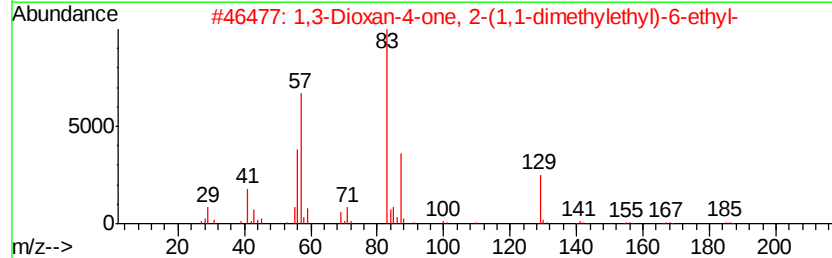
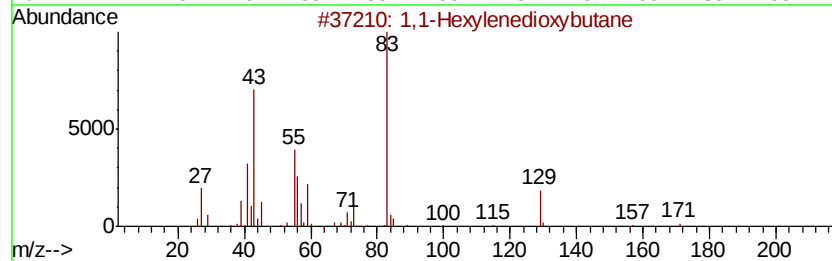
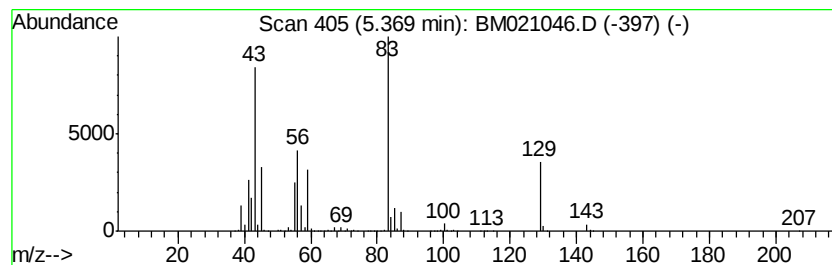
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	80.13 ng/ul	8186620	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	39
2			1,3-Dioxan-4-one, 2-(1,1-dimethyl-...	186	C10H18O3	113505-80-9	38
3			1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	37
4			1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25
5			Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	12



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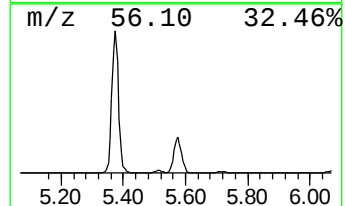
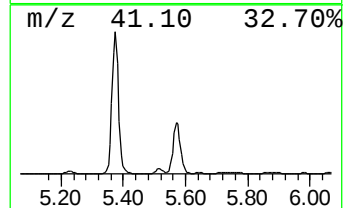
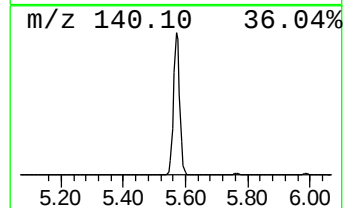
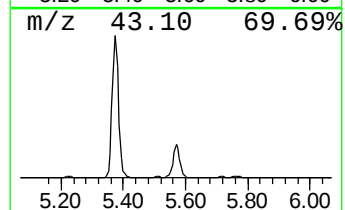
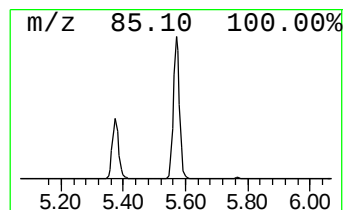
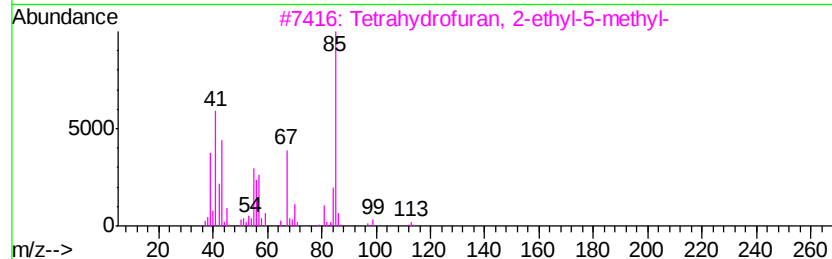
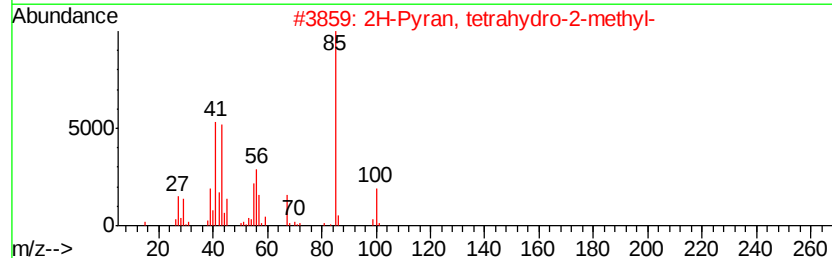
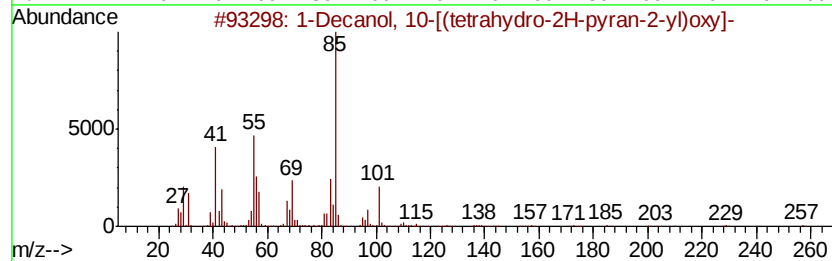
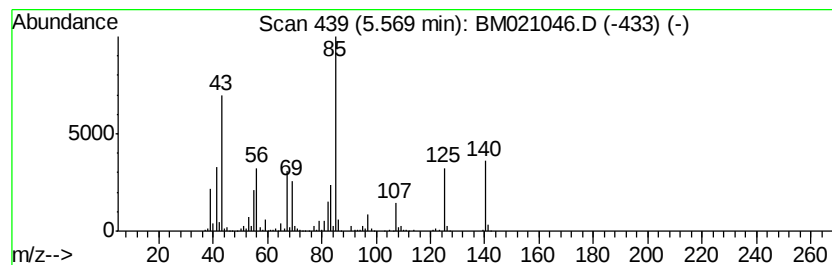
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	29.06 ng/ul	2968820	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	47
2		2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	43
3		Tetrahydrofuran, 2-ethyl-5-methyl-	114	C7H14O	000931-39-5	43
4		2H-Pyran, tetrahydro-2-[2-(methy...	182	C11H18O2	107616-98-8	38
5		7-[2-Tertahydropyranyloxy]-1-hep...	196	C12H20O2	037011-86-2	38



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Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
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ClientSampleId :
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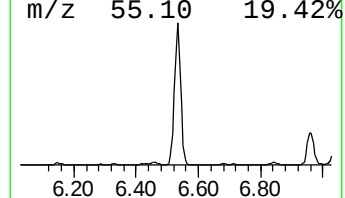
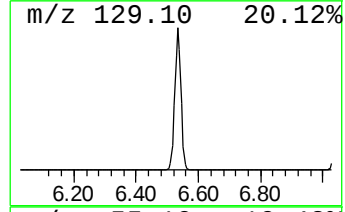
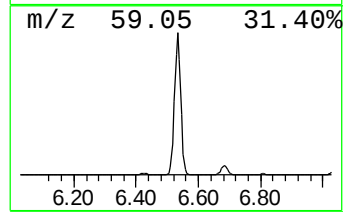
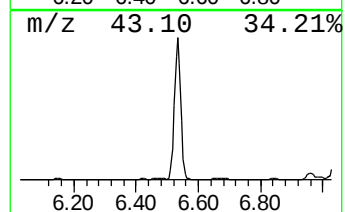
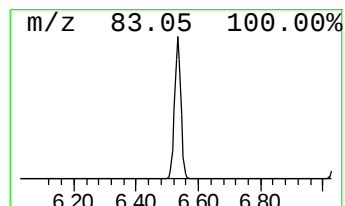
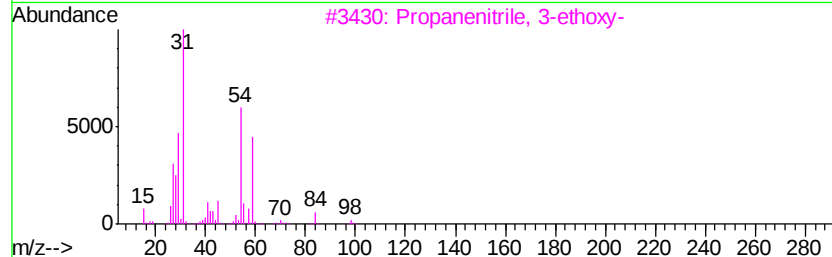
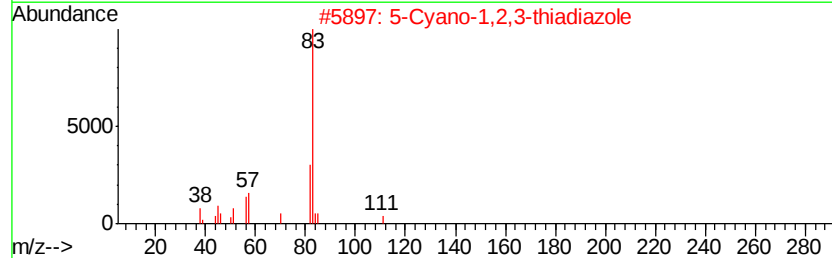
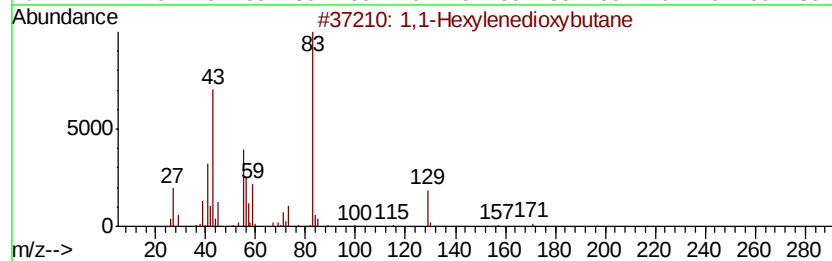
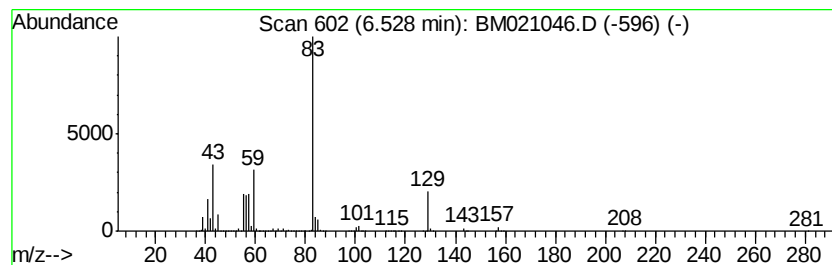
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1-Hexylenedioxybutane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	114.70 ng/ul	11719000	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	72
2		5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	42
3		Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	10
4		.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	9
5		1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9



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Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
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ClientSampleId :
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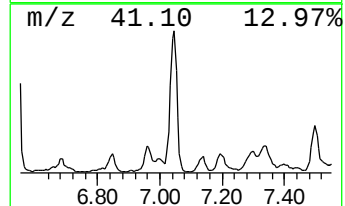
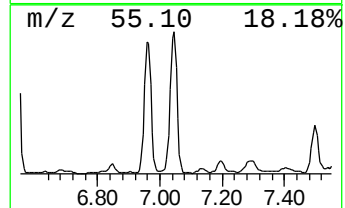
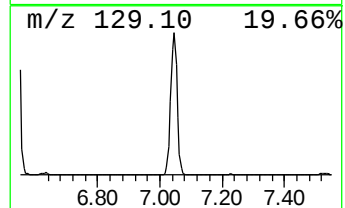
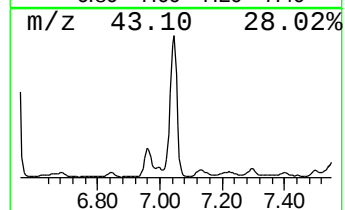
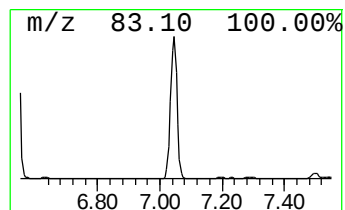
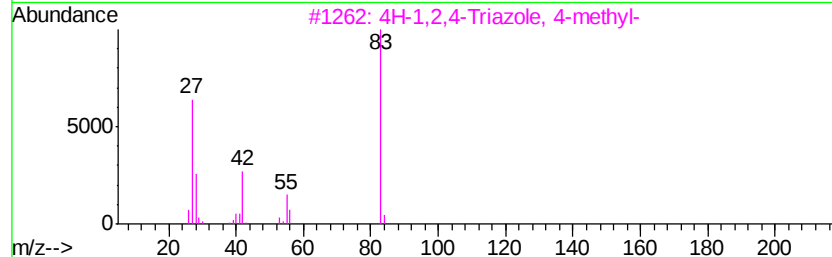
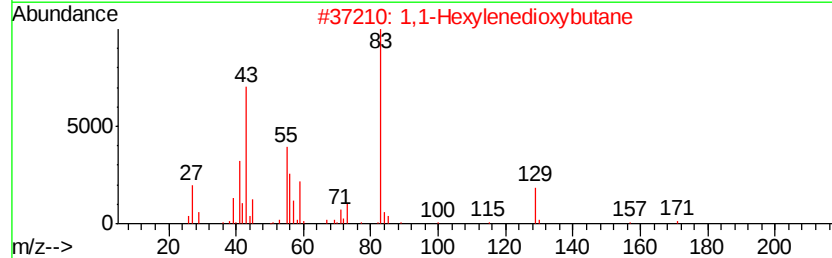
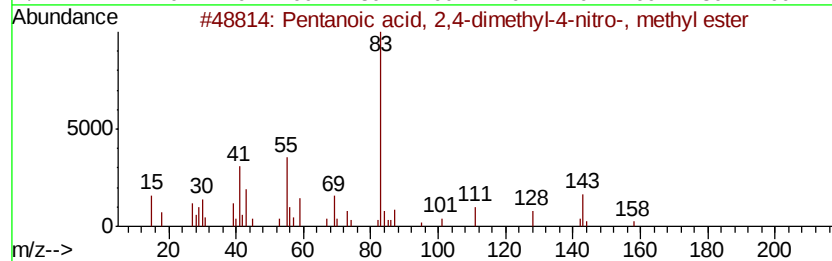
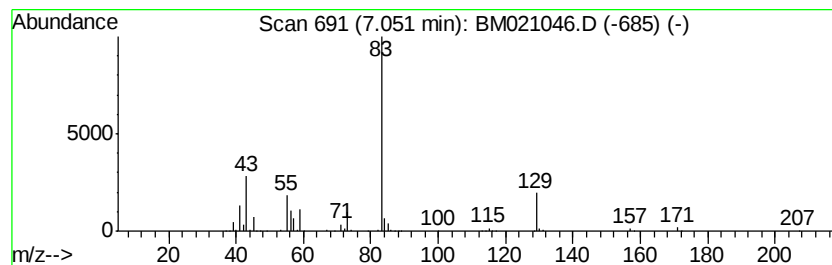
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	25.86 ng/ul	2642220	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39
2		1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	27
3		4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9
4		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	9
5		2-Pentene, 5-bromo-2,3-dimethyl-	176	C7H13Br	056312-52-8	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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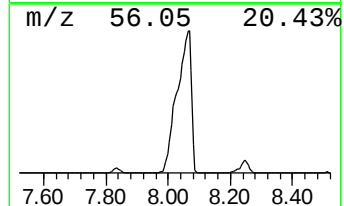
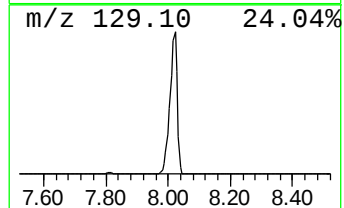
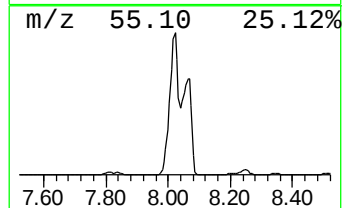
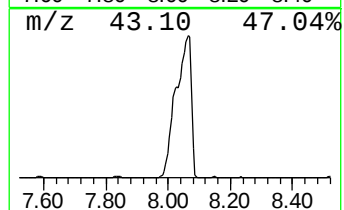
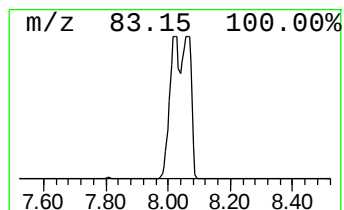
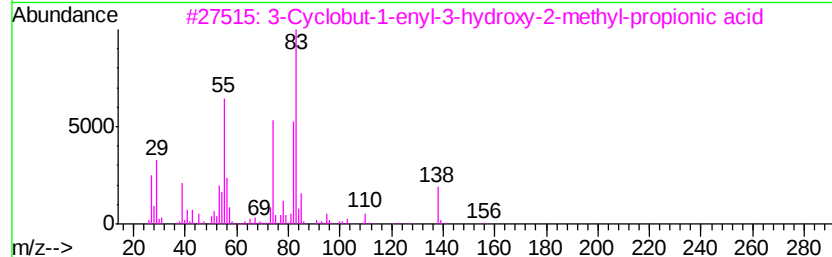
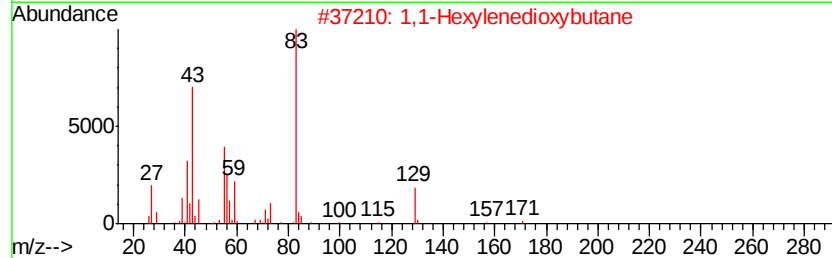
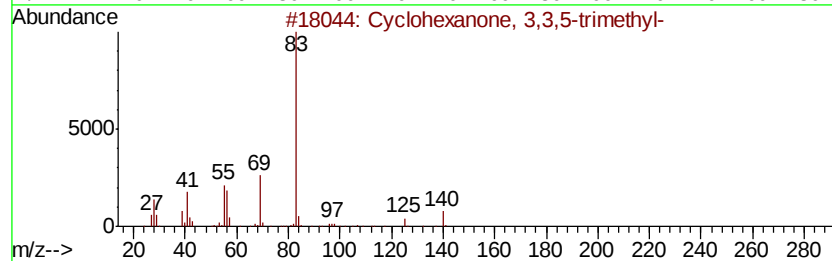
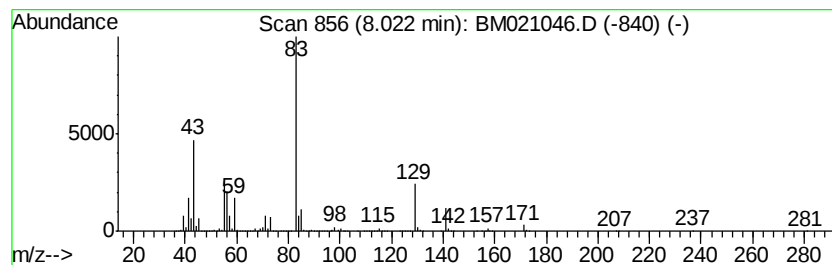
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	569.97 ng/ul	58233300	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	47
2	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	45
3	3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	36
4	1,3-Cyclohexanedione, 2,2,5,5-te...	168	C10H16O2	000702-50-1	28
5	3-Methyl-2-butenic acid, 2,2-di...	170	C10H18O2	1000279-23-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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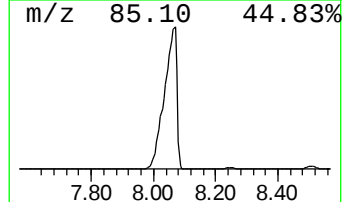
