

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
 Data File : BN012185.D
 Acq On : 14 Oct 2020 06:53
 Operator : CG/JU
 Sample : L4360-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7X2

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_N\METHODS\SOM-EPA-BN100920.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.170	27	31	33	rBV	105943	120309	1.69%	0.106%
2	3.199	33	36	50	rVB	548921	790013	11.07%	0.695%
3	4.317	221	226	239	rVB	389845	588392	8.25%	0.518%
4	4.981	333	339	346	rBV	594545	877742	12.30%	0.773%
5	5.246	377	384	390	rBV2	60042	115469	1.62%	0.102%
6	5.928	491	500	506	rBV2	38382	97028	1.36%	0.085%
7	6.140	530	536	542	rBV2	61414	99842	1.40%	0.088%
8	6.811	640	650	662	rBV	600257	1041870	14.60%	0.917%
9	6.969	671	677	685	rBV	895111	1416304	19.85%	1.247%
10	7.163	700	710	719	rVB	1198140	1945071	27.26%	1.712%
11	7.246	719	724	729	rBV	85681	151313	2.12%	0.133%
12	7.522	761	771	778	rVB10	39723	124525	1.75%	0.110%
13	7.628	778	789	798	rBV	1258435	2061551	28.89%	1.814%
14	7.705	798	802	813	rVB3	83194	204556	2.87%	0.180%
15	7.999	844	852	858	rVV	836492	1319507	18.49%	1.161%
16	8.110	864	871	876	rBV4	55002	89942	1.26%	0.079%
17	8.281	893	900	903	rBV6	61777	110846	1.55%	0.098%
18	8.334	903	909	919	rVB	1232882	1953723	27.38%	1.720%
19	8.605	949	955	964	rBV	972161	1545068	21.65%	1.360%
20	8.722	970	975	979	rBV	245060	364596	5.11%	0.321%
21	8.775	979	984	995	rVV	1113664	1945159	27.26%	1.712%
22	8.981	1009	1019	1026	rBV	60160	174684	2.45%	0.154%
23	9.134	1039	1045	1051	rVV4	156175	287506	4.03%	0.253%
24	9.240	1056	1063	1068	rVB3	198057	377644	5.29%	0.332%
25	9.357	1079	1083	1088	rVB3	56652	86697	1.22%	0.076%
26	9.493	1100	1106	1113	rBV	1029933	1654299	23.18%	1.456%
27	9.628	1120	1129	1131	rBV6	110540	226468	3.17%	0.199%
28	9.657	1131	1134	1140	rVB3	48102	97994	1.37%	0.086%
29	9.810	1153	1160	1170	rBV3	166947	380472	5.33%	0.335%
30	9.899	1170	1175	1177	rVV5	59936	98683	1.38%	0.087%
31	9.952	1177	1184	1189	rVV3	210713	501654	7.03%	0.442%
32	10.028	1191	1197	1207	rVV	1692555	2886491	40.45%	2.541%
33	10.099	1207	1209	1219	rVB9	60839	106549	1.49%	0.094%
34	10.193	1219	1225	1235	rBV10	44722	144666	2.03%	0.127%

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35	10.340	1242	1250	1254	rBV2	226017	431673	6.05%	0.380%
36	10.399	1254	1260	1266	rVV	1651451	2716616	38.07%	2.391%
37	10.451	1266	1269	1275	rVB3	75028	127560	1.79%	0.112%
38	10.540	1275	1284	1294	rBV	1385125	2570089	36.02%	2.262%
39	10.657	1300	1304	1308	rBV4	69196	122225	1.71%	0.108%
40	10.704	1308	1312	1318	rVV2	95709	174414	2.44%	0.154%
41	10.975	1353	1358	1363	rBV8	47160	113929	1.60%	0.100%
42	11.193	1387	1395	1397	rBV4	78883	171458	2.40%	0.151%
43	11.246	1397	1404	1410	rVV6	99556	276914	3.88%	0.244%
44	11.375	1422	1426	1433	rVB6	66131	139730	1.96%	0.123%
45	11.504	1445	1448	1455	rVB5	78005	132762	1.86%	0.117%
46	11.610	1462	1466	1471	rVB4	72714	124430	1.74%	0.110%
47	11.751	1483	1490	1495	rBV	537428	903588	12.66%	0.795%
48	11.916	1512	1518	1522	rBV2	359617	556349	7.80%	0.490%
49	11.969	1522	1527	1529	rBV4	78225	139581	1.96%	0.123%
50	12.022	1533	1536	1541	rVB7	71290	131864	1.85%	0.116%
51	12.128	1548	1554	1560	rBV6	79112	172251	2.41%	0.152%
52	12.193	1561	1565	1571	rVB7	77030	113761	1.59%	0.100%
53	12.293	1577	1582	1587	rVB4	156840	242597	3.40%	0.214%
54	12.416	1599	1603	1607	rBV3	113370	155792	2.18%	0.137%
55	12.516	1616	1620	1626	rVB8	74344	146761	2.06%	0.129%
56	12.604	1632	1635	1639	rBV3	59152	85325	1.20%	0.075%
57	12.981	1696	1699	1708	rBV10	60464	150419	2.11%	0.132%
58	13.069	1710	1714	1718	rVV6	86556	139183	1.95%	0.123%
59	13.116	1719	1722	1727	rVB3	81642	118386	1.66%	0.104%
60	13.175	1727	1732	1736	rBV	167456	245518	3.44%	0.216%
61	13.316	1753	1756	1762	rVB3	130145	184520	2.59%	0.162%
62	13.504	1784	1788	1792	rBV6	109458	174385	2.44%	0.153%
63	13.587	1797	1802	1807	rBV2	196532	384196	5.38%	0.338%
64	13.687	1814	1819	1824	rVB	2853930	3738237	52.39%	3.290%
65	13.734	1824	1827	1830	rVB	178560	198756	2.79%	0.175%
66	13.822	1838	1842	1846	rBV5	136689	235042	3.29%	0.207%
67	13.957	1860	1865	1880	rVB	3237903	5002375	70.11%	4.403%
68	14.092	1884	1888	1894	rBV	216804	306094	4.29%	0.269%
69	14.198	1901	1906	1911	rBV2	452564	628465	8.81%	0.553%
70	14.269	1912	1918	1924	rVV2	2409422	3619332	50.72%	3.186%
71	14.334	1924	1929	1937	rVB	1368997	1953608	27.38%	1.719%

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72	14.398	1937	1940	1945	rBV	168149	244532	3.43%	0.215%
73	14.492	1951	1956	1962	rBV	368310	582879	8.17%	0.513%
74	14.669	1982	1986	1995	rVB	534310	788820	11.05%	0.694%
75	15.028	2042	2047	2053	rBV	751646	1232151	17.27%	1.084%
76	15.269	2082	2088	2093	rVB	3823150	5387914	75.51%	4.742%
77	15.322	2093	2097	2101	rVB	528800	668987	9.38%	0.589%
78	15.387	2104	2108	2114	rVB	728651	958638	13.43%	0.844%
79	15.528	2126	2132	2144	rVB3	430065	1093299	15.32%	0.962%
80	15.622	2144	2148	2155	rBV8	110321	226219	3.17%	0.199%
81	15.792	2171	2177	2186	rVB	3083441	4248092	59.53%	3.739%
82	15.975	2200	2208	2215	rBV	1446283	2623826	36.77%	2.309%
83	16.122	2230	2233	2237	rVB	142303	169012	2.37%	0.149%
84	16.304	2259	2264	2270	rBV	1819918	2376107	33.30%	2.091%
85	16.575	2306	2310	2318	rVB	276295	469271	6.58%	0.413%
86	16.839	2351	2355	2360	rVB2	252980	417392	5.85%	0.367%
87	17.022	2380	2386	2392	rVB	2759323	4038059	56.59%	3.554%
88	17.116	2397	2402	2412	rVB2	4283826	6080631	85.22%	5.352%
89	17.928	2537	2540	2545	rBV2	414976	575127	8.06%	0.506%
90	18.339	2608	2610	2615	rVB	158352	181363	2.54%	0.160%
91	18.704	2670	2672	2681	rVB3	271740	355547	4.98%	0.313%
92	19.151	2745	2748	2755	rVB4	272731	396436	5.56%	0.349%
93	19.422	2789	2794	2800	rBV	5132019	6916164	96.93%	6.087%
94	19.480	2800	2804	2815	rVB	3815941	4765426	66.79%	4.194%
95	20.469	2970	2972	2977	rVB3	258870	305748	4.28%	0.269%
96	20.945	3049	3053	3061	rBV	902428	1148097	16.09%	1.010%
97	21.221	3096	3100	3106	rVB2	3584059	4381351	61.40%	3.856%
98	22.263	3275	3277	3283	rVB	485162	648079	9.08%	0.570%
99	23.280	3444	3450	3462	rVB	3825185	7135467	100.00%	6.280%
100	23.421	3468	3474	3483	rVB2	2437488	4388338	61.50%	3.862%

