

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
 Data File : BM021045.D
 Acq On : 19 Jun 2019 21:04
 Operator : HP/JU
 Sample : K3213-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8J9

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	5.375	396	406	416	rBV	6106700	8613265	10.90%	1.338%
2	5.569	433	439	448	rVB2	1994193	3134345	3.97%	0.487%
3	6.534	596	603	612	rVV	8771224	12473790	15.78%	1.938%
4	7.045	685	690	698	rVB	1894047	2798702	3.54%	0.435%
5	7.128	698	704	711	rBV	964620	1619303	2.05%	0.252%
6	7.334	725	739	746	rVV	928909	2095603	2.65%	0.326%
7	7.787	810	816	821	rBV2	1137526	2305814	2.92%	0.358%
8	7.834	821	824	832	rVB2	644051	1014988	1.28%	0.158%
9	8.022	841	856	859	rBV	32476752	68940186	87.22%	10.710%
10	8.069	859	864	869	rVB2	38672370	79037516	100.00%	12.279%
11	8.251	883	895	903	rVB2	1042992	2520920	3.19%	0.392%
12	8.510	933	939	945	rBV2	975024	1706700	2.16%	0.265%
13	8.775	978	984	987	rBV2	688879	1320773	1.67%	0.205%
14	8.816	987	991	996	rVV4	711777	1365500	1.73%	0.212%
15	8.881	996	1002	1003	rVV	1893309	2772932	3.51%	0.431%
16	8.939	1003	1012	1019	rVV	19488193	41993546	53.13%	6.524%
17	9.210	1052	1058	1066	rVB3	1503784	2888584	3.65%	0.449%
18	9.310	1066	1075	1081	rBV4	1065308	2756283	3.49%	0.428%
19	9.375	1081	1086	1092	rBV2	1353963	2128472	2.69%	0.331%
20	9.475	1098	1103	1109	rBV3	573174	1153419	1.46%	0.179%
21	9.563	1109	1118	1123	rBV2	2621408	5874481	7.43%	0.913%
22	9.639	1125	1131	1139	rVB4	3234729	8343799	10.56%	1.296%
23	9.710	1139	1143	1152	rVB	2200842	3305188	4.18%	0.513%
24	9.857	1153	1168	1176	rBV2	4814835	13002053	16.45%	2.020%
25	9.928	1176	1180	1186	rVB2	1272010	1965133	2.49%	0.305%
26	10.016	1188	1195	1201	rVB2	1292342	2488515	3.15%	0.387%
27	10.133	1201	1215	1219	rBV3	2867186	8663692	10.96%	1.346%
28	10.210	1219	1228	1234	rVB5	4359488	10385450	13.14%	1.613%
29	10.275	1234	1239	1242	rBV4	1220942	2248268	2.84%	0.349%
30	10.328	1243	1248	1252	rVB	2407747	3884378	4.91%	0.603%
31	10.580	1285	1291	1295	rBV2	1995622	3724468	4.71%	0.579%
32	10.686	1304	1309	1311	rBV2	698980	1136692	1.44%	0.177%
33	10.710	1311	1313	1317	rVV	1096632	1785639	2.26%	0.277%
34	10.751	1317	1320	1329	rVB	1927744	3135510	3.97%	0.487%

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

35	10.939	1330	1352	1357	rBV2	8994134	32818855	41.52%	5.099%
36	11.010	1357	1364	1375	rVB3	4308748	10776110	13.63%	1.674%
37	11.145	1379	1387	1396	rBV4	1594339	4109094	5.20%	0.638%
38	11.239	1396	1403	1409	rVB2	1068279	2465101	3.12%	0.383%
39	11.457	1431	1440	1443	rBV5	617964	1416967	1.79%	0.220%
40	11.627	1444	1469	1478	rVB3	8363506	41242392	52.18%	6.407%
41	11.810	1487	1500	1502	rBV3	1195151	3830251	4.85%	0.595%
42	11.833	1502	1504	1509	rVB	1194726	1375096	1.74%	0.214%
43	11.886	1509	1513	1525	rVB4	885480	2322785	2.94%	0.361%
44	12.004	1525	1533	1544	rBV4	5272729	13074447	16.54%	2.031%
45	12.133	1544	1555	1557	rBV	1622151	3706979	4.69%	0.576%
46	12.274	1575	1579	1590	rVB6	974616	2189953	2.77%	0.340%
47	12.416	1598	1603	1608	rBV3	689128	1296861	1.64%	0.201%
48	12.533	1617	1623	1625	rBV	671691	1067386	1.35%	0.166%
49	12.598	1629	1634	1642	rVB6	1047548	2338936	2.96%	0.363%
50	12.869	1675	1680	1685	rVB	676702	1014655	1.28%	0.158%
51	12.951	1685	1694	1697	rBV5	614022	1577193	2.00%	0.245%
52	12.986	1697	1700	1706	rVB3	612844	1143707	1.45%	0.178%
53	13.086	1712	1717	1722	rVB	4470965	6407213	8.11%	0.995%
54	13.151	1722	1728	1733	rBV	2808657	4583246	5.80%	0.712%
55	13.245	1740	1744	1752	rVB3	1198638	2185036	2.76%	0.339%
56	13.380	1763	1767	1771	rBV	882283	1185066	1.50%	0.184%
57	13.474	1779	1783	1793	rVB2	1411315	2604234	3.29%	0.405%
58	13.633	1803	1810	1815	rVB4	1020584	1928832	2.44%	0.300%
59	13.774	1829	1834	1840	rBV7	398398	951910	1.20%	0.148%
60	13.845	1841	1846	1851	rBV	2805043	3974641	5.03%	0.617%
61	13.980	1864	1869	1873	rBV2	623967	1058775	1.34%	0.164%
62	14.063	1878	1883	1888	rVV5	931171	1937401	2.45%	0.301%
63	14.121	1888	1893	1896	rVV	3387660	5318293	6.73%	0.826%
64	14.157	1896	1899	1904	rVB	1417014	1938252	2.45%	0.301%
65	14.363	1929	1934	1938	rVB3	614110	1167024	1.48%	0.181%
66	14.433	1938	1946	1950	rBV3	3888966	7134327	9.03%	1.108%
67	14.480	1950	1954	1959	rVB3	1856884	2463219	3.12%	0.383%
68	14.539	1960	1964	1969	rVB4	599836	1033979	1.31%	0.161%
69	14.610	1971	1976	1978	rBV	2021705	3132755	3.96%	0.487%
70	14.757	1996	2001	2005	rVV	4851707	6596470	8.35%	1.025%
71	14.792	2005	2007	2013	rVV4	966654	1790110	2.26%	0.278%

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 Title : SVOA CALIBRATION

72	14.839	2013	2015	2019	rVV	679505	860425	1.09%	0.134%
73	14.880	2019	2022	2026	rVB2	894300	1120992	1.42%	0.174%
74	14.974	2036	2038	2045	rVB3	765592	1169146	1.48%	0.182%
75	15.045	2045	2050	2053	rVB2	1030266	1344968	1.70%	0.209%
76	15.086	2053	2057	2069	rVB6	983567	2582714	3.27%	0.401%
77	15.204	2069	2077	2081	rBV4	1781281	3441936	4.35%	0.535%
78	15.286	2086	2091	2100	rVB5	1252267	3461942	4.38%	0.538%
79	15.421	2107	2114	2120	rVB	5045940	8142653	10.30%	1.265%
80	15.498	2121	2127	2130	rBV2	622573	1132449	1.43%	0.176%
81	15.545	2130	2135	2140	rVB2	1540467	2552298	3.23%	0.397%
82	15.615	2140	2147	2154	rBV	2909004	4831554	6.11%	0.751%
83	15.686	2154	2159	2164	rVB	1763148	2333115	2.95%	0.362%
84	16.221	2246	2250	2251	rVV	1530531	1813719	2.29%	0.282%
85	16.268	2251	2258	2262	rVB	30153954	50285116	63.62%	7.812%
86	16.709	2329	2333	2338	rVB	1157765	1566383	1.98%	0.243%
87	16.768	2339	2343	2346	rVV2	528240	920823	1.17%	0.143%
88	16.827	2346	2353	2360	rVV	4754537	9361071	11.84%	1.454%
89	16.909	2363	2367	2370	rVV	1443519	2266813	2.87%	0.352%
90	16.939	2370	2372	2376	rVV	988175	1376259	1.74%	0.214%
91	16.986	2376	2380	2385	rVB	1080360	1520469	1.92%	0.236%
92	17.174	2407	2412	2420	rVV	3273254	5019013	6.35%	0.780%
93	17.274	2423	2429	2436	rVV	4691407	7186949	9.09%	1.117%
94	17.527	2468	2472	2476	rBV	2466156	3515677	4.45%	0.546%
95	18.068	2559	2564	2572	rBV	2552482	3505532	4.44%	0.545%
96	19.345	2776	2781	2787	rBV	2153536	2704169	3.42%	0.420%
97	19.562	2813	2818	2826	rBV	4978284	7287354	9.22%	1.132%
98	21.350	3117	3122	3132	rBV	3253810	4032396	5.10%	0.626%
99	23.486	3478	3485	3498	rVB2	3410813	6697317	8.47%	1.040%
100	23.627	3502	3509	3519	rVB	2023225	3919882	4.96%	0.609%

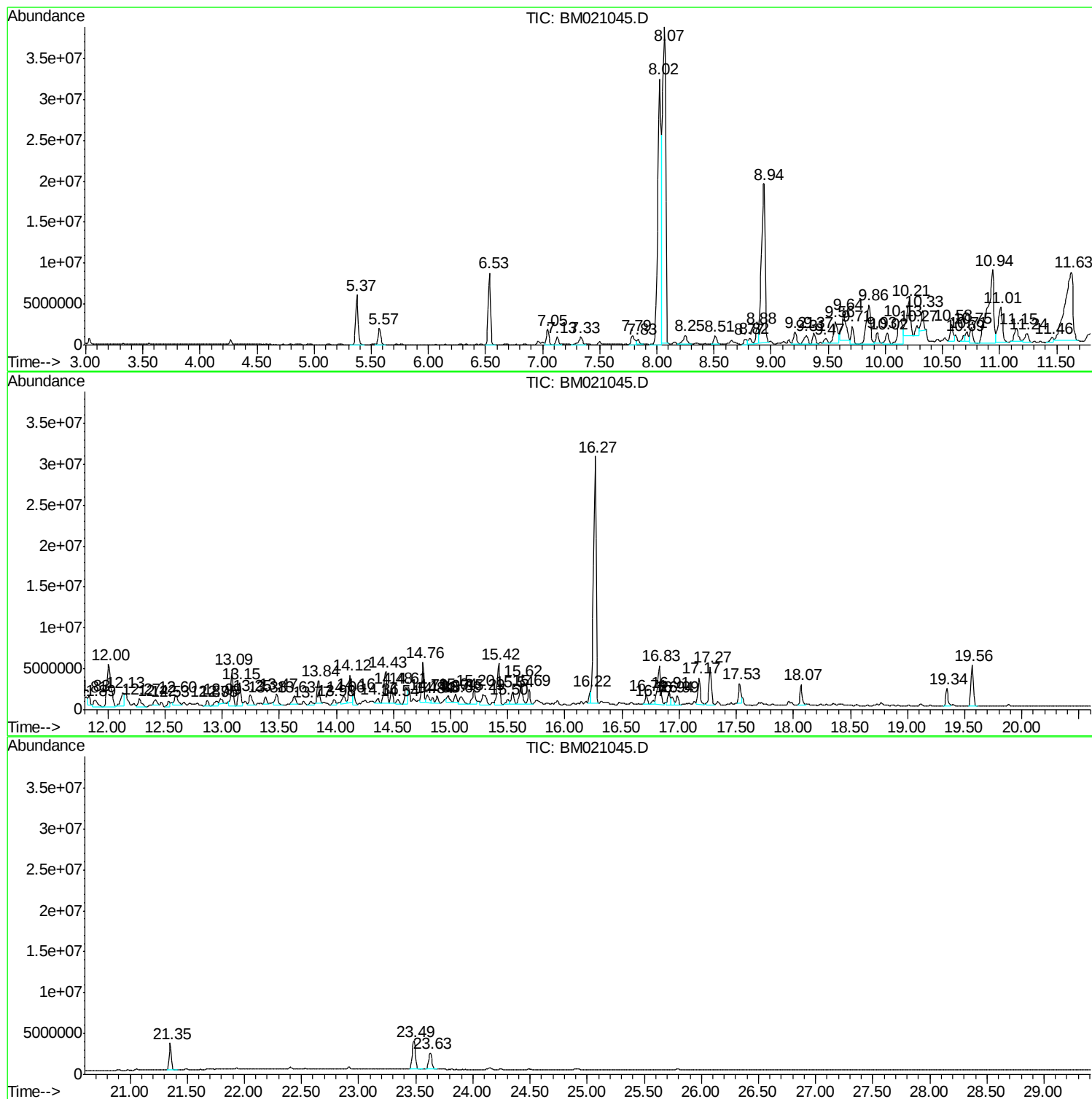
Sum of corrected areas: 643694592

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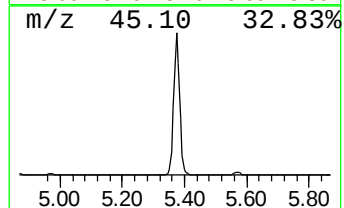
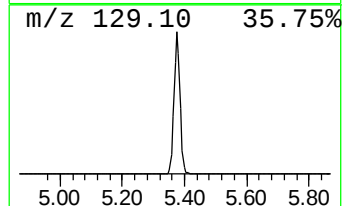
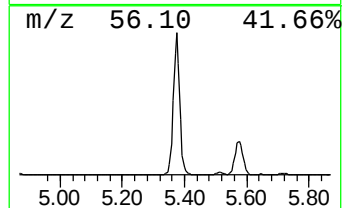
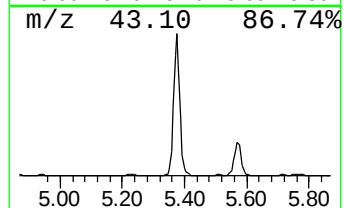
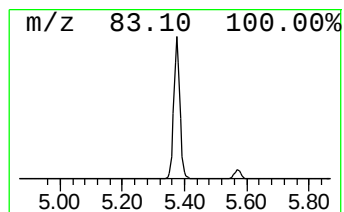
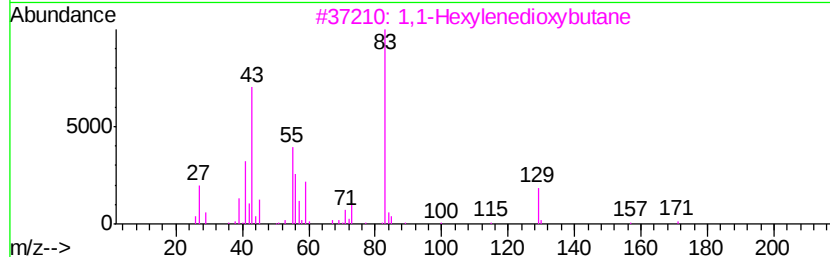
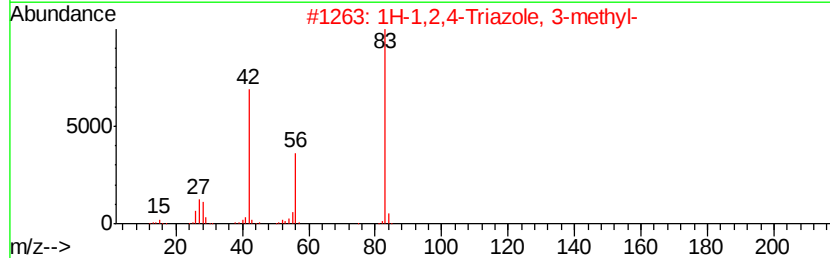
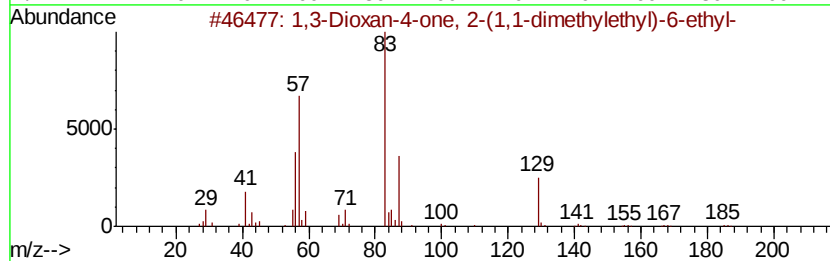
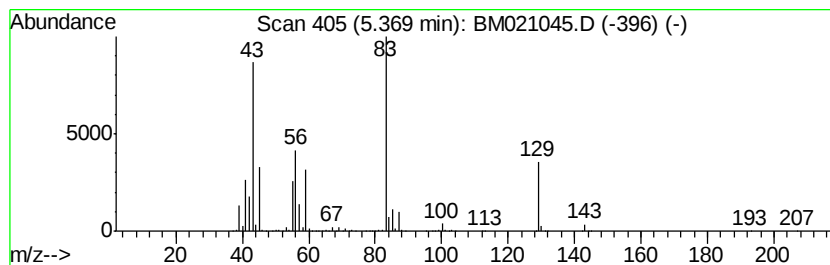
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	74.71 ng/ul	8613270	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxan-4-one, 2-(1,1-dimethyl-...	186	C10H18O3	113505-80-9	38
2			1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	37
3			1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	36
4			1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25
5			3,5-Dimethyl-1,6-heptadien-4-ol	140	C9H16O	019549-66-7	10



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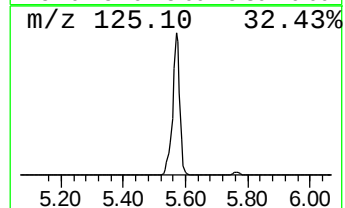
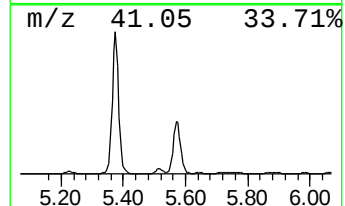
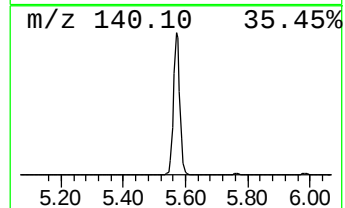
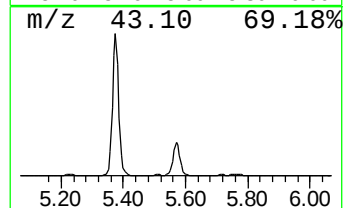
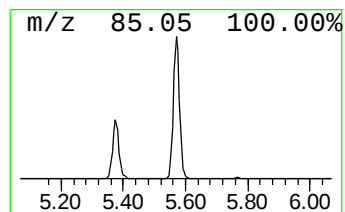
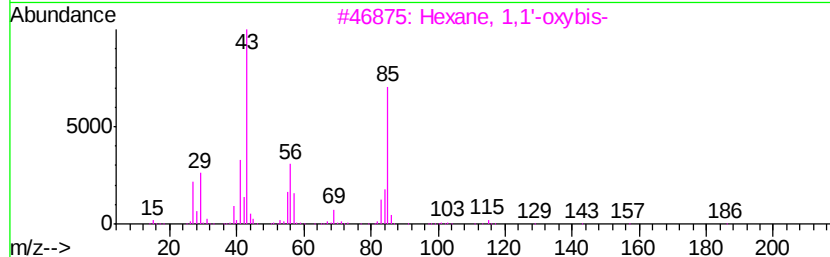
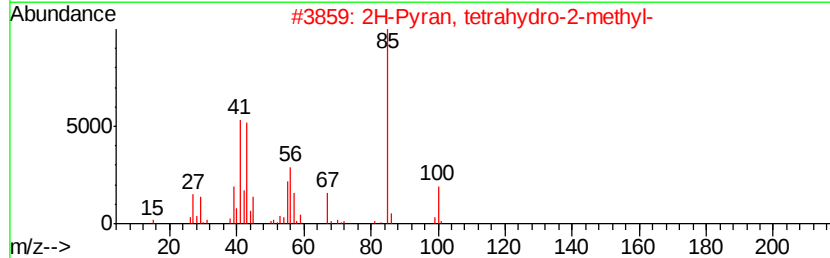
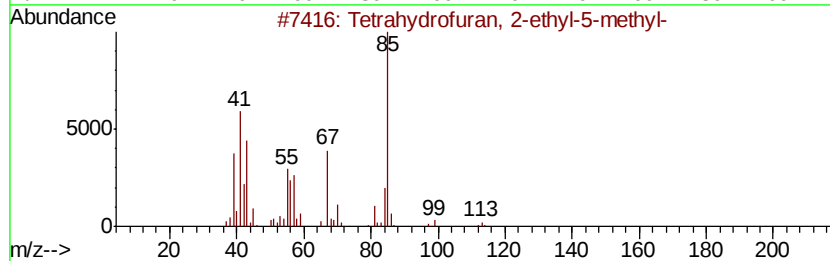
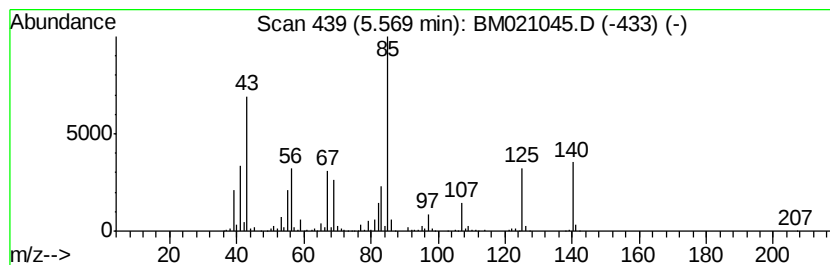
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	27.19 ng/ul	3134350	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrahydrofuran, 2-ethyl-5-methyl-	114	C7H14O	000931-39-5	43
2		2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	43
3		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	37
4		2H-Pyran, 2-[(5-cyclopropylidene...]	210	C13H22O2	123416-83-1	32
5		Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	32