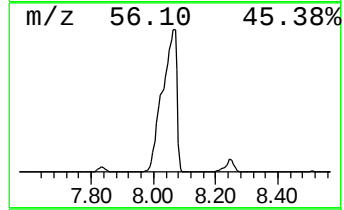
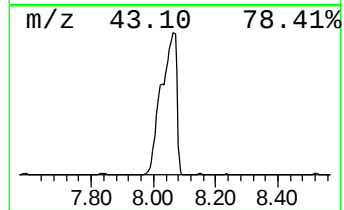
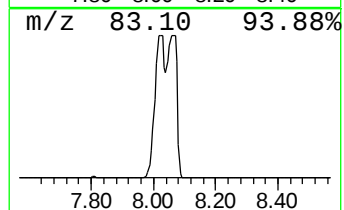
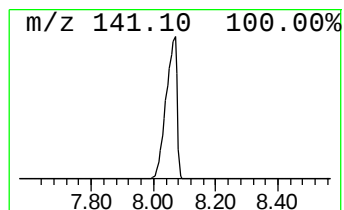
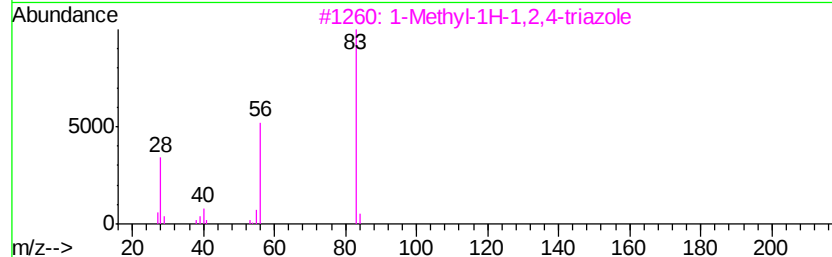
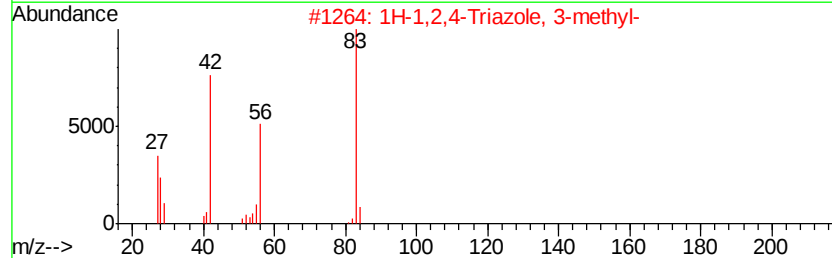
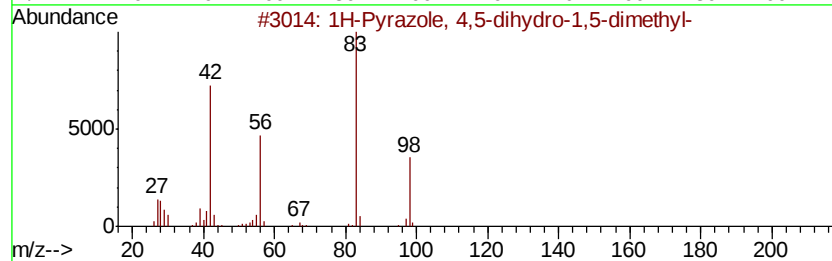
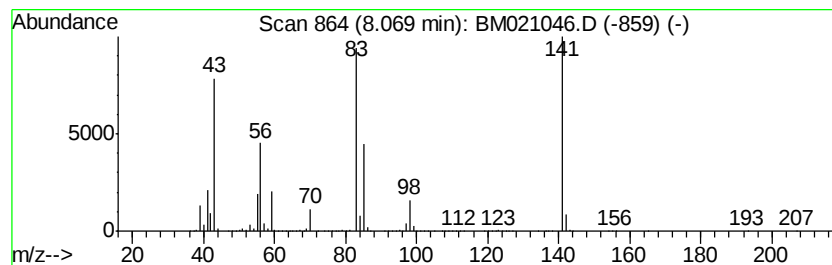
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	703.10 ng/ul	71836000	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	25
2		1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	16
3		1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	16
4		5-Methoxy-2,4-dimethyl-furan-3-one	142	C7H10O3	039036-74-3	16
5		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
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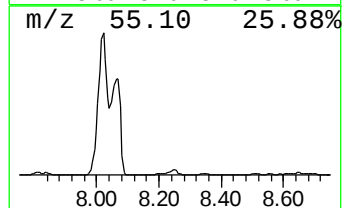
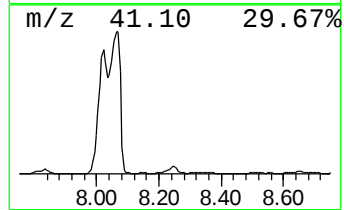
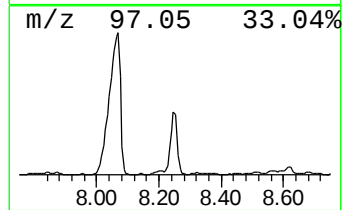
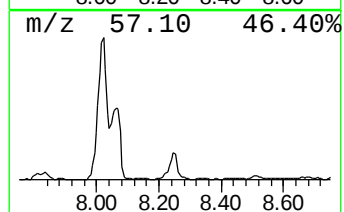
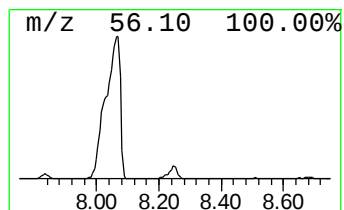
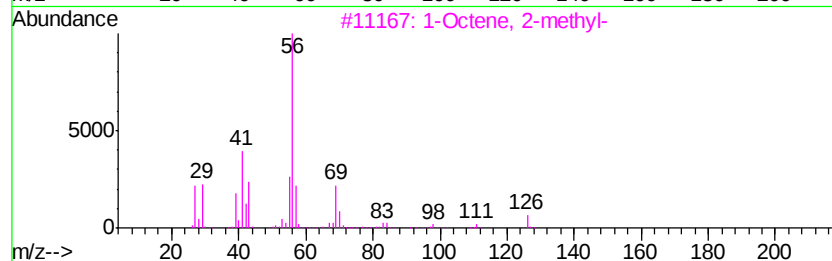
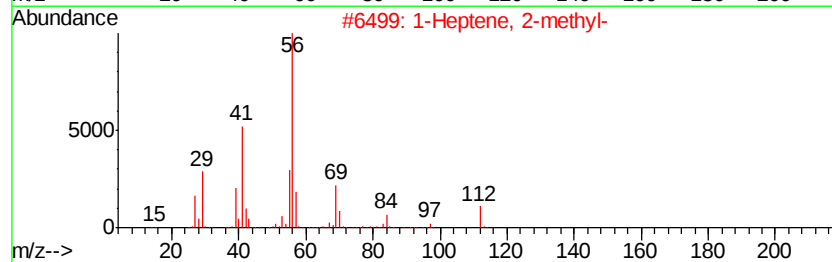
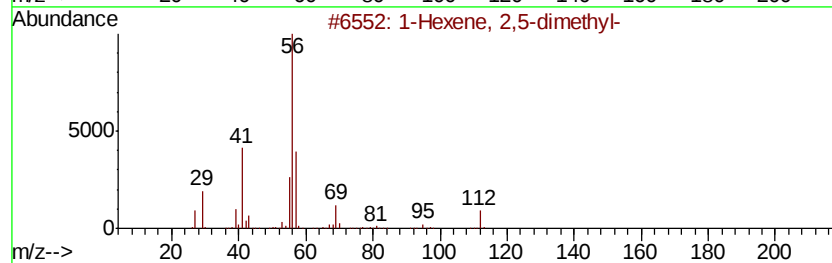
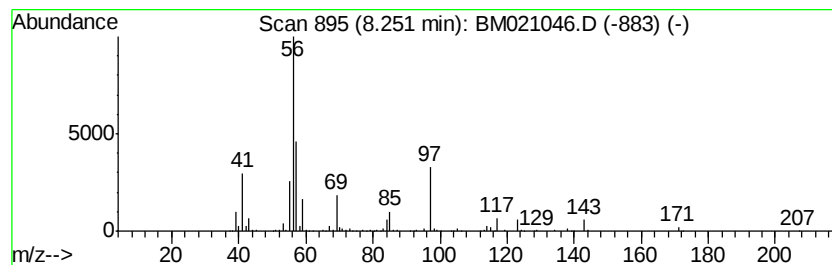
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic8.25 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	23.35 ng/ul	2385510	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	47
2		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	40
3		1-Octene, 2-methyl-	126	C9H18	004588-18-5	38
4		2-Methyl-1-nonene	140	C10H20	002980-71-4	38
5		1-Octene, 2-methyl-	126	C9H18	004588-18-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
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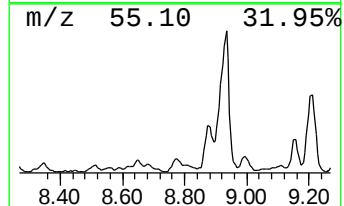
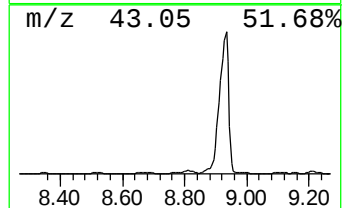
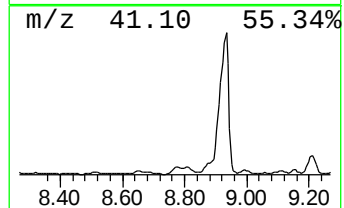
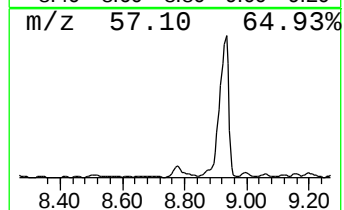
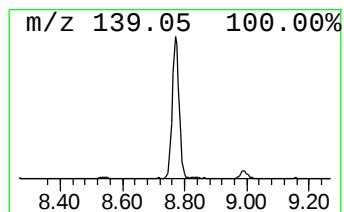
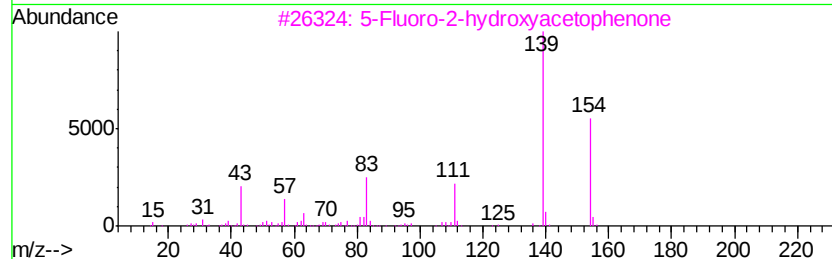
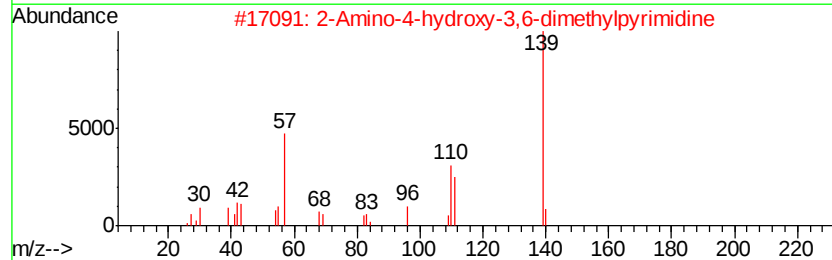
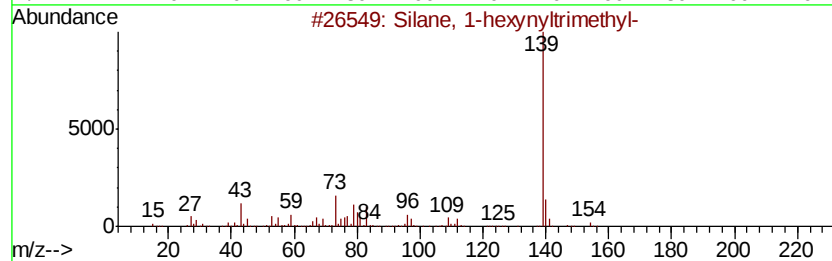
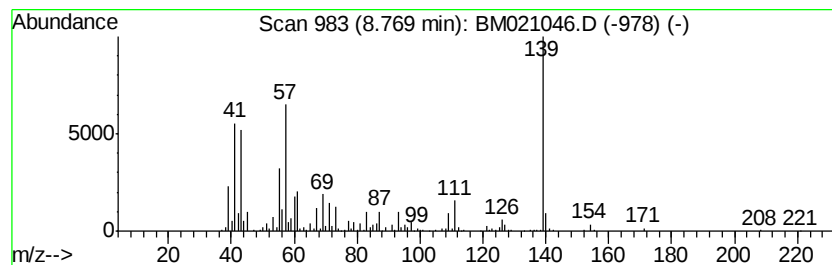
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-06 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	12.07 ng/ul	1233150	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, 1-hexynyltrimethyl-	154	C9H18Si	003844-94-8	38
2		2-Amino-4-hydroxy-3,6-dimethylpy...	139	C6H9N3O	033796-41-7	38
3		5-Fluoro-2-hydroxyacetophenone	154	C8H7FO2	000394-32-1	37
4		2-Methyl-1,6-dihydro-4-methylami...	139	C6H9N3O	1000288-89-5	37
5		Aminoethanol, N-(4-nitrophenoxyc...	226	C9H10N2O5	120973-28-6	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
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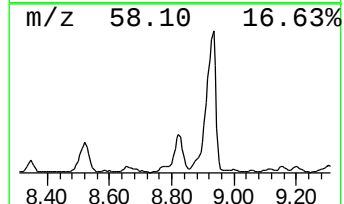
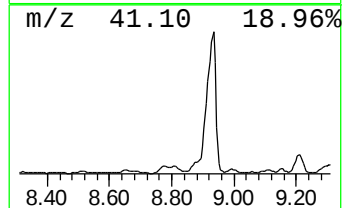
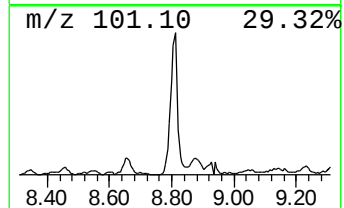
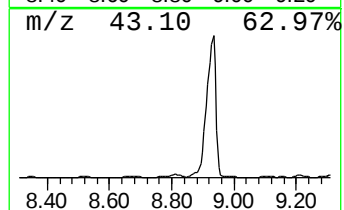
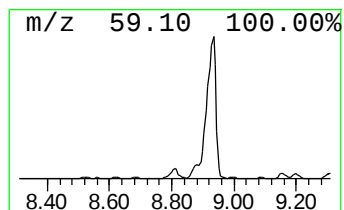
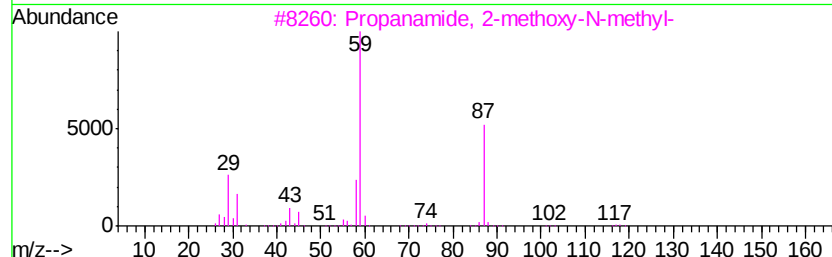
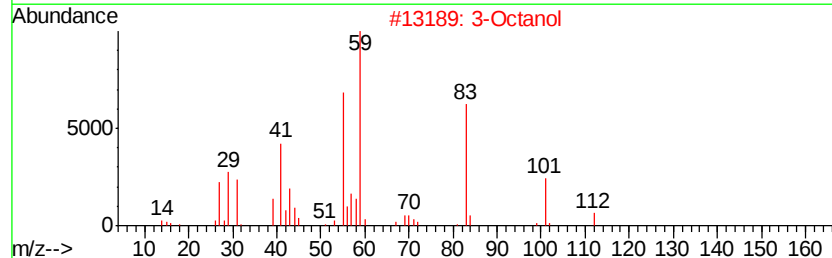
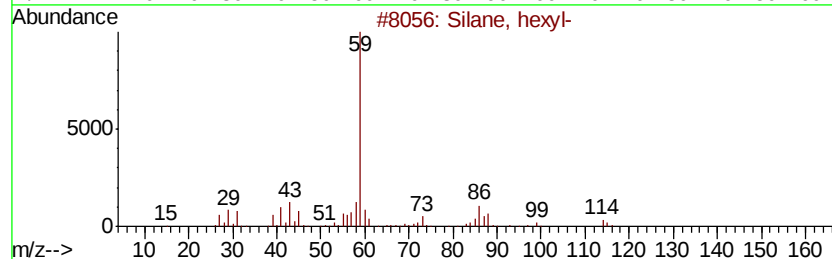
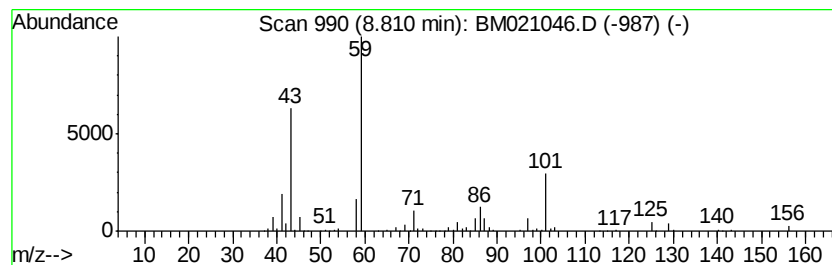
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-07 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	8.69 ng/ul	887503	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, hexyl-	116	C6H16Si	001072-14-6	40
2			3-Octanol	130	C8H18O	000589-98-0	33
3			Propanamide, 2-methoxy-N-methyl-	117	C5H11NO2	1000196-12-6	25
4			2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	25
5			o-Menthan-8-ol	156	C10H20O	343855-44-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8K0

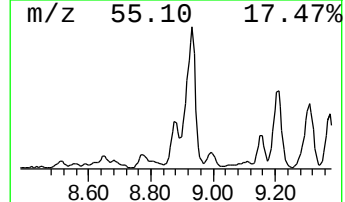
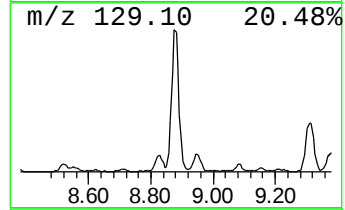
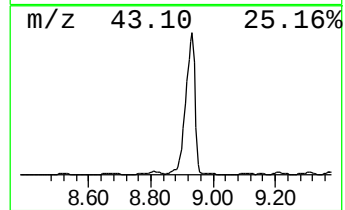
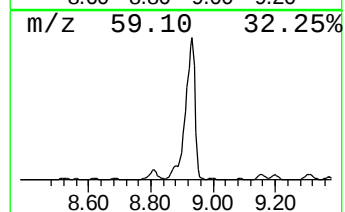
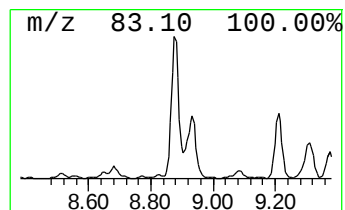
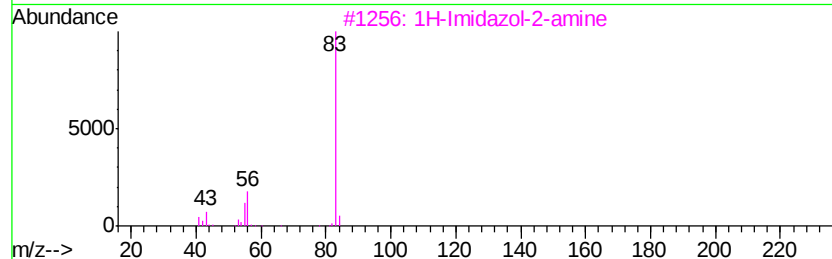
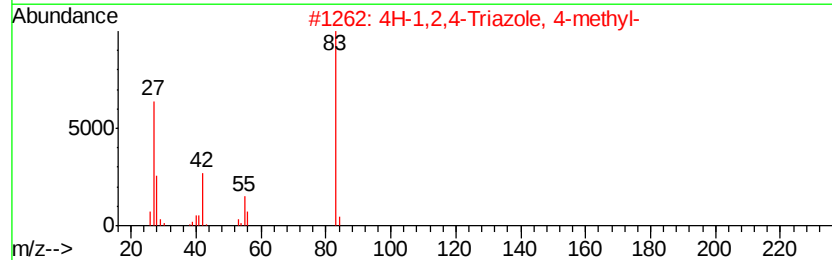
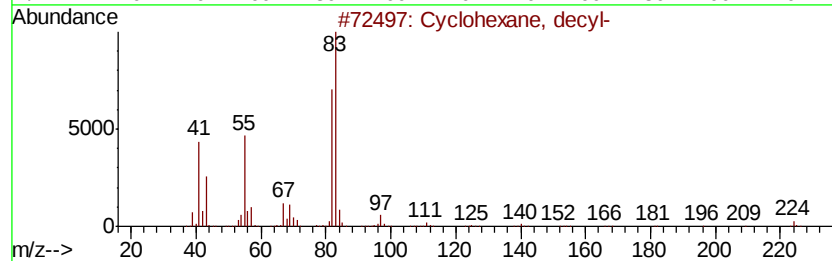
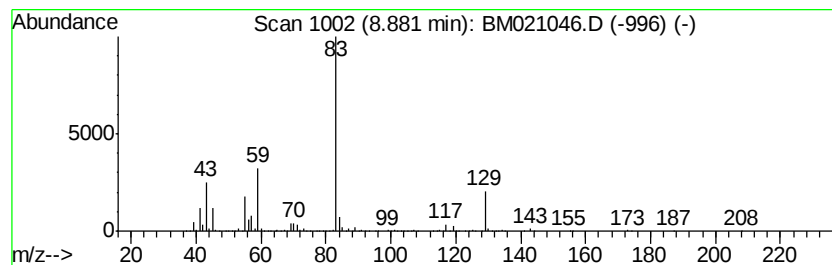
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic8.88 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	23.66 ng/ul	2417410	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, decyl-	224	C16H32	001795-16-0	25
2		4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9
3		1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9
4		3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	9
5		Cyclohexane, azido-	125	C6H11N3	019573-22-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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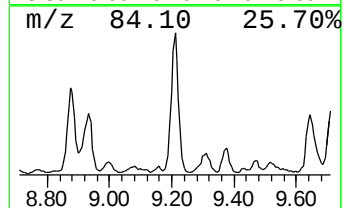