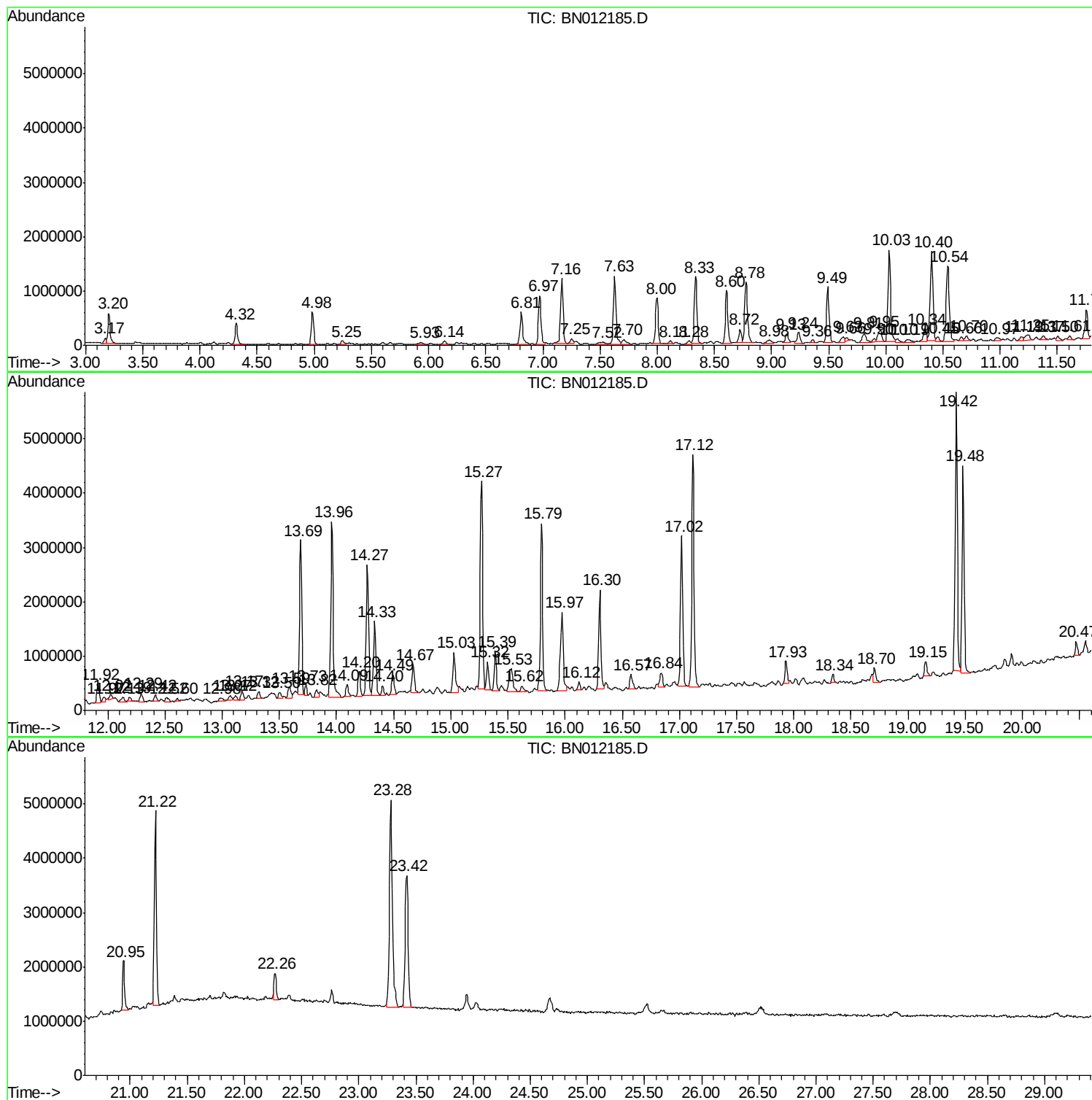
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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



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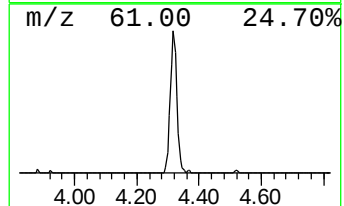
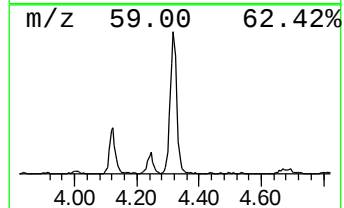
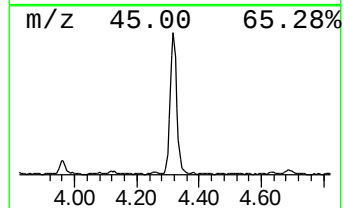
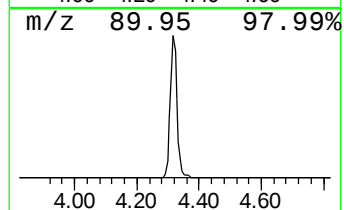
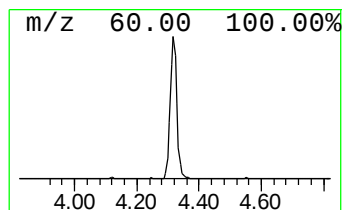
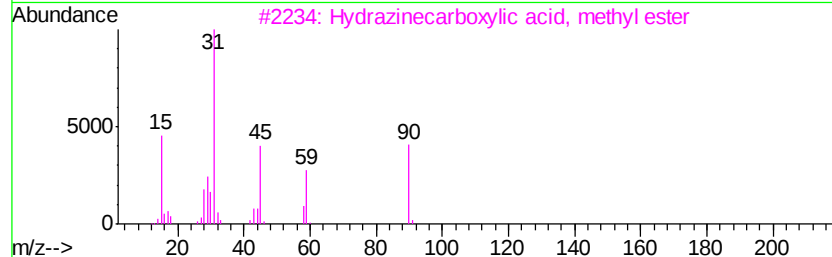
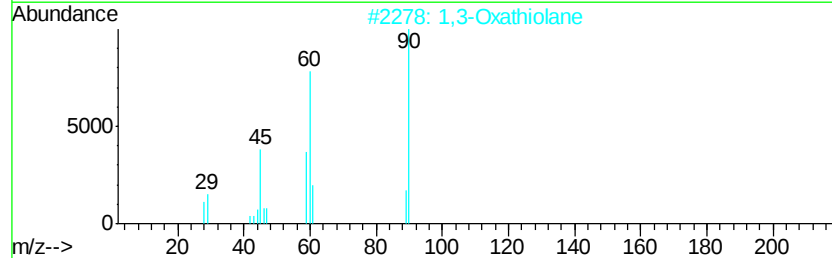
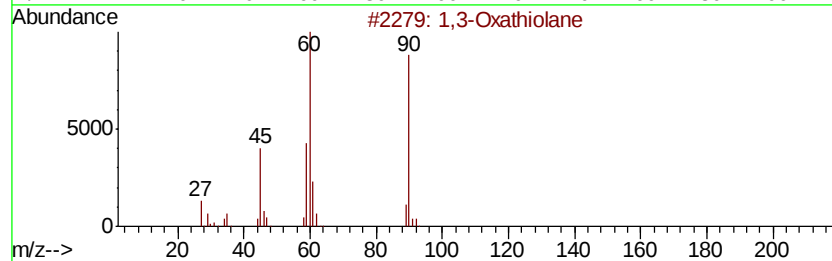
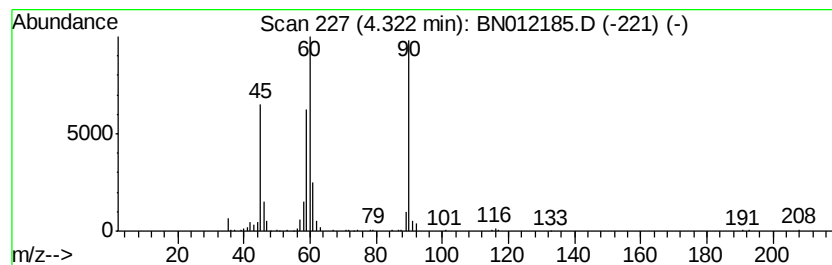
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,3-Oxathiolane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	5.71 ng/ul	588392	1,4-Dichlorobenzene-d4	7.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Oxathiolane	90	C3H6OS	002094-97-5	91
2			1,3-Oxathiolane	90	C3H6OS	002094-97-5	83
3			Hvdrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
4			Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
5			Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	45



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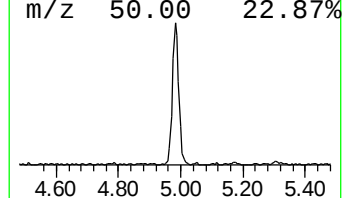
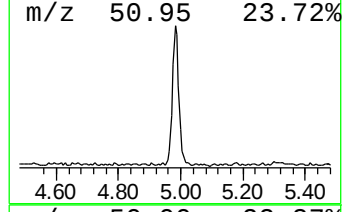
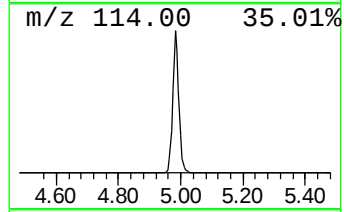
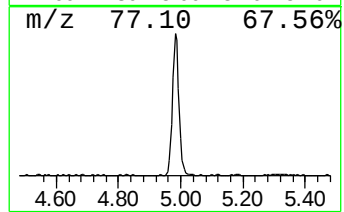
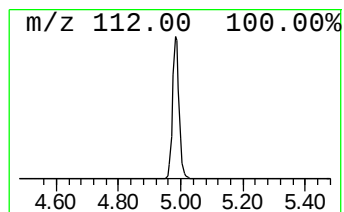
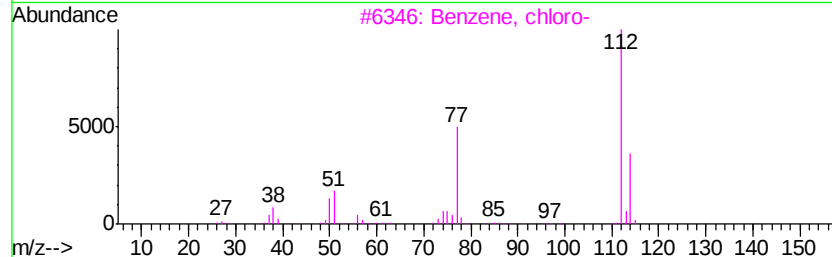
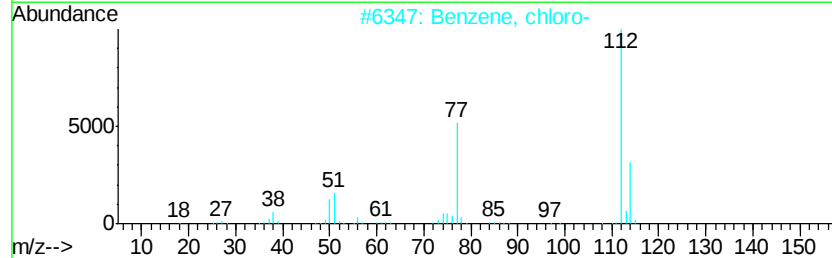
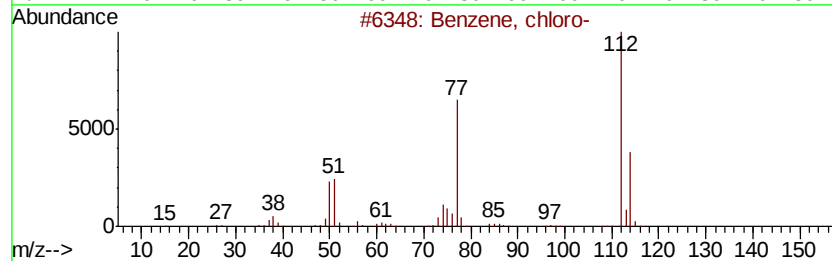
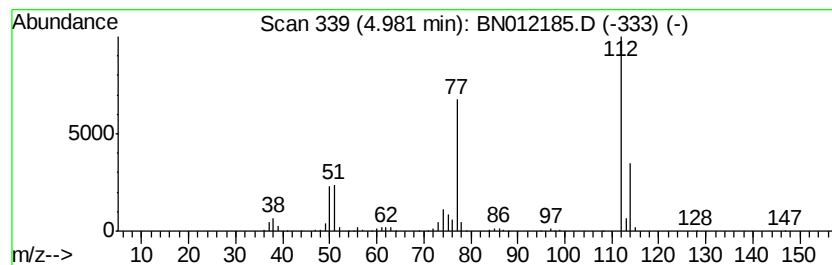
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Peak Number 2 Benzene, chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	8.52 ng/ul	877742	1,4-Dichlorobenzene-d4	7.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2			Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3			Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4			Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5			3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	27