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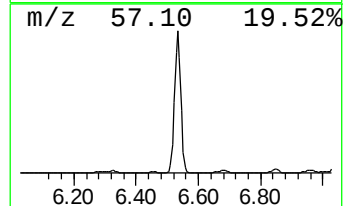
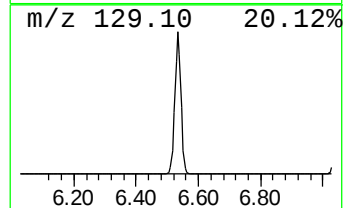
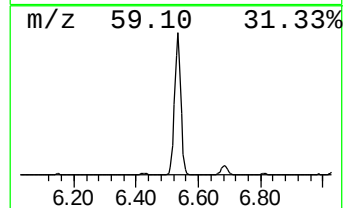
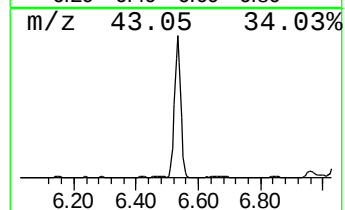
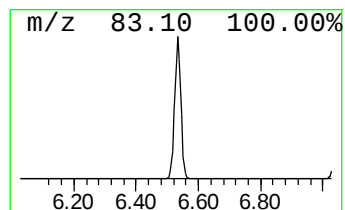
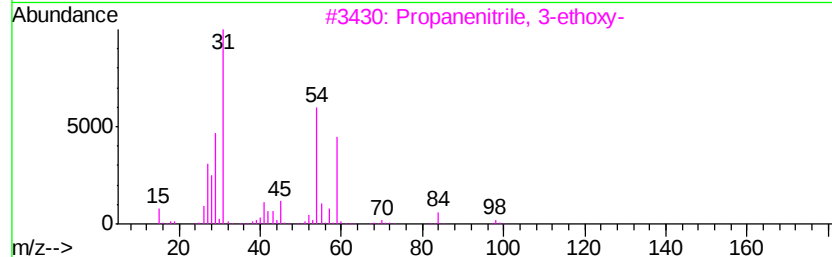
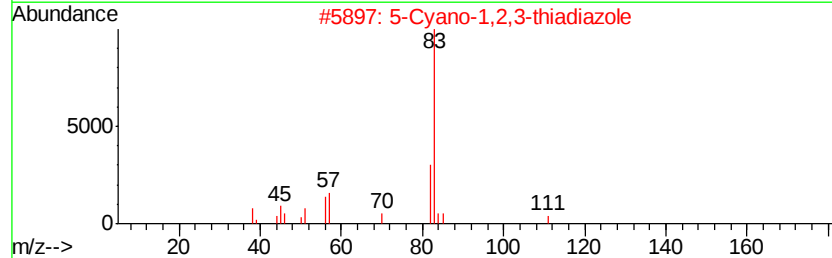
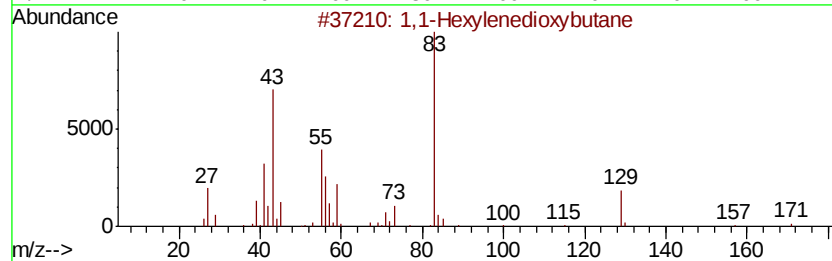
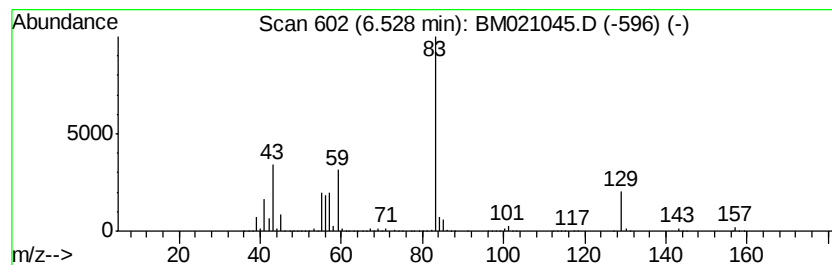
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,1-Hexylenedioxybutane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	108.19 ng/ul	12473800	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		1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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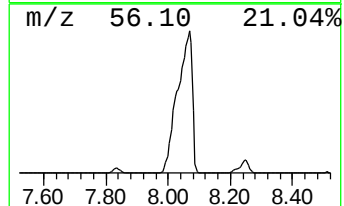
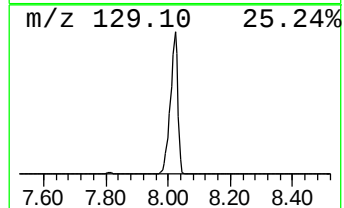
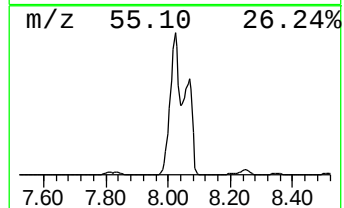
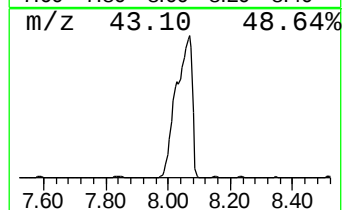
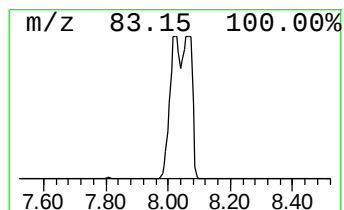
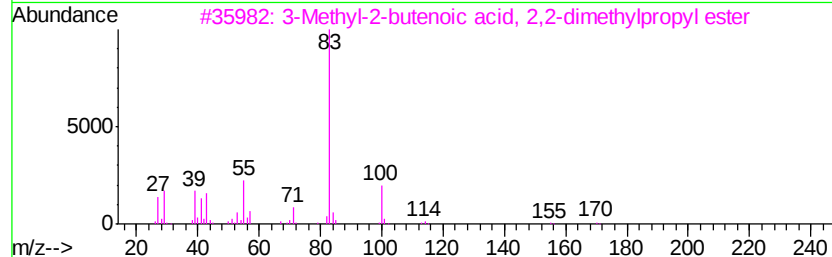
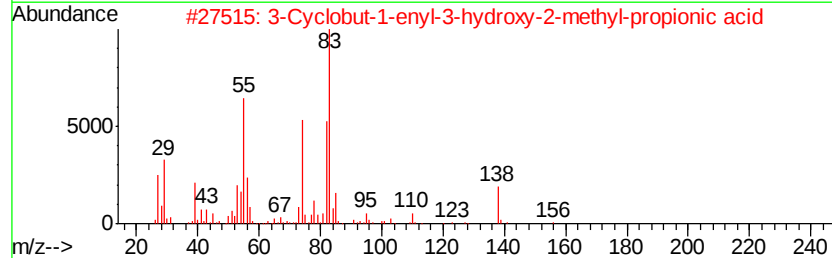
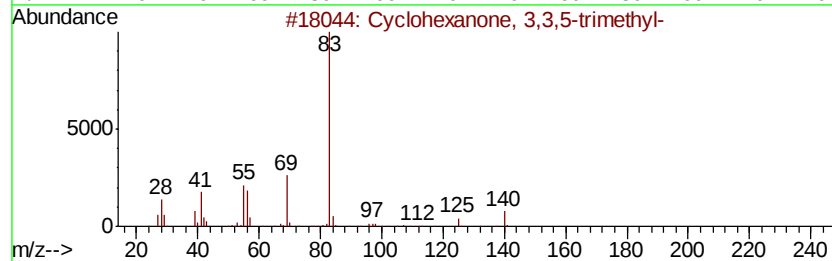
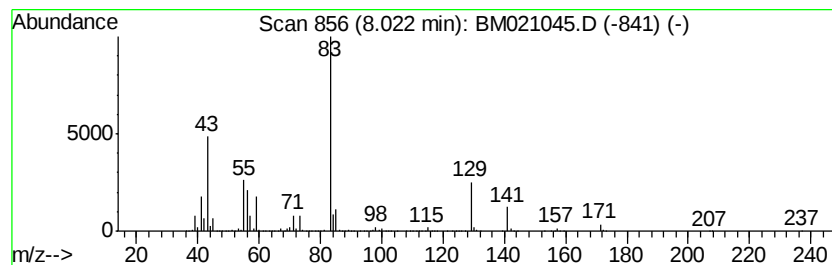
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	597.97 ng/ul	68940200	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		3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	33
3		3-Methyl-2-butenic acid, 2,2-di...	170	C10H18O2	1000279-23-0	25
4		1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	25
5		Cyclohexanecarboxylic acid, 2-me...	184	C11H20O2	037139-85-8	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
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ClientSampleId :
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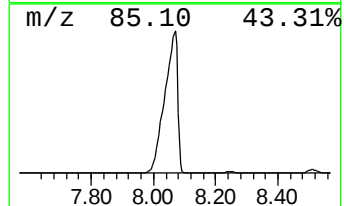
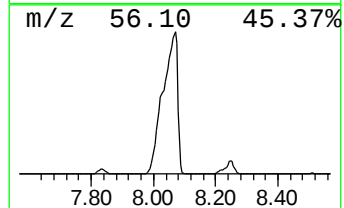
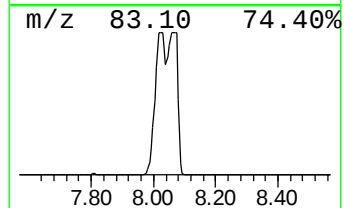
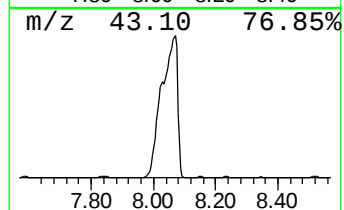
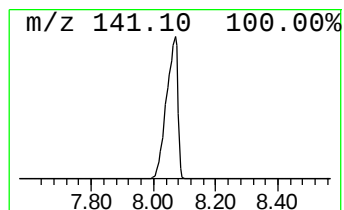
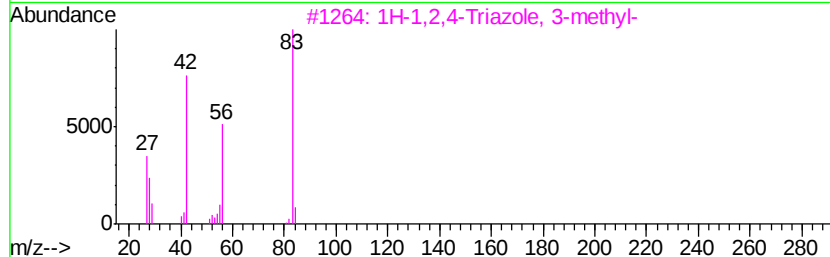
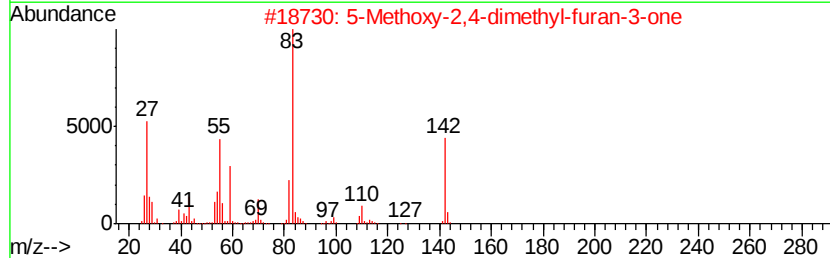
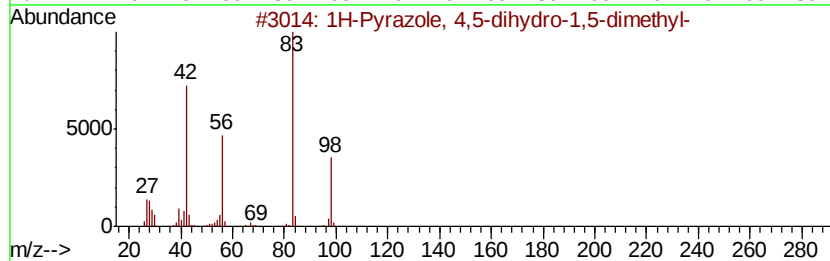
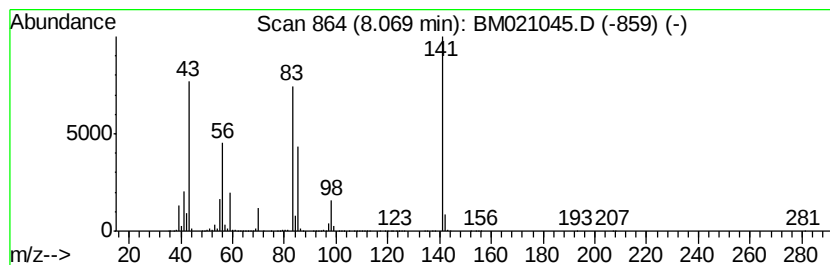
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	685.55 ng/ul	79037500	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		5-Methoxy-2,4-dimethyl-furan-3-one	142	C7H10O3	039036-74-3	22
3		1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	16
4		(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	14
5		(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
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ClientSampleId :
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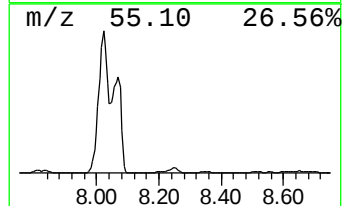
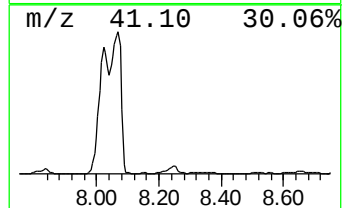
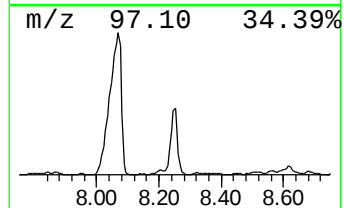
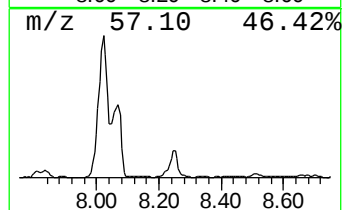
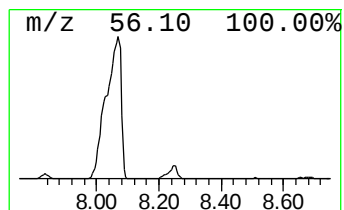
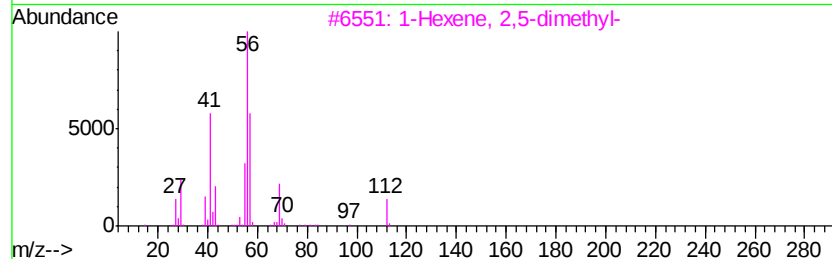
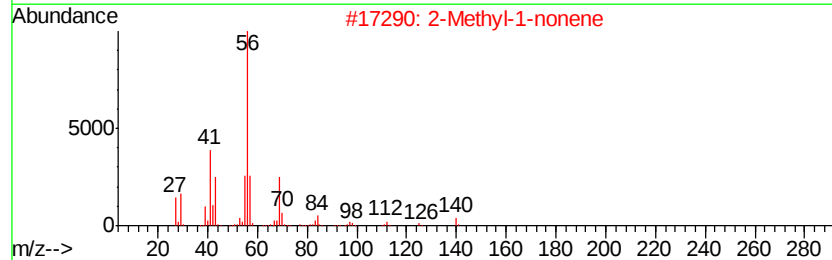
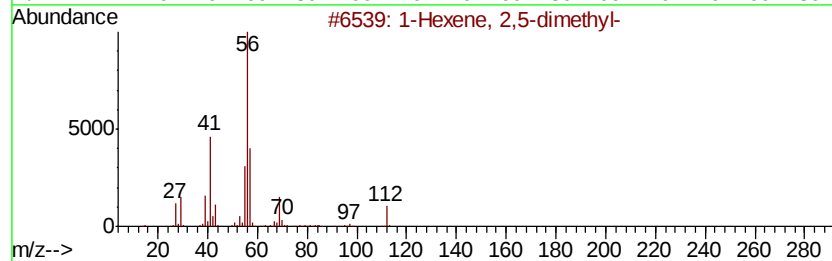
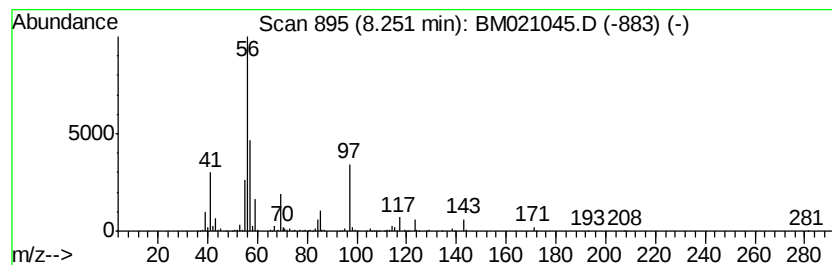
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic8.25 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	21.87 ng/ul	2520920	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		2-Methyl-1-nonene	140	C10H20	002980-71-4	38
3		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
4		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	28
5		1-Octene, 2-methyl-	126	C9H18	004588-18-5	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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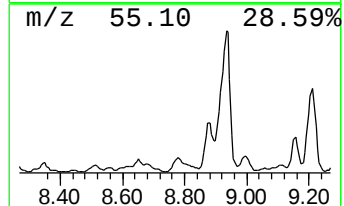
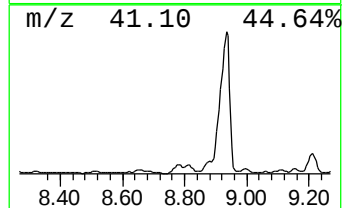
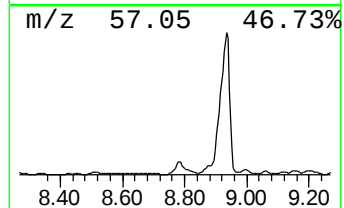
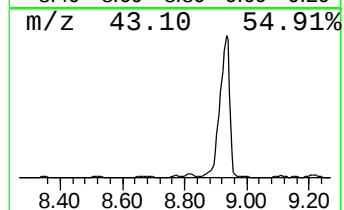
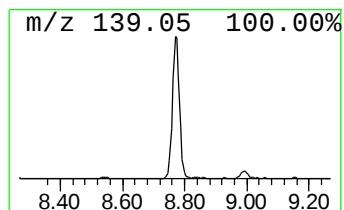
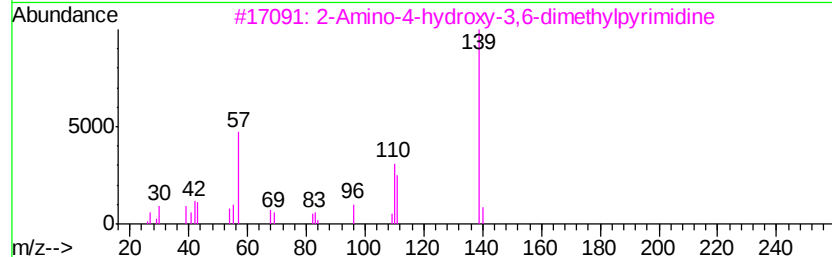
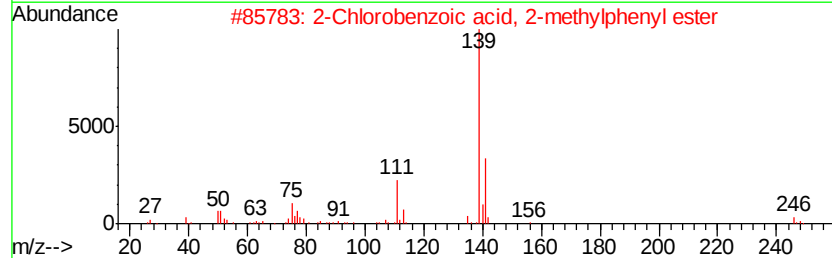
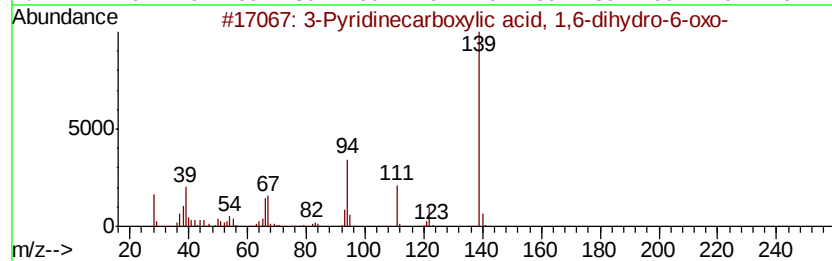
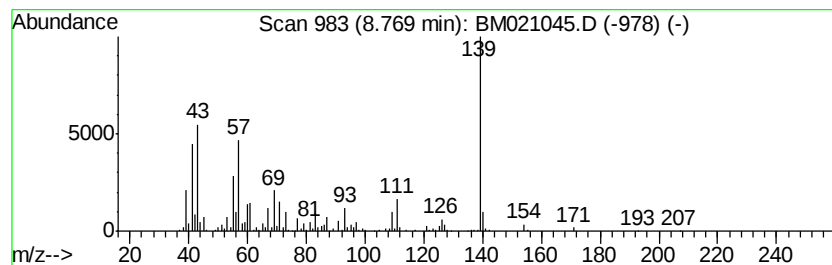
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-05 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	11.46 ng/ul	1320770	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pyridinecarboxylic acid, 1,6-d...	139	C6H5NO3	005006-66-6	49
2		2-Chlorobenzoic acid, 2-methylph...	246	C14H11ClO2	006279-32-9	47
3		2-Amino-4-hydroxy-3,6-dimethylpv...	139	C6H9N3O	033796-41-7	43
4		Silane, 1-hexynyltrimethyl-	154	C9H18Si	003844-94-8	43
5		Benzamide, 4-chloro-N-(2-cyclohe...	397	C20H19ClF3NO2	346660-56-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
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ClientSampleId :
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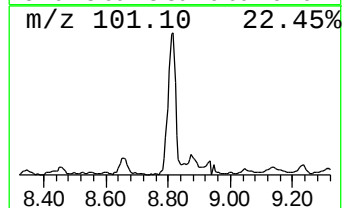
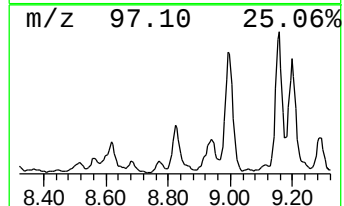
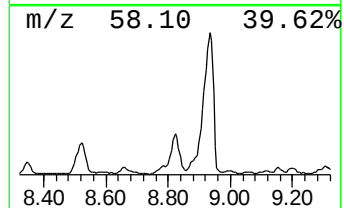
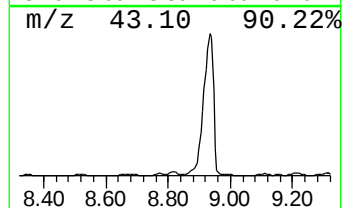
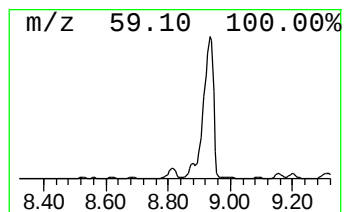
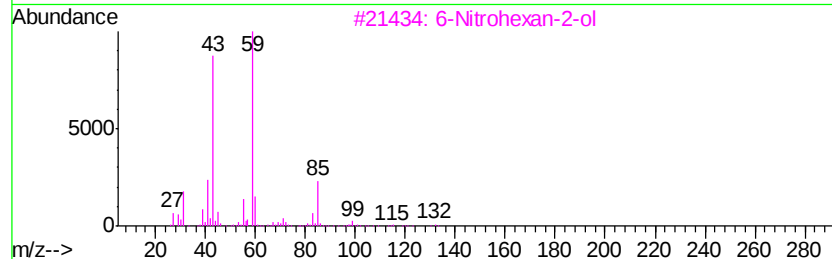
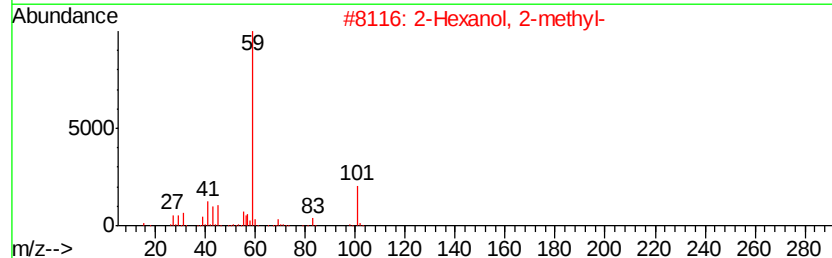
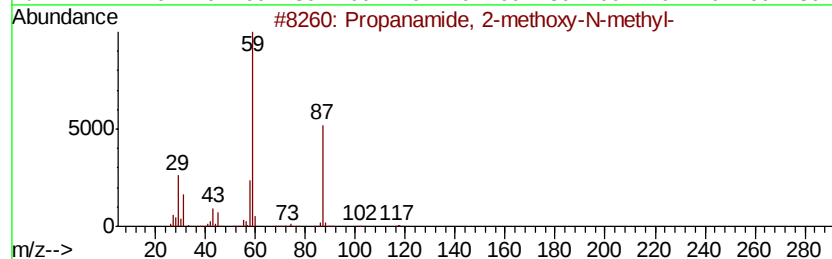
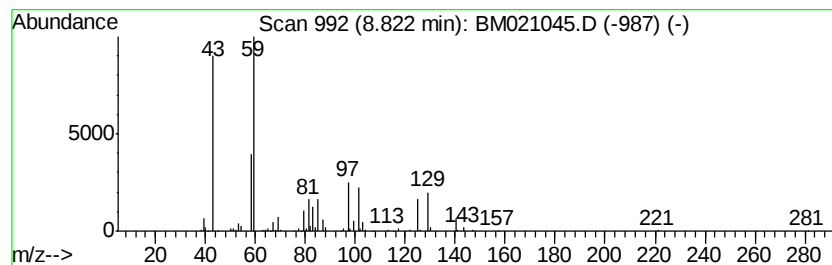
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-06 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	11.84 ng/ul	1365500	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanamide, 2-methoxy-N-methyl-	117	C5H11NO2	1000196-12-6	40
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		6-Nitrohexan-2-ol	147	C6H13NO3	062224-53-7	23
4		Formamide, N-formyl-N-methyl-	87	C3H5NO2	018197-25-6	9
5		Butanamide	87	C4H9NO	000541-35-5	9