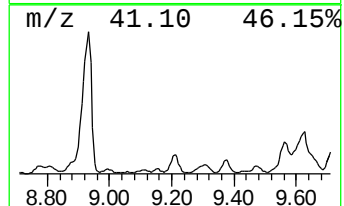
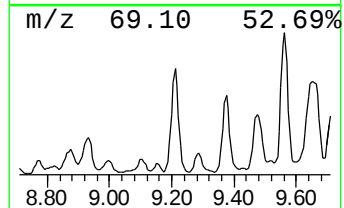
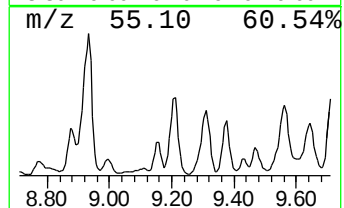
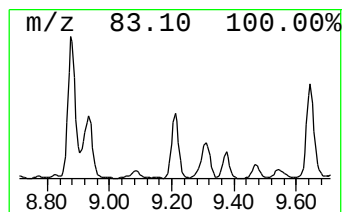
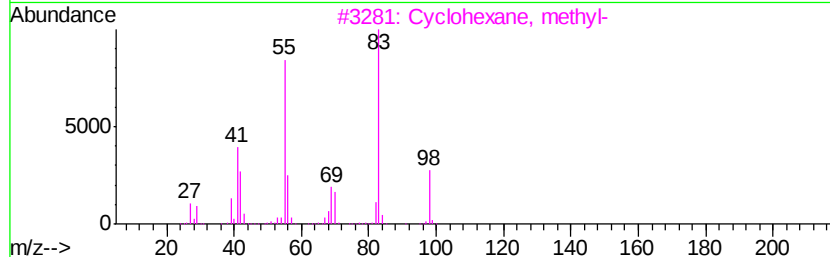
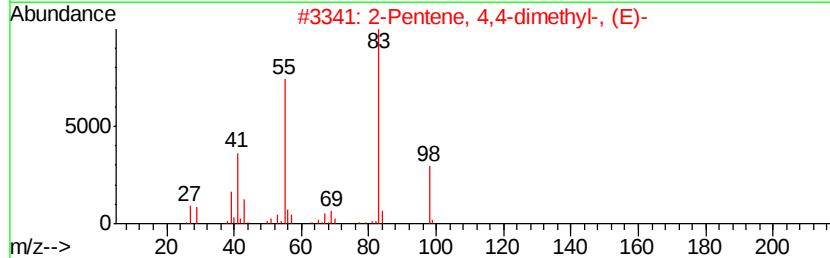
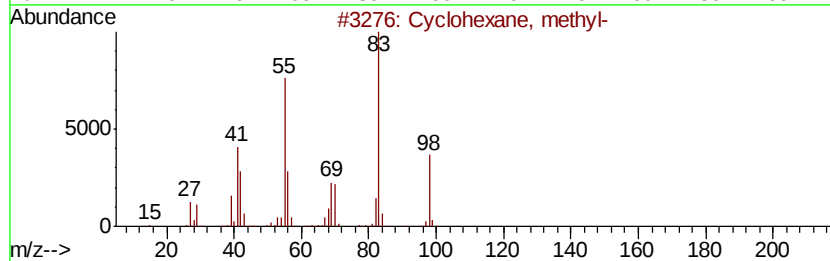
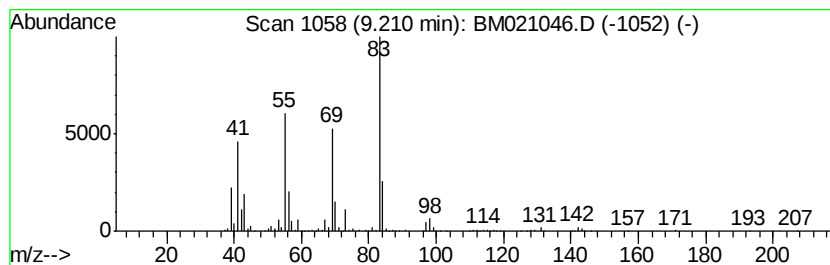
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic9.21 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	16.06 ng/ul	2562920	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	50
2		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	47
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	45
4		Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	43
5		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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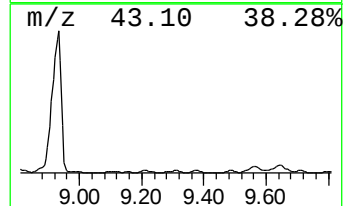
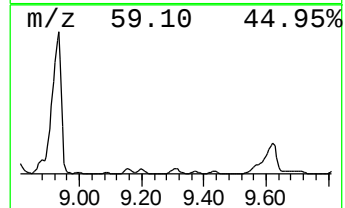
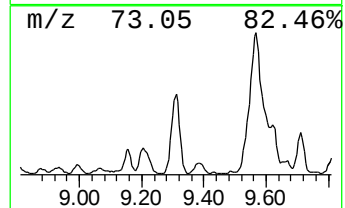
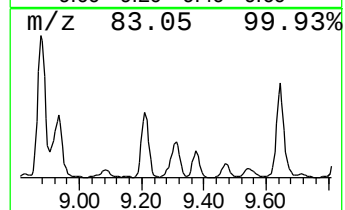
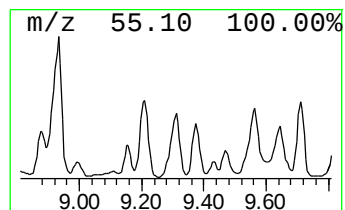
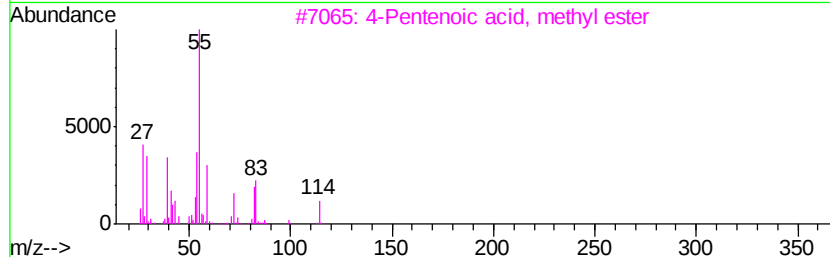
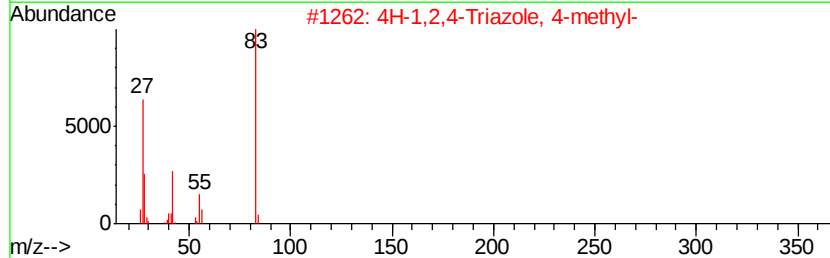
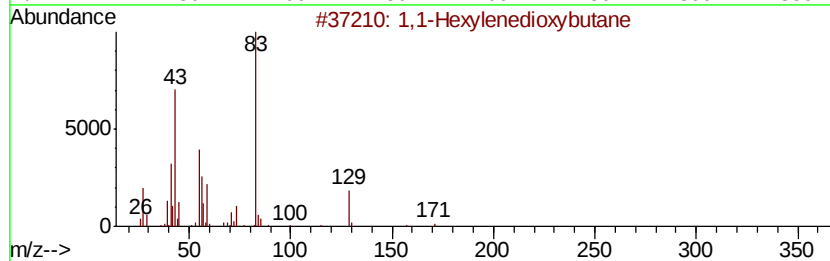
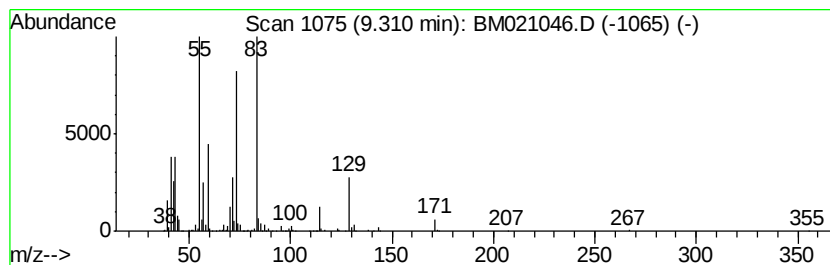
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-08 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	15.06 ng/ul	2403170	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	28
2		4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	27
3		4-Pentenoic acid, methyl ester	114	C6H10O2	000818-57-5	16
4		3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	16
5		1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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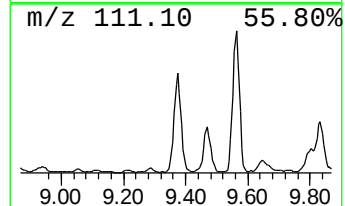
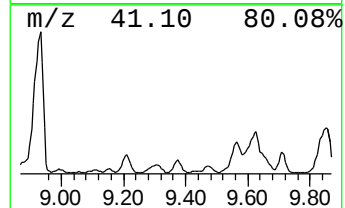
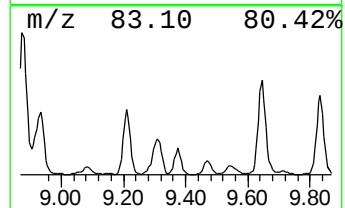
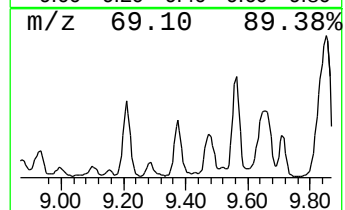
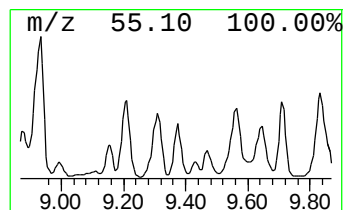
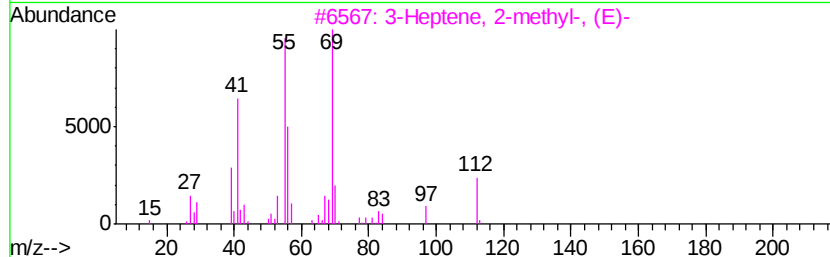
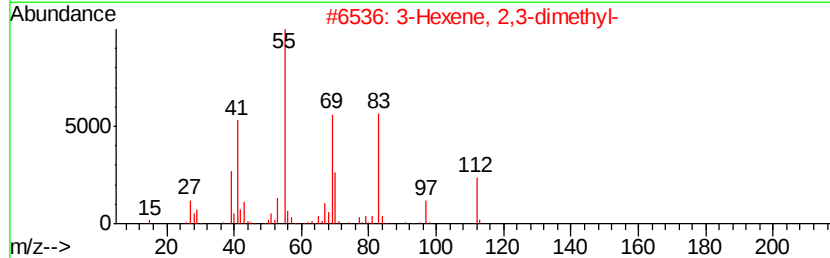
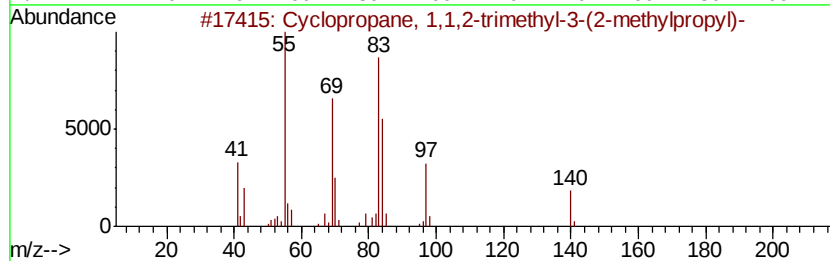
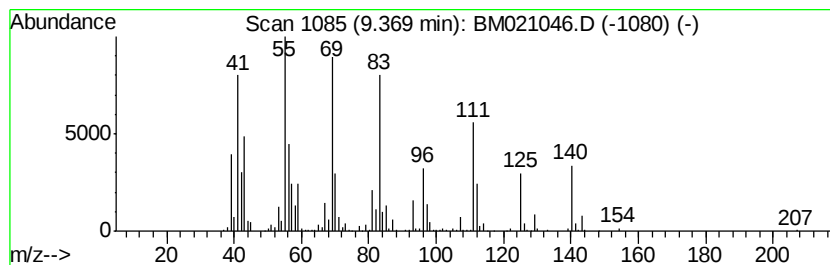
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Cyclic9.37 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	11.89 ng/ul	1896930	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	46
2		3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	45
3		3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	42
4		Cyclopentane, propyl-	112	C8H16	002040-96-2	41
5		Cyclopentaneacetic acid, ethenyl...	154	C9H14O2	045955-66-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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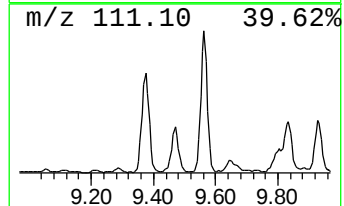
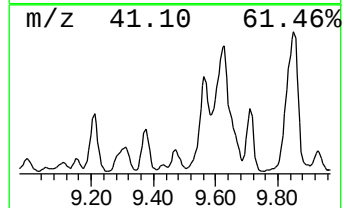
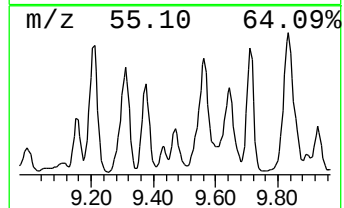
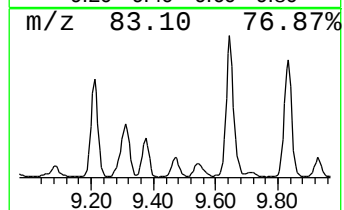
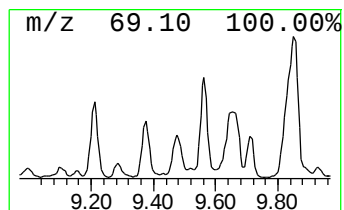
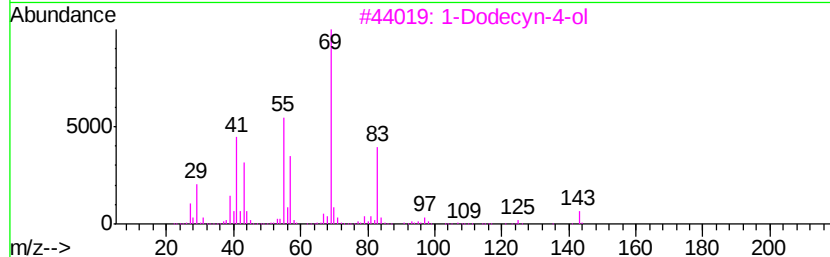
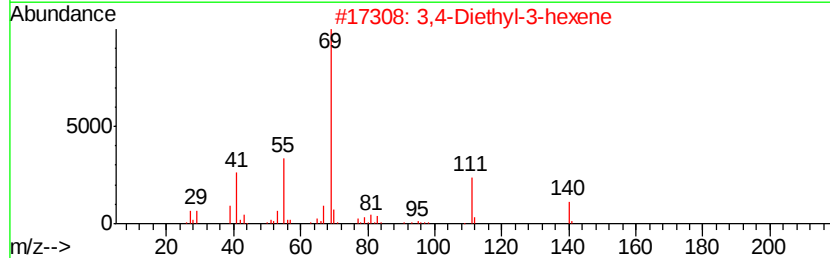
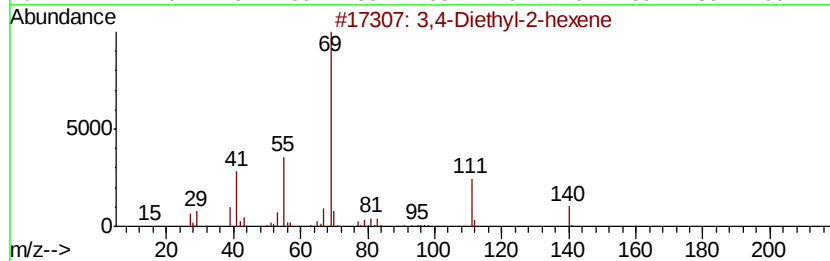
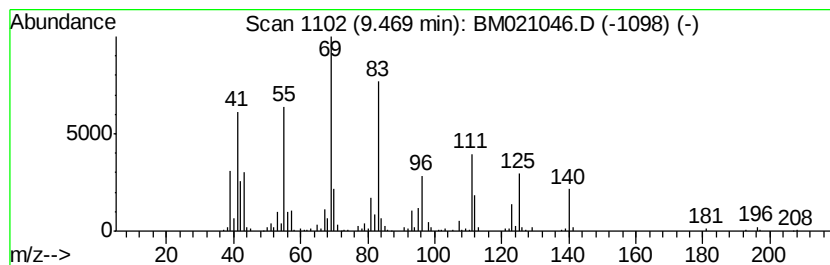
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic9.47 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	6.73 ng/ul	1073800	Napthalene-d8	10.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	43
2			3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	43
3			1-Dodecyn-4-ol	182	C12H22O	074646-36-9	38
4			4-Methyl-2-heptene	112	C8H16	003404-56-6	38
5			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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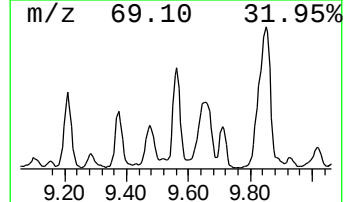
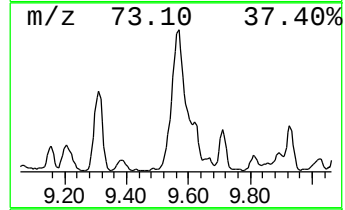
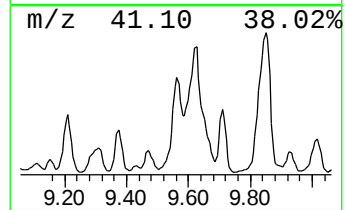
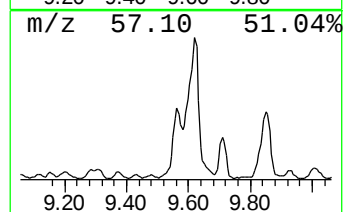
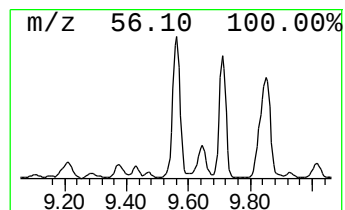
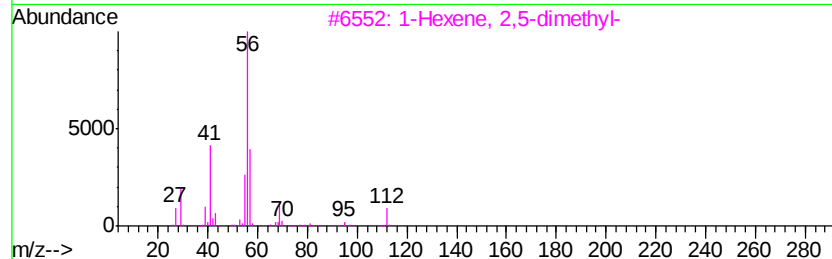
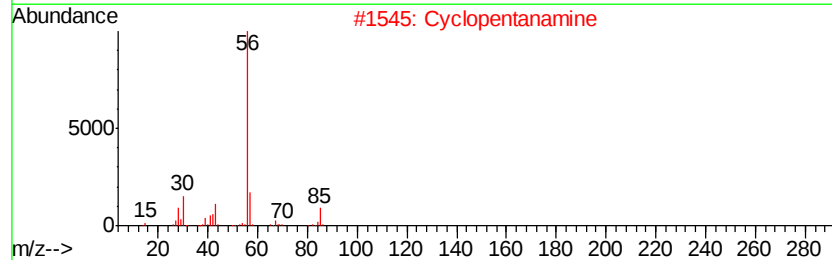
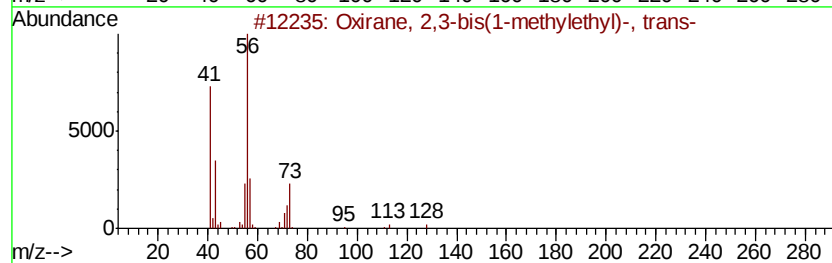
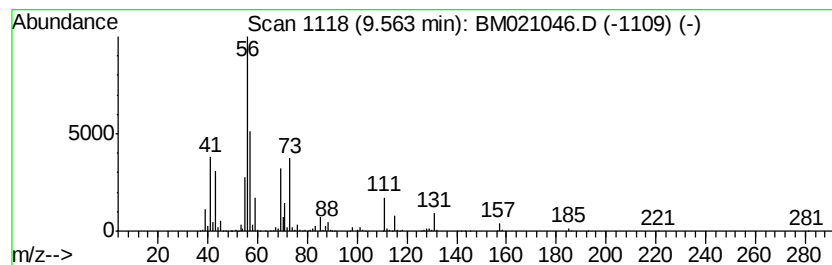
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Oxirane, 2,3-bis(1-methylet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	33.15 ng/ul	5290130	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	58
2		Cyclopentanamine	85	C5H11N	001003-03-8	37
3		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	37
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	25
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	25



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Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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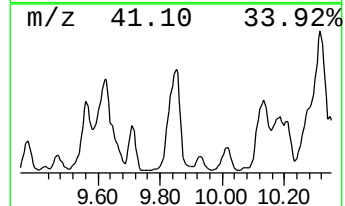