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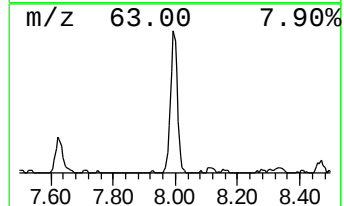
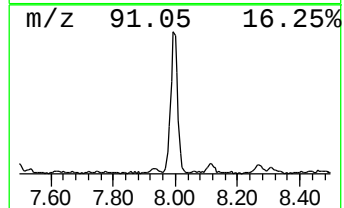
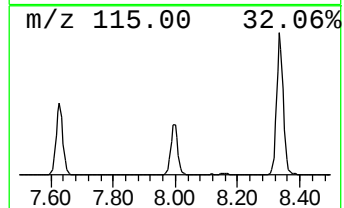
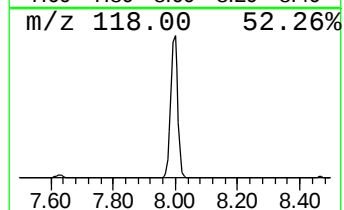
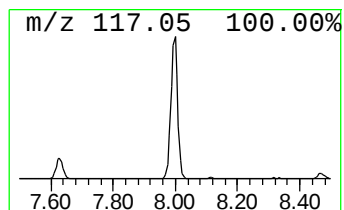
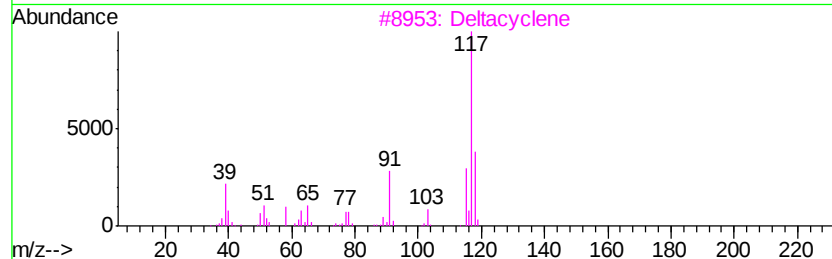
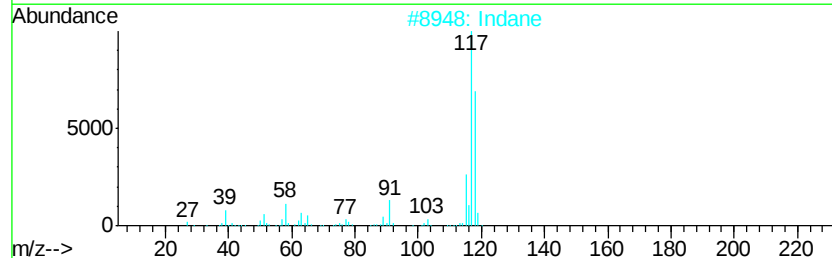
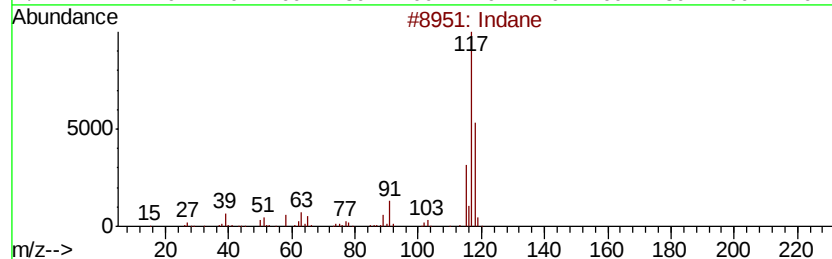
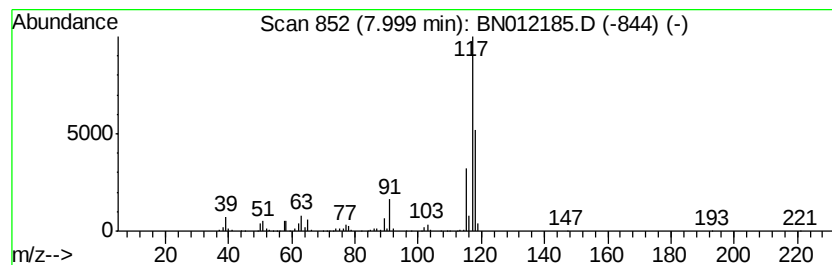
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	12.80 ng/ul	1319510	1,4-Dichlorobenzene-d4	7.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Indane		118	C9H10	000496-11-7	81
3	Deltacyclene		118	C9H10	007785-10-6	72
4	Indane		118	C9H10	000496-11-7	64
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	60



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Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
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Instrument :
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ClientSampleId :
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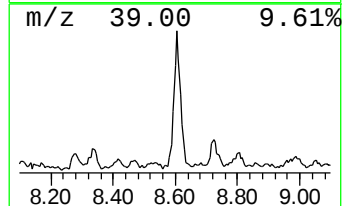
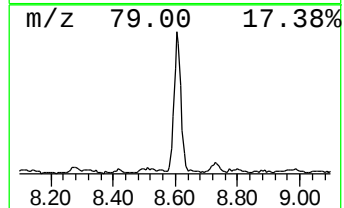
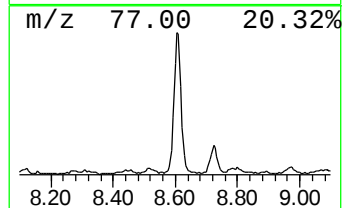
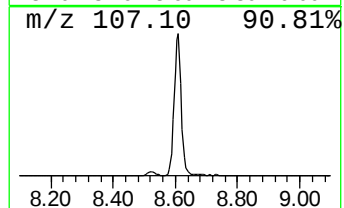
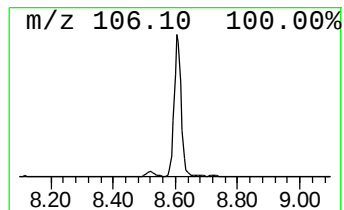
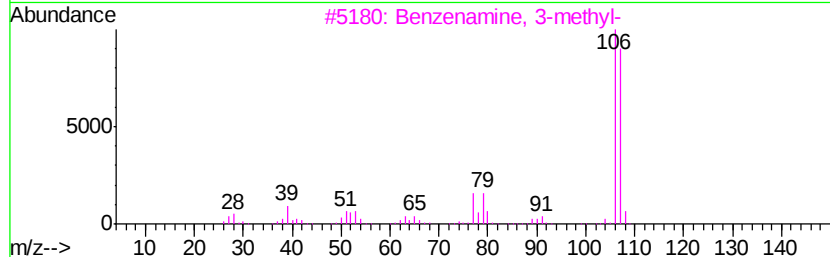
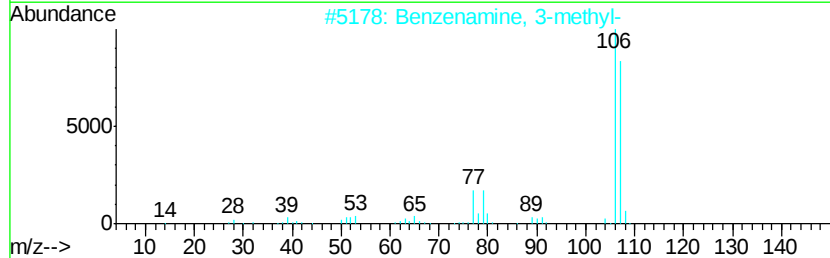
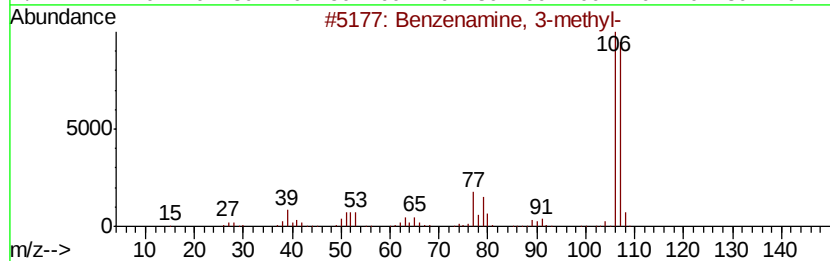
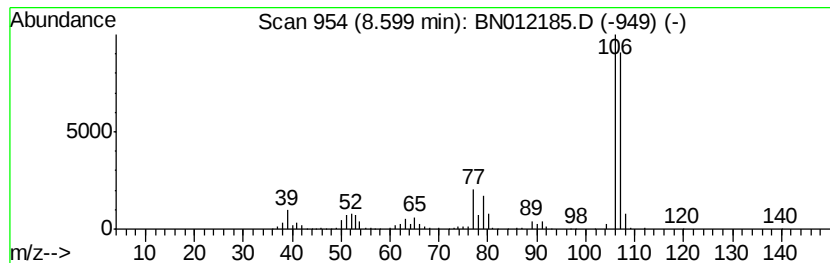
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzenamine, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	14.99 ng/ul	1545070	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2		Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3		Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
4		Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	96
5		Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95