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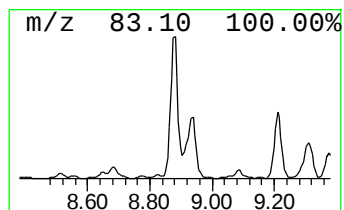
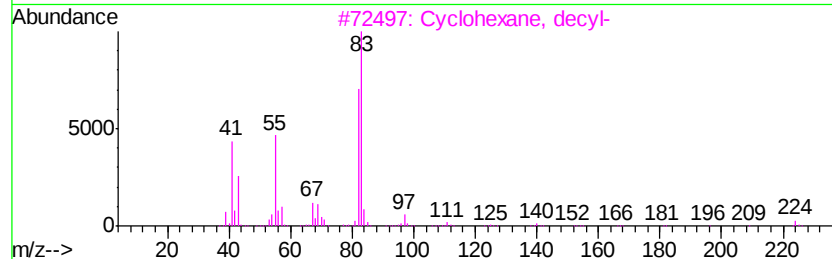
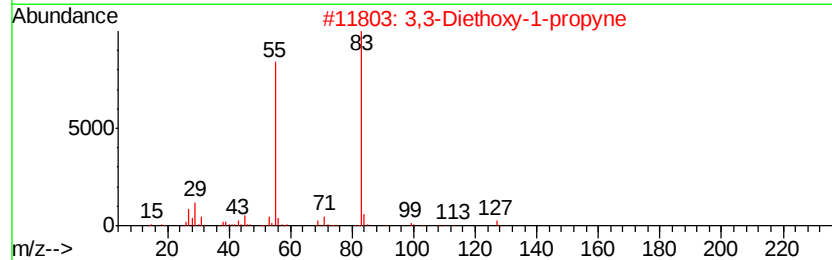
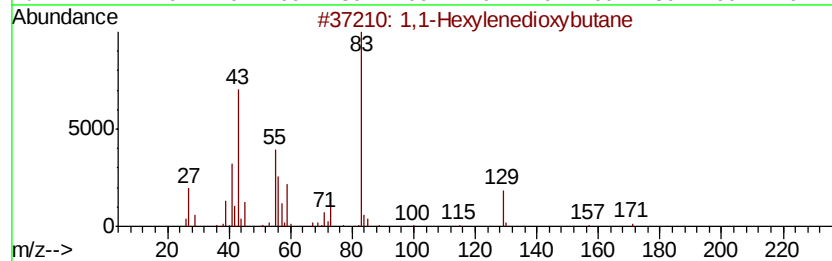
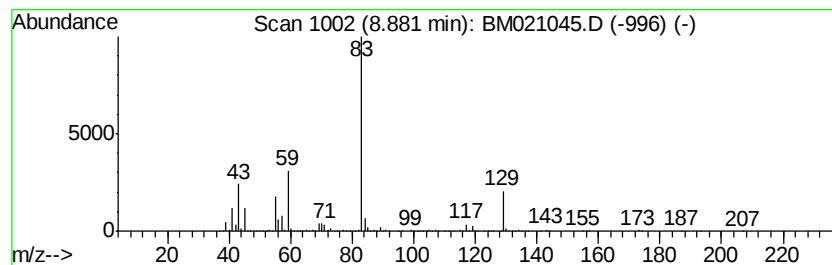
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	24.05 ng/ul	2772930	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	40
2		3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	40
3		Cyclohexane, decyl-	224	C16H32	001795-16-0	28
4		4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	9
5		2-Butynoic acid, 4-[(tetrahydro-...]	198	C10H14O4	069511-49-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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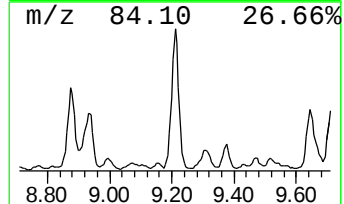
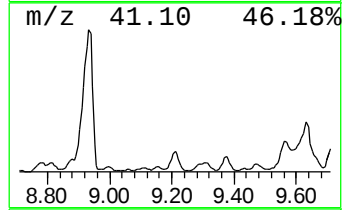
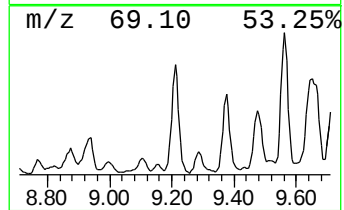
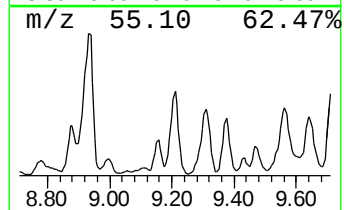
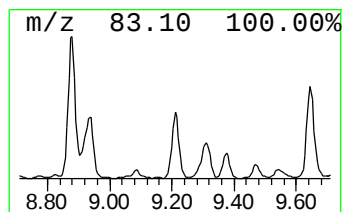
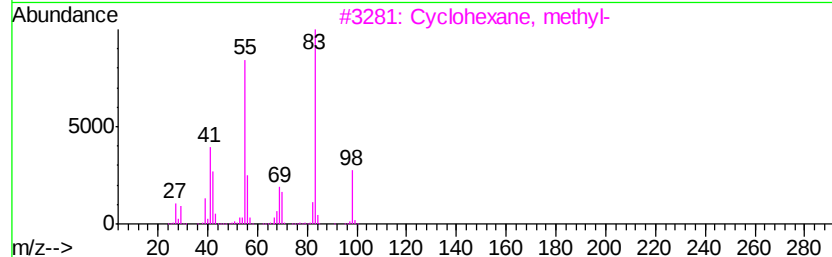
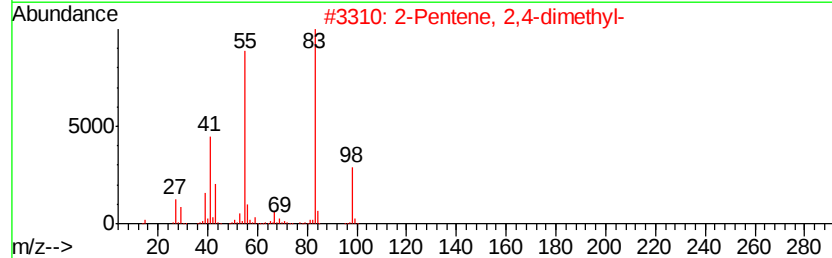
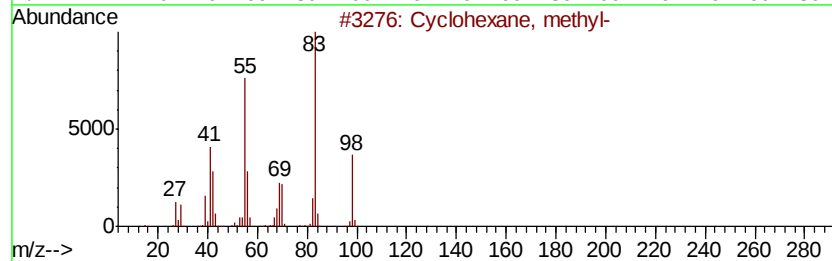
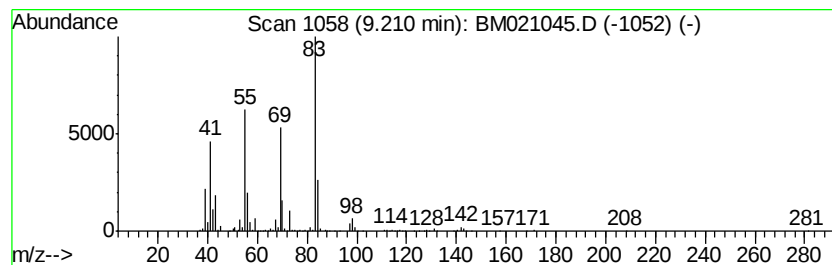
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic9.21 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	15.51 ng/ul	2888580	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	53
2		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	47
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	45
4		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	40
5		1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

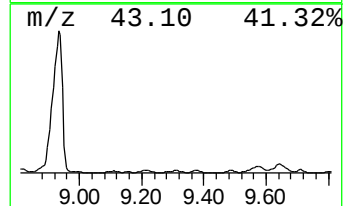
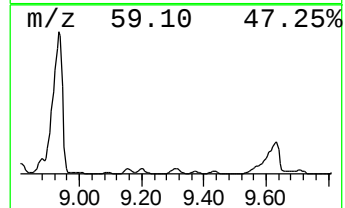
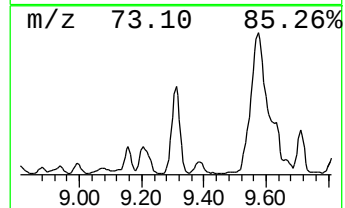
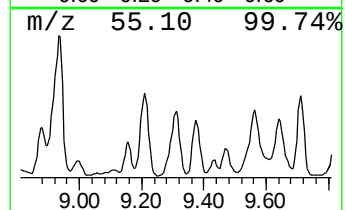
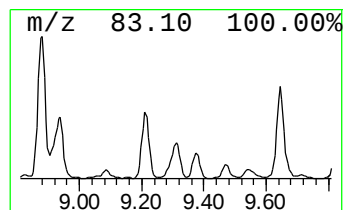
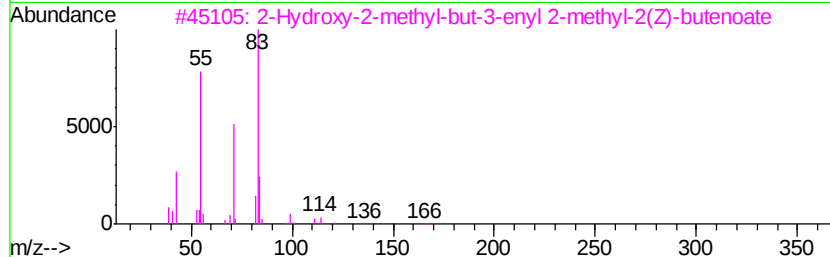
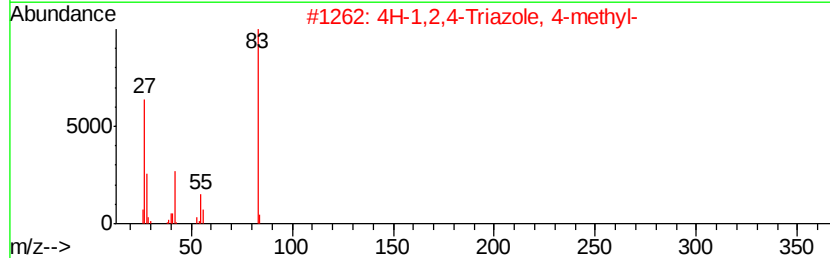
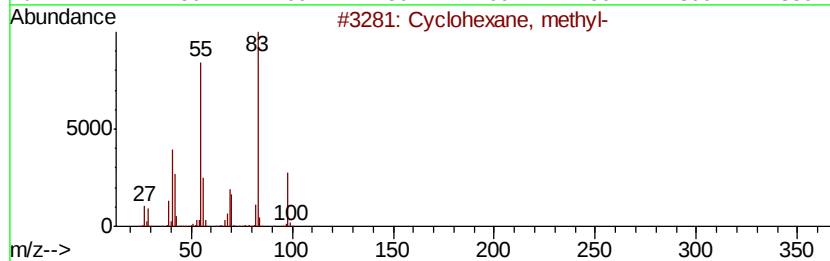
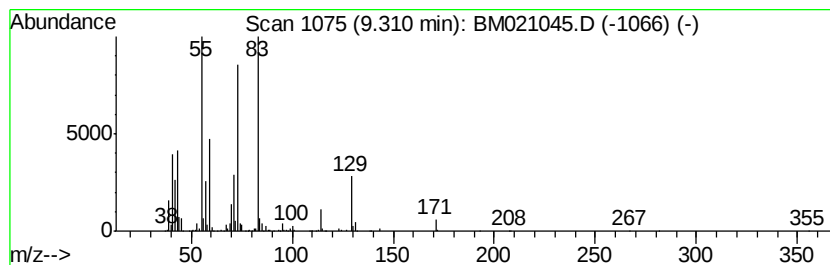
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic9.31 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	14.80 ng/ul	2756280	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	32
2		4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	27
3		2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	25
4		1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	16
5		3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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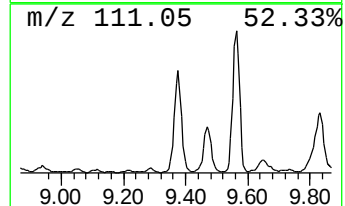
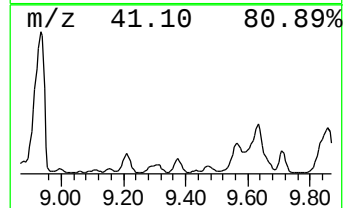
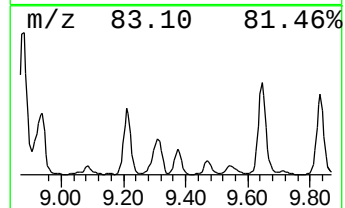
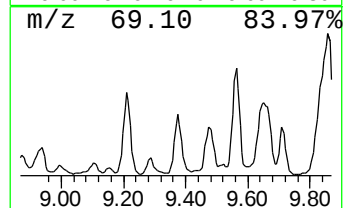
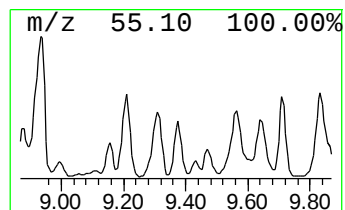
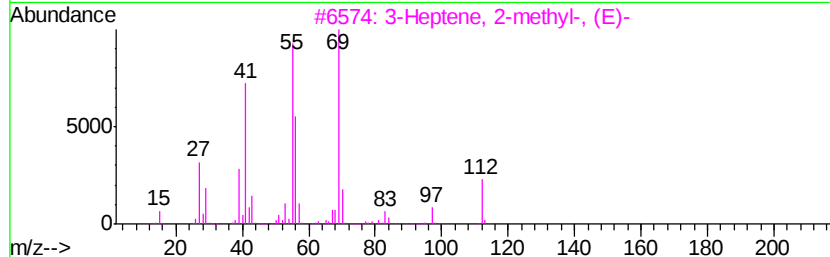
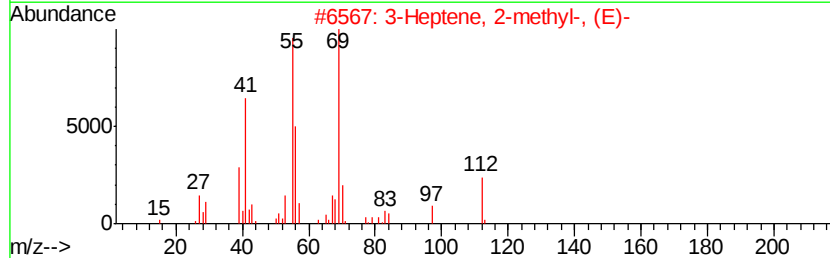
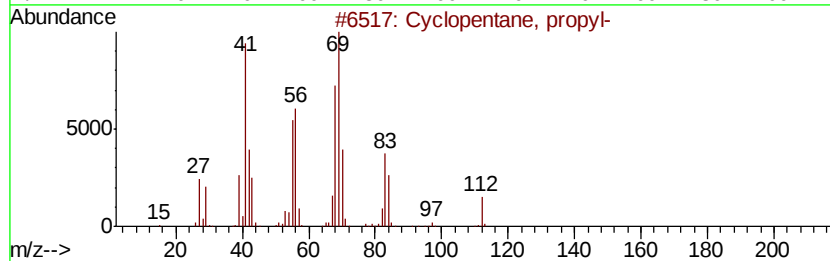
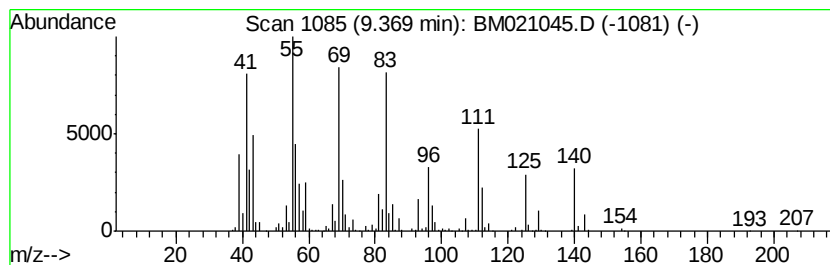
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic9.37 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	11.43 ng/ul	2128470	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, propyl-	112	C8H16	002040-96-2	46
2		3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	42
3		3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	38
4		3-Heptene, 2-methyl-	112	C8H16	017618-76-7	38
5		3-Heptene, 4-methyl-	112	C8H16	004485-16-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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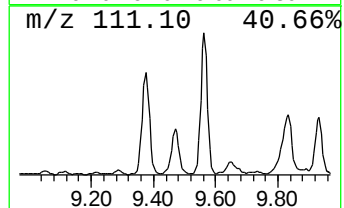
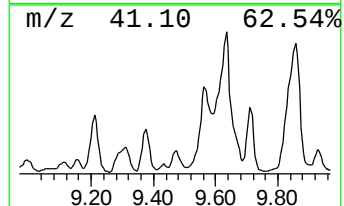
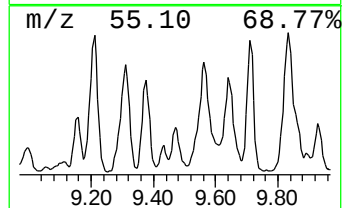
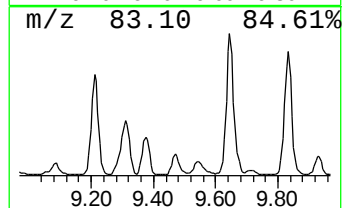
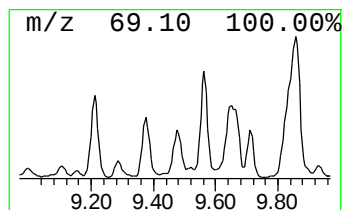
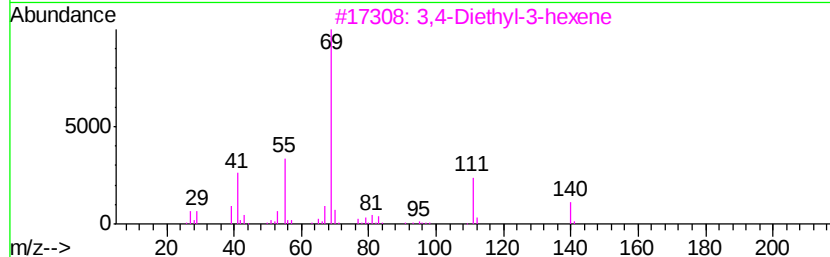
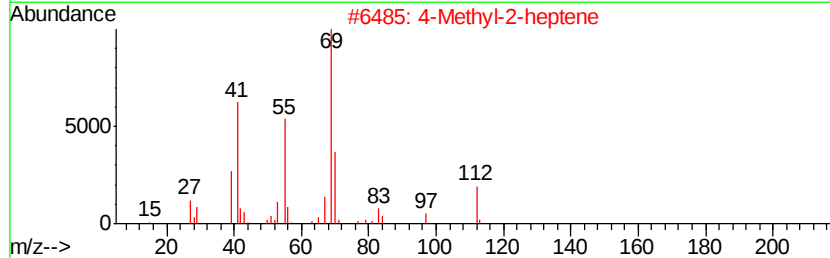
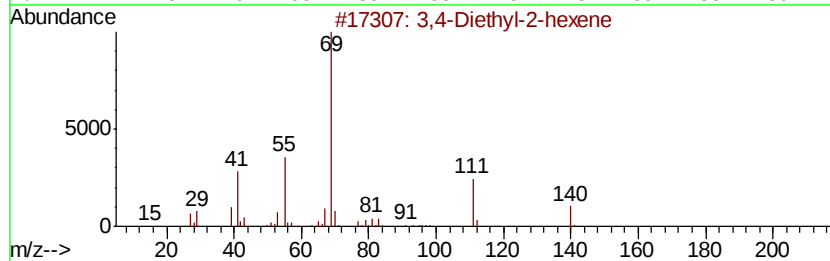
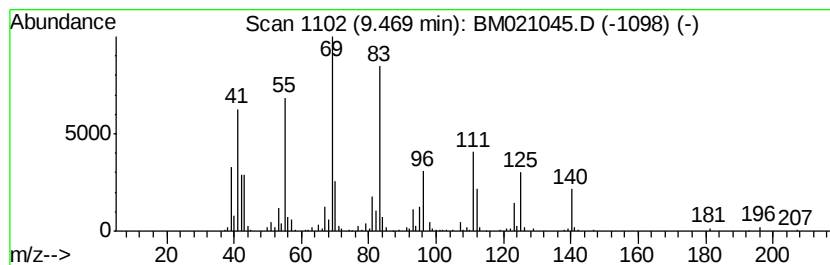
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic9.47 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	6.19 ng/ul	1153420	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			4-Methyl-2-heptene	112	C8H16	003404-56-6	38
3			3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	35
4			2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	30
5			2-Methyl-2-heptene	112	C8H16	000627-97-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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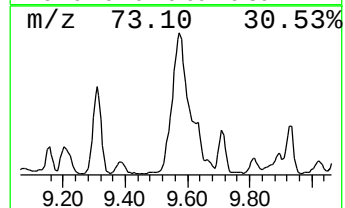
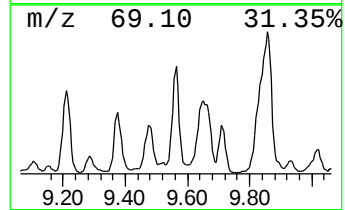
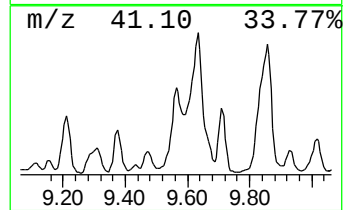
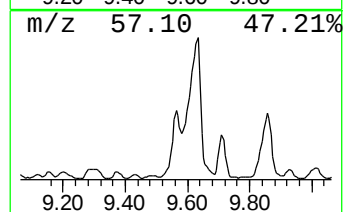
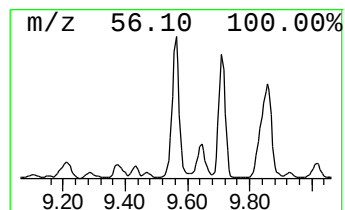
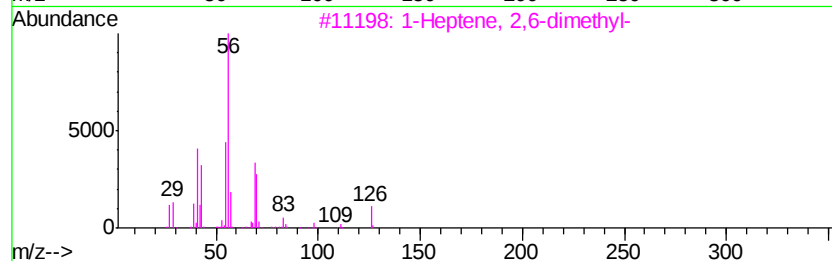
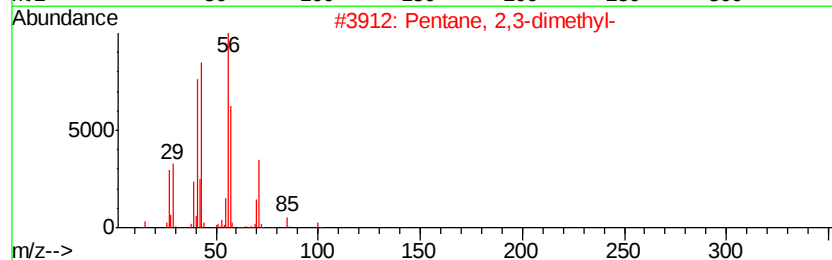
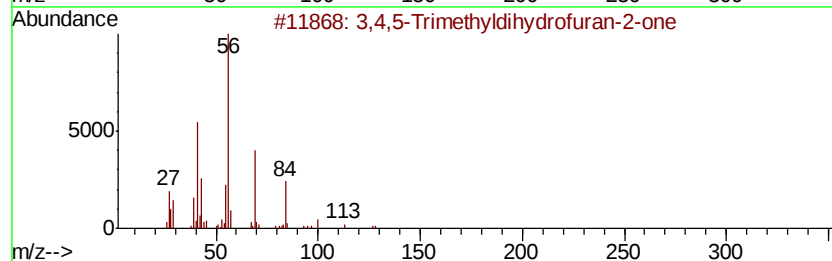
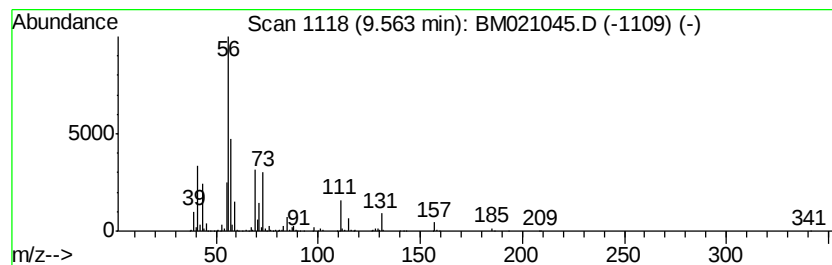
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-08 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	31.55 ng/ul	5874480	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	38
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	37
3		1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	37
4		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	37
5		1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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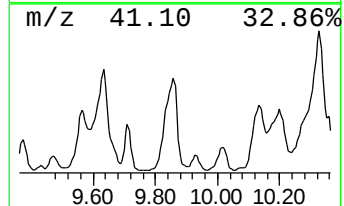
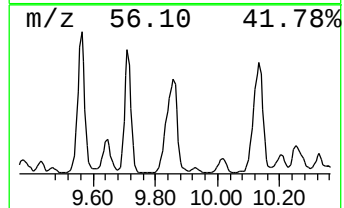
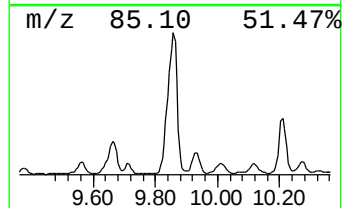
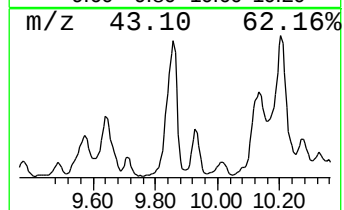
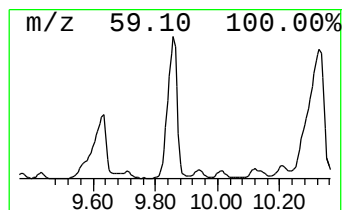
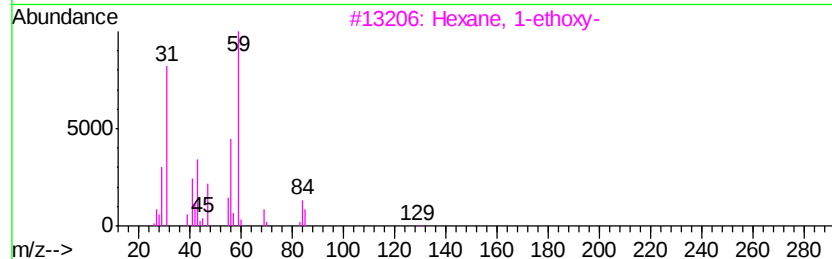
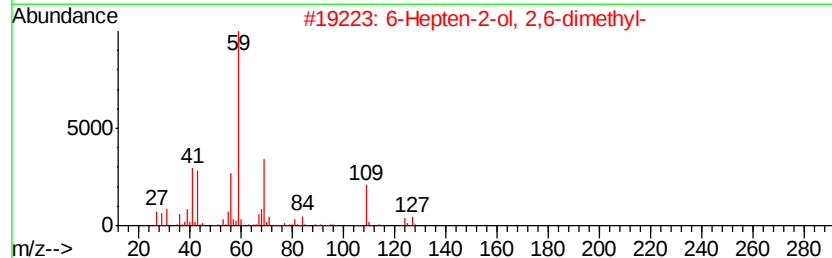
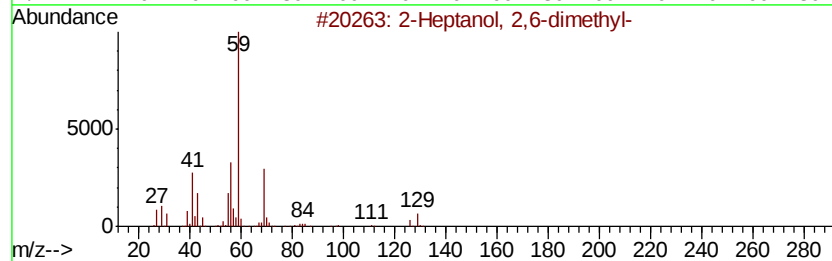
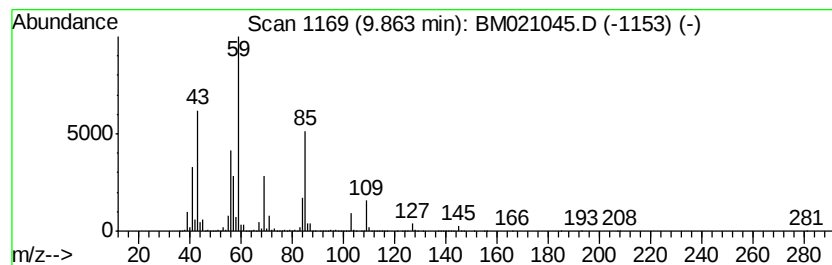
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-09 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	69.82 ng/ul	13002100	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptanol, 2,6-dimethyl-	144	C9H20O	013254-34-7	47
2		6-Hepten-2-ol, 2,6-dimethyl-	142	C9H18O	032779-58-1	47
3		Hexane, 1-ethoxy-	130	C8H18O	005756-43-4	40
4		Butanamide	87	C4H9NO	000541-35-5	38
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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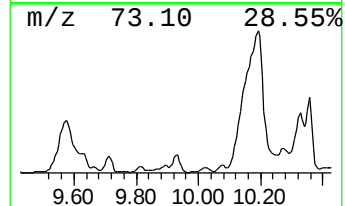
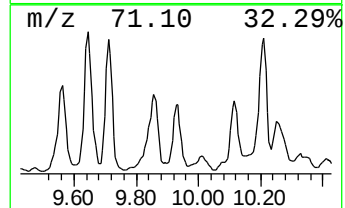
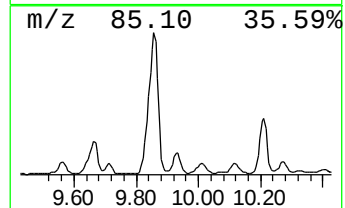
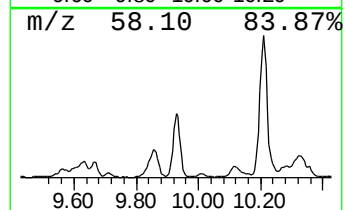
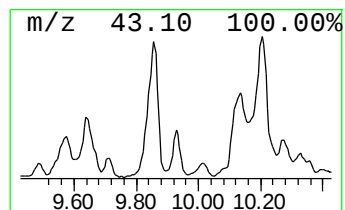
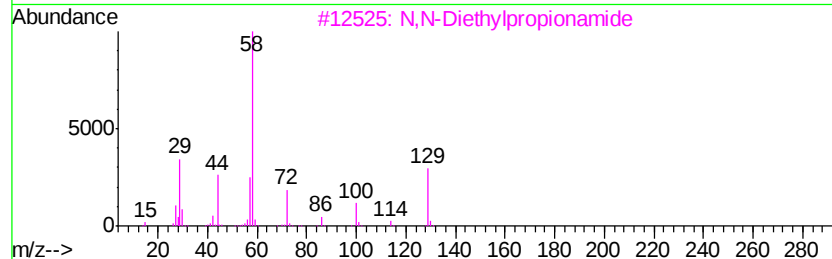
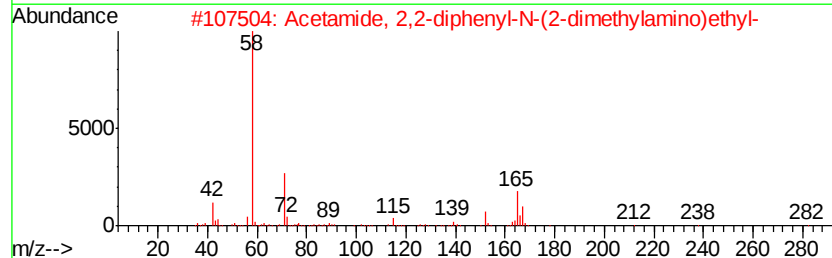
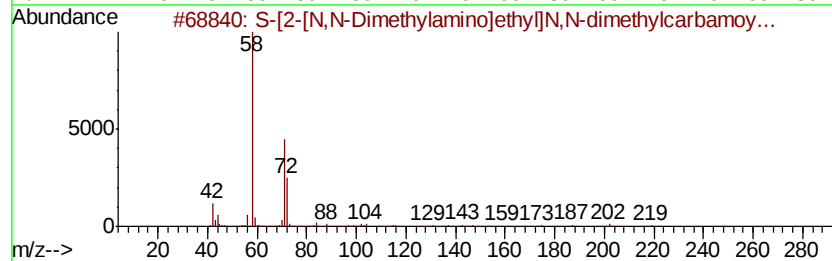
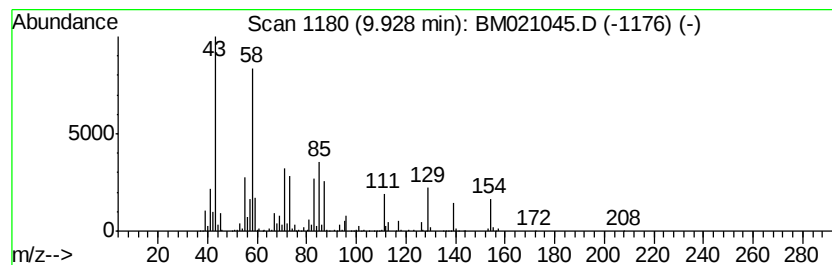
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-10 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	10.55 ng/ul	1965130	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	S-[2-[N,N-Dimethylamino]ethyl]N,...	219	C8H17N3O2S	1000212-14-4	27
2		Acetamide, 2,2-diphenyl-N-(2-dim...	282	C18H22N2O	130234-38-7	27
3		N,N-Diethylpropionamide	129	C7H15NO	001114-51-8	27
4		2-Octanone	128	C8H16O	000111-13-7	27
5		Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