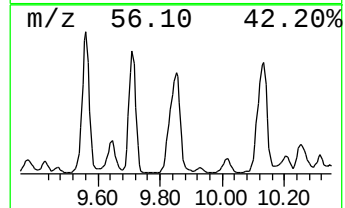
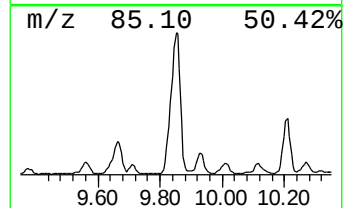
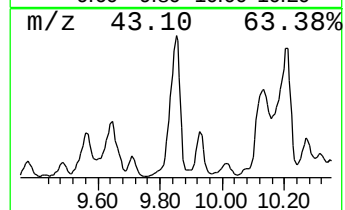
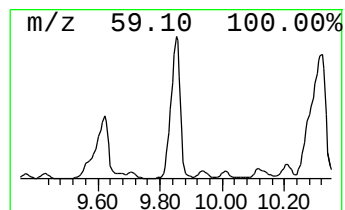
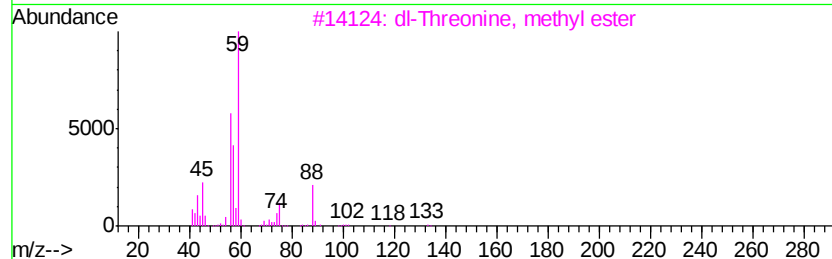
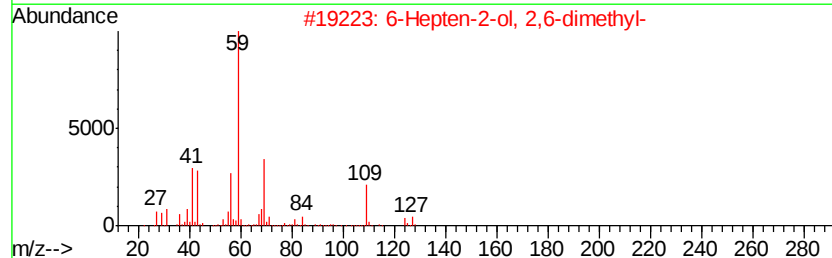
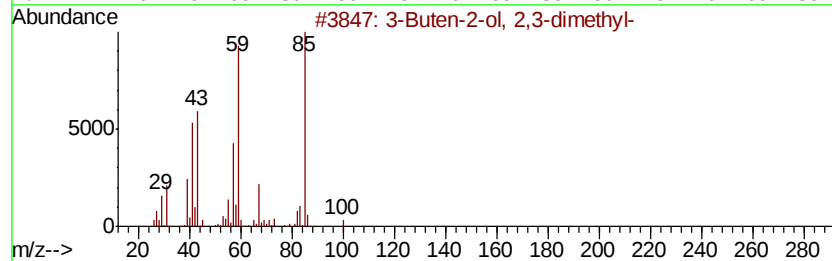
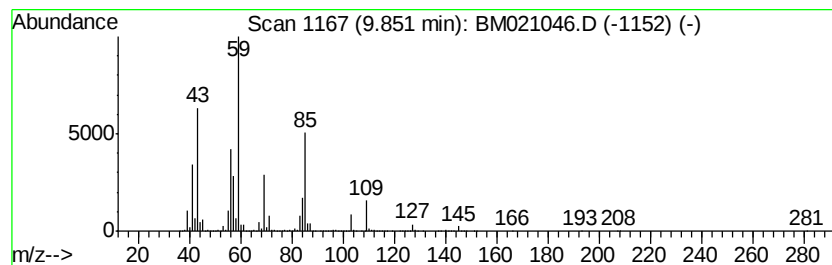
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	75.55 ng/ul	12057200	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	47
2		6-Hepten-2-ol, 2,6-dimethyl-	142	C9H18O	032779-58-1	43
3		dl-Threonine, methyl ester	133	C5H11NO3	1000130-33-2	37
4		Butanamide	87	C4H9NO	000541-35-5	30
5		2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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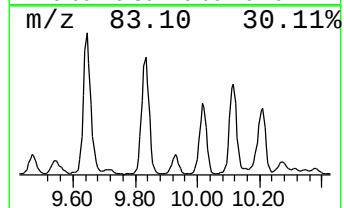
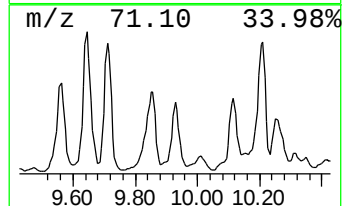
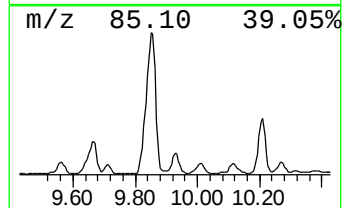
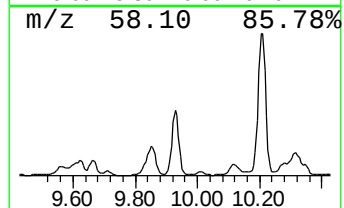
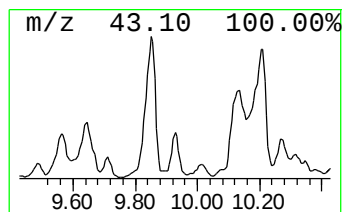
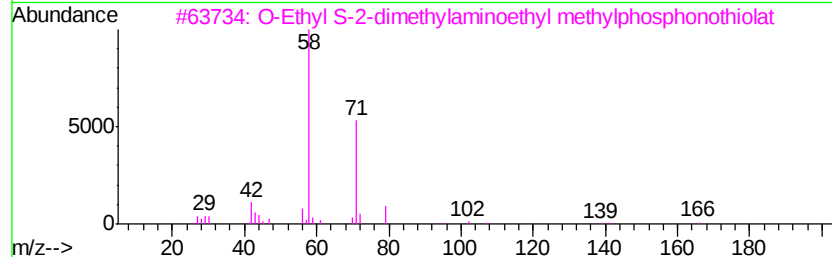
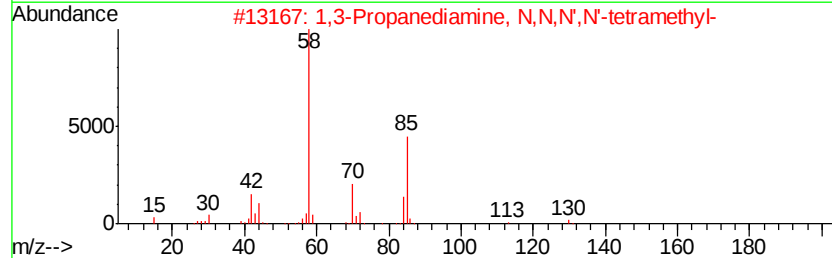
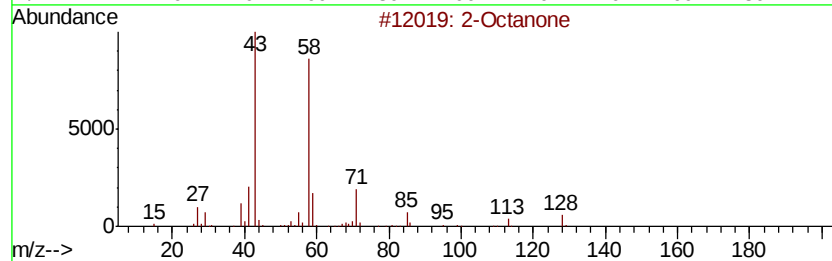
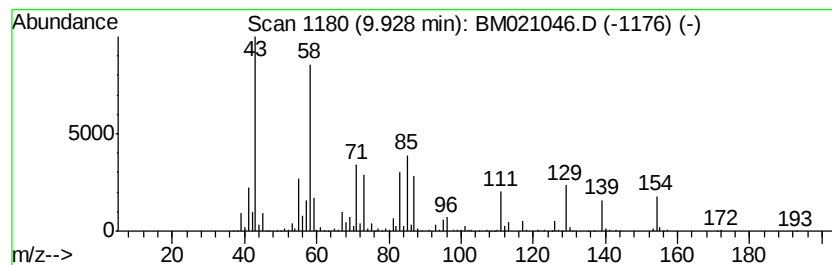
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-10 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	13.30 ng/ul	2122840	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octanone	128	C8H16O	000111-13-7	27
2		1,3-Propanediamine, N,N,N',N'-te...	130	C7H18N2	000110-95-2	25
3		O-Ethyl S-2-dimethylaminoethyl m...	211	C7H18N02PS	020820-80-8	22
4		2-(Dimethylaminoethyl) iminoamin...	147	C5H13N3S	017124-82-2	22
5		N,N-Diethylpropionamide	129	C7H15NO	001114-51-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

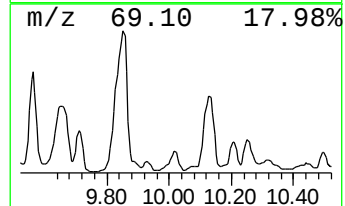
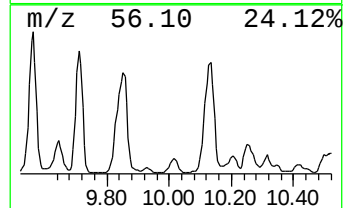
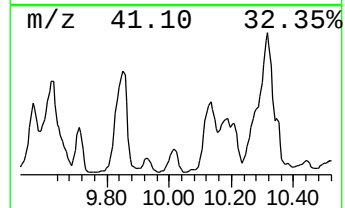
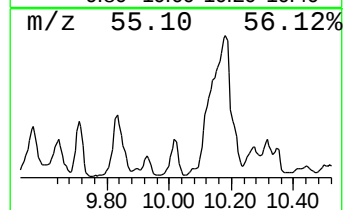
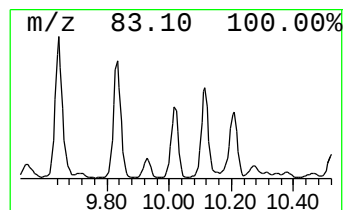
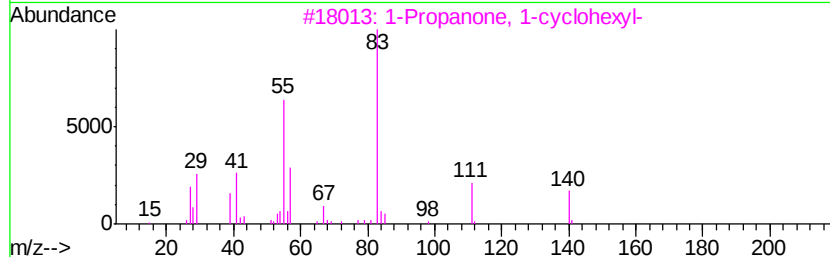
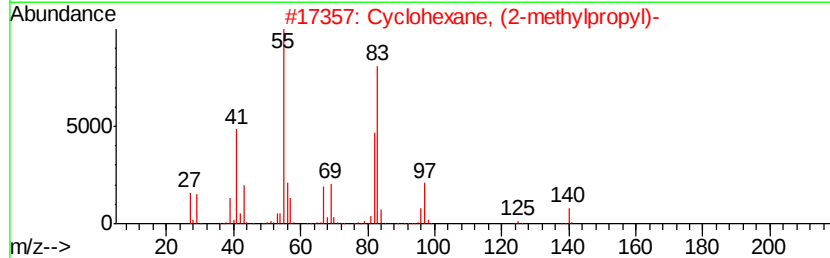
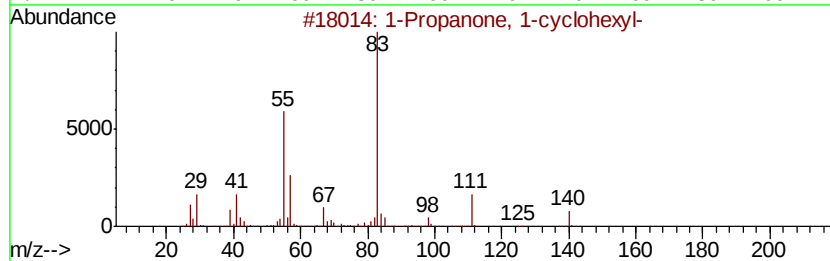
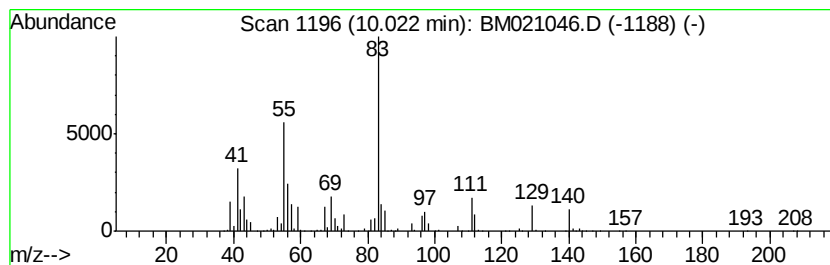
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1-Propanone, 1-cyclohexyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	13.79 ng/ul	2200980	Napthalene-d8	10.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Propanone, 1-cvclohexvl-	140 C9H16O	001123-86-0	52
2	Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4	49
3	1-Propanone, 1-cvclohexvl-	140 C9H16O	001123-86-0	47
4	Cyclohexanone, 3,3,5-trimethyl-	140 C9H16O	000873-94-9	47
5	Benzene, 2-chloro-1,4-bis(cycloh...	364 C20H25ClO4	294874-04-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
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Instrument :
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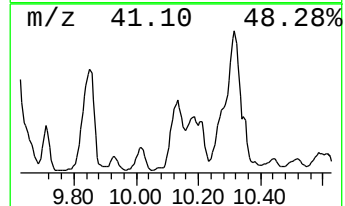
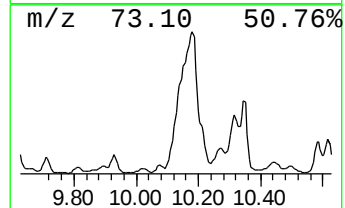
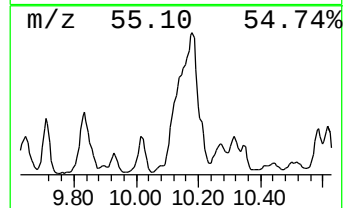
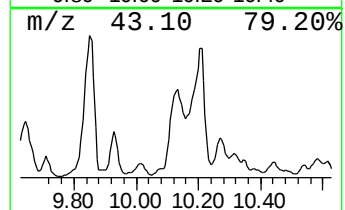
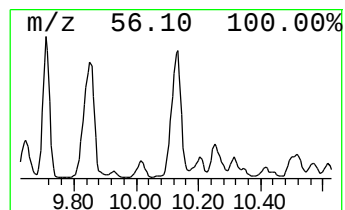
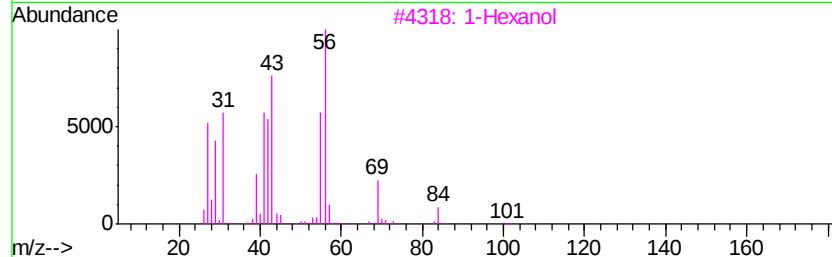
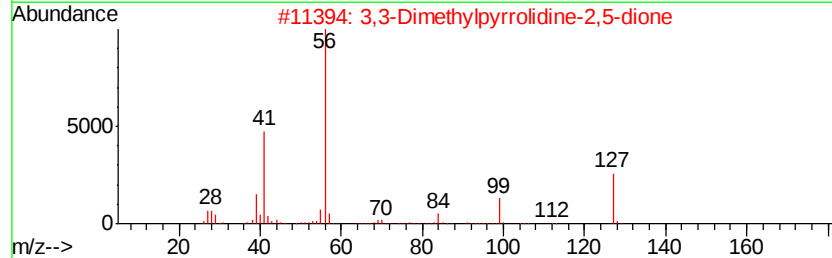
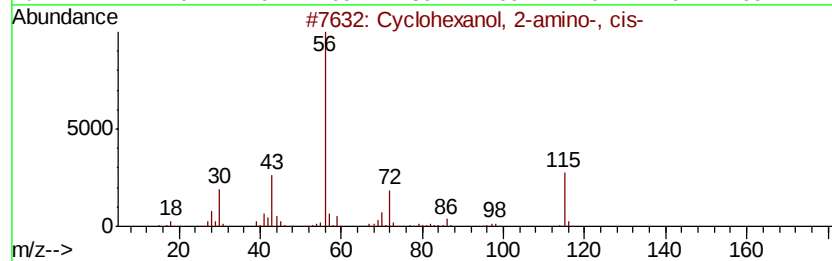
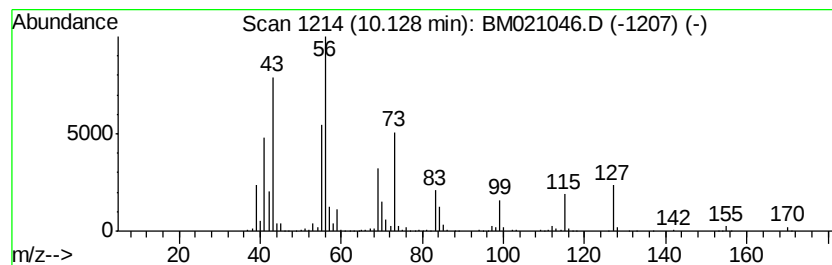
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Cyclohexanol, 2-amino-, cis- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	44.68 ng/ul	7131120	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 2-amino-, cis-	115	C6H13NO	000931-15-7	53
2		3,3-Dimethylpyrrolidine-2,5-dione	127	C6H9NO2	003437-29-4	53
3		1-Hexanol	102	C6H14O	000111-27-3	47
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	43
5		1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
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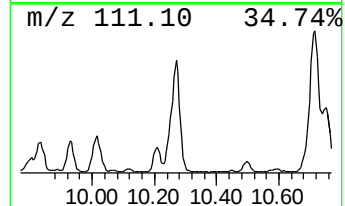
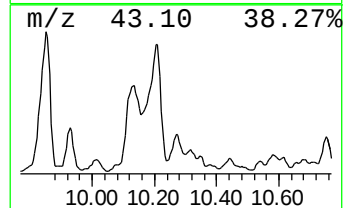
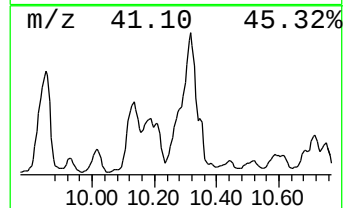
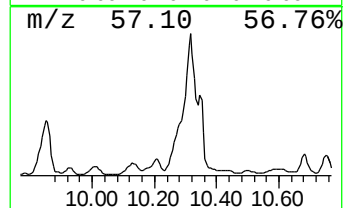
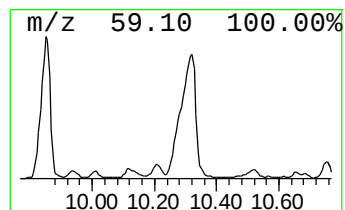
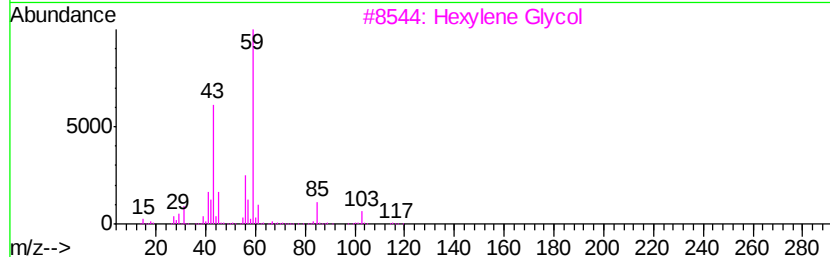
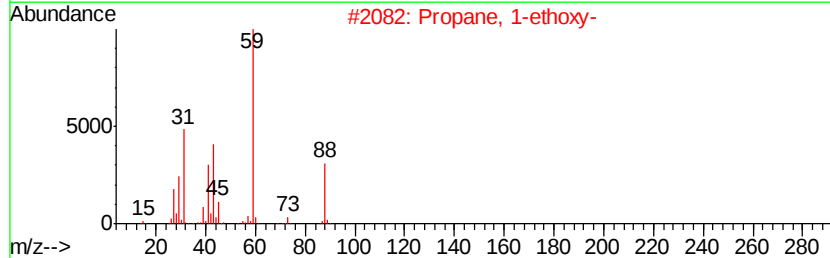
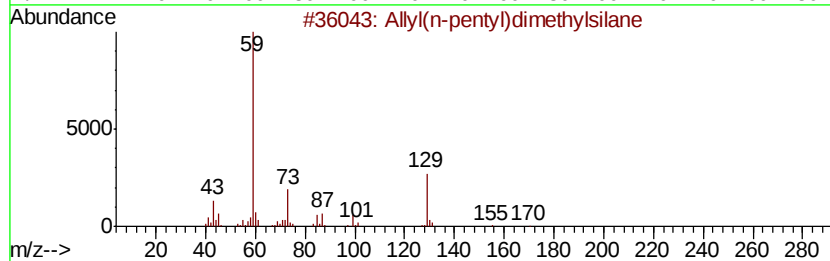
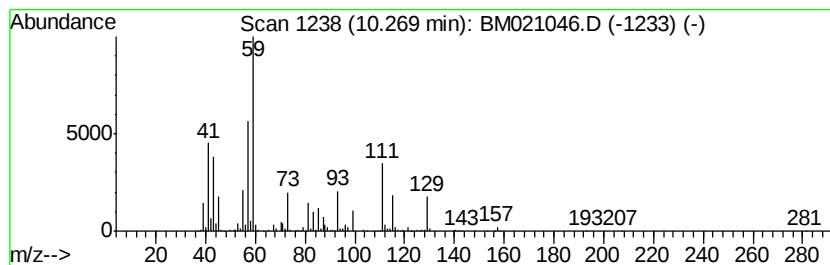
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-11 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	18.84 ng/ul	3007190	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Allvl(n-pentvl)dimethylsilane	170	C10H22Si	136935-68-7	38
2		Propane, 1-ethoxy-	88	C5H12O	000628-32-0	38
3		Hexylene Glycol	118	C6H14O2	000107-41-5	38