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Operator : CG/JU
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ClientSampleId :
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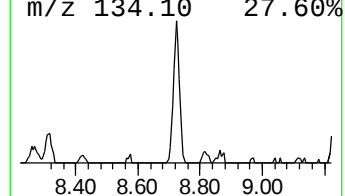
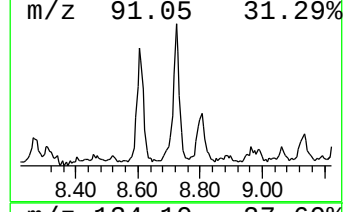
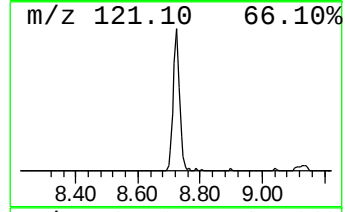
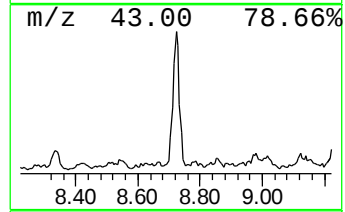
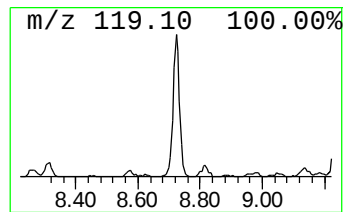
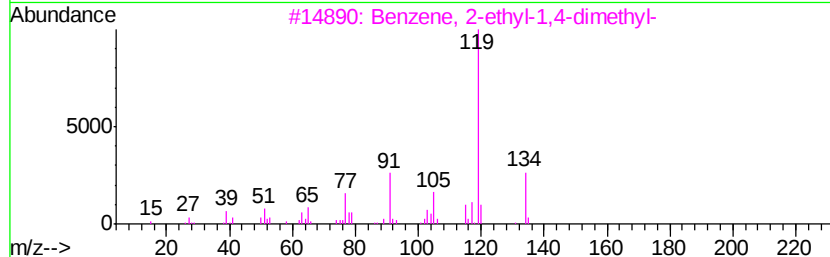
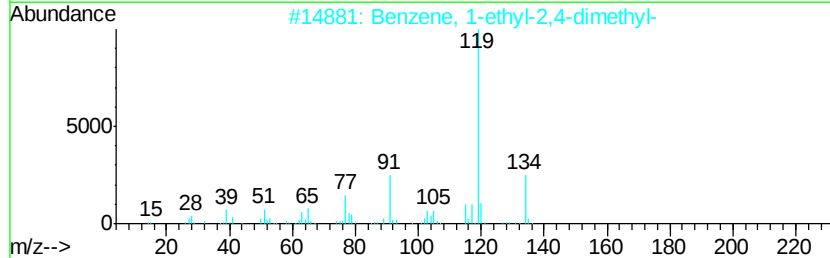
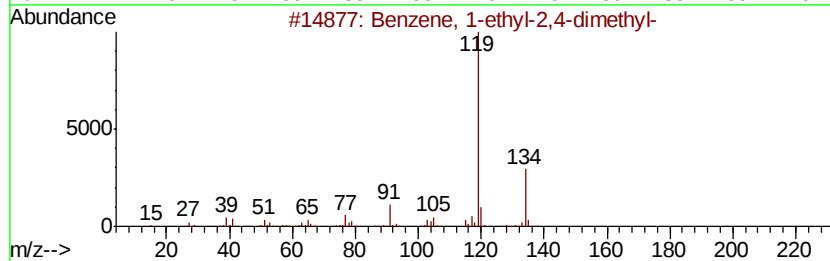
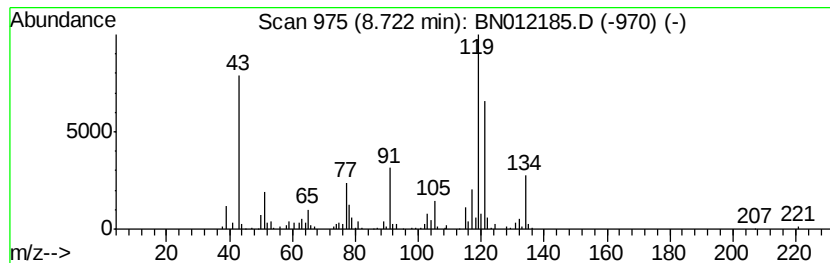
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	3.54 ng/ul	364596	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4		o-Cymene	134	C10H14	000527-84-4	64
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



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ClientSampleId :
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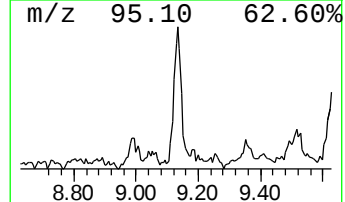
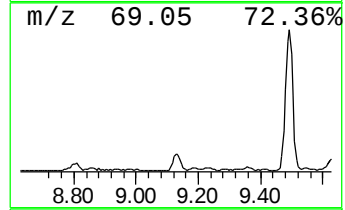
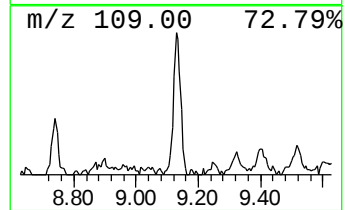
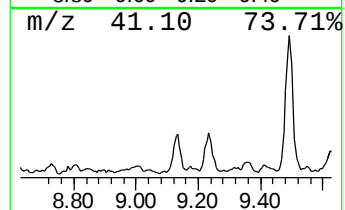
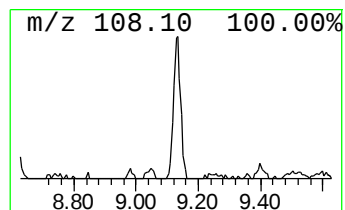
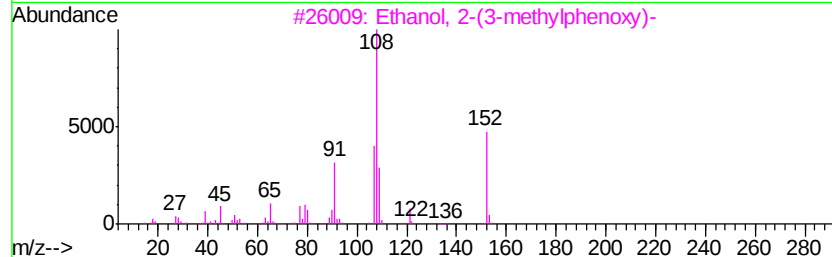
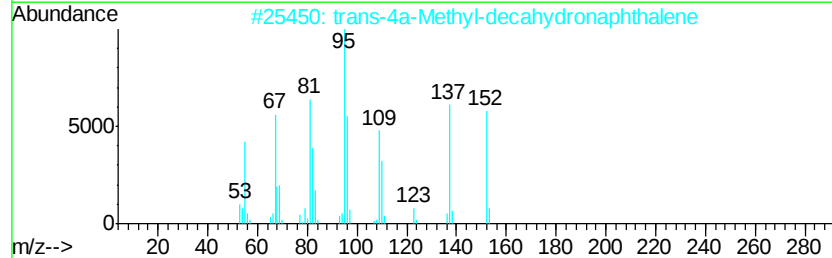
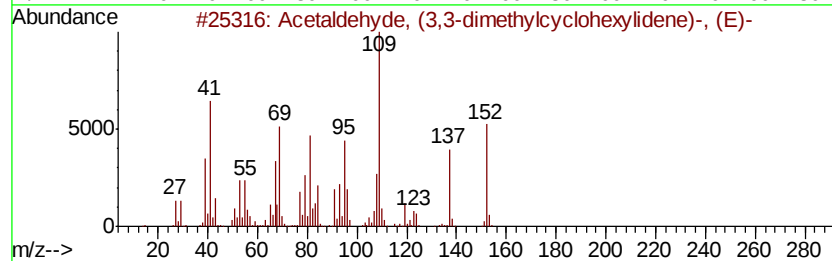
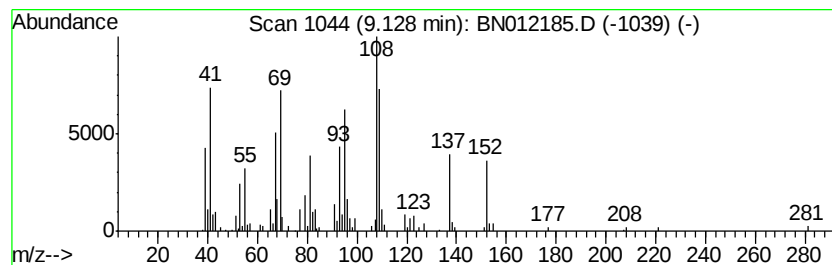
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	2.12 ng/ul	287506	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	43
2		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	35
3		Ethanol, 2-(3-methylphenoxy)-	152	C9H12O2	013605-19-1	30
4		1H-Pyrrole, 2,3,5-trimethyl-	109	C7H11N	002199-41-9	30
5		4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
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Acq On : 14 Oct 2020 06:53
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Misc :
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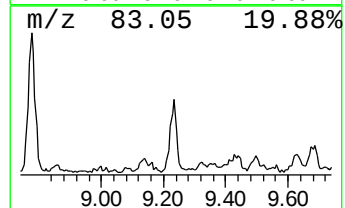
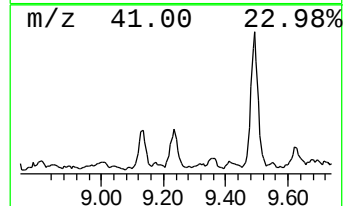
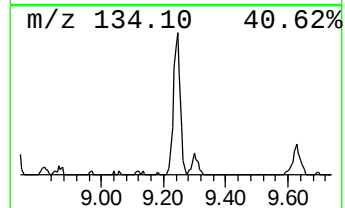
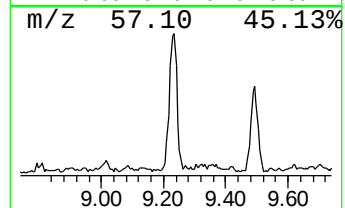
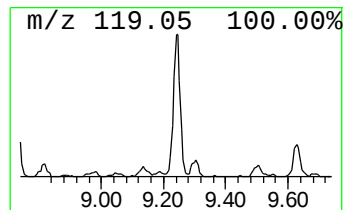
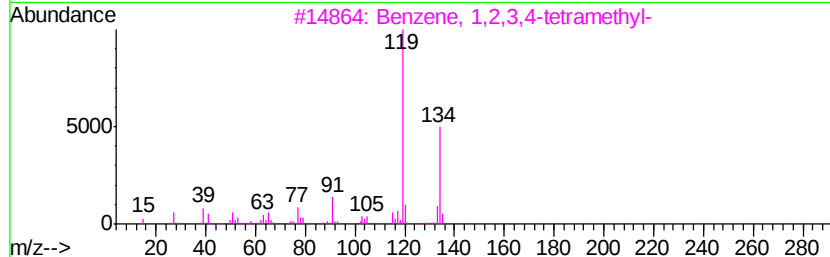
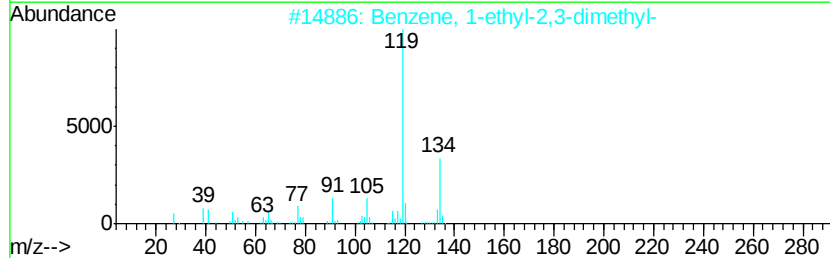
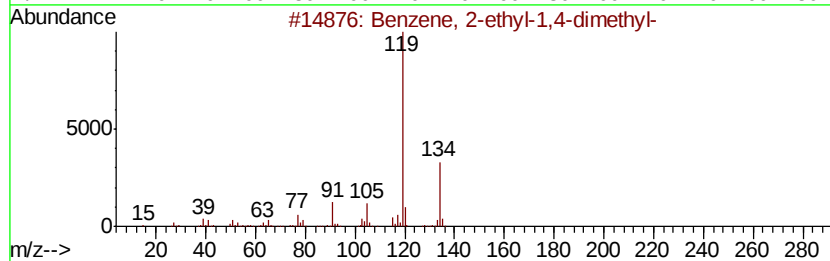
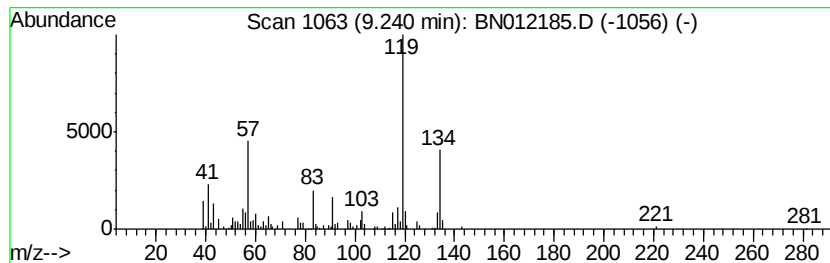
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.78 ng/ul	377644	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