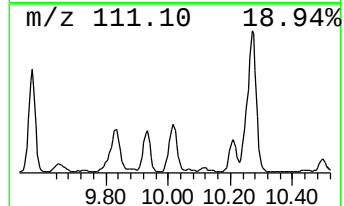
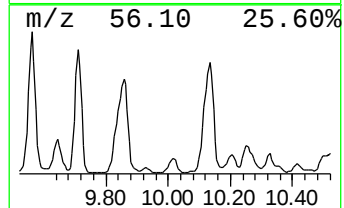
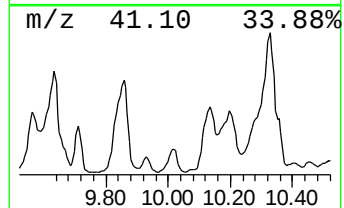
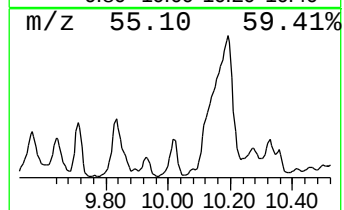
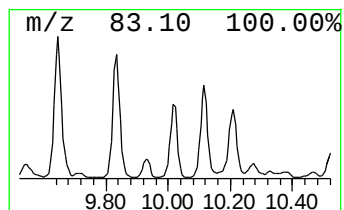
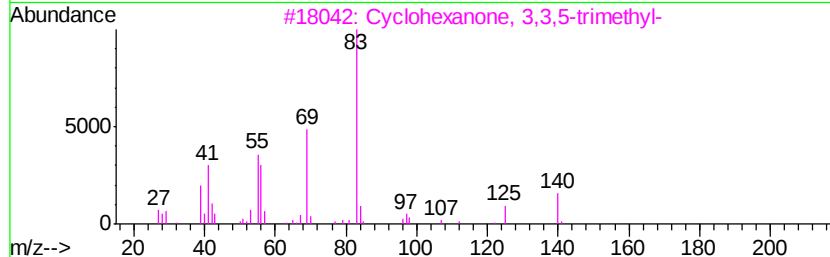
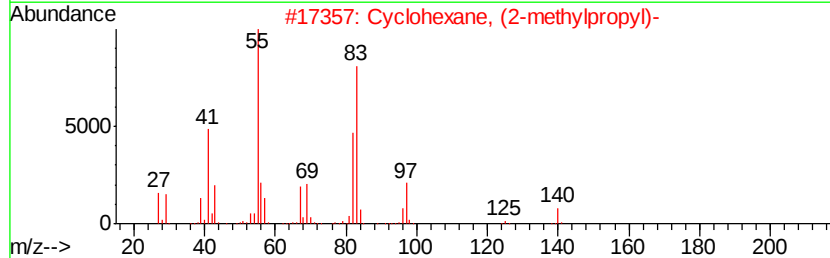
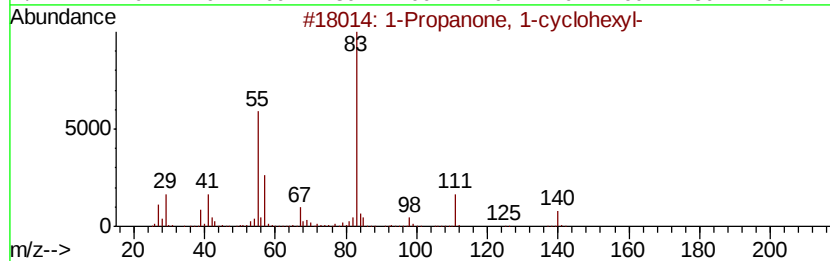
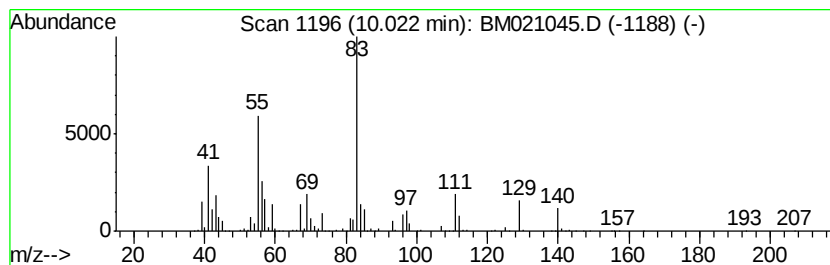
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-11 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	13.36 ng/ul	2488520	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanone, 1-cvclohexvl-	140	C9H16O	001123-86-0	49
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
3		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	47
4		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	47
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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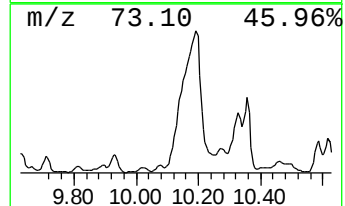
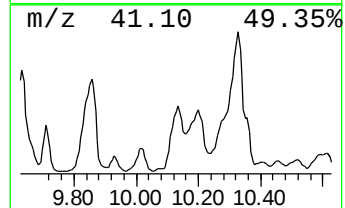
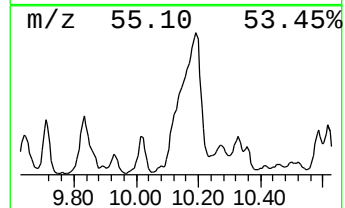
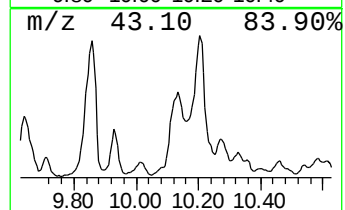
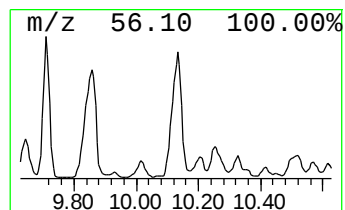
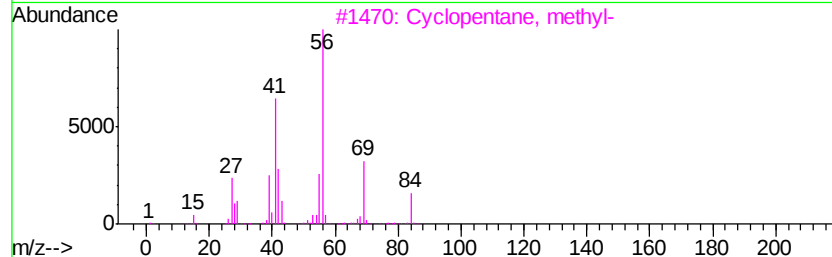
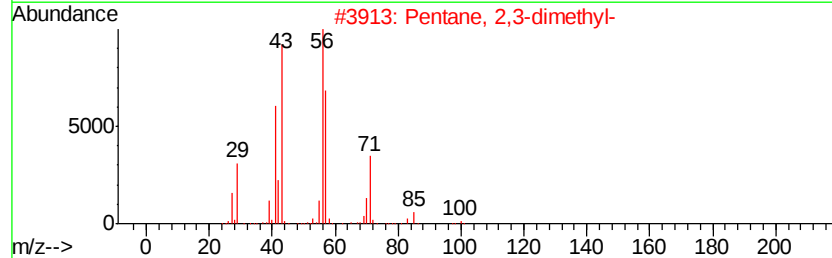
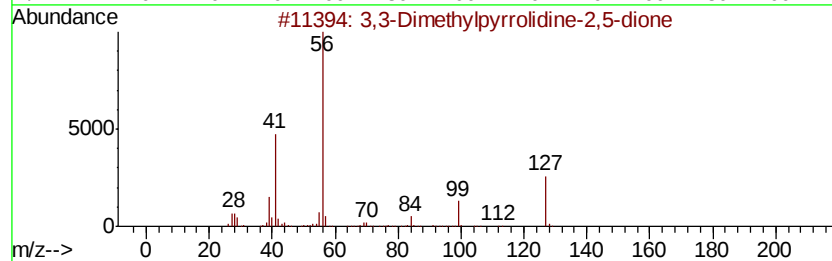
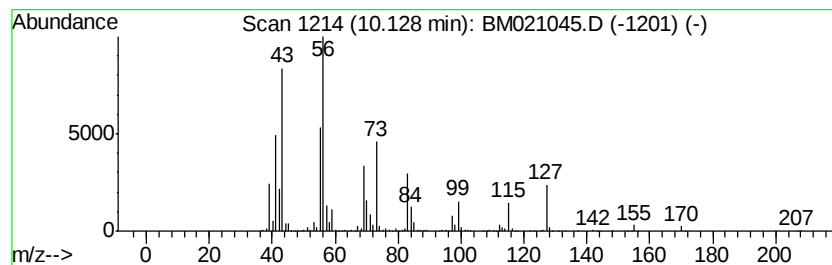
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 3,3-Dimethylpyrrolidine-2,5... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	46.52 ng/ul	8663690	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3-Dimethylpyrrolidine-2,5-dione	127	C6H9N02	003437-29-4	50
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	49
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	49
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	47
5		Cyclohexanol, 2-amino-, cis-	115	C6H13NO	000931-15-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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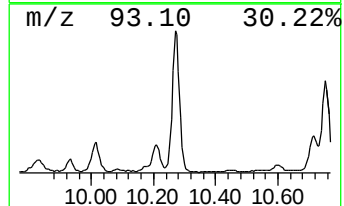
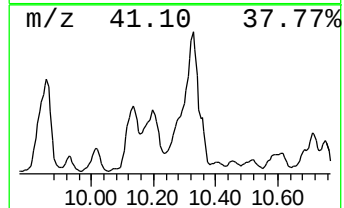
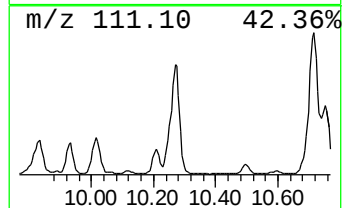
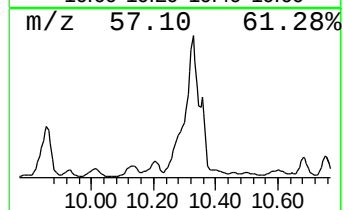
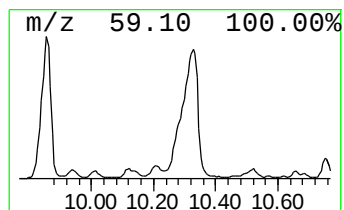
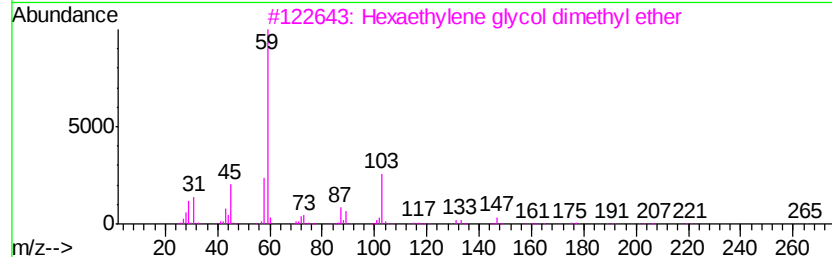
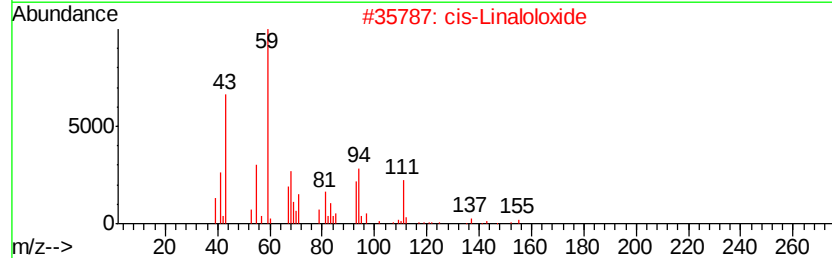
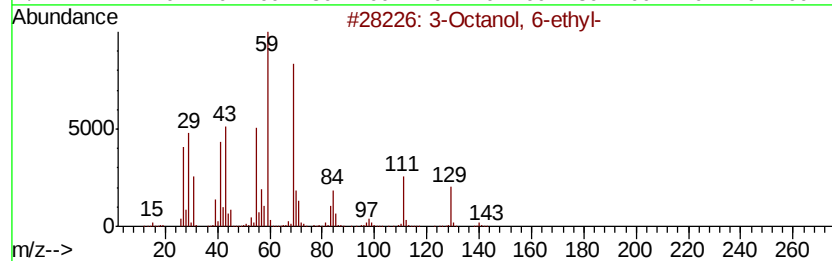
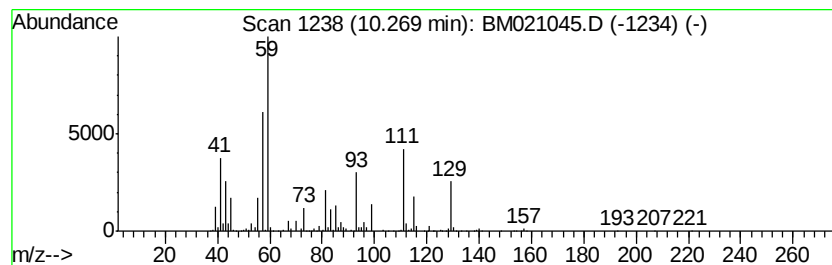
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-12 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	12.07 ng/ul	2248270	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanol, 6-ethyl-	158	C10H22O	019781-27-2	40
2		cis-Linaloloxide	170	C10H18O2	1000121-97-4	28
3		Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	25
4		Allyl(n-pentyl)dimethylsilane	170	C10H22Si	136935-68-7	23
5		Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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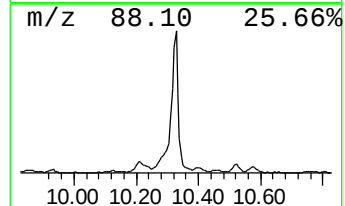
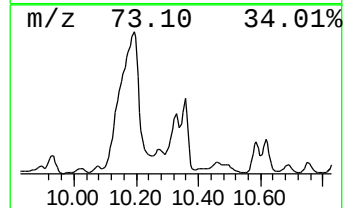
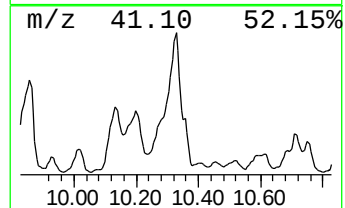
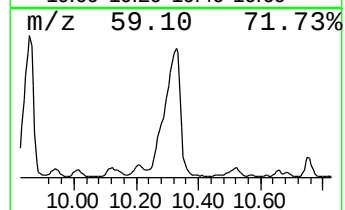
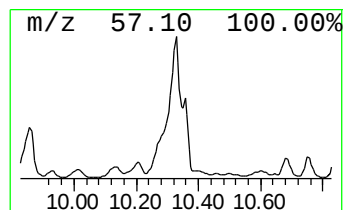
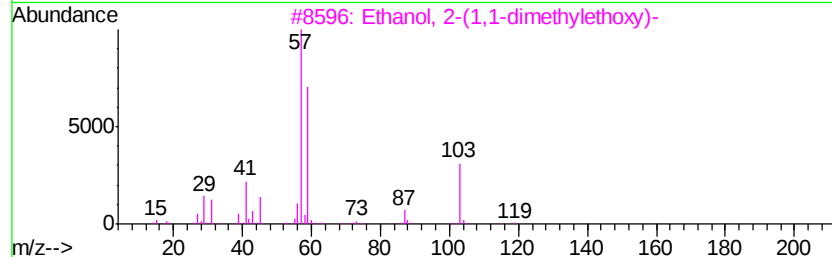
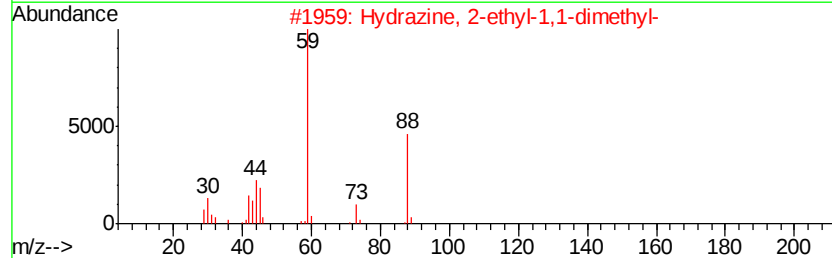
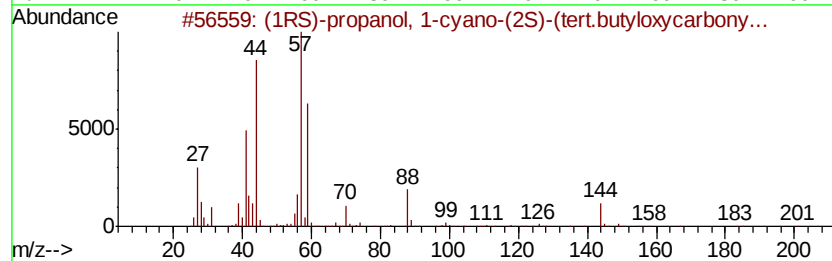
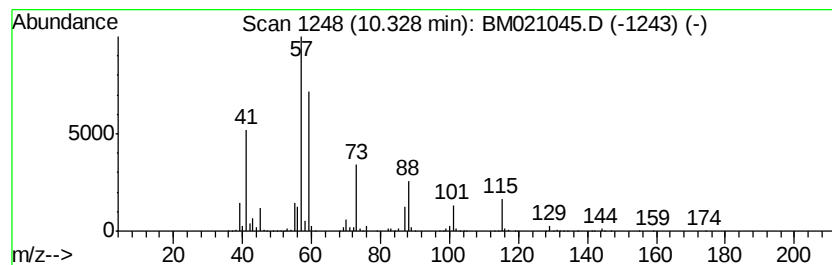
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-13 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	20.86 ng/ul	3884380	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-propanol, 1-cyano-(2S)-(te...	200	C9H16N2O3	1000164-94-2	47
2		Hydrazine, 2-ethyl-1,1-dimethyl-	88	C4H12N2	029559-82-8	38
3		Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	38
4		4-Keto-3,3-dimethylhexanoic acid...	186	C10H18O3	1000129-20-1	38
5		Propane, 1-ethoxy-	88	C5H12O	000628-32-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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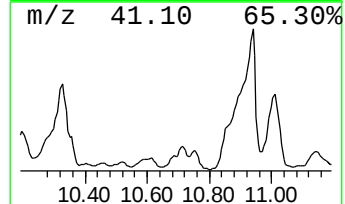
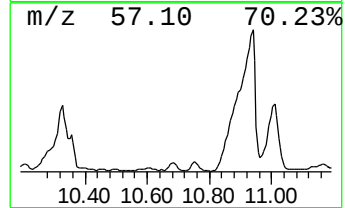
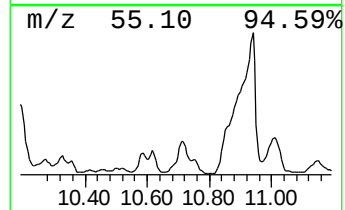
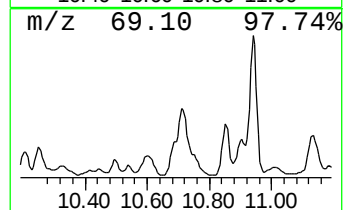
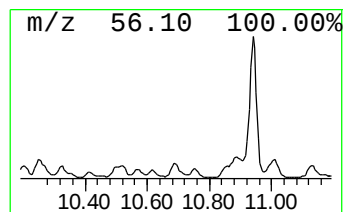
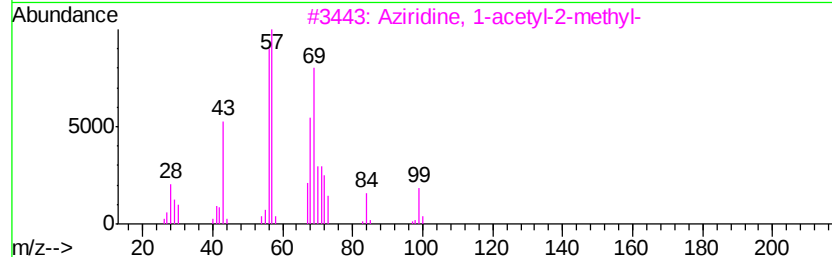
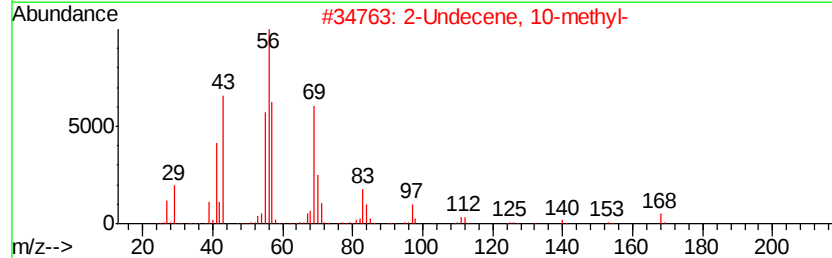
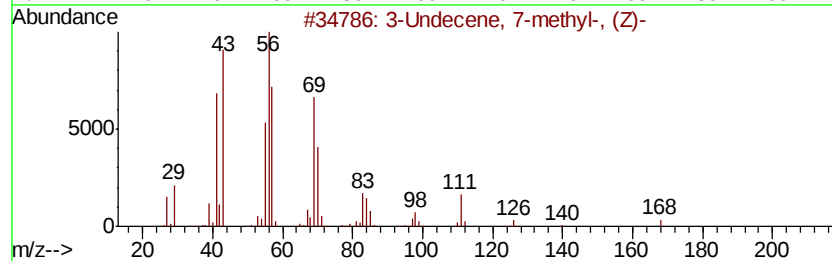
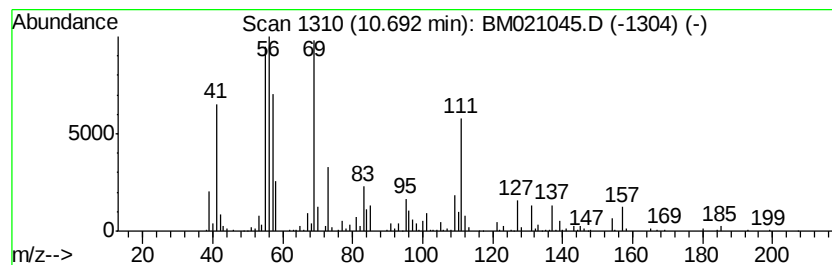
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Cyclic10.69 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	6.10 ng/ul	1136690	Napthalene-d8	10.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Undecene, 7-methyl-, (Z)-	168	C12H24	074630-49-2	43	
2	2	Undecene, 10-methyl-	168	C12H24	1000061-83-3	32	
3		Aziridine, 1-acetyl-2-methyl-	99	C5H9NO	013416-47-2	32	
4		Nonane, 4-methylene-	140	C10H20	033717-91-8	14	
5		3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	14	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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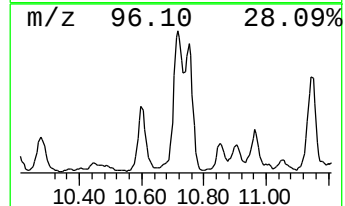
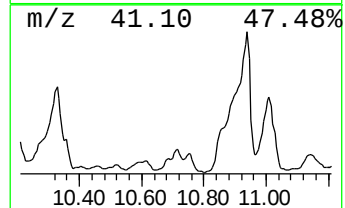
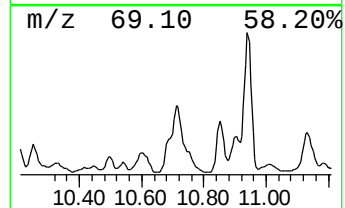
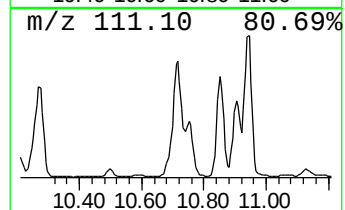
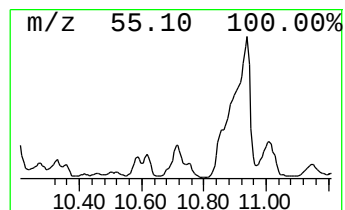
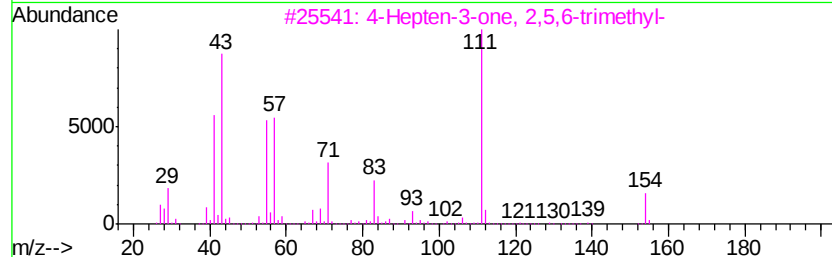
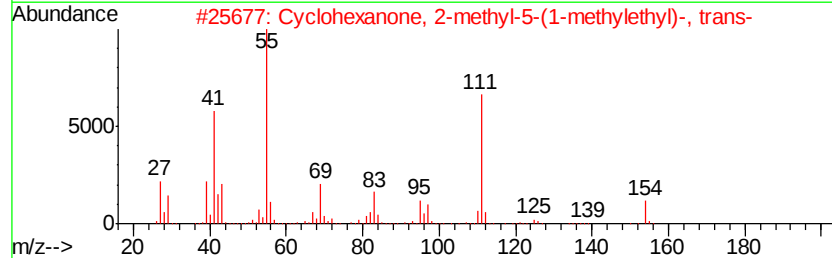
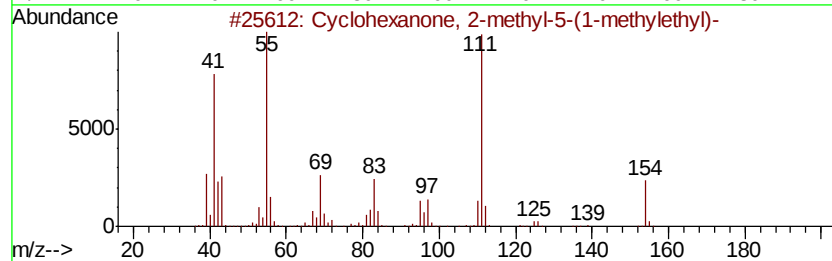
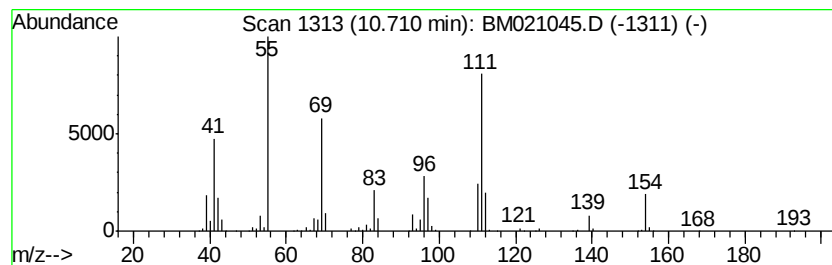
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Cyclohexanone, 2-methyl-5-(... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	9.59 ng/ul	1785640	Naphthalene-d8	10.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	68
2			Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	000499-70-7	50
3			4-Hepten-3-one, 2,5,6-trimethyl-	154	C10H18O	016466-21-0	47
4			5-Amino-1,3-dimethylpyrazole	111	C5H9N3	003524-32-1	43
5			6-Isopropyl-2,3-dihydropyran-2,4...	154	C8H10O3	035236-83-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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ClientSampleId :
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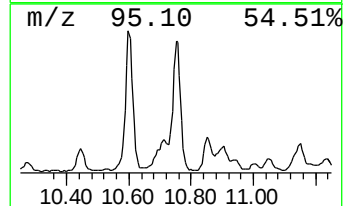
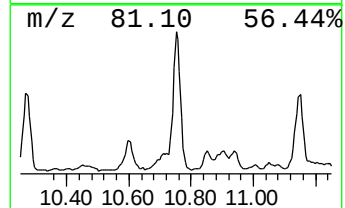
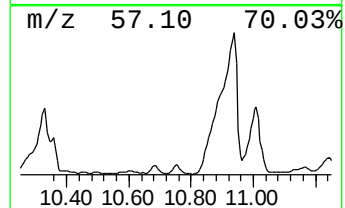
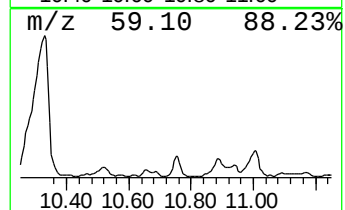
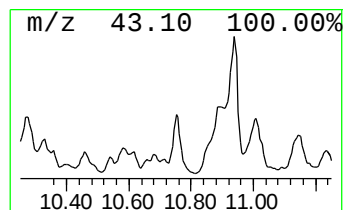
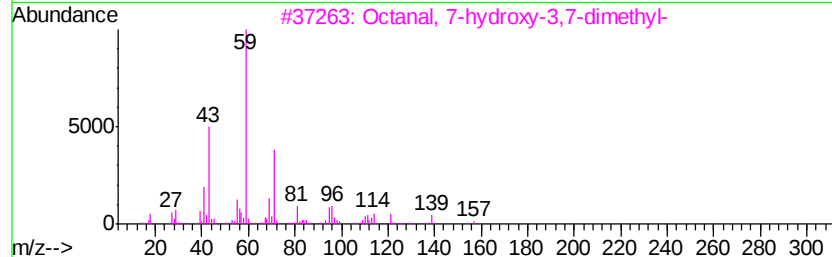
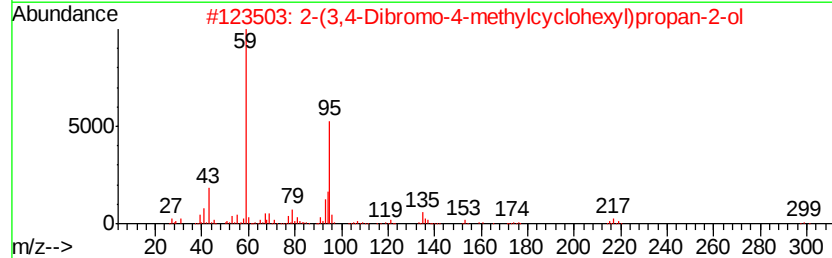
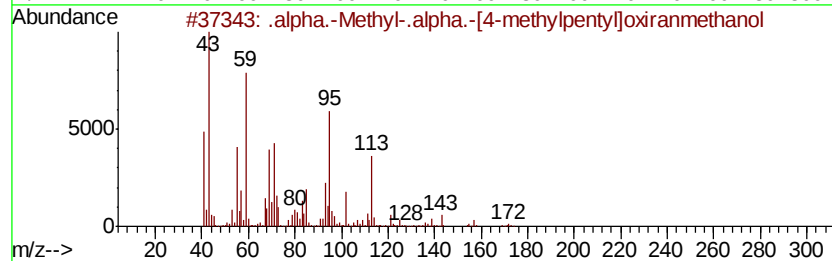
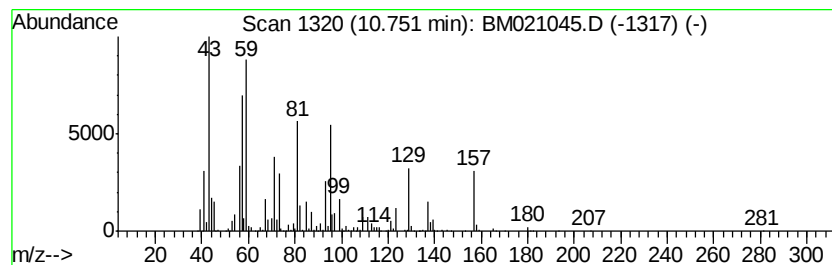
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-14 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	16.84 ng/ul	3135510	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Methyl-.alpha.-[4-methyl...	172	C10H20O2	107358-56-5	40
2		2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	32
3		Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	25
4		5,9-Dimethyl-3-decanol	186	C12H26O	019550-53-9	25
5		Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