4		2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	38
5		Butane, 2-methoxy-	88	C5H12O	006795-87-5	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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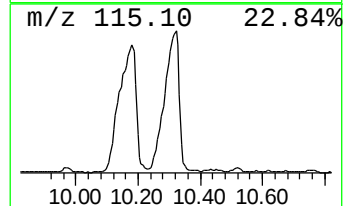
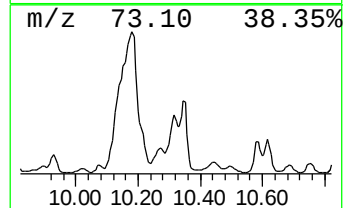
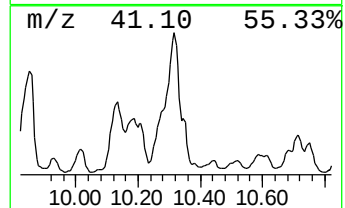
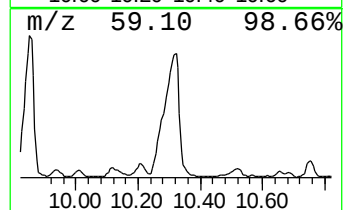
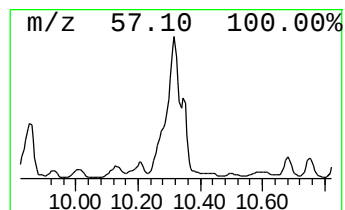
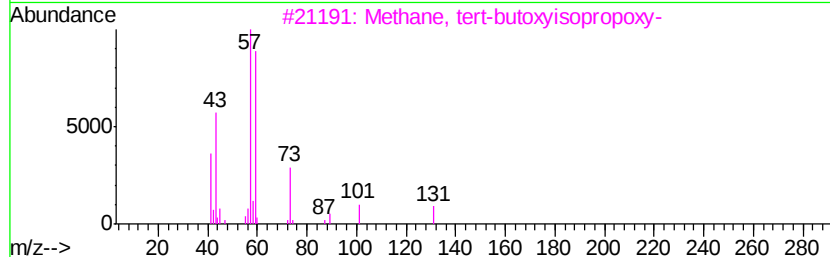
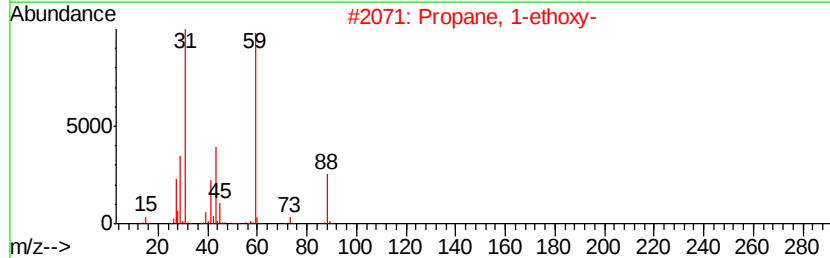
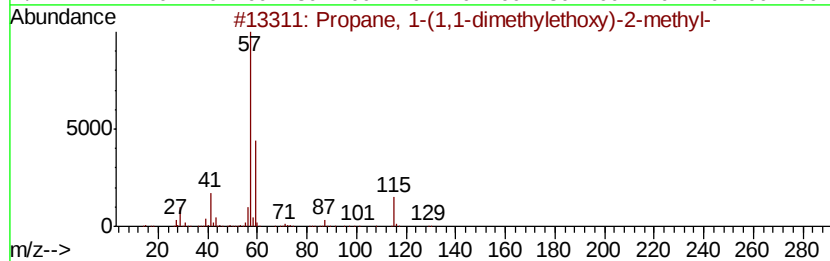
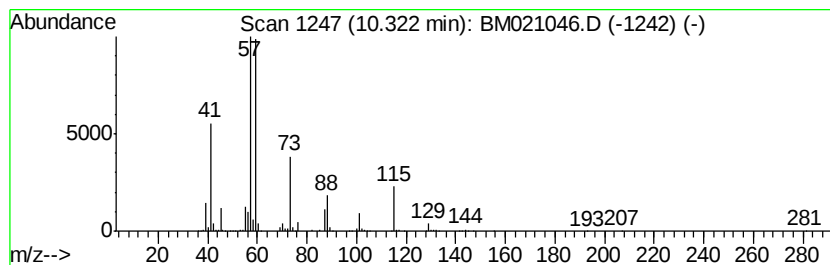
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	22.43 ng/ul	3579770	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1-(1,1-dimethylethoxy)-...	130	C8H18O	033021-02-2	43
2		Propane, 1-ethoxy-	88	C5H12O	000628-32-0	43
3		Methane, tert-butoxyisopropoxy-	146	C8H18O2	004346-01-4	40
4		Hydrazine, 2-ethyl-1,1-dimethyl-	88	C4H12N2	029559-82-8	38
5		Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
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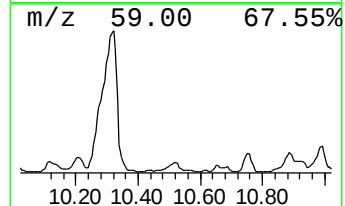
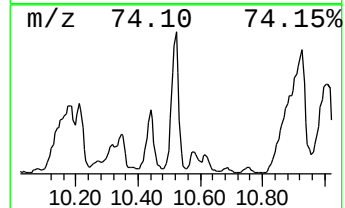
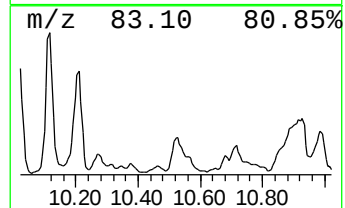
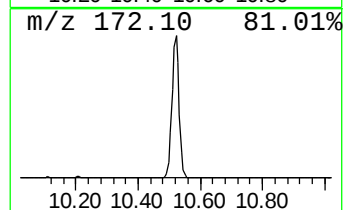
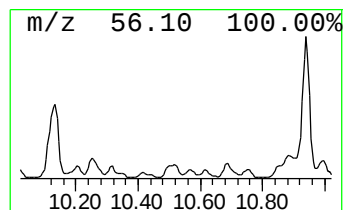
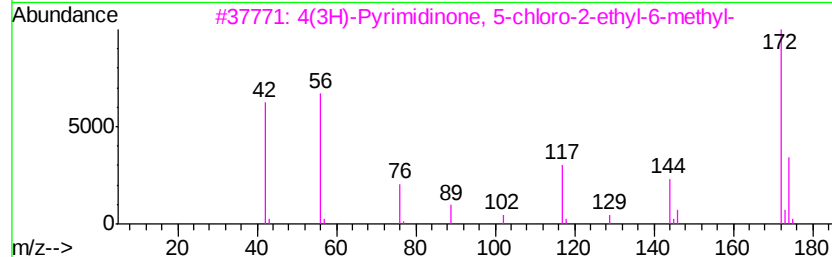
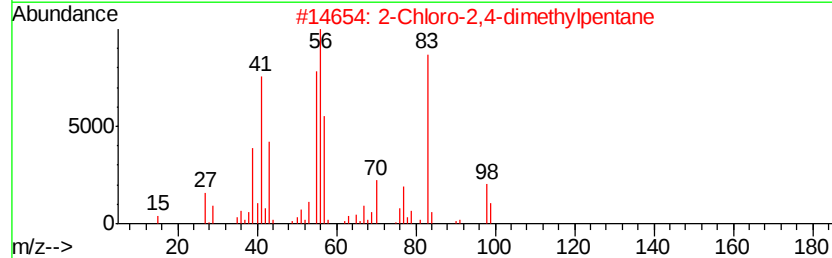
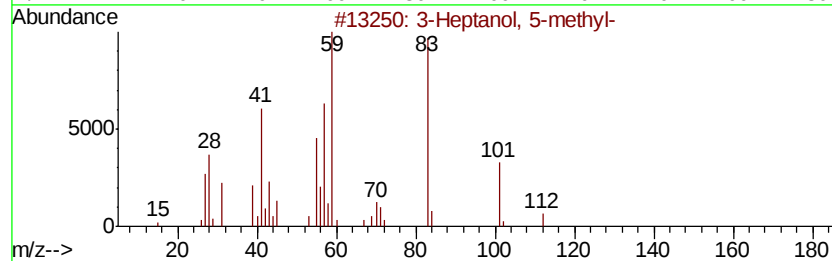
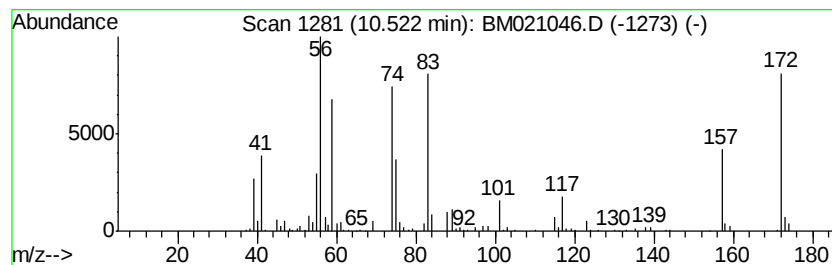
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-13 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	6.55 ng/ul	1045490	Naphthalene-d8	10.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	14
2			2-Chloro-2,4-dimethylpentane	134	C7H15Cl	035951-33-8	10
3			4(3H)-Pyrimidinone, 5-chloro-2-e...	172	C7H9ClN2O	020551-33-1	10
4			Succinamic acid	117	C4H7NO3	000638-32-4	10
5			2-Ethylthiolane, S,S-dioxide	148	C6H12O2S	010178-59-3	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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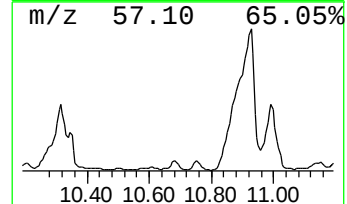
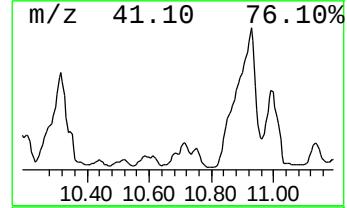
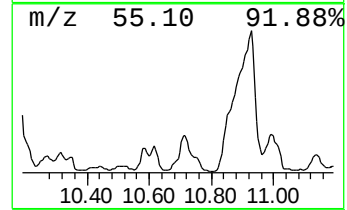
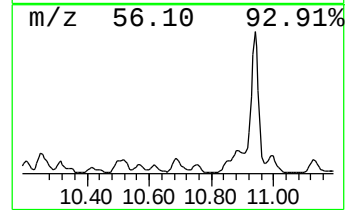
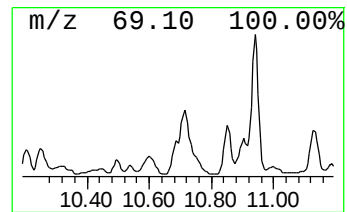
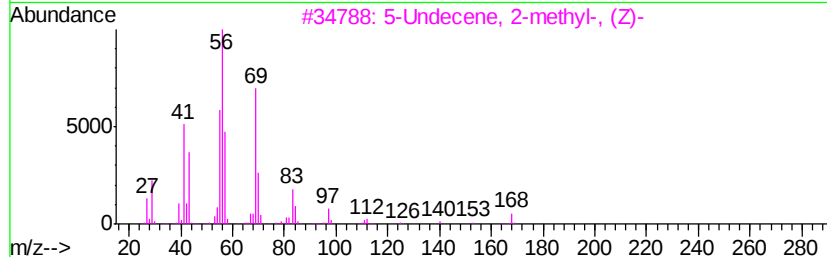
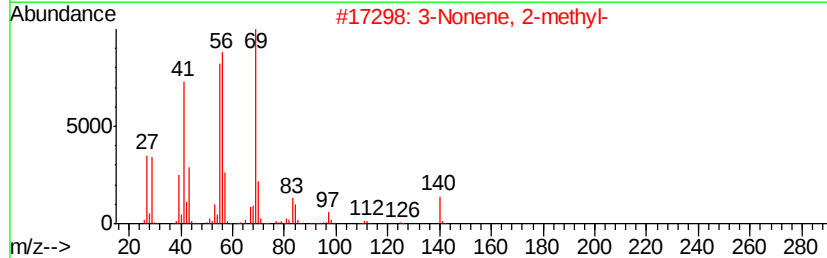
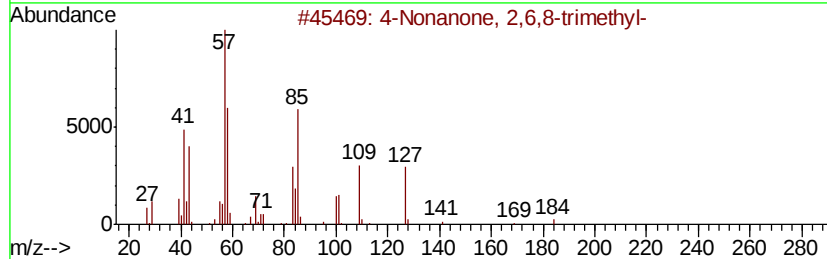
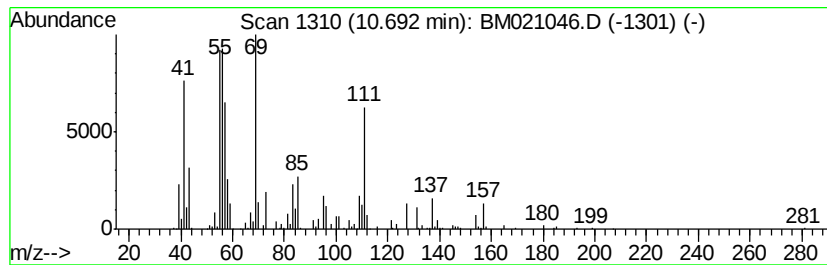
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-14 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	6.45 ng/ul	1030150	Naphthalene-d8	10.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonanone, 2,6,8-trimethyl-			184	C12H24O	000123-18-2	38
2	3-Nonene, 2-methyl-			140	C10H20	053966-53-3	35
3	5-Undecene, 2-methyl-, (Z)-			168	C12H24	074630-63-0	35
4	3-Undecene, 2-methyl-, (E)-			168	C12H24	074630-51-6	35
5	Ethyl trans-3-isopropyl-2-oxiran...			158	C8H14O3	052945-84-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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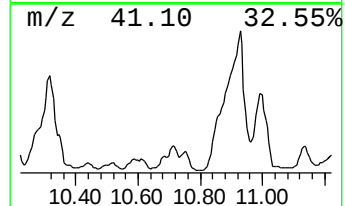
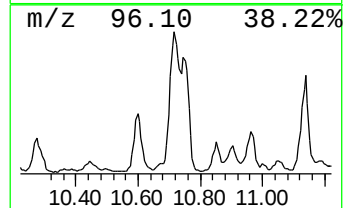
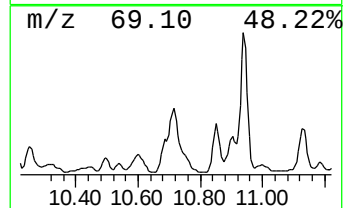
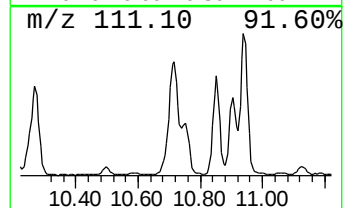
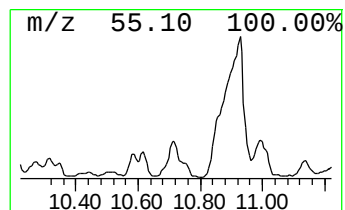
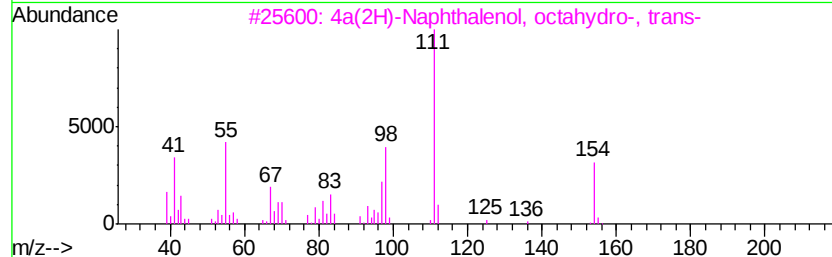
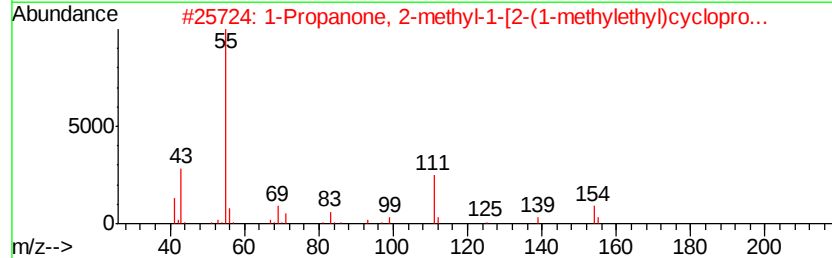
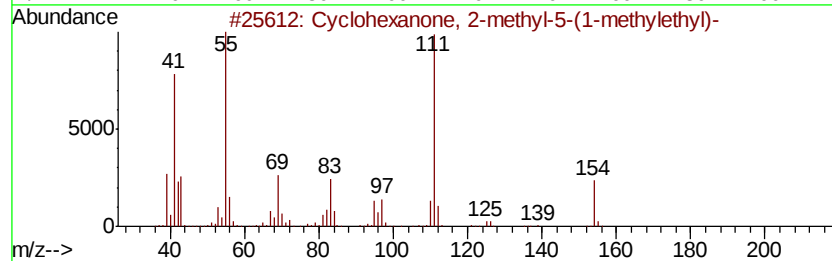
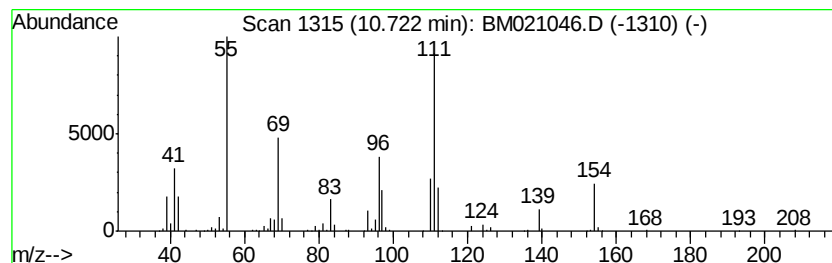
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Cyclohexanone, 2-methyl-5-(... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	11.08 ng/ul	1767680	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	68
2		1-Propanone, 2-methyl-1-[2-(1-me...	154	C10H18O	056259-15-5	53
3		4a(2H)-Naphthalenol, octahydro-,...	154	C10H18O	001654-87-1	49
4		Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	47
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
 Data File : BM021046.D
 Acq On : 19 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3213-10
 Misc :
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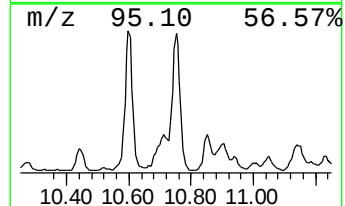
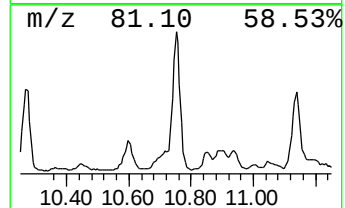
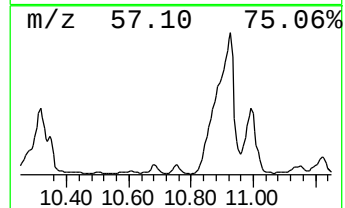
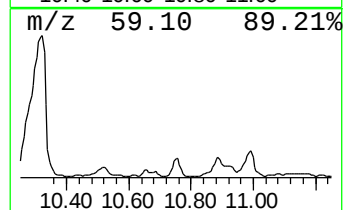
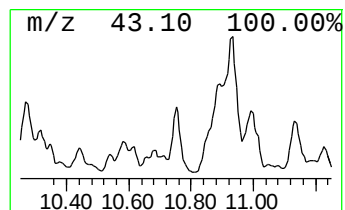
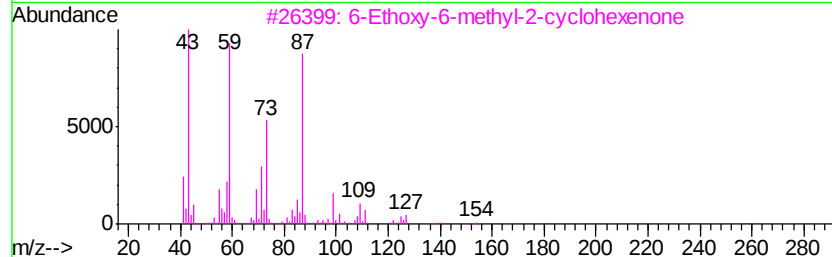
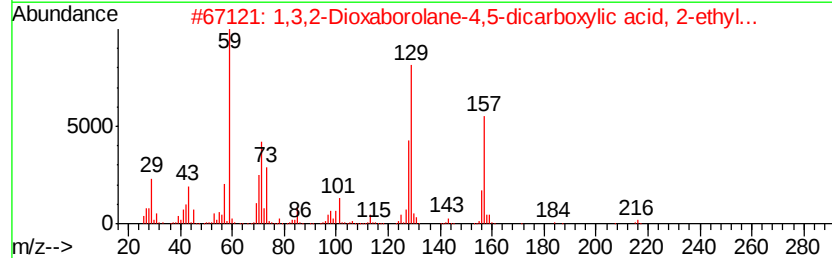
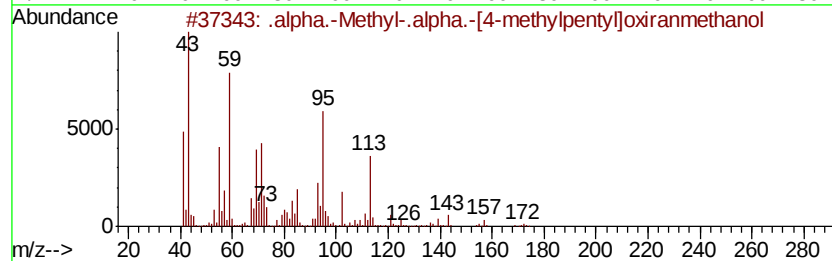
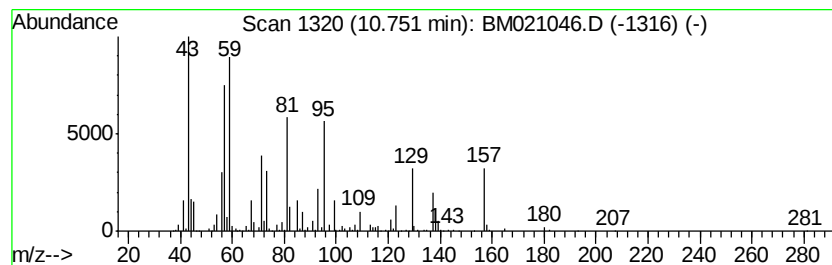