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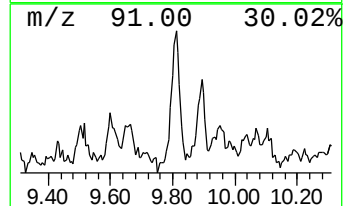
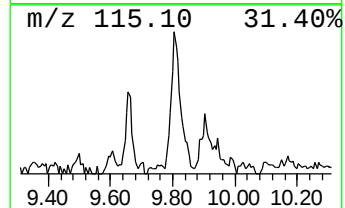
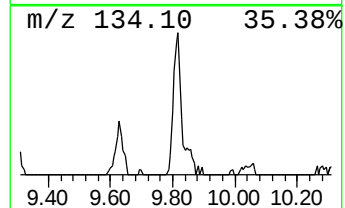
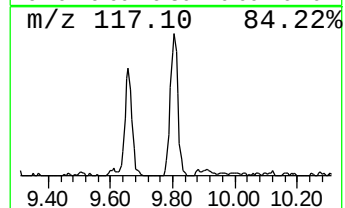
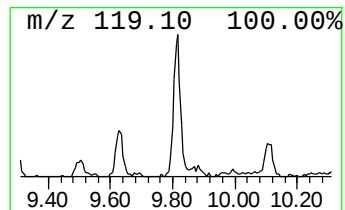
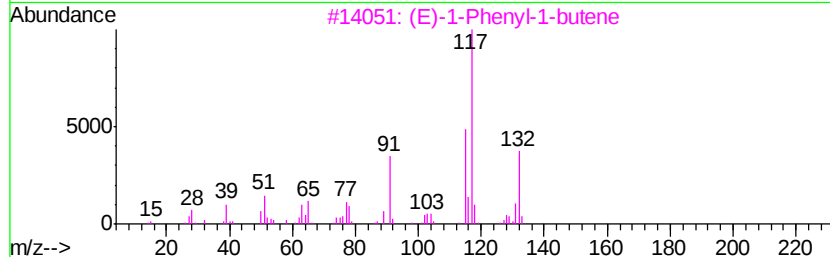
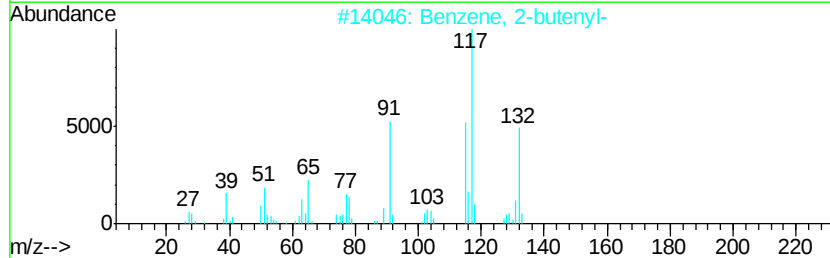
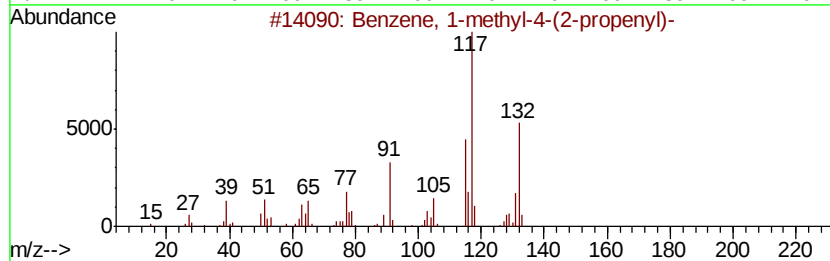
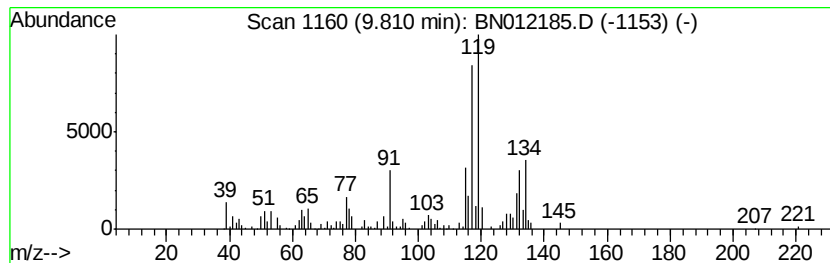
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-methyl-4-(2-prop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	2.80 ng/ul	380472	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
3		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	55
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
5		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55



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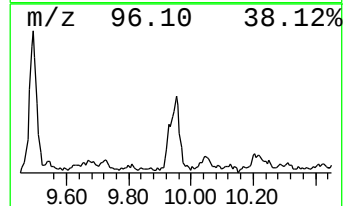
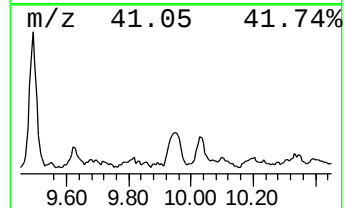
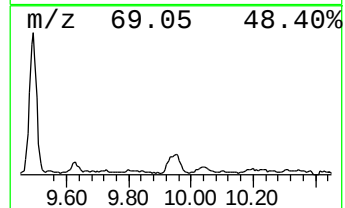
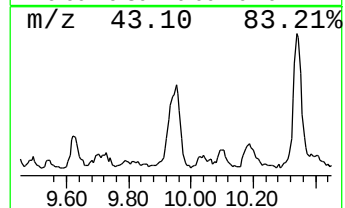
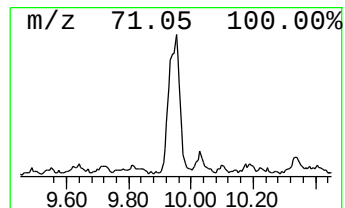
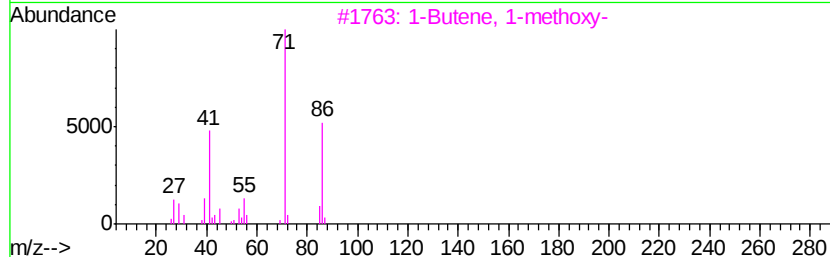
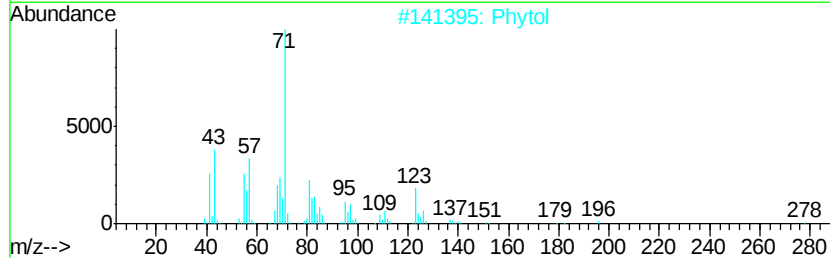
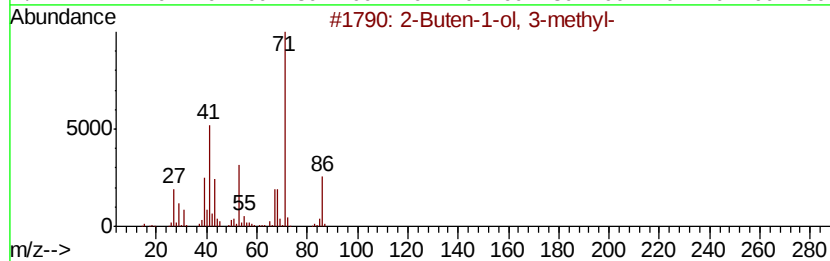
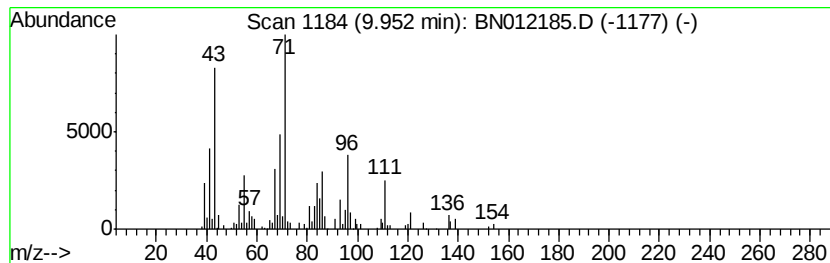
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.69 ng/ul	501654	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
2		Phytol	296	C20H40O	000150-86-7	38
3		1-Butene, 1-methoxy-	86	C5H10O	029512-02-5	35
4		2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	35
5		2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
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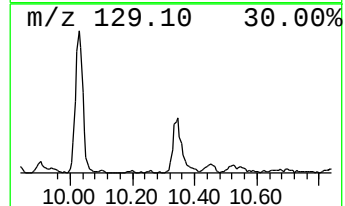
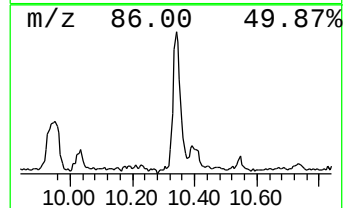
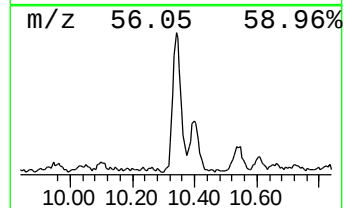
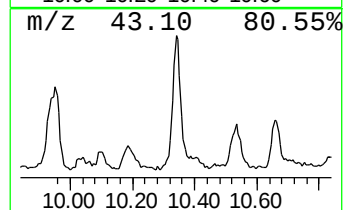
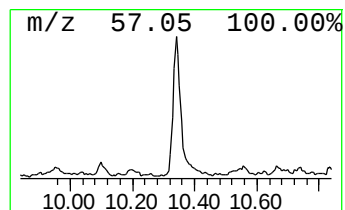
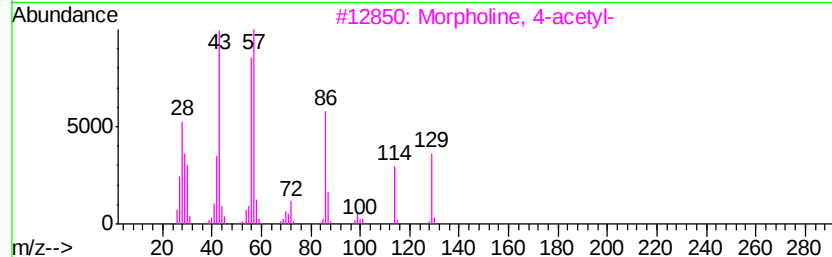
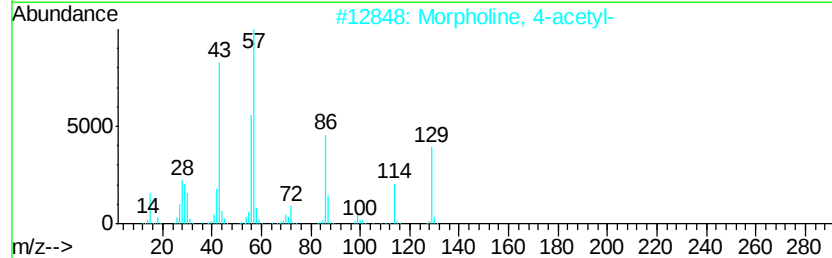
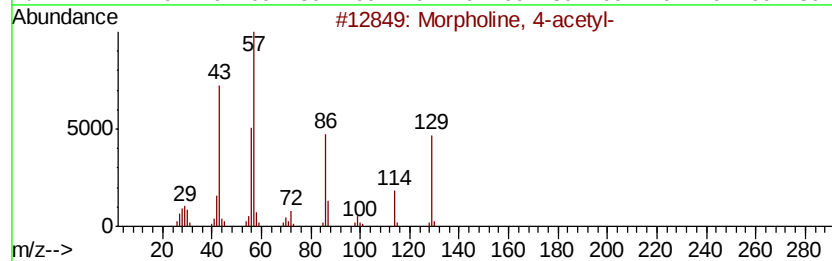
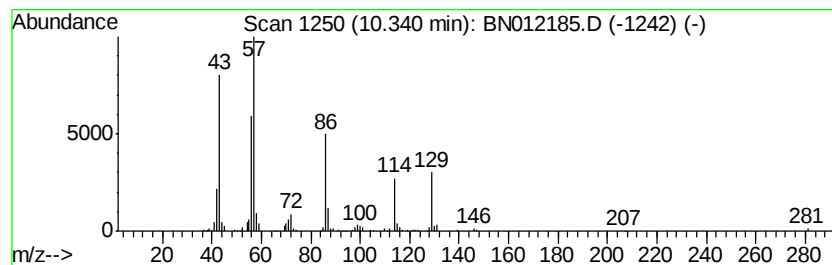
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Morpholine, 4-acetyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	3.18 ng/ul	431673	Naphthalene-d8	10.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Morpholine, 4-acetyl-	129 C6H11NO2	001696-20-4 80
2		Morpholine, 4-acetyl-	129 C6H11NO2	001696-20-4 72
3		Morpholine, 4-acetyl-	129 C6H11NO2	001696-20-4 53
4		Morpholine	87 C4H9NO	000110-91-8 37
5		Morpholine	87 C4H9NO	000110-91-8 37