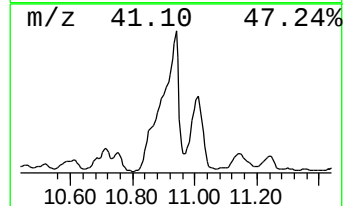
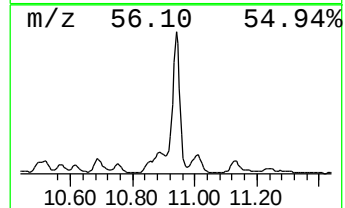
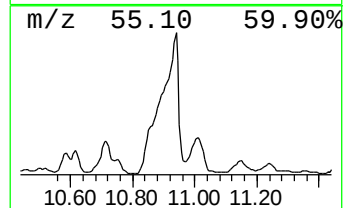
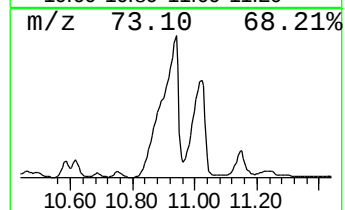
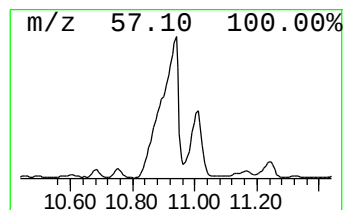
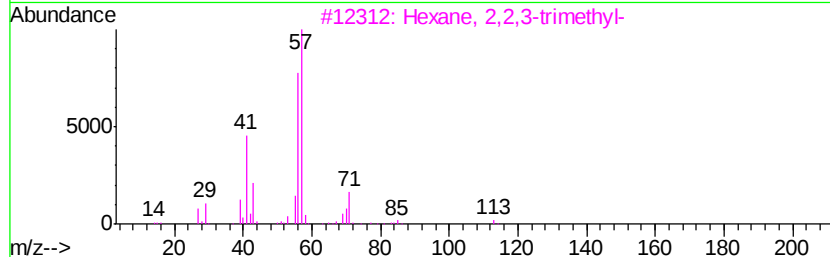
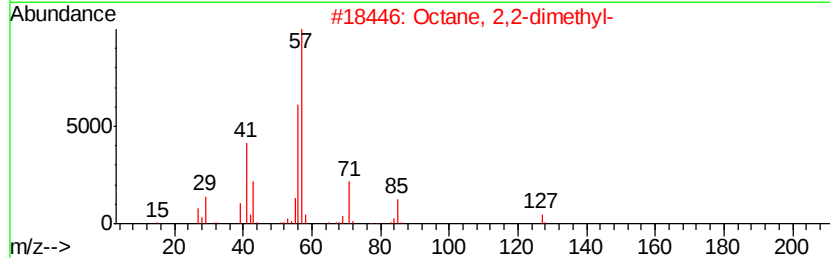
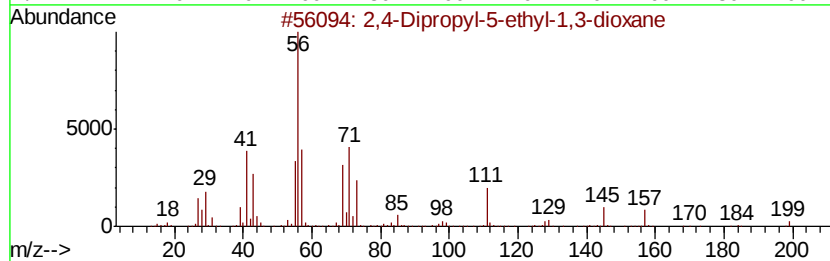
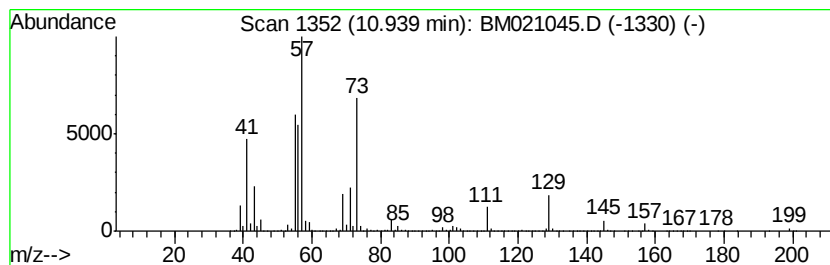
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	176.23 ng/ul	32818900	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	59
2		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	47
3		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	38
4		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