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 26 unknown-15 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	18.26 ng/ul	2914580	Napthalene-d8	10.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.alpha.-Methyl-.alpha.-[4-methyl...	172 C10H20O2	107358-56-5 38
2		1,3,2-Dioxaborolane-4,5-dicarbox...	216 C8H13B06	093957-98-3 38
3		6-Ethoxy-6-methyl-2-cyclohexenone	154 C9H14O2	1000132-02-5 32
4		Octanal, 7-hydroxy-3,7-dimethyl-	172 C10H20O2	000107-75-5 25
5		1,4-Di-O-acetyl-2,5-di-O-methyl-...	262 C12H22O6	1000101-82-1 12



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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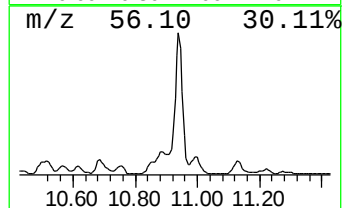
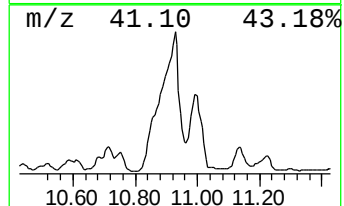
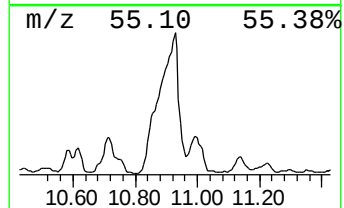
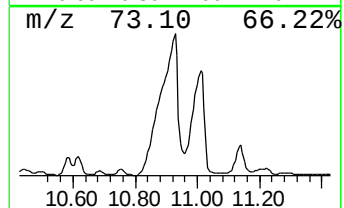
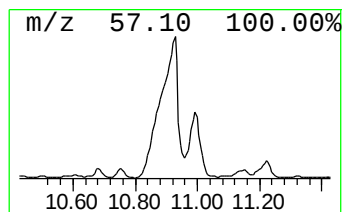
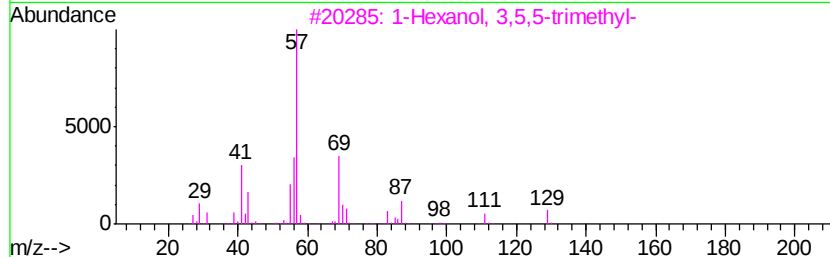
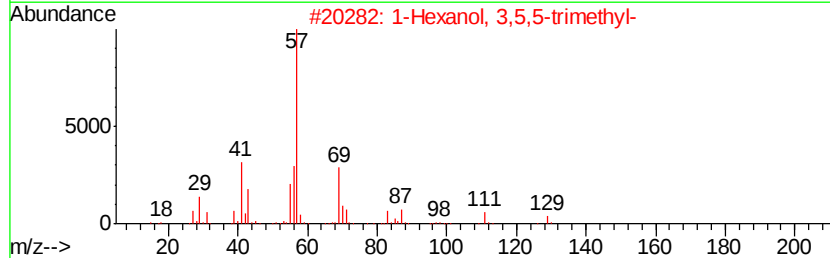
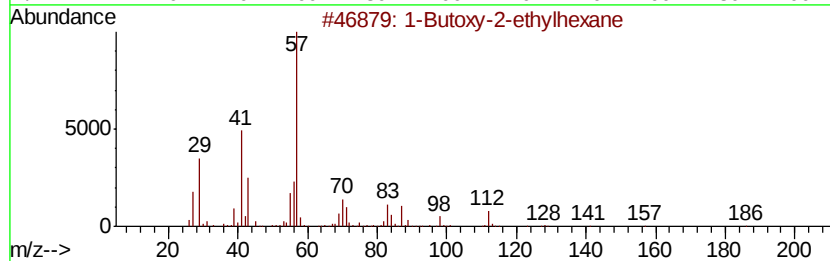
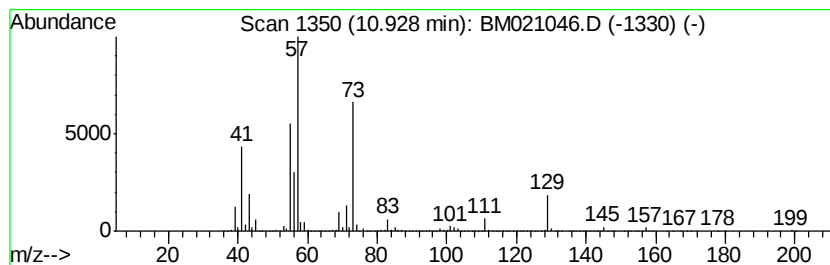
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-16 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	182.20 ng/ul	29077900	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	43
2		1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	40
3		1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	38
4		Oxirane, 2,2'-[oxybis(methylene)]...	130	C6H10O3	002238-07-5	38
5		Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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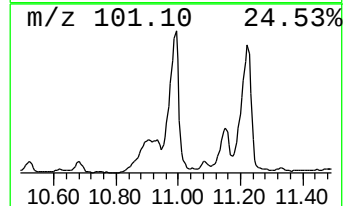
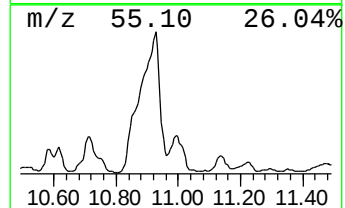
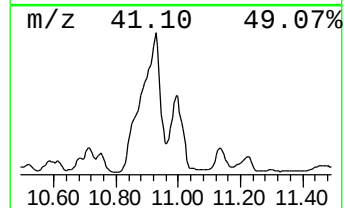
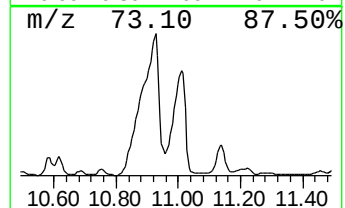
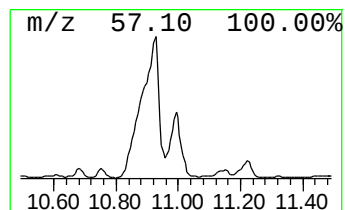
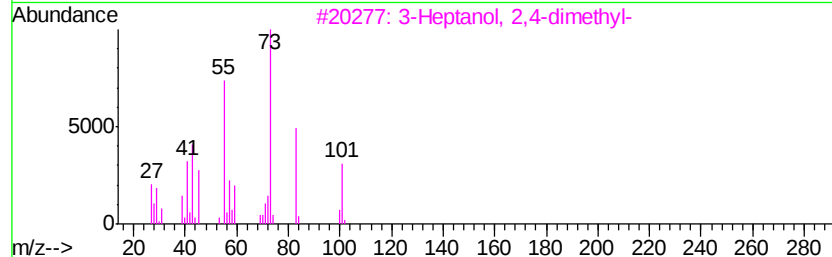
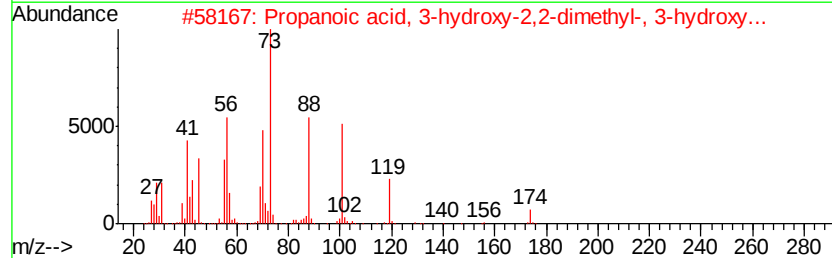
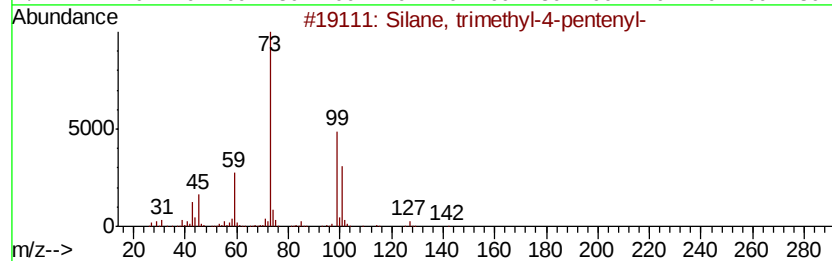
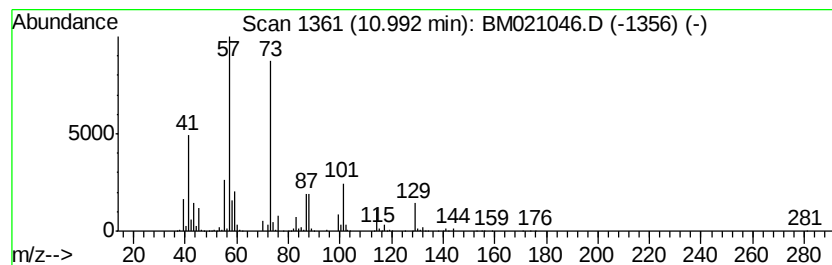
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 unknown-17 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	53.83 ng/ul	8590920	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trimethyl-4-penteny-	142	C8H18Si	000763-21-3	25
2		Propanoic acid, 3-hydroxy-2,2-di...	204	C10H20O4	001115-20-4	17
3		3-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-72-5	16
4		3,4-Epoxyhexanoic acid, ethyl ester	158	C8H14O3	061454-92-0	14
5		3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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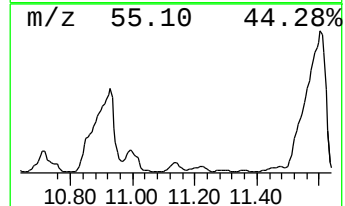
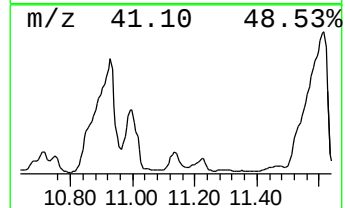
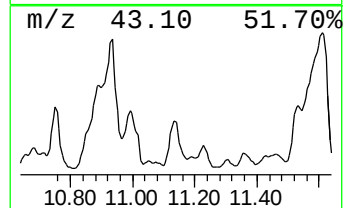
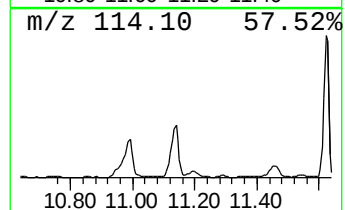
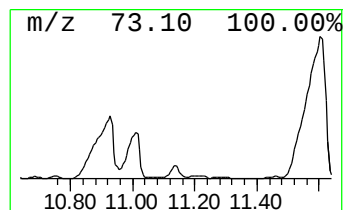
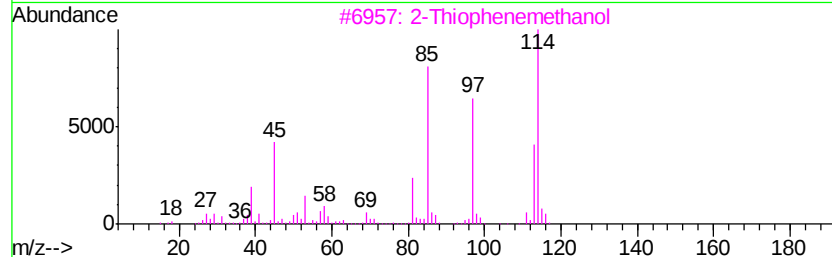
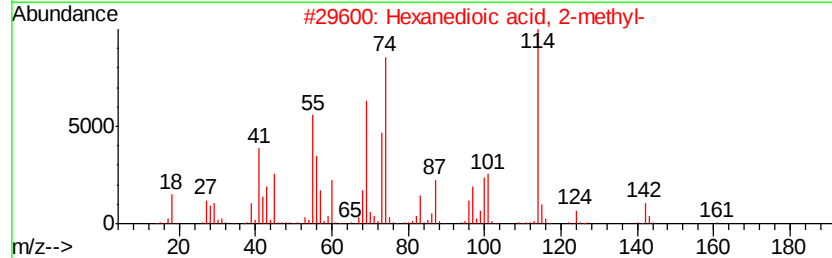
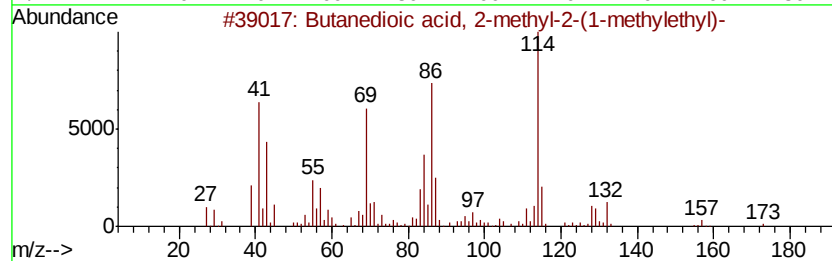
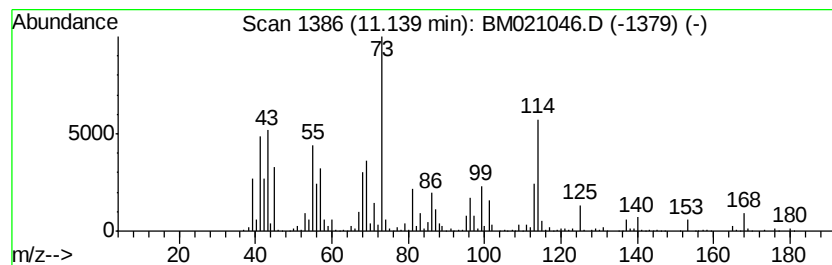
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-18 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	22.75 ng/ul	3630190	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanedioic acid, 2-methyl-2-(1-...	174	C8H14O4	005703-04-8	35
2		Hexanedioic acid, 2-methyl-	160	C7H12O4	000626-70-0	32
3		2-Thiophenemethanol	114	C5H6OS	000636-72-6	25
4		2-Thiophenemethanol	114	C5H6OS	000636-72-6	18
5		(+)-2-(Diethylamino)butyl acetate	187	C10H21NO2	1000240-85-4	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
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Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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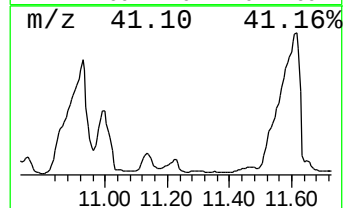
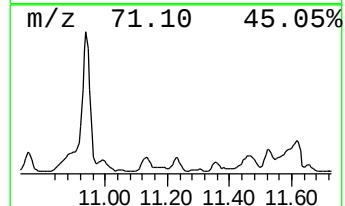
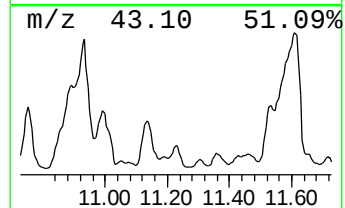
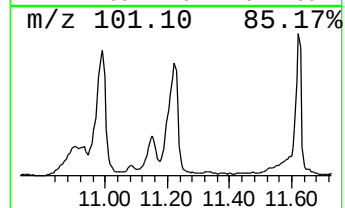
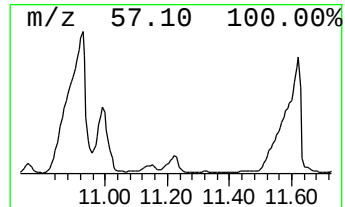
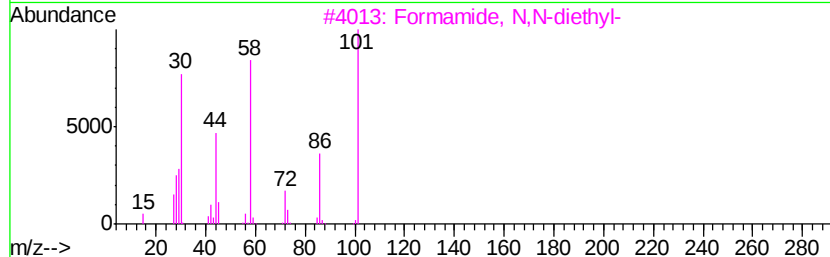
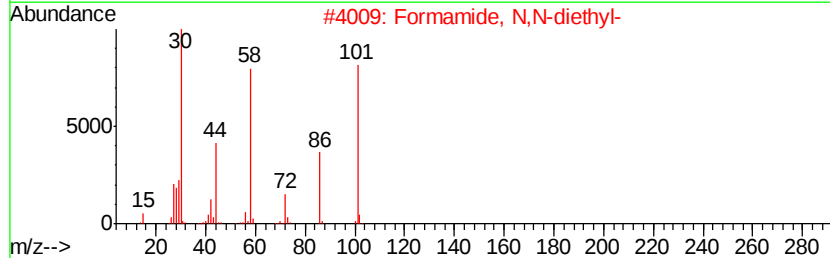
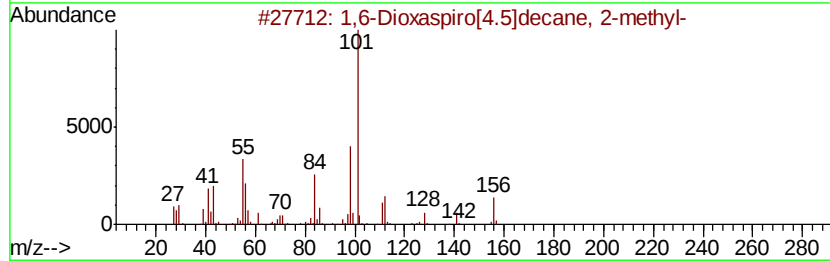
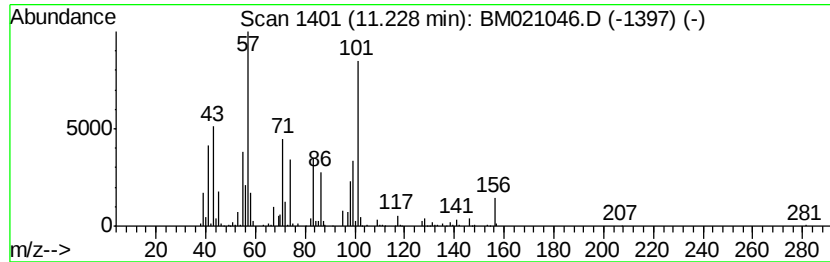
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-19 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	10.29 ng/ul	1642970	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,6-Dioxaspiro[4.5]decane, 2-met...	156	C9H16O2	073046-14-7	35
2		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	27
3		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	27
4		Butanoic acid, 3,3-dimethyl-2-(1...	172	C10H20O2	054461-01-7	25
5		Pentane, 1,1,1,5-tetrachloro-	208	C5H8Cl4	002467-10-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DB8K0

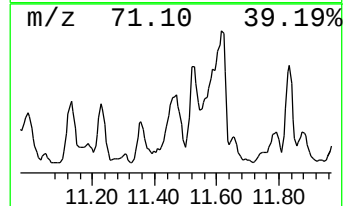