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB7X2

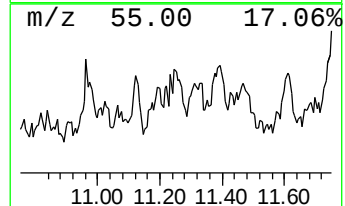
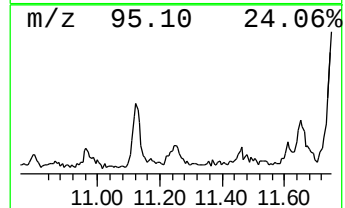
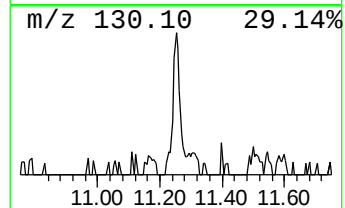
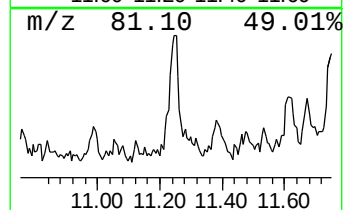
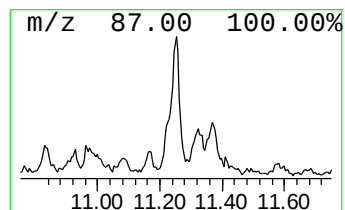
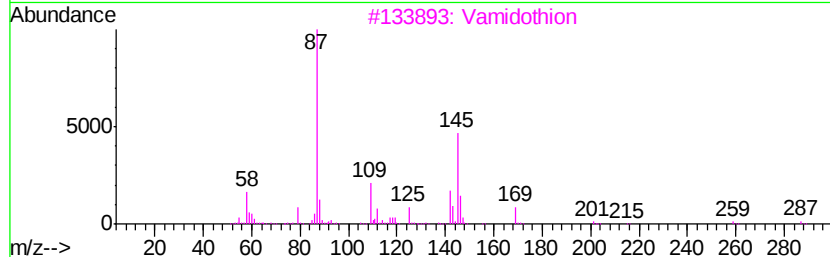
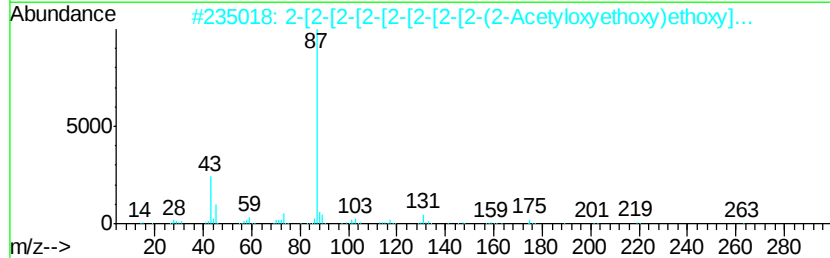
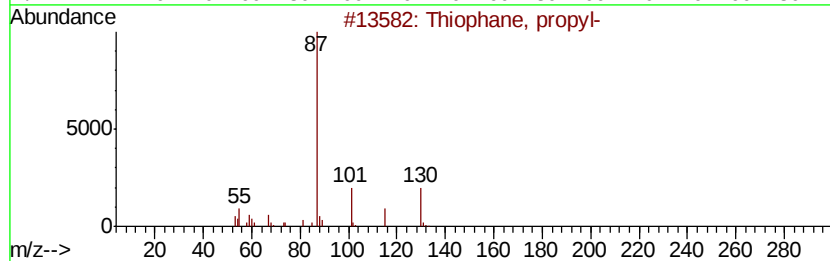
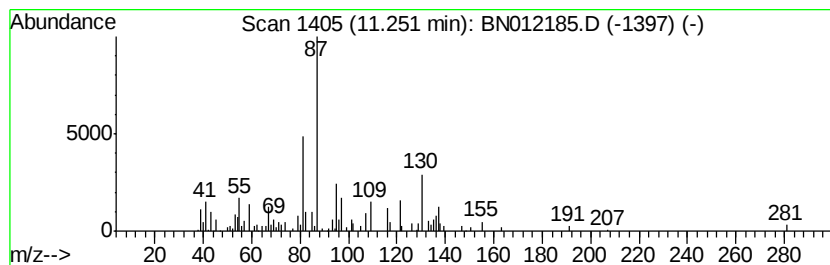
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.04 ng/ul	276914	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophane, propyl-	130	C7H14S	001551-34-4	32
2		2-[2-[2-[2-[2-[2-[2-(2-Acetyl...	498	C22H42O12	1000351-90-5	27
3		Vamidothion	287	C8H18N04PS2	002275-23-2	17
4		1-Dimethyl(ethenyl)silyloxy-10-u...	254	C15H30OSi	1000278-76-1	17
5		Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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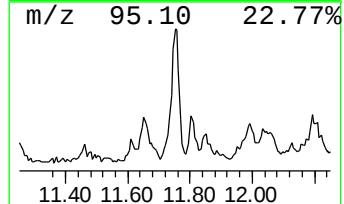
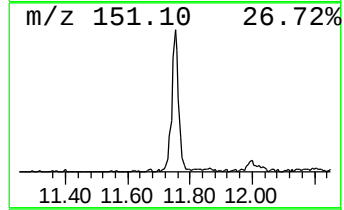
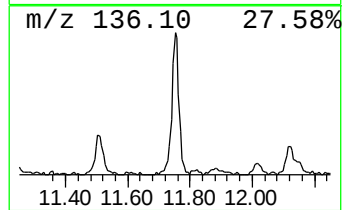
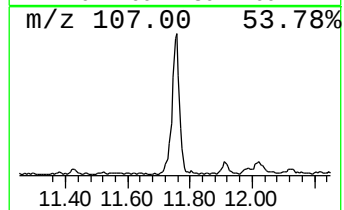
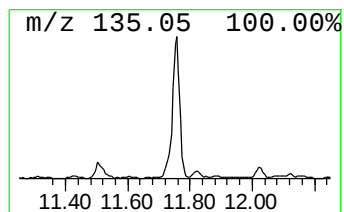
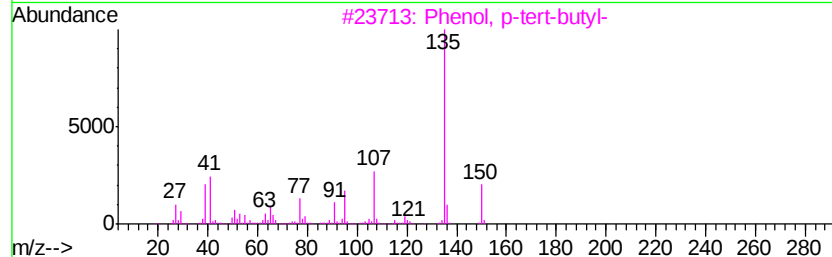
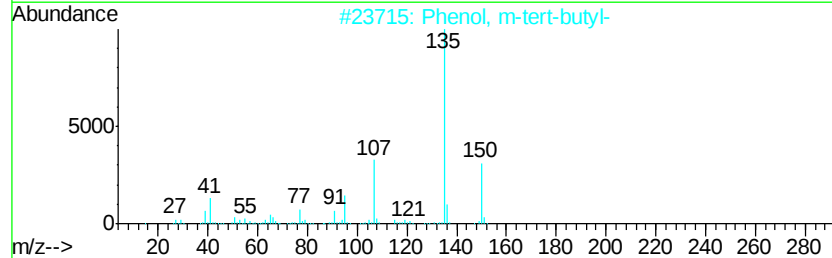
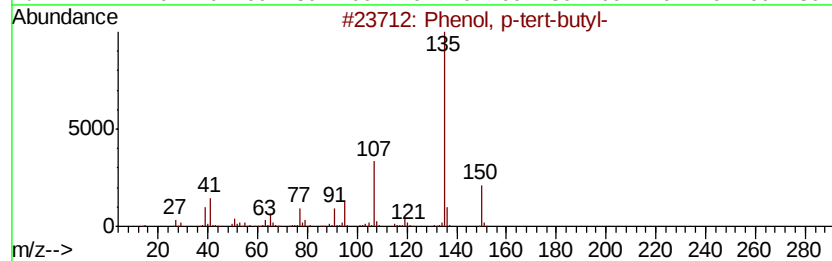
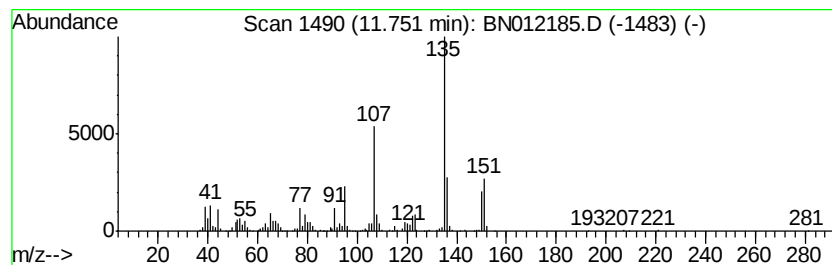
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenol, p-tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.65 ng/ul	903588	Naphthalene-d8	10.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-			150	C10H14O	000098-54-4	74
2	Phenol, m-tert-butyl-			150	C10H14O	000585-34-2	68
3	Phenol, p-tert-butyl-			150	C10H14O	000098-54-4	62
4	Phenol, m-tert-butyl-			150	C10H14O	000585-34-2	52