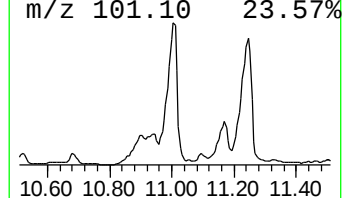
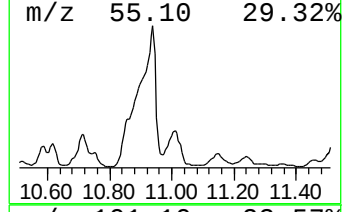
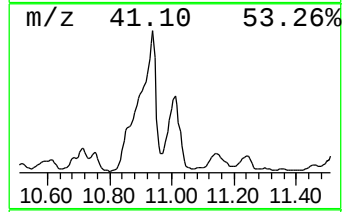
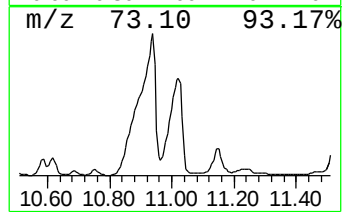
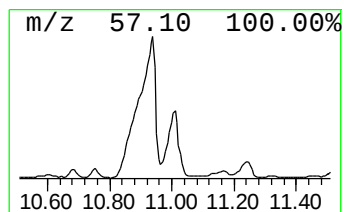
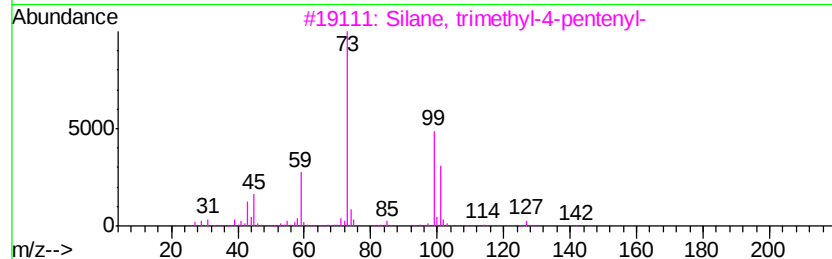
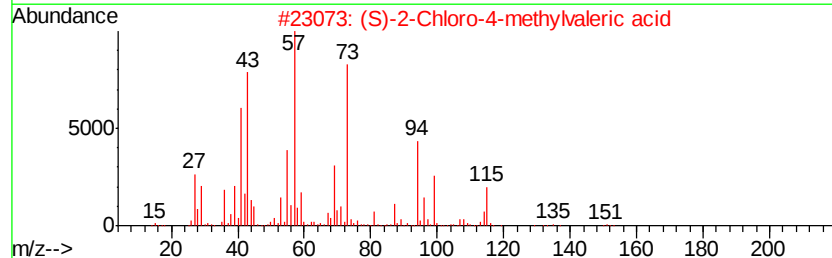
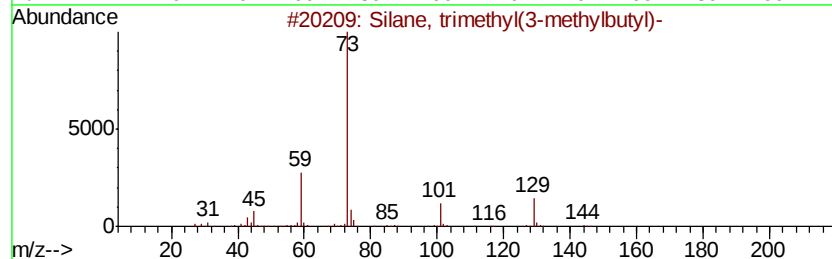
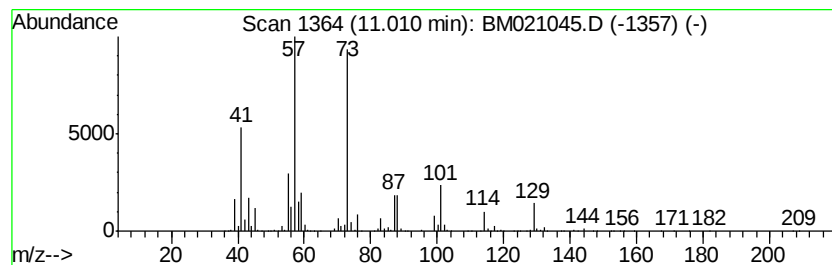
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	57.87 ng/ul	10776100	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trimethyl(3-methylbutyl)-	144	C8H20Si	018291-15-1	35
2		(S)-2-Chloro-4-methylvaleric acid	150	C6H11ClO2	028659-81-6	32
3		Silane, trimethyl-4-pentenyl-	142	C8H18Si	000763-21-3	32
4		3,4,4-Trimethyl-3-pentanol	130	C8H18O	007294-05-5	25
5		3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

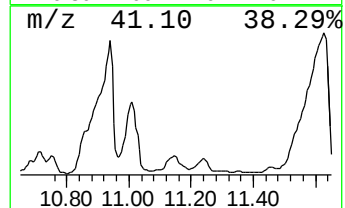
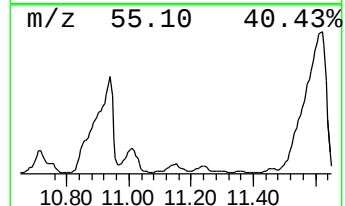
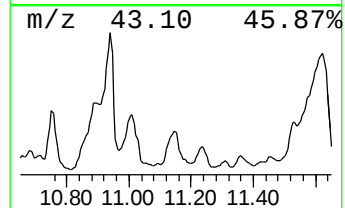
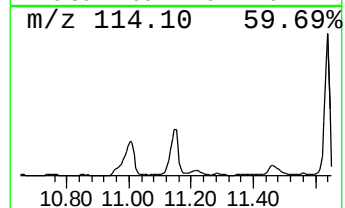
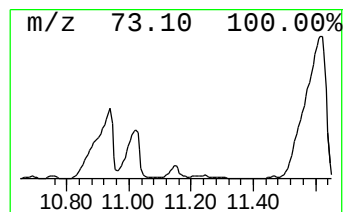
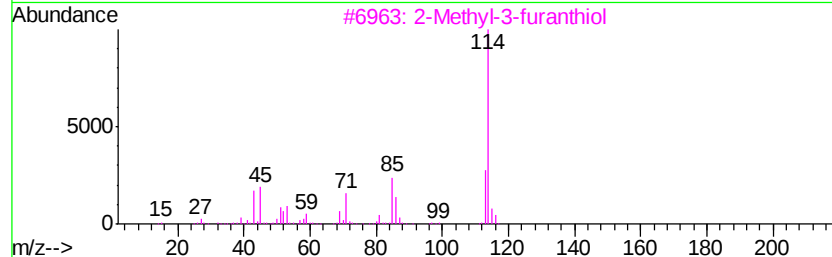
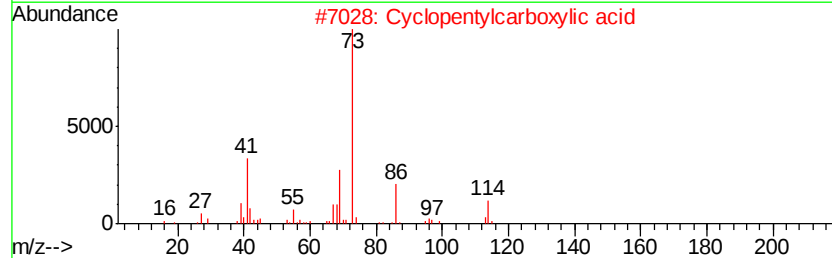
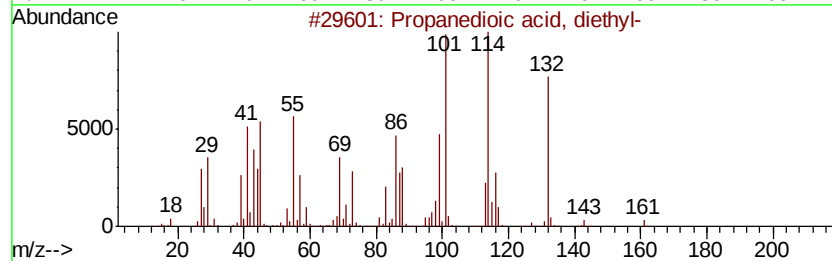
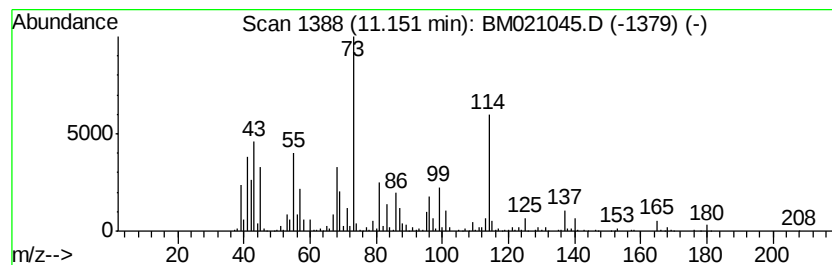
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Propanedioic acid, diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	22.07 ng/ul	4109090	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedioic acid, diethyl-	160	C7H12O4	000510-20-3	50
2		Cyclopentylcarboxylic acid	114	C6H10O2	003400-45-1	47
3		2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	22
4		Glycine, N-(N-ethyl-L-leucyl)-	245	C10H19N3O4	002576-67-2	17
5		5-(3-Ethoxy-4,5-dihydro-isoxazol...	227	C9H13N3O4	1000185-24-7	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

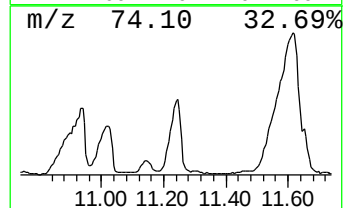
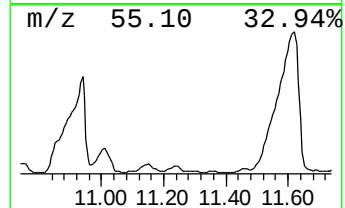
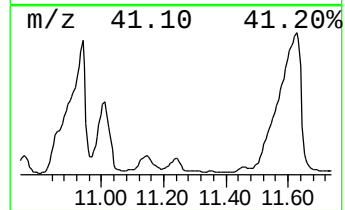
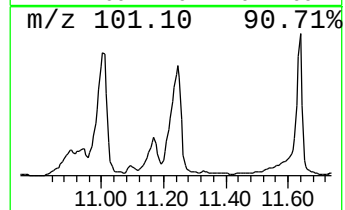
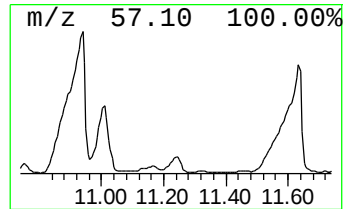
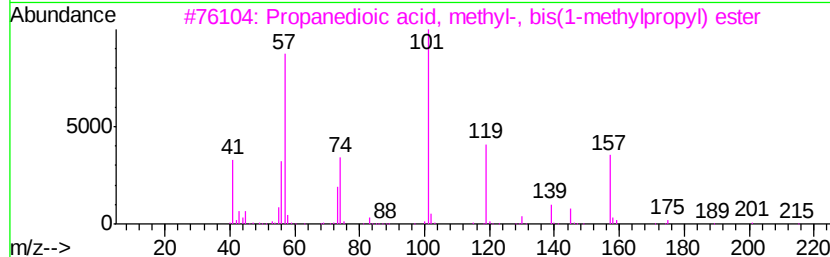
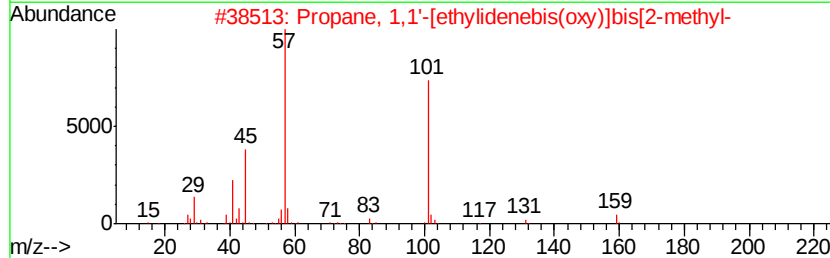
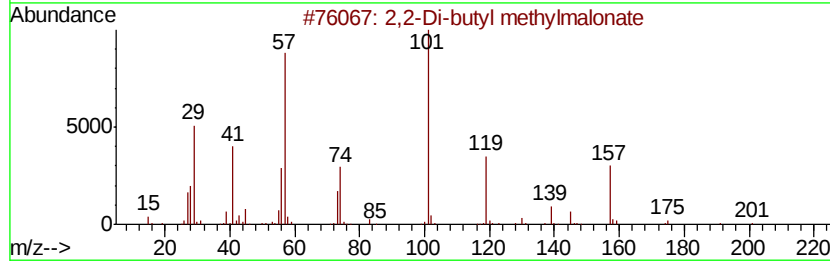
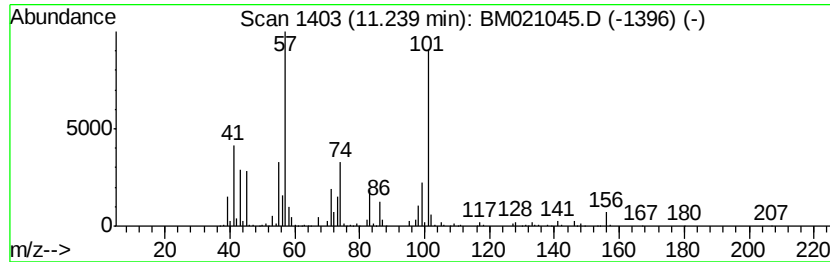
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 2,2-Di-butyl methylmalonate Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	13.24 ng/ul	2465100	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Di-butyl methylmalonate	230	C12H22O4	036602-12-7	50
2		Propane, 1,1'-[ethylidenebis(oxv...]	174	C10H22O2	005669-09-0	47
3		Propanedioic acid, methyl-, bis(...]	230	C12H22O4	057983-27-4	42
4		2,3,4-Trimethyl-d-xvlose	192	C8H16O5	1000130-00-4	38
5		Butanedioic acid, monomethyl ester	132	C5H8O4	003878-55-5	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

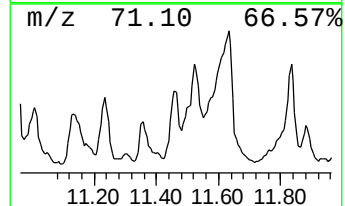
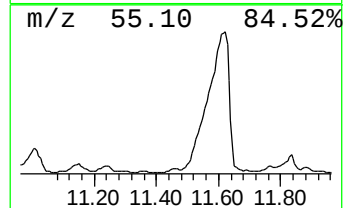
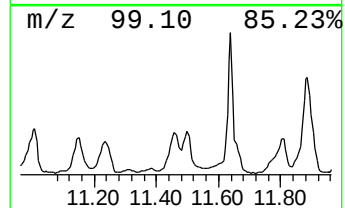
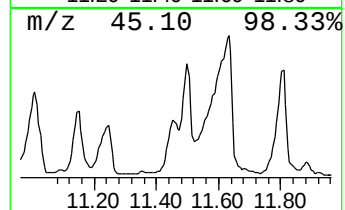
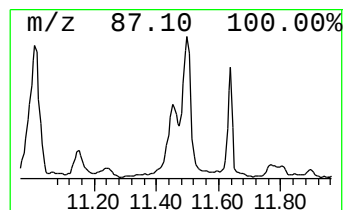
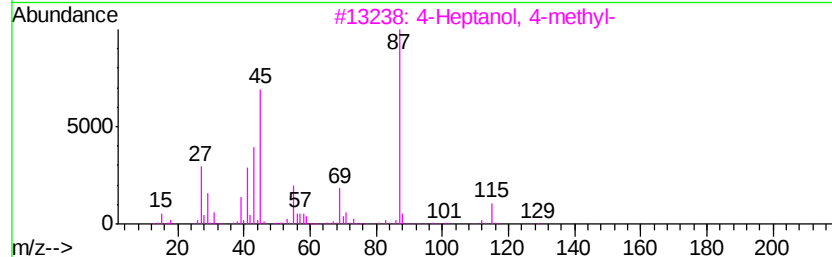
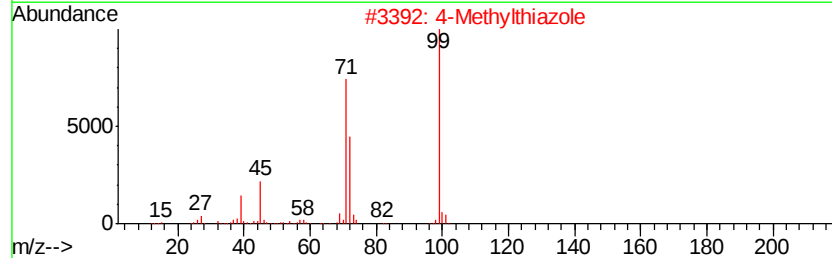
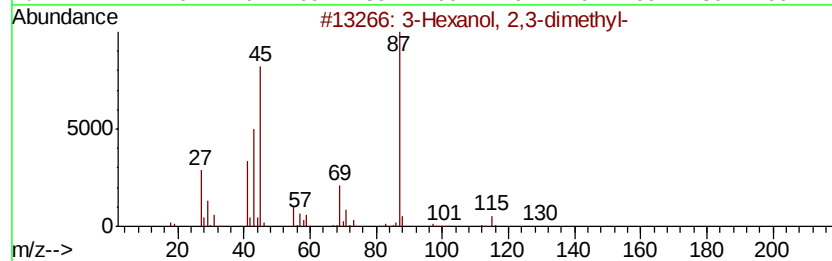
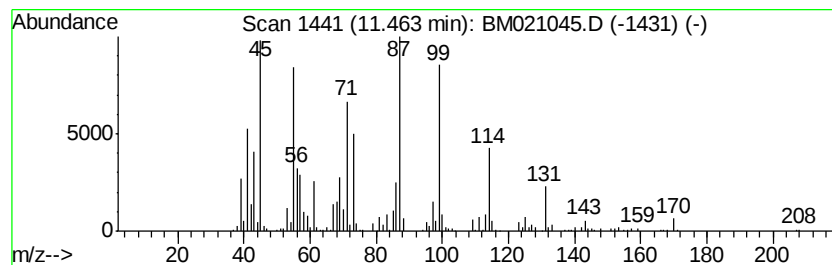
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 unknown-16 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	7.61 ng/ul	1416970	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexanol, 2,3-dimethyl-	130	C8H18O	004166-46-5	38
2		4-Methylthiazole	99	C4H5NS	000693-95-8	38
3		4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	35
4		Propane, 1,1'-[ethylidenebis(oxv...	146	C8H18O2	000105-82-8	35
5		Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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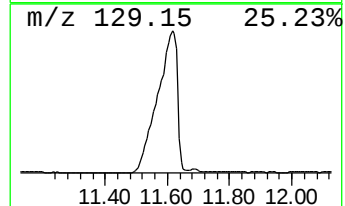
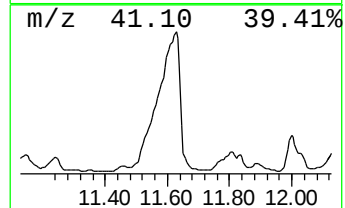
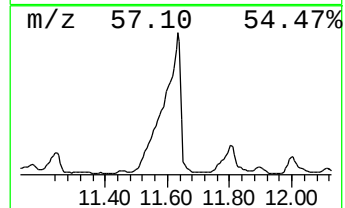
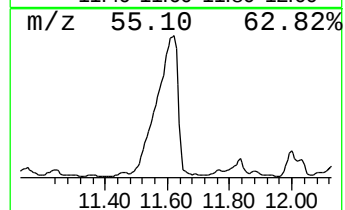
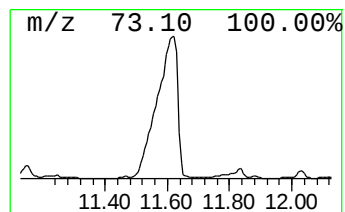
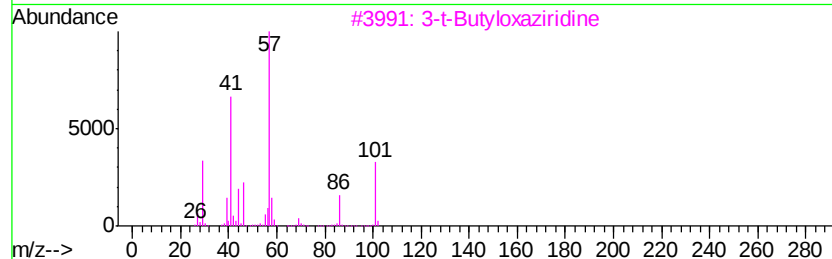
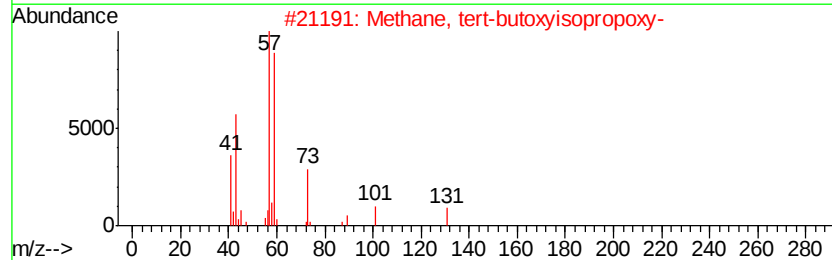
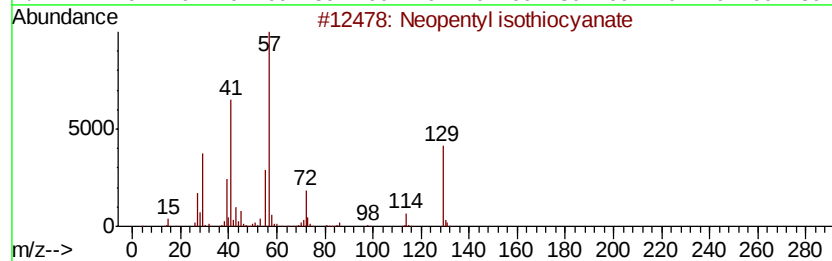
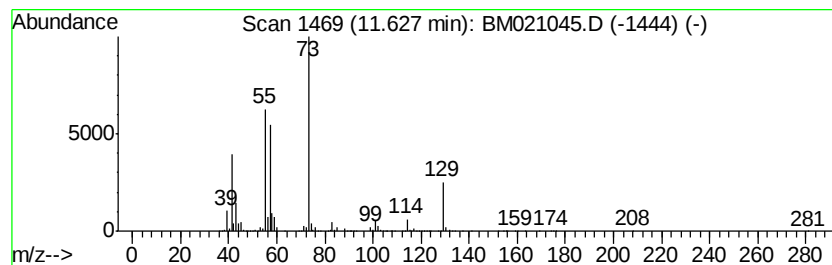
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	221.47 ng/ul	41242400	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Neopentyl isothiocyante	129	C6H11NS	000597-97-7	23
2		Methane, tert-butoxyisopropoxy-	146	C8H18O2	004346-01-4	16
3		3-t-Butyloxaziridine	101	C5H11NO	1000195-05-2	14
4		Butane, 2,3-dimethoxy-2-methyl-	132	C7H16O2	074421-00-4	12
5		Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