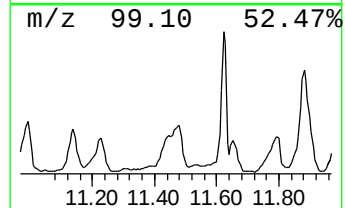
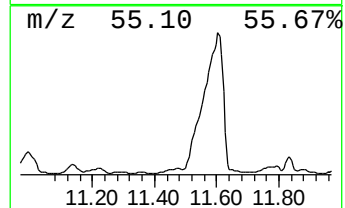
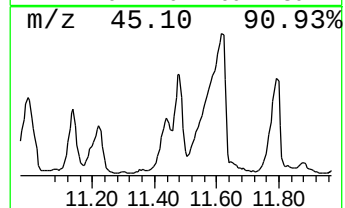
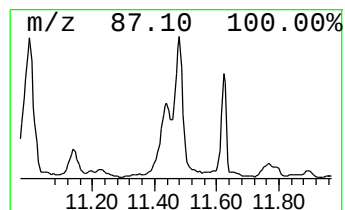
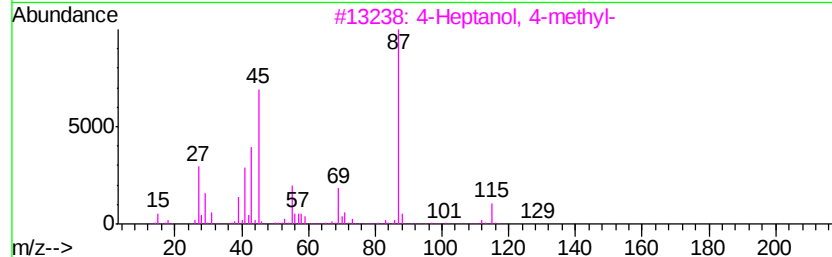
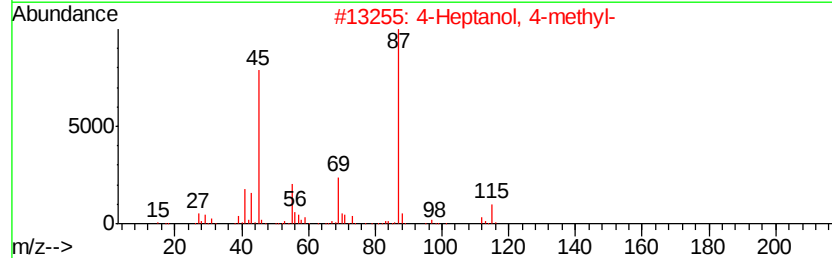
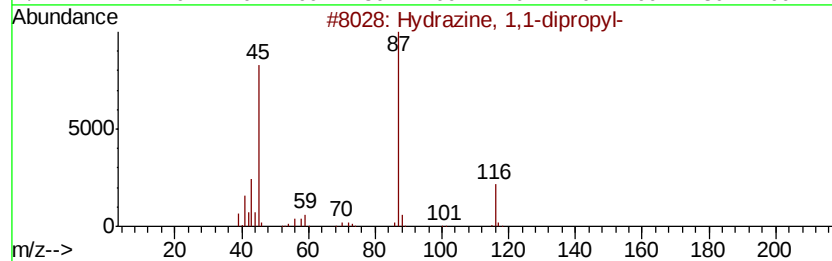
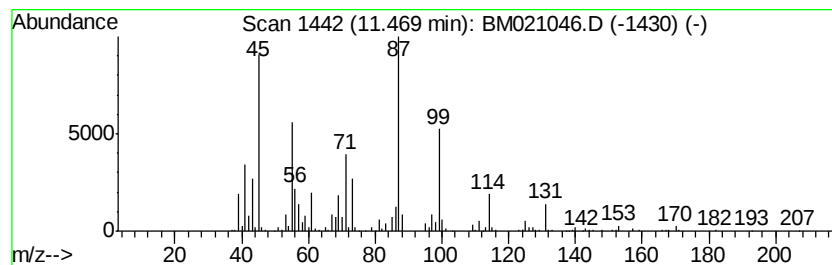
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-20 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	13.19 ng/ul	2105080	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	47
2		4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	47
3		4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	47
4		3-Pentanol, 3-ethyl-	116	C7H16O	000597-49-9	43
5		3-Pentanol, 3-ethyl-	116	C7H16O	000597-49-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8K0

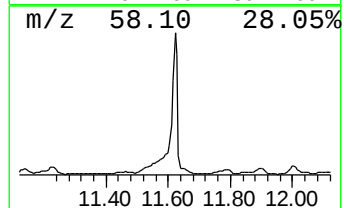
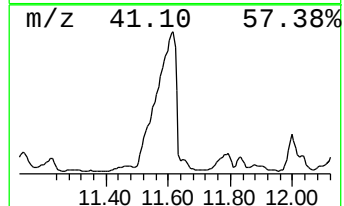
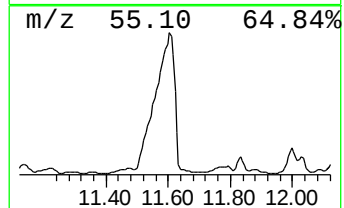
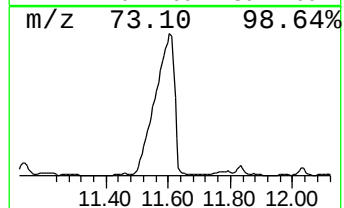
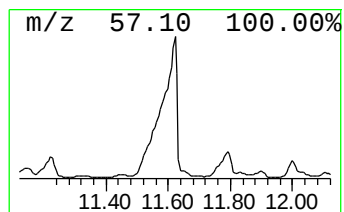
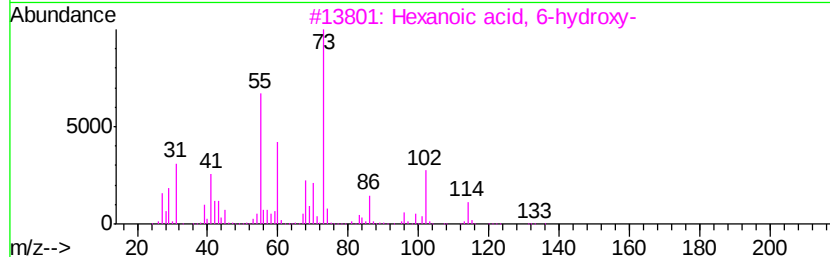
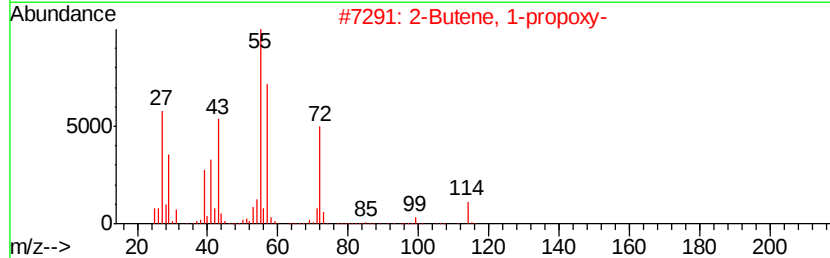
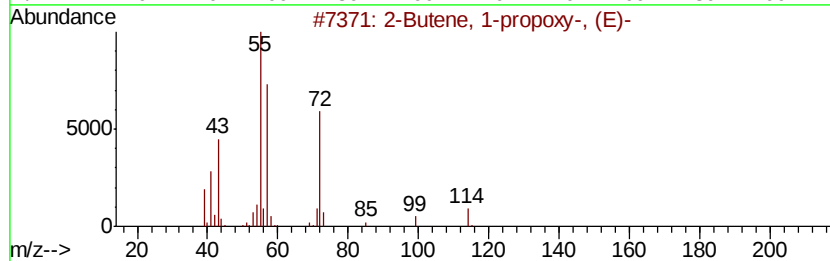
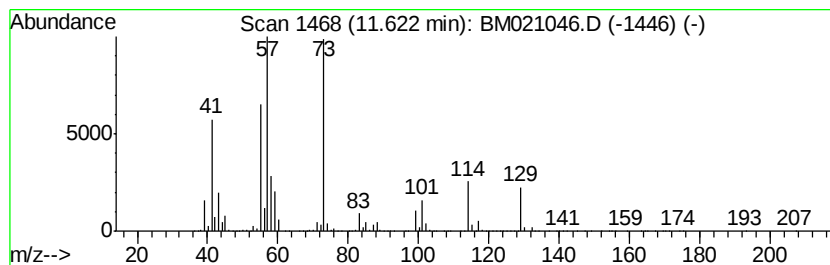
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 unknown-21 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	218.21 ng/ul	34825000	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-propoxy-, (E)-	114	C7H14O	056052-71-2	27	
2	2-Butene, 1-propoxy-	114	C7H14O	018409-01-3	27	
3	Hexanoic acid, 6-hydroxy-	132	C6H12O3	001191-25-9	23	
4	Morpholine, 4-acetyl-	129	C6H11NO2	001696-20-4	17	
5	3-t-Butyloxaziridine	101	C5H11NO	1000195-05-2	14	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8K0

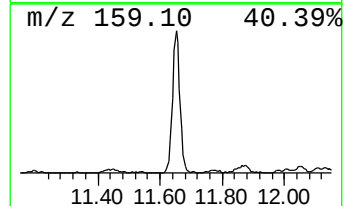
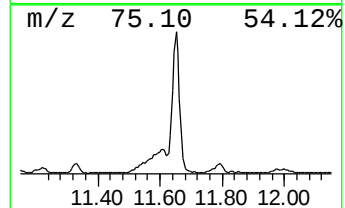
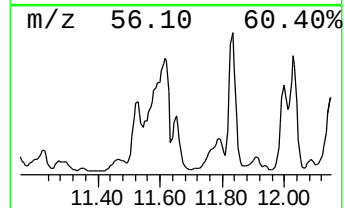
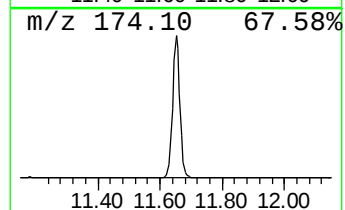
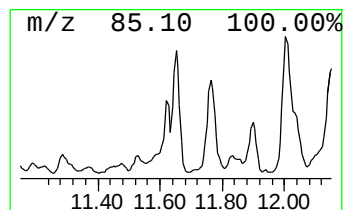
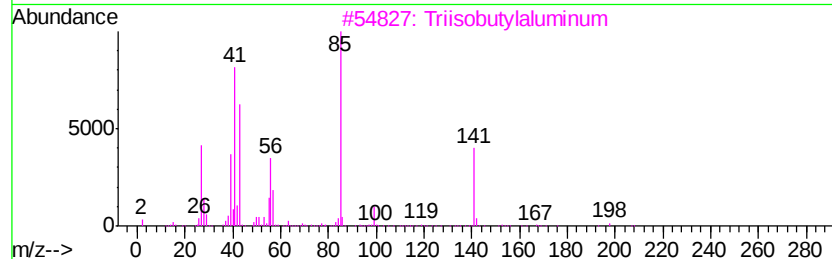
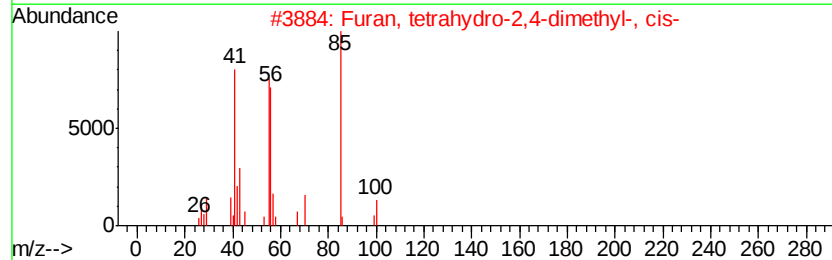
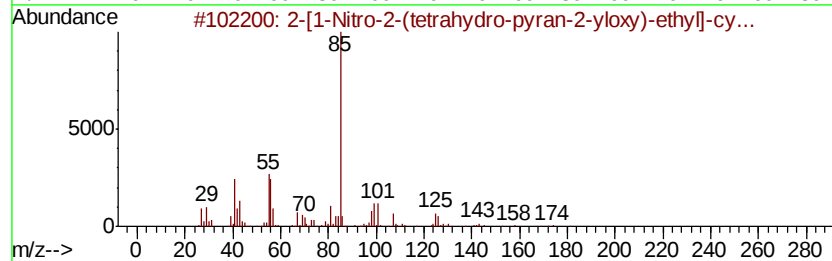
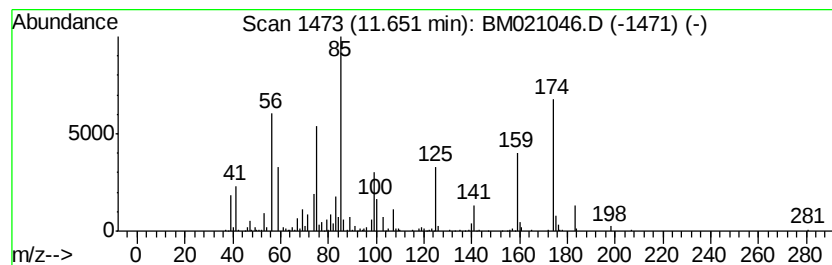
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 unknown-22 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	8.58 ng/ul	1368870	Naphthalene-d8	10.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	-[1-Nitro-2-(tetrahydro-pyran-2...	273	C13H23NO5	1000190-43-2	22	
2	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	14		
3	Triisobutylaluminum	198	C12H27Al	000100-99-2	12		
4	Pyrazole, 5-(4-methoxyphenyl)-	174	C10H10N2O	1000157-86-0	11		
5	2-Pentanone, 3-(phenylmethylene)-	174	C12H14O	003437-89-6	11		



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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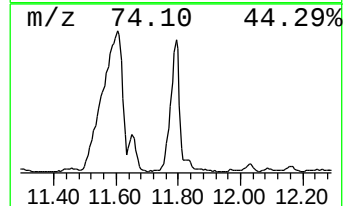
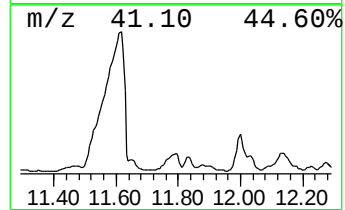
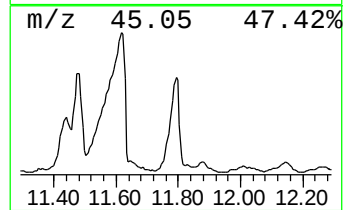
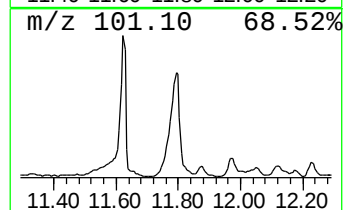
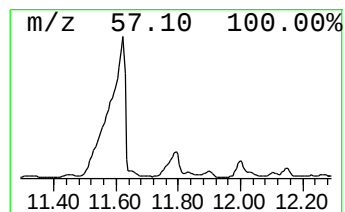
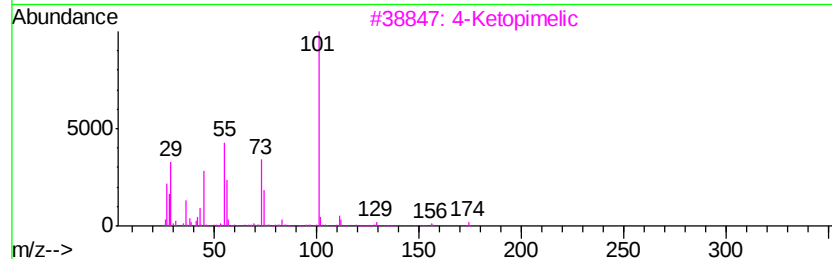
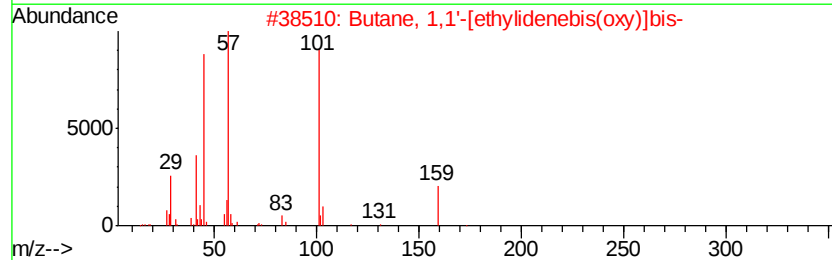
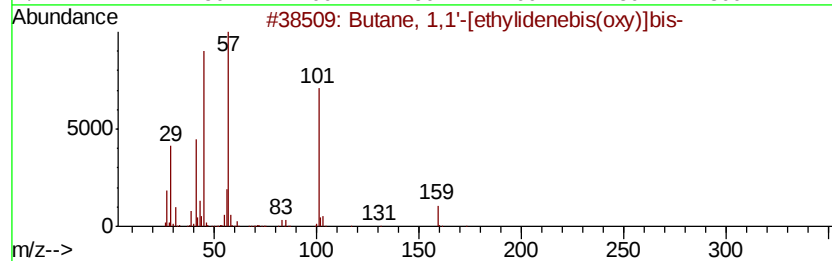
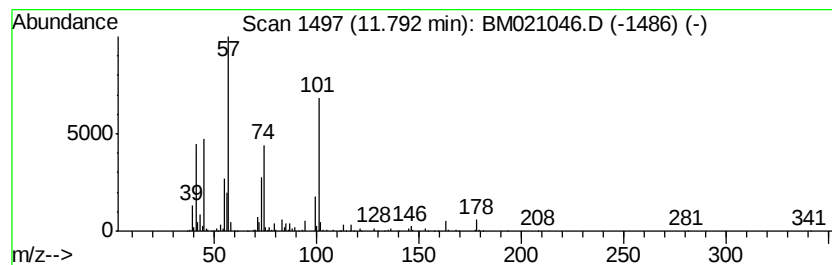
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 unknown-23 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	17.32 ng/ul	2764750	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1,1'-[ethylidenebis(oxy)]...	174	C10H22O2	000871-22-7	38
2		Butane, 1,1'-[ethylidenebis(oxy)]...	174	C10H22O2	000871-22-7	27
3		4-Ketopimelic	174	C7H10O5	000502-50-1	25
4		Hexadecanoic acid, 3,7,11,15-tet...	326	C21H42O2	001118-77-0	25
5		1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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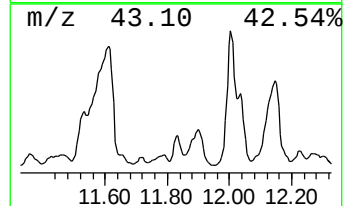
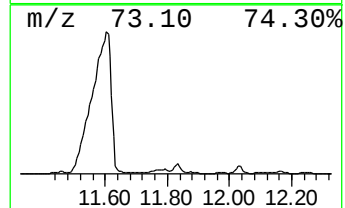
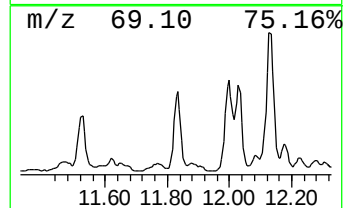
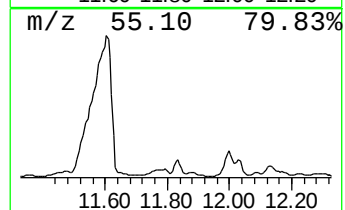
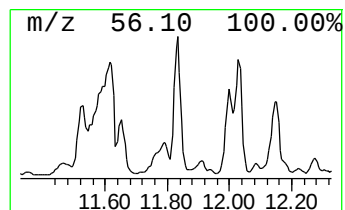
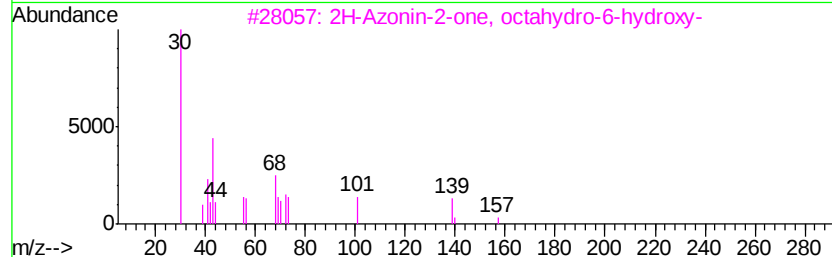
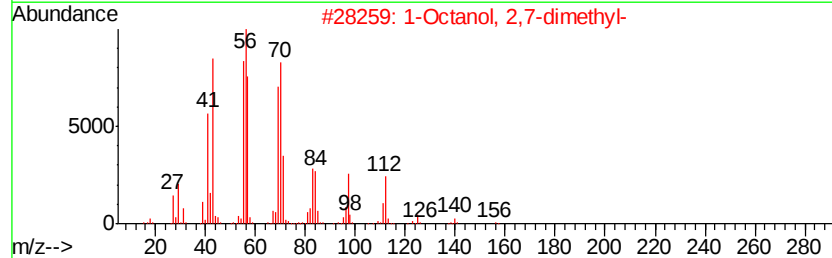
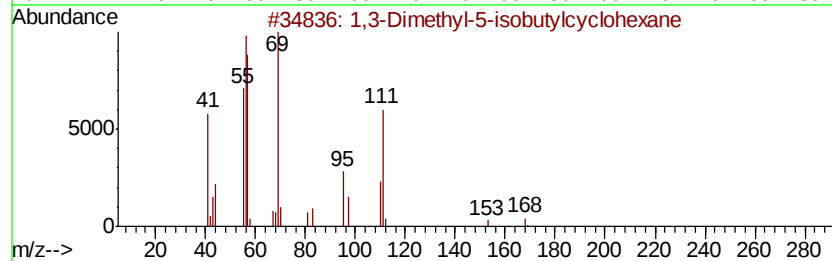
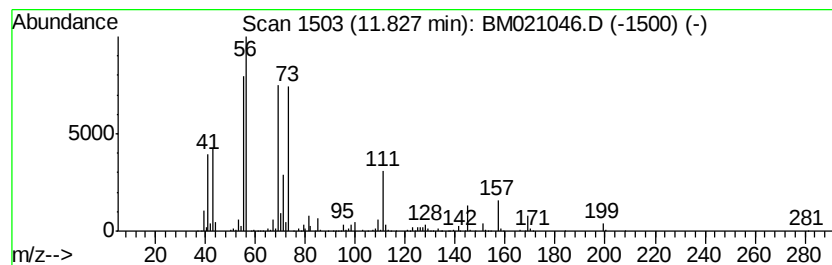
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Cyclic11.83 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	8.41 ng/ul	1342910	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dimethyl-5-isobutylcyclohexane	168	C12H24	013131-76-5	59
2		1-Octanol, 2,7-dimethyl-	158	C10H22O	015250-22-3	38
3		2H-Azonin-2-one, octahydro-6-hydroxy-	157	C8H15NO2	023435-07-6	38
4		1-Octanol, 3,7-dimethyl-	158	C10H22O	000106-21-8	38