5	Phenol, p-tert-butyl-			150	C10H14O	000098-54-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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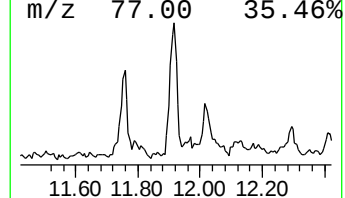
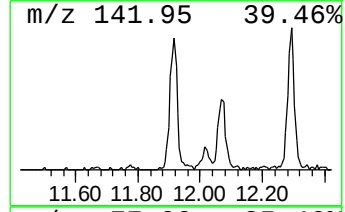
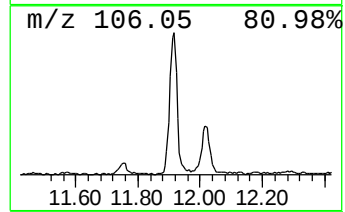
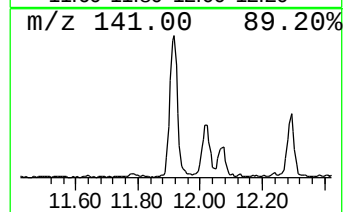
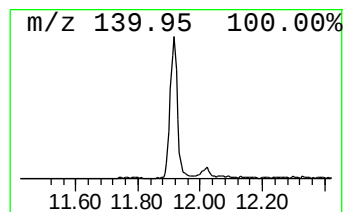
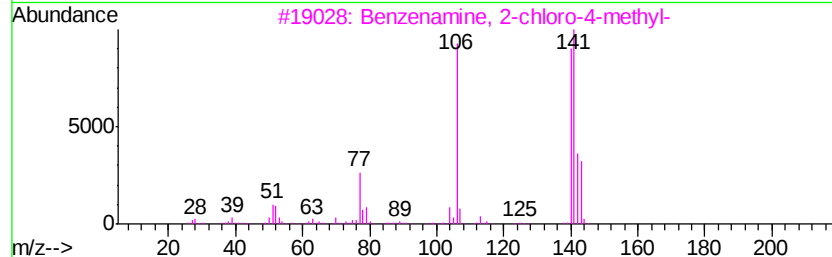
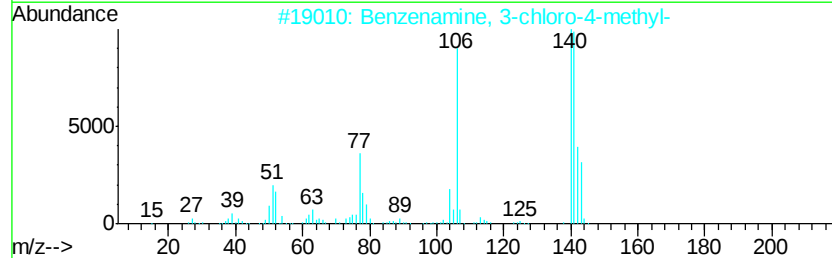
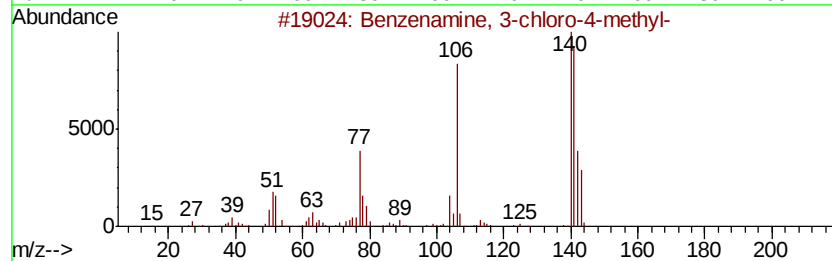
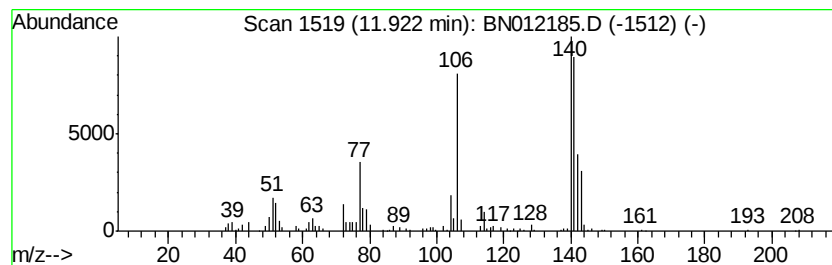
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzenamine, 3-chloro-4-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.10 ng/ul	556349	Napthalene-d8	10.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
2			Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
3			Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	93
4			Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	76
5			Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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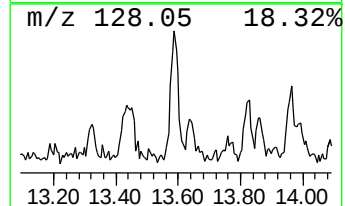
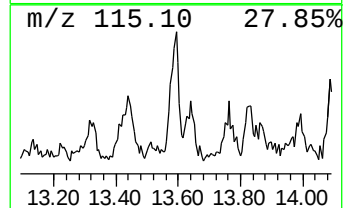
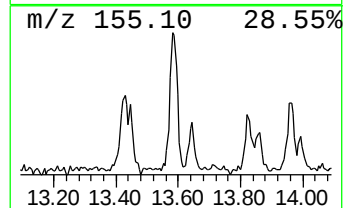
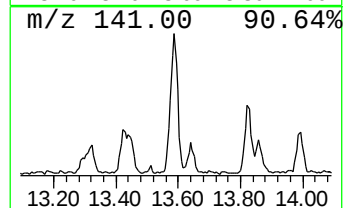
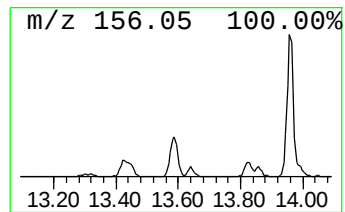
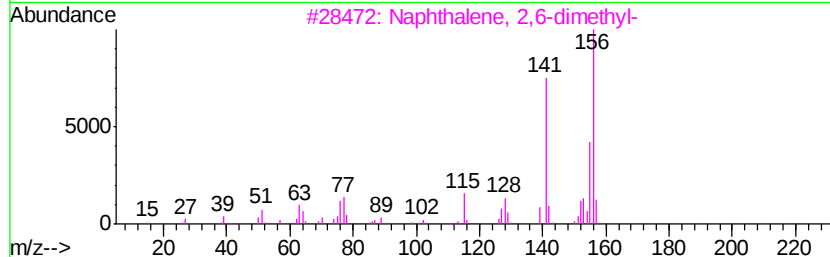
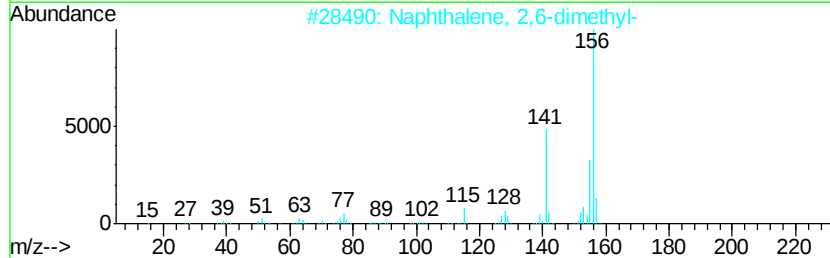
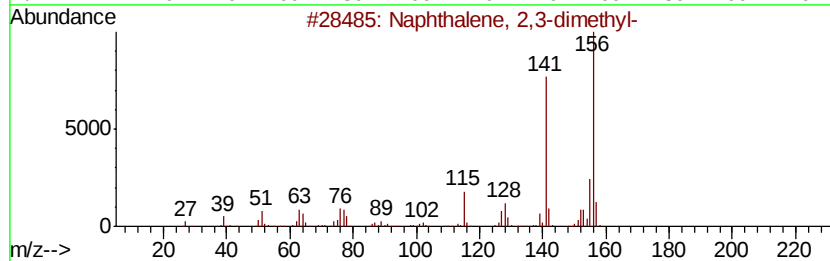
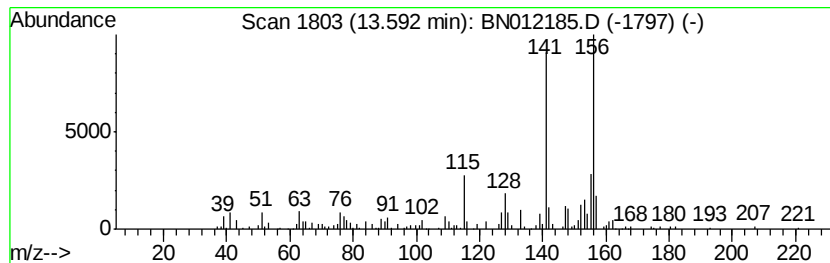
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.12 ng/ul	384196	Acenaphthene-d10	14.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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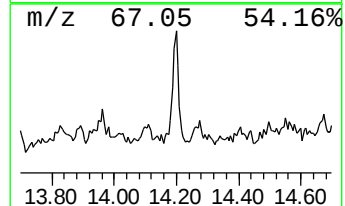
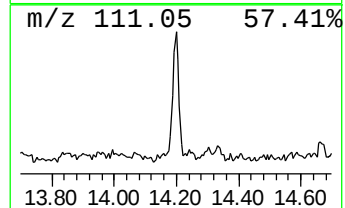
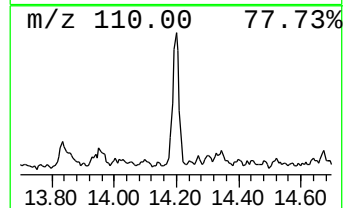
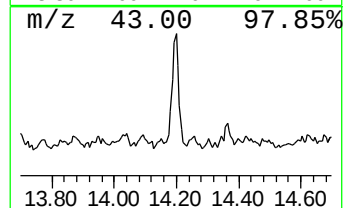