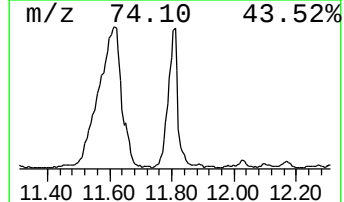
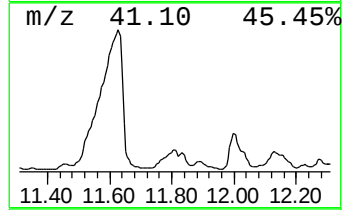
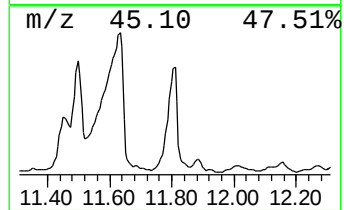
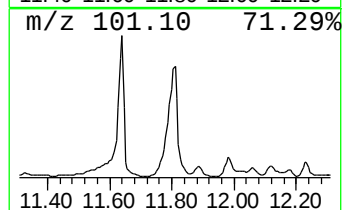
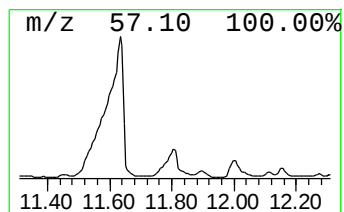
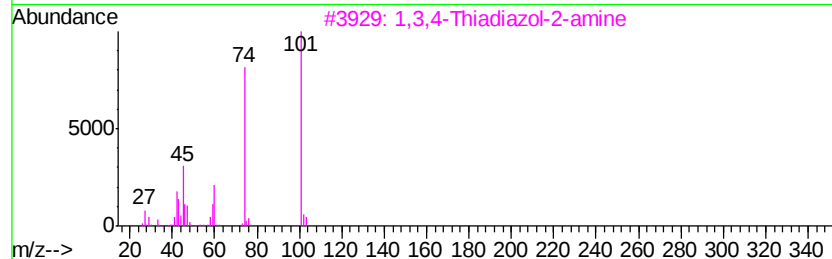
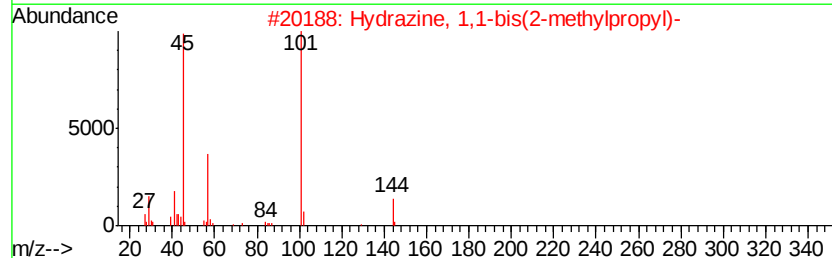
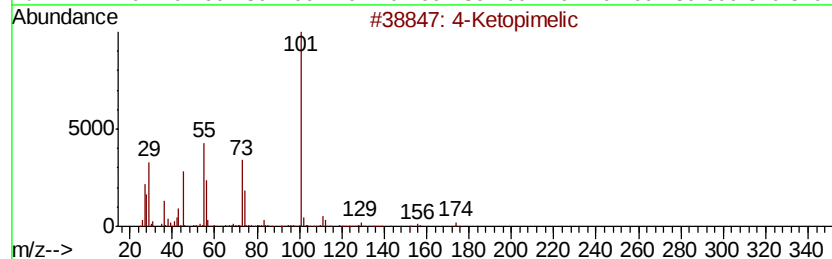
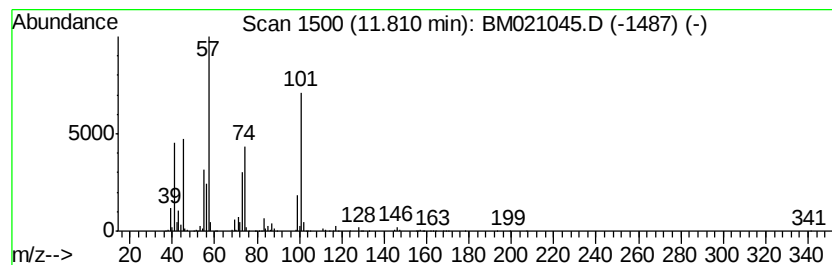
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-18 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	20.57 ng/ul	3830250	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Ketopimelic	174	C7H10O5	000502-50-1	37
2		Hydrazine, 1,1-bis(2-methylpropyl)-	144	C8H20N2	016596-38-6	35
3		1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	32
4		Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	32
5		2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB8J9

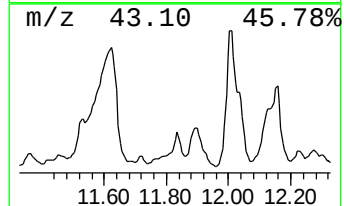
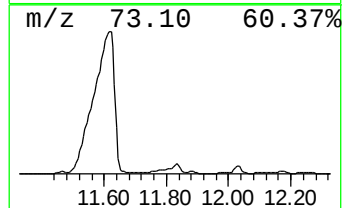
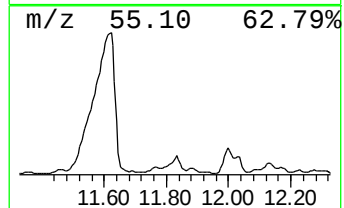
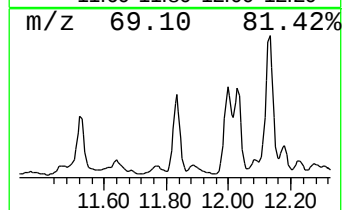
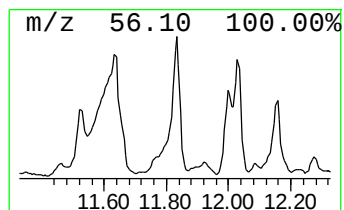
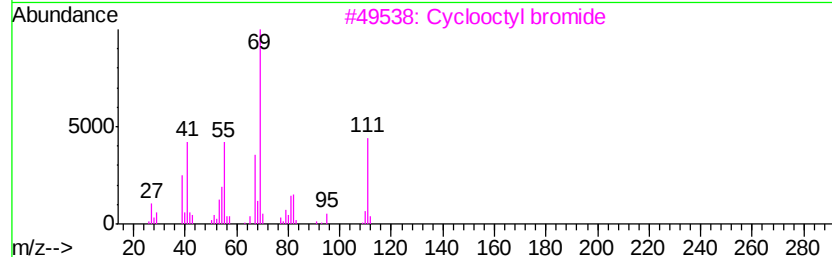
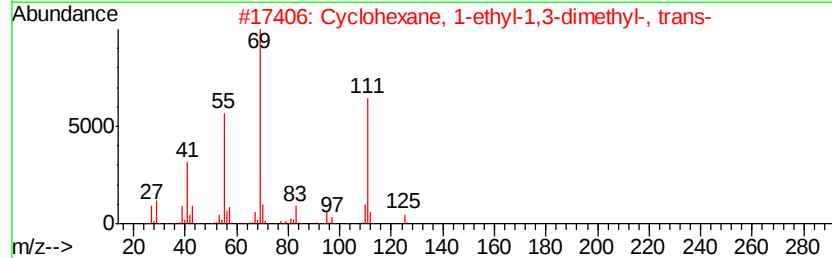
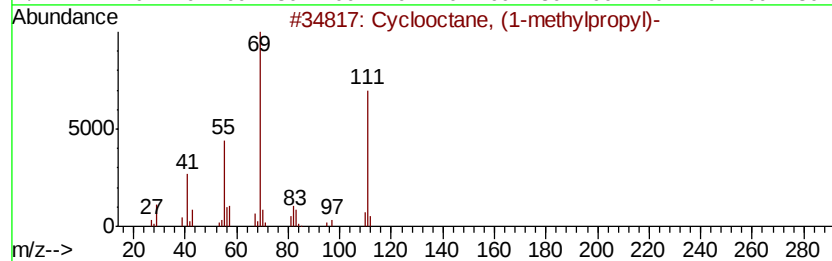
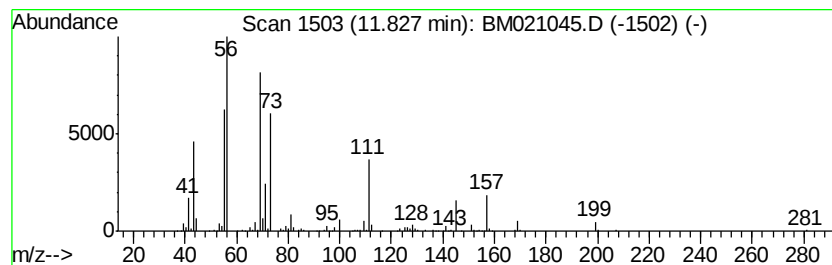
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Cyclic11.83 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	7.38 ng/ul	1375100	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
2		Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	27
3		Cyclooctyl bromide	190	C8H15Br	001556-09-8	27
4		Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-30-6	25
5		Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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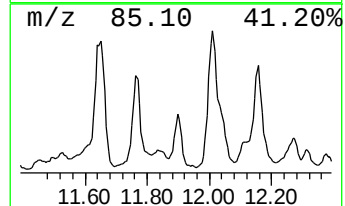
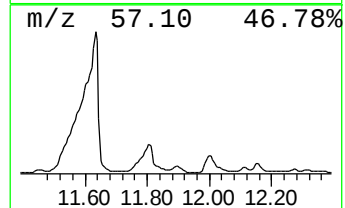
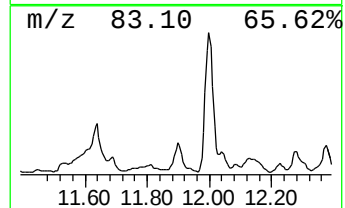
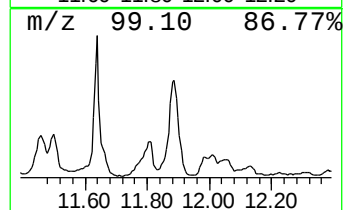
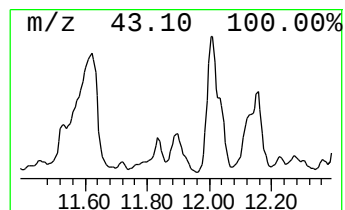
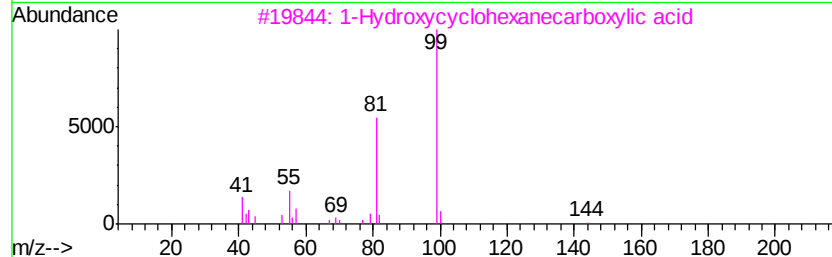
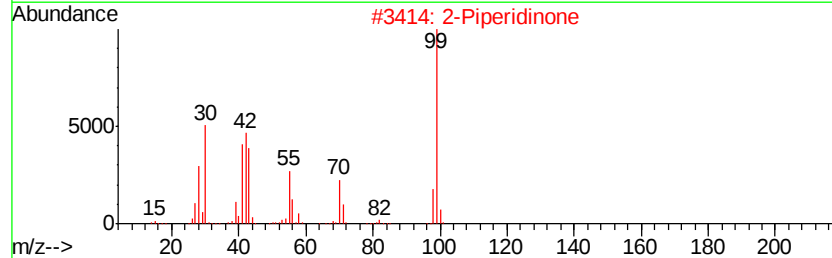
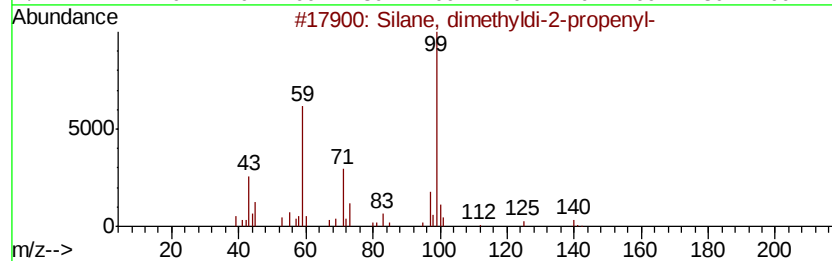
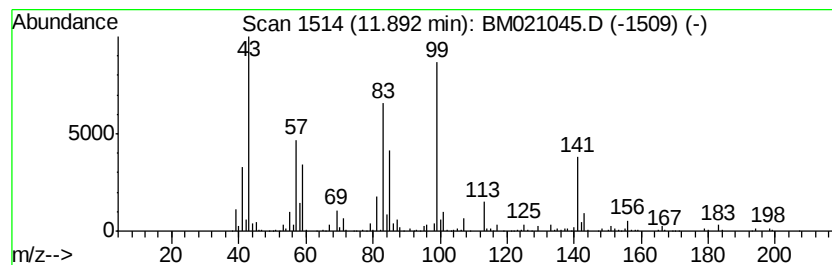
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 unknown-19 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	12.47 ng/ul	2322790	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	40
2		2-Piperidinone	99	C5H9NO	000675-20-7	30
3		1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	27
4		2-Propenoic acid, oxybis(2,1-eth...	302	C14H22O7	017831-71-9	27
5		Phosphonofluoridic acid, methyl-...	210	C9H20F02P	144313-52-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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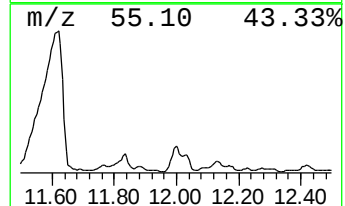
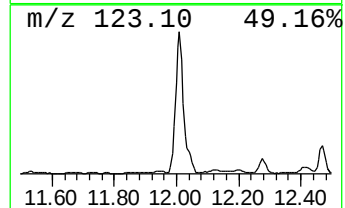
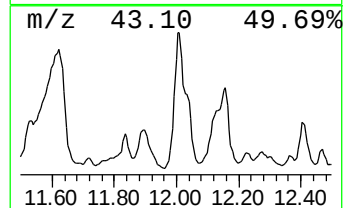
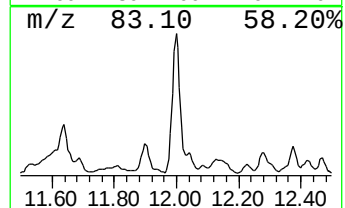
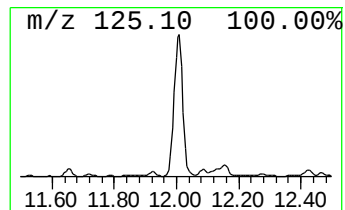
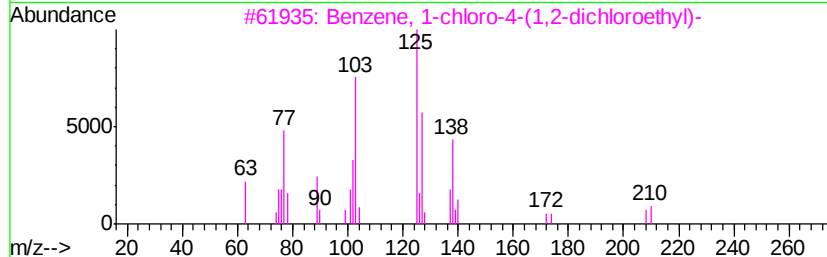
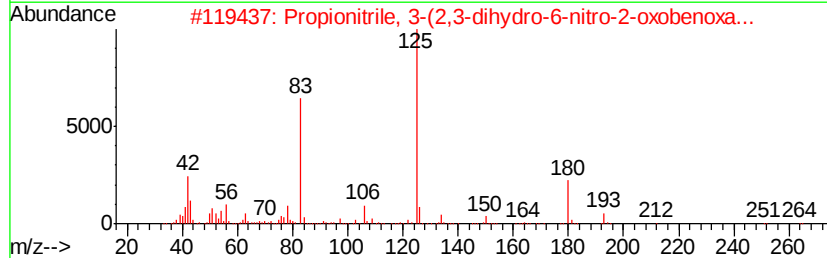
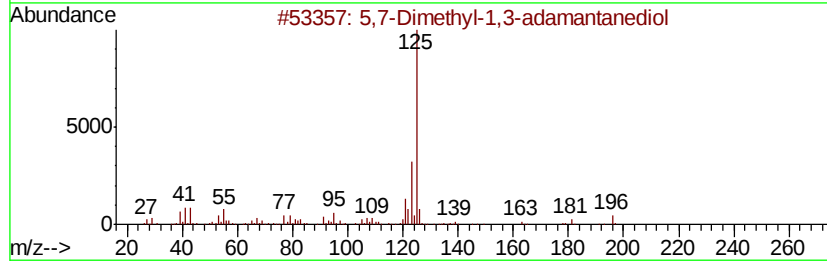
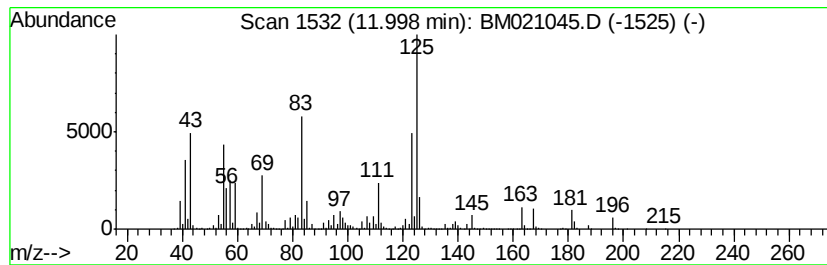
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 unknown-20 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	70.21 ng/ul	13074400	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,7-Dimethyl-1,3-adamantanediol	196	C12H20O2	010347-01-0	45
2		Propionitrile, 3-(2,3-dihydro-6-...	304	C14H16N4O4	1000293-97-2	43
3		Benzene, 1-chloro-4-(1,2-dichlor...	208	C8H7Cl3	074298-94-5	42
4		Pyrimidine, 2,4,5-triamino-	125	C4H7N5	003546-50-7	30
5		1H-Pyrazole, 4-(trimethylsilyl)-	140	C6H12N2Si	034690-52-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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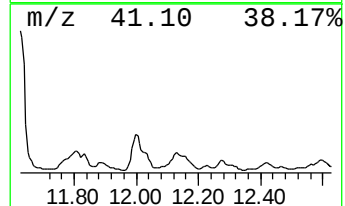
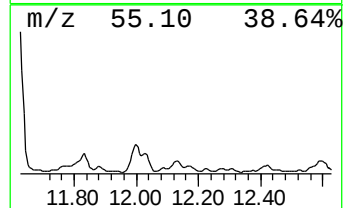
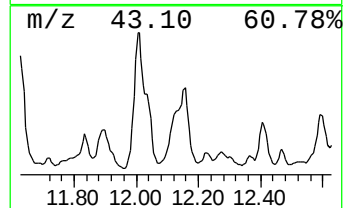
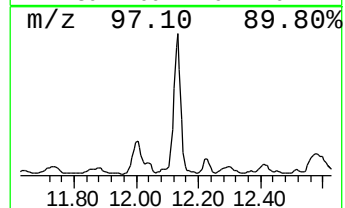
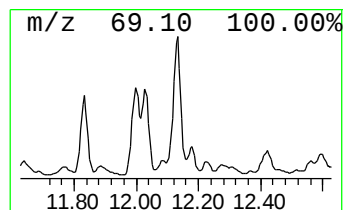
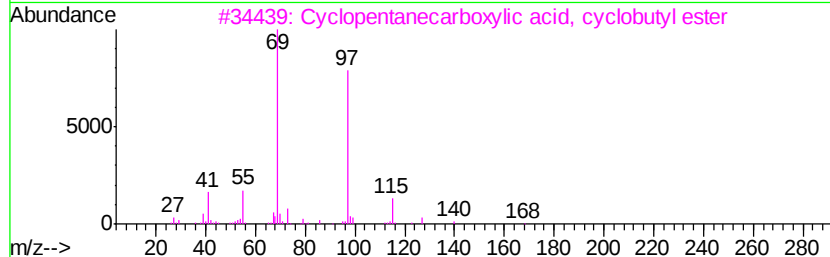
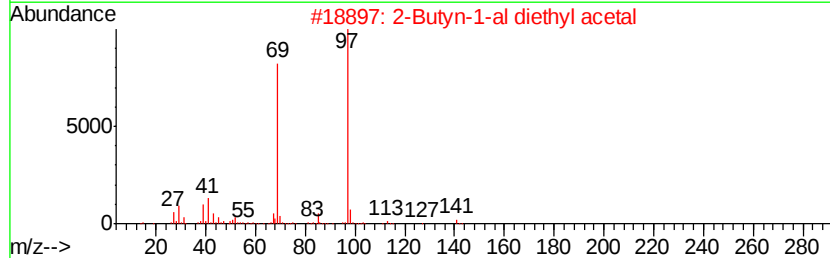
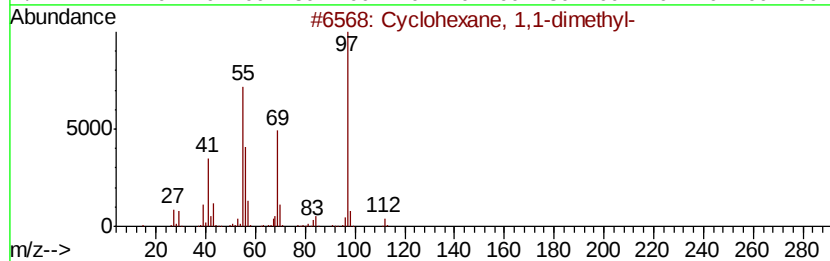
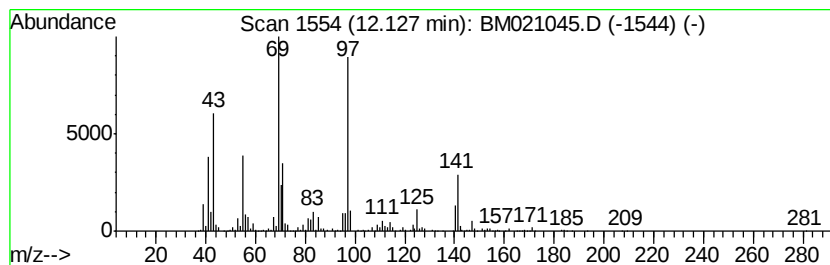
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Cyclic12.13 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	19.91 ng/ul	3706980	Napthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
2		2-Butyn-1-ol diethyl acetal	142	C8H14O2	002806-97-5	50
3		Cyclopentanecarboxylic acid, cyclobutyl ester	168	C10H16O2	1000282-76-8	47
4		1,2-Dodecanediol	202	C12H26O2	001119-87-5	45
5		2-Propenamide, N,N-diethyl-2-methyl-	141	C8H15NO	005441-99-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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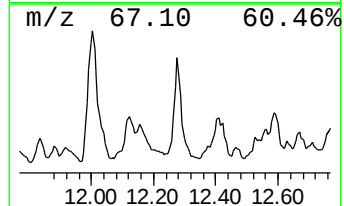
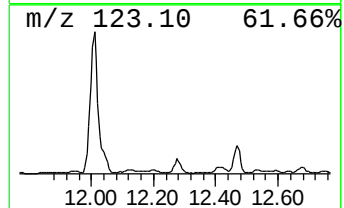
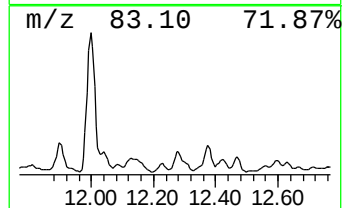
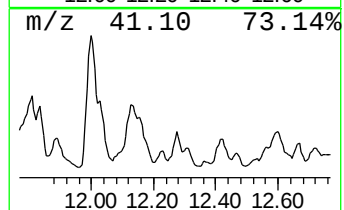
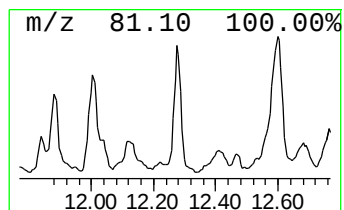
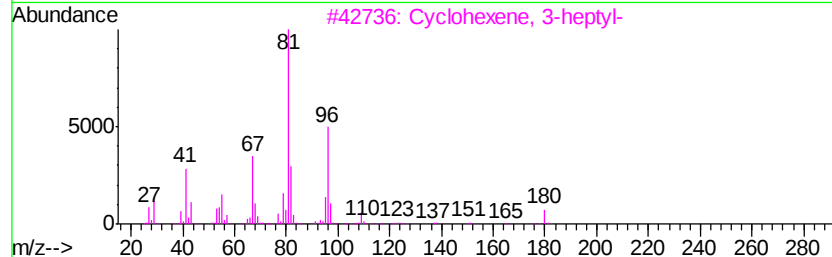
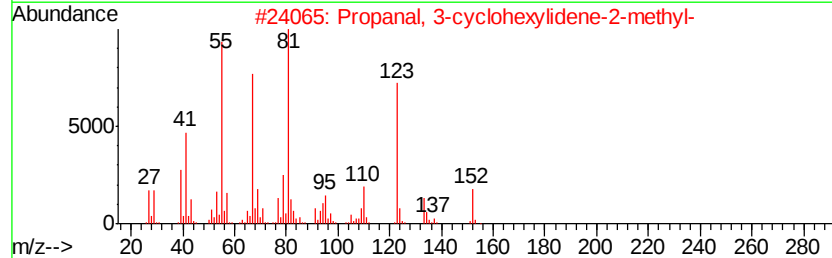
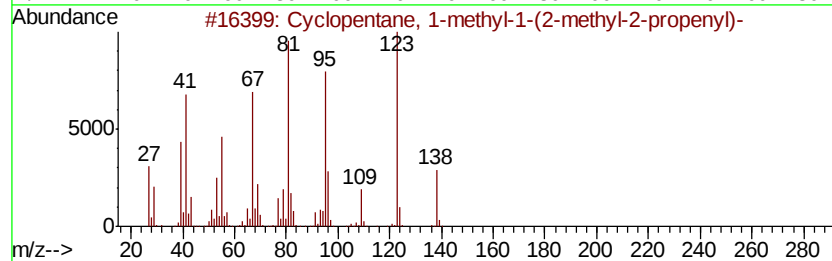
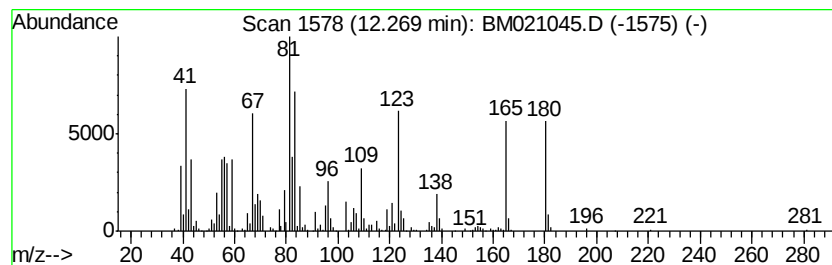
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 unknown-21 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	11.76 ng/ul	2189950	Naphthalene-d8	10.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	43
2		Propanal, 3-cyclohexylidene-2-me...	152	C10H16O	053155-83-2	38
3		Cyclohexene, 3-heptyl-	180	C13H24	015232-93-6	38
4		3-Methyl-4-(3-methyl-5(2H)-isoxa...	180	C8H8N2O3	001518-01-0	38
5		Cyclohexene, 4-butyl-	138	C10H18	021524-26-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
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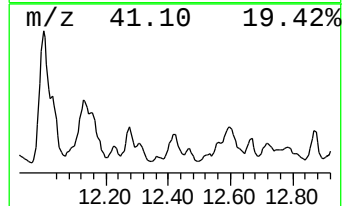
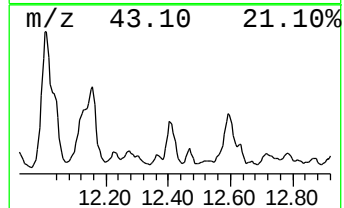
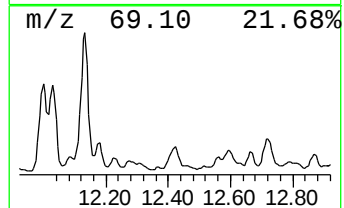
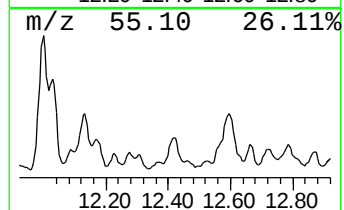
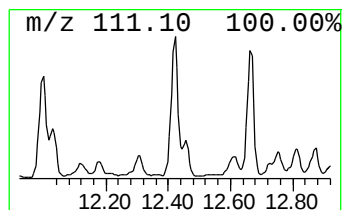
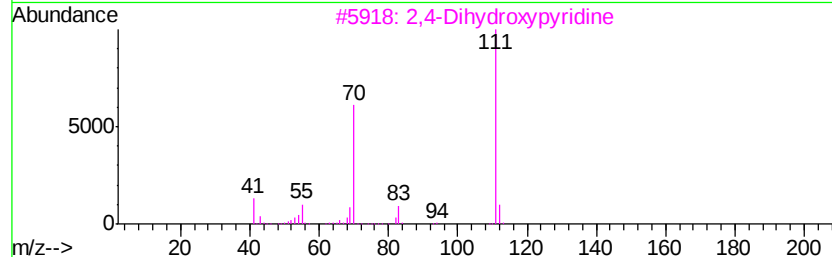
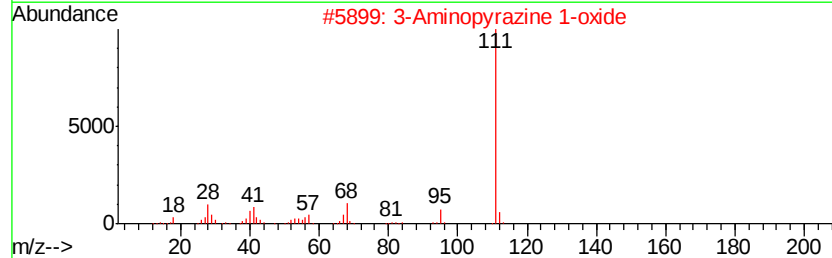
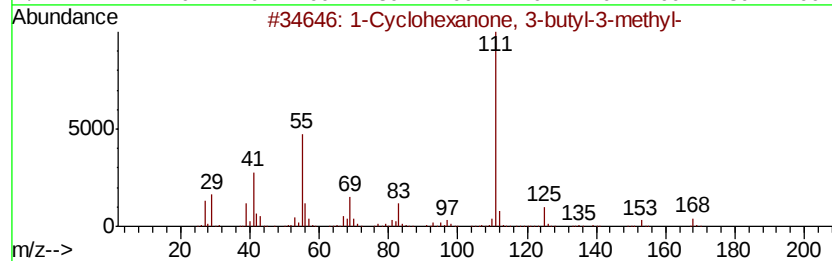
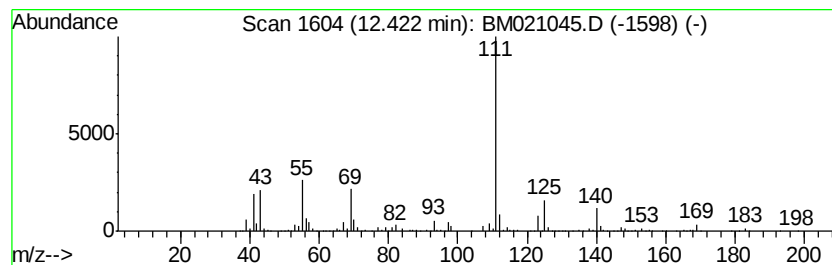
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 1-Cyclohexanone, 3-butyl-3-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	6.96 ng/ul	1296860	Napthalene-d8	10.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Cyclohexanone, 3-butyl-3-methyl-	168	C11H20O	051756-29-7	59
2			3-Aminopyrazine 1-oxide	111	C4H5N3O	006863-77-0	47
3			2,4-Dihydroxypyridine	111	C5H5NO2	000626-03-9	47
4			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	47
5			Dicyclohexyl-, ethylphosphonate	274	C14H27O3P	169739-47-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