5		Cyclohexane, 1-ethyl-1,3-dimethyl-	140	C10H20	062238-31-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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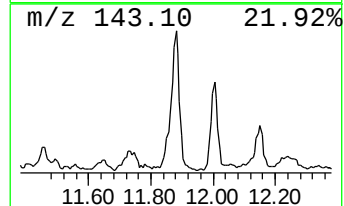
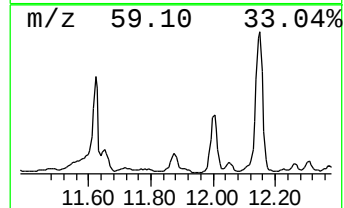
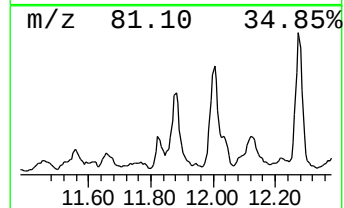
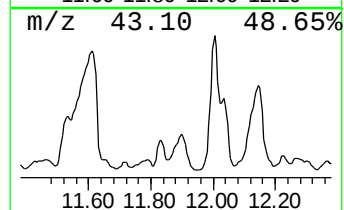
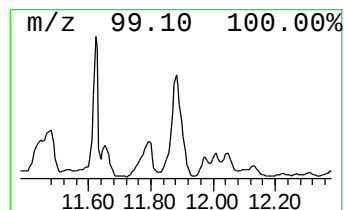
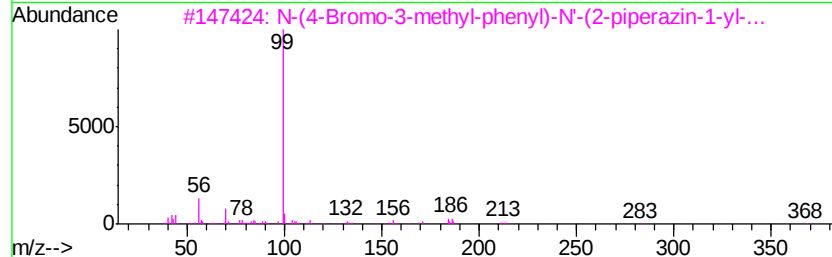
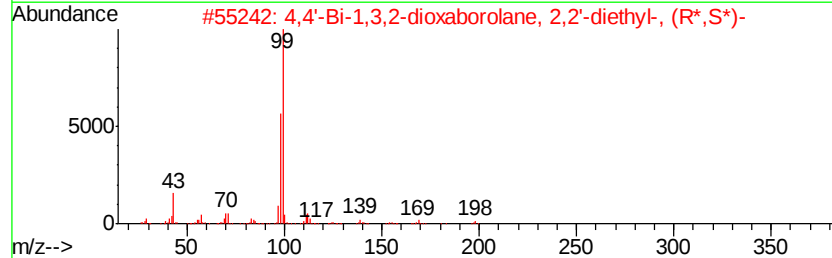
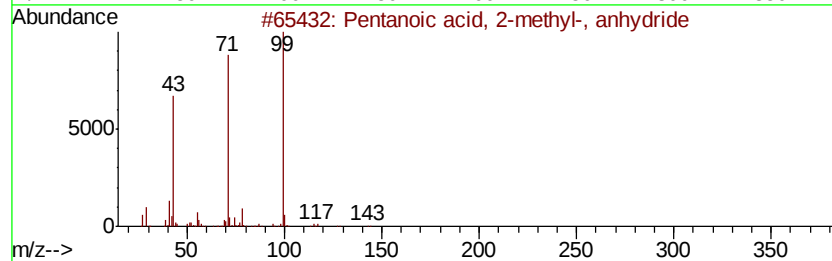
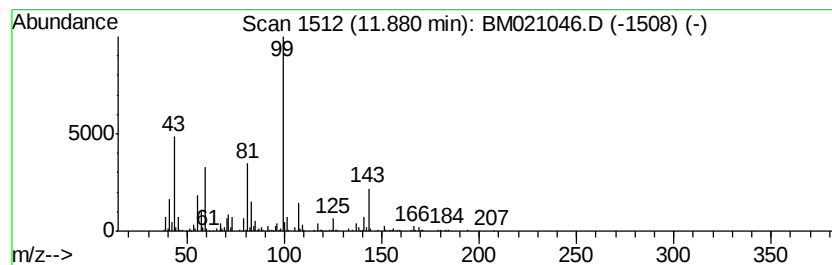
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 unknown-24 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	11.62 ng/ul	1853680	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 2-methyl-, anhyd...	214	C12H22O3	063169-61-9	38
2		4,4'-Bi-1,3,2-dioxaborolane, 2,2...	198	C8H16B2O4	062337-94-4	38
3		N-(4-Bromo-3-methyl-phenyl)-N'-(...	368	C15H21BrN4O2	1000294-59-4	38
4		2-Octen-4-one, 2-methoxy-	156	C9H16O2	024985-48-6	37
5		Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

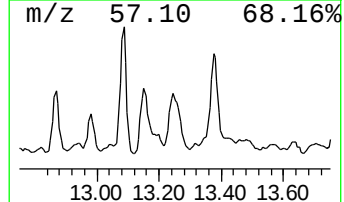
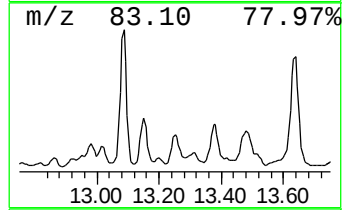
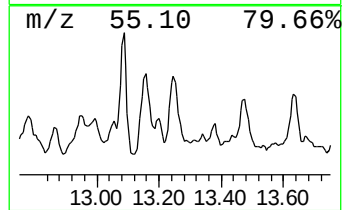
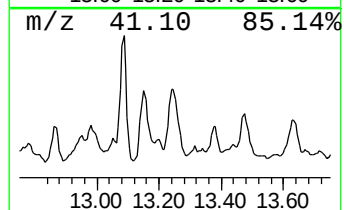
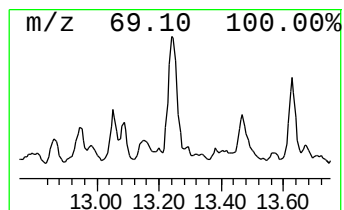
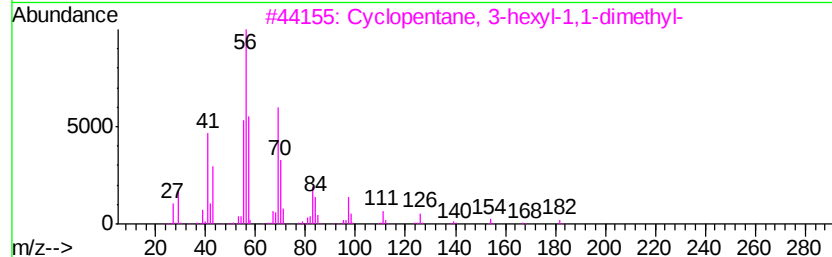
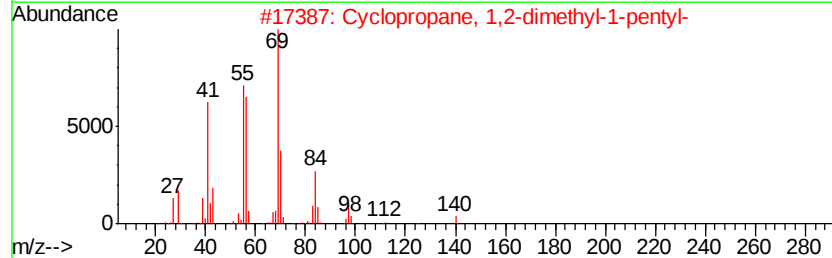
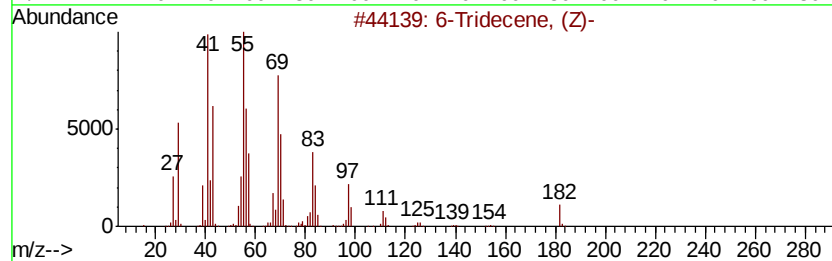
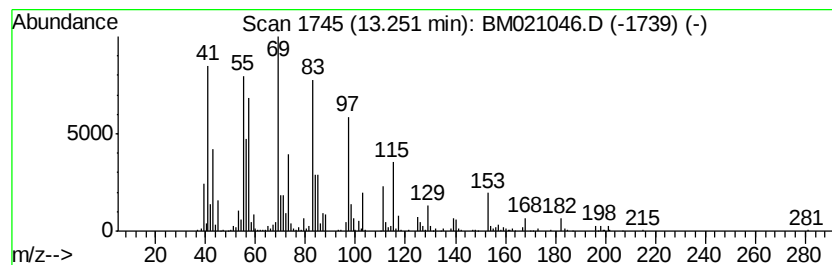
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Cyclic13.25 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.35 ng/ul	1915380	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Tridecene, (Z)-	182 C13H26	006508-77-6	58
2	Cyclopropane, 1,2-dimethyl-1-pen...	140 C10H20	062238-04-4	43
3	Cyclopentane, 3-hexyl-1,1-dimethyl-	182 C13H26	061142-65-2	38
4	Cyclopropane, 1,1-dimethyl-2-pen...	140 C10H20	062167-97-9	38
5	5-Undecene, 5-methyl-, (Z)-	168 C12H24	057024-93-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061919\
 Data File : BM021046.D
 Acq On : 19 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3213-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8K0

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	7.7	ng/ul	786833	1	7.79	2043400	20.0
unknown-01	5.37	80.1	ng/ul	8186620	1	7.79	2043400	20.0
unknown-02	5.57	29.1	ng/ul	2968820	1	7.79	2043400	20.0
1,1-Hexylenedioxy...	6.53	114.7	ng/ul	11719000	1	7.79	2043400	20.0
unknown-03	7.05	25.9	ng/ul	2642220	1	7.79	2043400	20.0
unknown-04	8.02	570.0	ng/ul	58233300	1	7.79	2043400	20.0
unknown-05	8.07	703.1	ng/ul	71836000	1	7.79	2043400	20.0
(DEL) Alkane: Cyc...	8.25	23.4	ng/ul	2385510	1	7.79	2043400	20.0
unknown-06	8.77	12.1	ng/ul	1233150	1	7.79	2043400	20.0
unknown-07	8.81	8.7	ng/ul	887503	1	7.79	2043400	20.0
(DEL) Alkane: Cyc...	8.88	23.7	ng/ul	2417410	1	7.79	2043400	20.0
(DEL) Alkane: Cyc...	9.21	16.1	ng/ul	2562920	2	10.57	3191870	20.0
unknown-08	9.31	15.1	ng/ul	2403170	2	10.57	3191870	20.0
(DEL) Alkane: Cyc...	9.37	11.9	ng/ul	1896930	2	10.57	3191870	20.0
(DEL) Alkane: Cyc...	9.47	6.7	ng/ul	1073800	2	10.57	3191870	20.0
Oxirane, 2,3-bis(...	9.56	33.1	ng/ul	5290130	2	10.57	3191870	20.0
unknown-09	9.85	75.5	ng/ul	12057200	2	10.57	3191870	20.0
unknown-10	9.93	13.3	ng/ul	2122840	2	10.57	3191870	20.0
1-Propanone, 1-cy...	10.02	13.8	ng/ul	2200980	2	10.57	3191870	20.0
Cyclohexanol, 2-a...	10.13	44.7	ng/ul	7131120	2	10.57	3191870	20.0
unknown-11	10.27	18.8	ng/ul	3007190	2	10.57	3191870	20.0
unknown-12	10.32	22.4	ng/ul	3579770	2	10.57	3191870	20.0
unknown-13	10.52	6.5	ng/ul	1045490	2	10.57	3191870	20.0
unknown-14	10.69	6.5	ng/ul	1030150	2	10.57	3191870	20.0
Cyclohexanone, 2-...	10.72	11.1	ng/ul	1767680	2	10.57	3191870	20.0
unknown-15	10.75	18.3	ng/ul	2914580	2	10.57	3191870	20.0
unknown-16	10.93	182.2	ng/ul	29077900	2	10.57	3191870	20.0
unknown-17	10.99	53.8	ng/ul	8590920	2	10.57	3191870	20.0
unknown-18	11.14	22.8	ng/ul	3630190	2	10.57	3191870	20.0
unknown-19	11.23	10.3	ng/ul	1642970	2	10.57	3191870	20.0
unknown-20	11.47	13.2	ng/ul	2105080	2	10.57	3191870	20.0
unknown-21	11.62	218.2	ng/ul	34825000	2	10.57	3191870	20.0
unknown-22	11.65	8.6	ng/ul	1368870	2	10.57	3191870	20.0
unknown-23	11.79	17.3	ng/ul	2764750	2	10.57	3191870	20.0
(DEL) Alkane: Cyc...	11.83	8.4	ng/ul	1342910	2	10.57	3191870	20.0
unknown-24	11.88	11.6	ng/ul	1853680	2	10.57	3191870	20.0
(DEL) Alkane: Cyc...	13.25	6.3	ng/ul	1915380	3	14.43	6028550	20.0