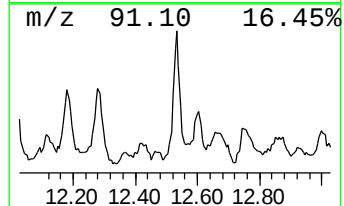
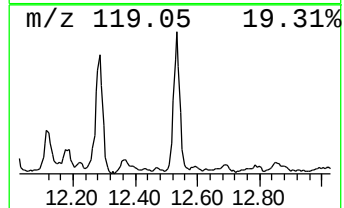
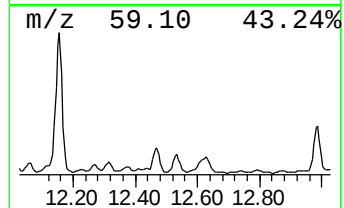
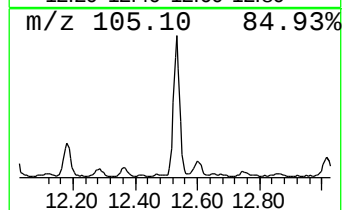
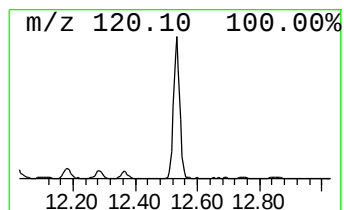
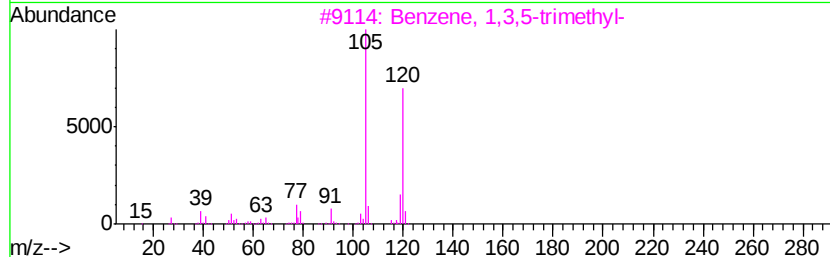
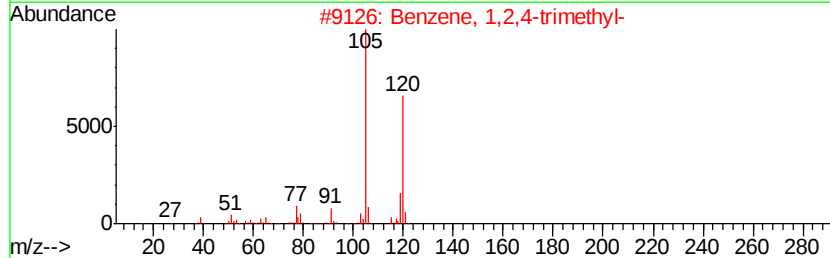
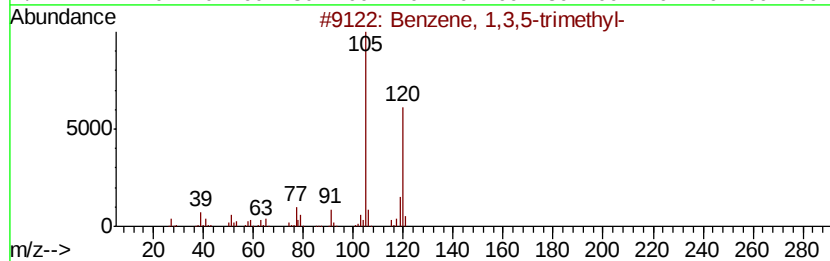
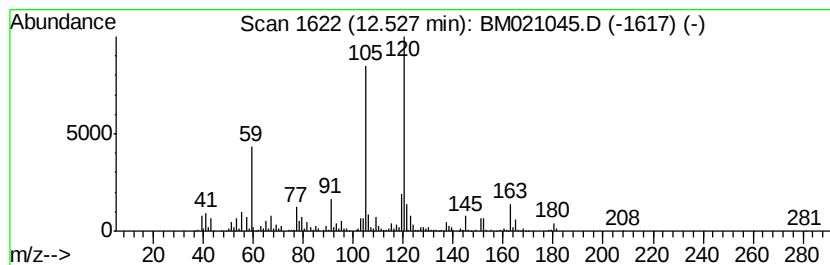
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 Benzene, 1,3,5-trimethyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.99 ng/ul	1067390	Acenaphthene-d10	14.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	60
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	55
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	53
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

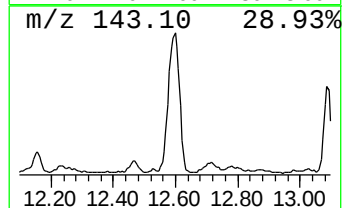
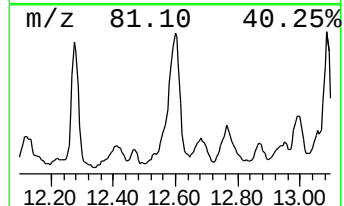
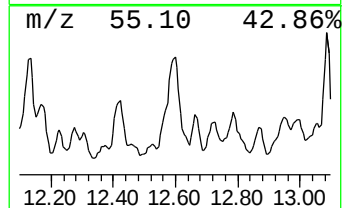
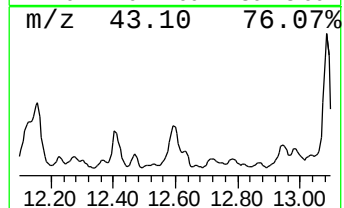
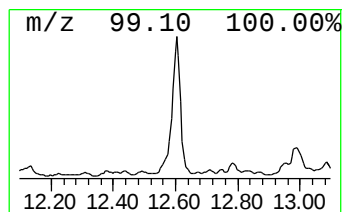
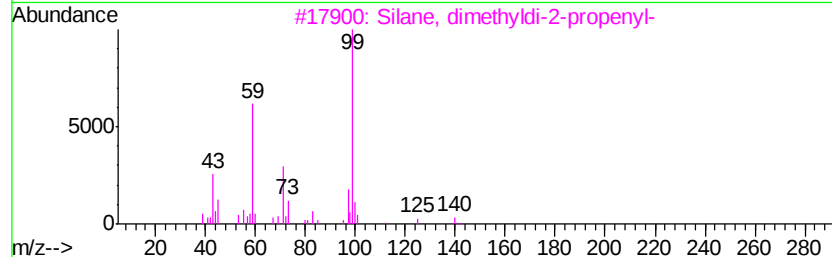
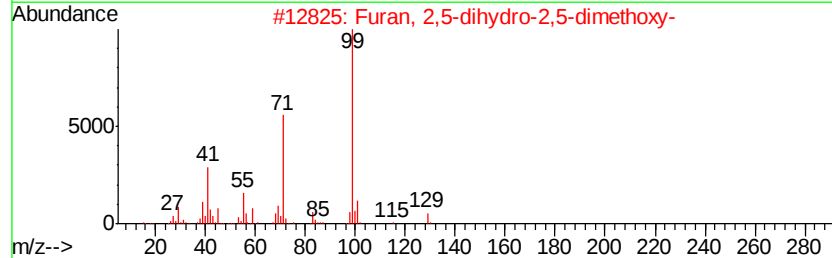
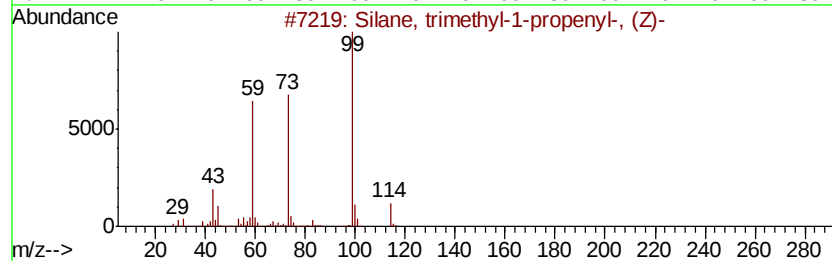
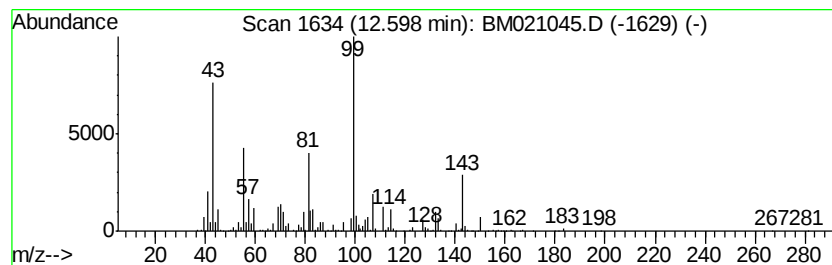
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 unknown-22 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.56 ng/ul	2338940	Acenaphthene-d10	14.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, trimethyl-1-propenyl-, (Z)-	114	C6H14Si	004964-02-7	43
2			Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	38
3			Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	38
4			Acetamide, N-[(dimethylamino)met...	114	C5H10N2O	1000197-09-8	38
5			Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

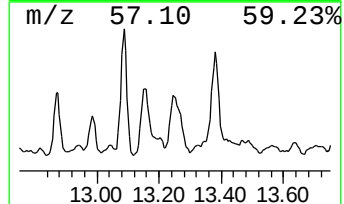
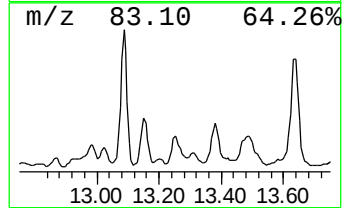
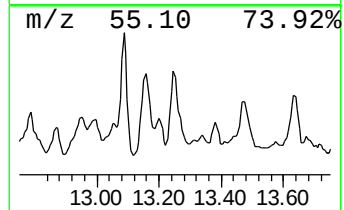
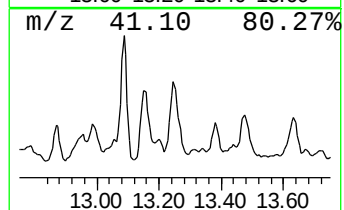
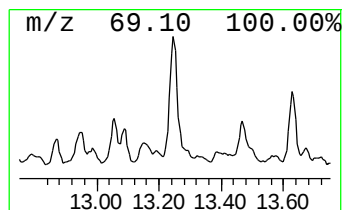
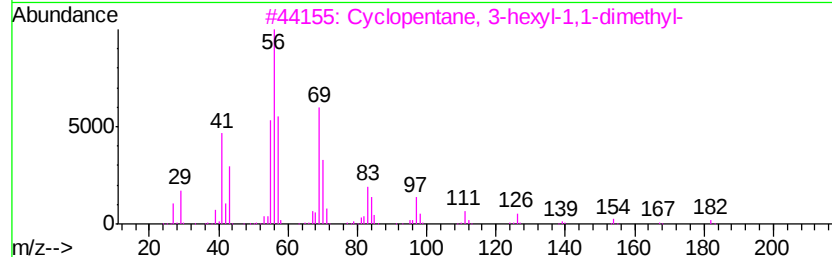
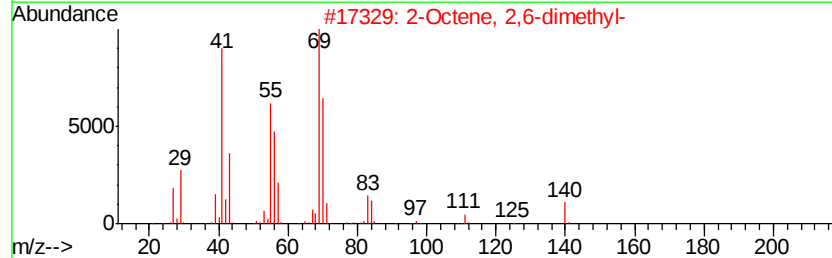
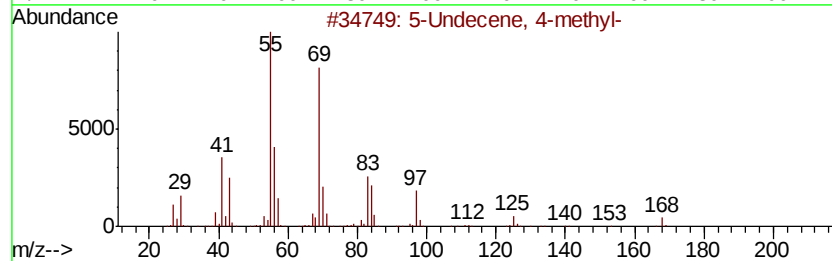
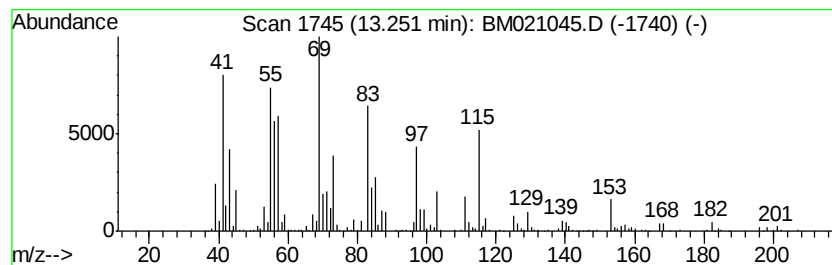
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Cyclic13.25 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.13 ng/ul	2185040	Acenaphthene-d10	14.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Undecene, 4-methyl-	168	C12H24	143185-91-5	43
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
3			Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	43
4			3-Tetradecene, (E)-	196	C14H28	041446-68-8	42
5			Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061919\
 Data File : BM021045.D
 Acq On : 19 Jun 2019 21:04
 Operator : HP/JU
 Sample : K3213-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8J9

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
unknown-01	5.37	74.7	ng/ul	8613270	1	7.79	2305810	20.0
unknown-02	5.57	27.2	ng/ul	3134350	1	7.79	2305810	20.0
1,1-Hexylenedioxy...	6.53	108.2	ng/ul	12473800	1	7.79	2305810	20.0
unknown-03	8.02	598.0	ng/ul	68940200	1	7.79	2305810	20.0
unknown-04	8.07	685.5	ng/ul	79037500	1	7.79	2305810	20.0
(DEL) Alkane: Cyc...	8.25	21.9	ng/ul	2520920	1	7.79	2305810	20.0
unknown-05	8.77	11.5	ng/ul	1320770	1	7.79	2305810	20.0
unknown-06	8.82	11.8	ng/ul	1365500	1	7.79	2305810	20.0
unknown-07	8.88	24.1	ng/ul	2772930	1	7.79	2305810	20.0
(DEL) Alkane: Cyc...	9.21	15.5	ng/ul	2888580	2	10.57	3724470	20.0
(DEL) Alkane: Cyc...	9.31	14.8	ng/ul	2756280	2	10.57	3724470	20.0
(DEL) Alkane: Cyc...	9.37	11.4	ng/ul	2128470	2	10.57	3724470	20.0
(DEL) Alkane: Cyc...	9.47	6.2	ng/ul	1153420	2	10.57	3724470	20.0
unknown-08	9.56	31.6	ng/ul	5874480	2	10.57	3724470	20.0
unknown-09	9.86	69.8	ng/ul	13002100	2	10.57	3724470	20.0
unknown-10	9.93	10.6	ng/ul	1965130	2	10.57	3724470	20.0
unknown-11	10.02	13.4	ng/ul	2488520	2	10.57	3724470	20.0
3,3-Dimethylpyrro...	10.13	46.5	ng/ul	8663690	2	10.57	3724470	20.0
unknown-12	10.27	12.1	ng/ul	2248270	2	10.57	3724470	20.0
unknown-13	10.33	20.9	ng/ul	3884380	2	10.57	3724470	20.0
(DEL) Alkane: Cyc...	10.69	6.1	ng/ul	1136690	2	10.57	3724470	20.0
Cyclohexanone, 2-...	10.71	9.6	ng/ul	1785640	2	10.57	3724470	20.0
unknown-14	10.75	16.8	ng/ul	3135510	2	10.57	3724470	20.0
2,4-Dipropyl-5-et...	10.94	176.2	ng/ul	32818900	2	10.57	3724470	20.0
unknown-15	11.01	57.9	ng/ul	10776100	2	10.57	3724470	20.0
Propanedioic acid...	11.15	22.1	ng/ul	4109090	2	10.57	3724470	20.0
2,2-Di-butyl meth...	11.24	13.2	ng/ul	2465100	2	10.57	3724470	20.0
unknown-16	11.46	7.6	ng/ul	1416970	2	10.57	3724470	20.0
unknown-17	11.63	221.5	ng/ul	41242400	2	10.57	3724470	20.0
unknown-18	11.81	20.6	ng/ul	3830250	2	10.57	3724470	20.0
(DEL) Alkane: Cyc...	11.83	7.4	ng/ul	1375100	2	10.57	3724470	20.0
unknown-19	11.89	12.5	ng/ul	2322790	2	10.57	3724470	20.0
unknown-20	12.00	70.2	ng/ul	13074400	2	10.57	3724470	20.0
(DEL) Alkane: Cyc...	12.13	19.9	ng/ul	3706980	2	10.57	3724470	20.0
unknown-21	12.27	11.8	ng/ul	2189950	2	10.57	3724470	20.0
1-Cyclohexanone, ...	12.42	7.0	ng/ul	1296860	2	10.57	3724470	20.0
Benzene, 1,3,5-tr...	12.53	3.0	ng/ul	1067390	3	14.43	7134330	20.0
unknown-22	12.60	6.6	ng/ul	2338940	3	14.43	7134330	20.0
(DEL) Alkane: Cyc...	13.25	6.1	ng/ul	2185040	3	14.43	7134330	20.0