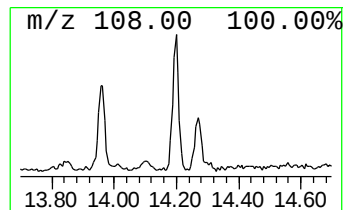
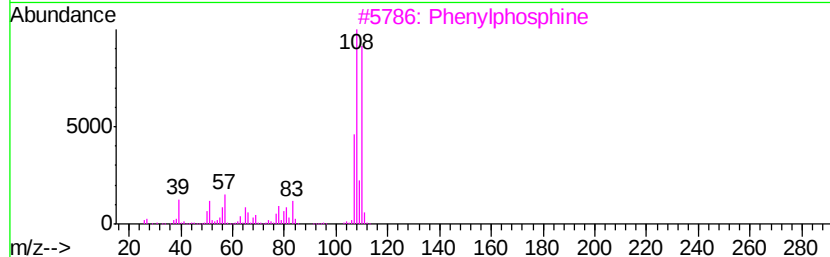
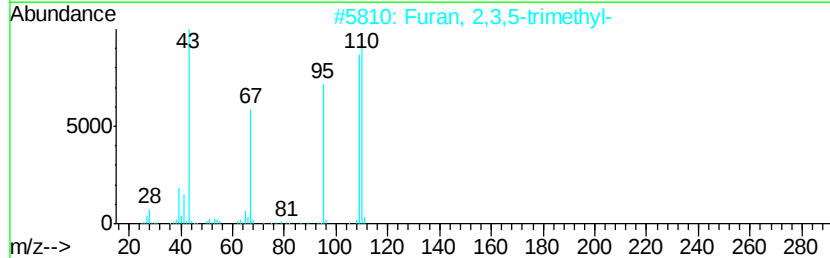
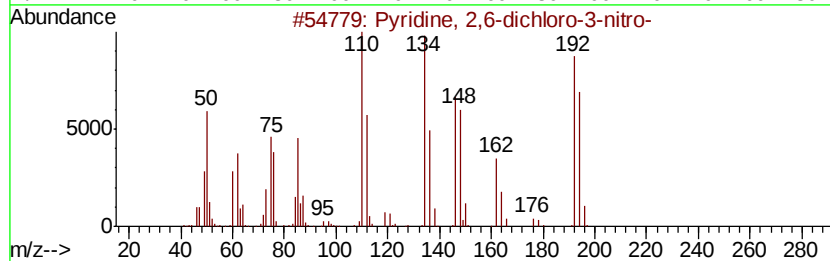
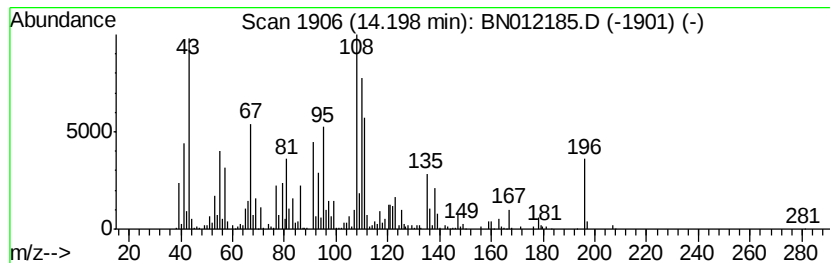
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Pyridine, 2,6-dichloro-3-ni... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.47 ng/ul	628465	Acenaphthene-d10	14.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine, 2,6-dichloro-3-nitro-	192	C5H2Cl2N2O2	016013-85-7	53
2			Furan, 2,3,5-trimethyl-	110	C7H10O	010504-04-8	35
3			Phenylphosphine	110	C6H7P	000638-21-1	35
4			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	35
5			Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
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Misc :
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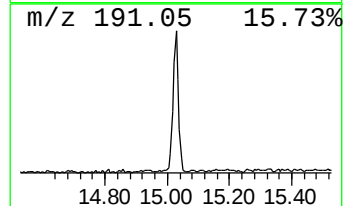
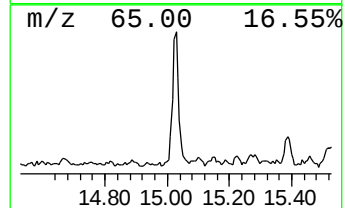
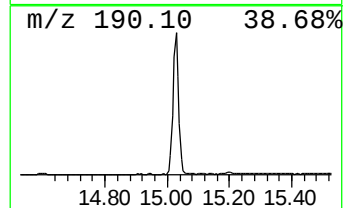
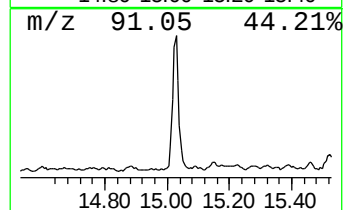
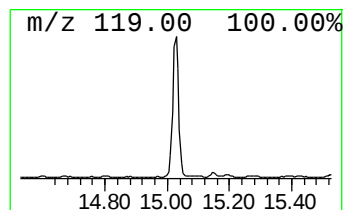
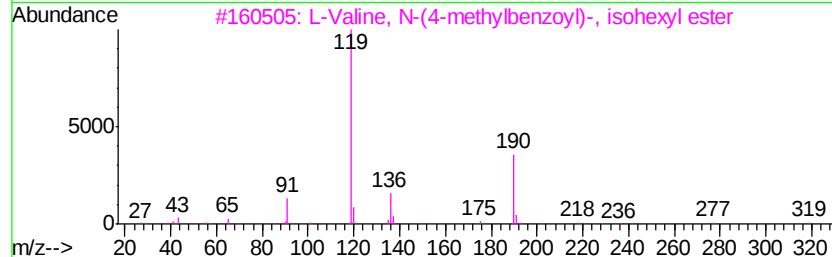
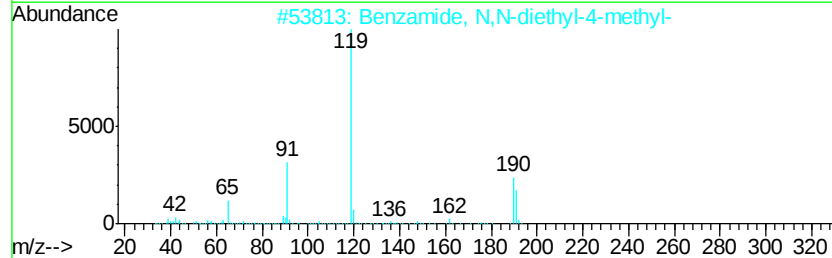
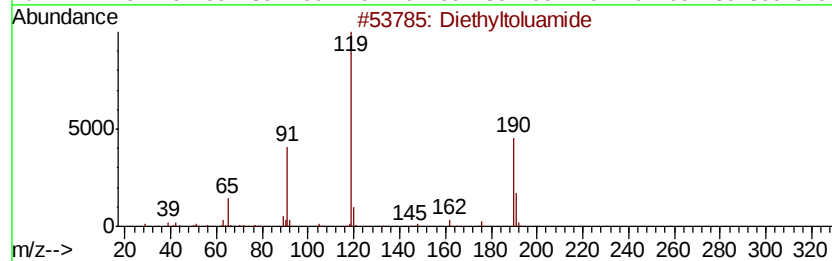
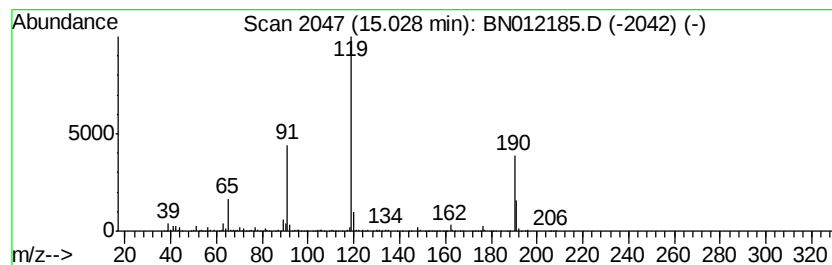
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	6.81 ng/ul	1232150	Acenaphthene-d10	14.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	95
2			Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	81
3			L-Valine, N-(4-methylbenzoyl)-, ...	319	C19H29NO3	1000346-64-2	78
4			L-Valine, N-(4-methylbenzoyl)-, ...	277	C16H23NO3	1000346-63-8	78
5			Diethyltoluamide	191	C12H17NO	000134-62-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB7X2

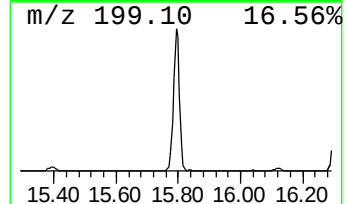
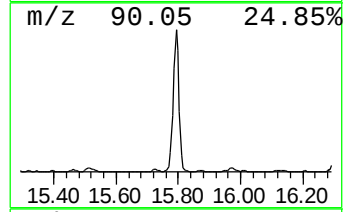
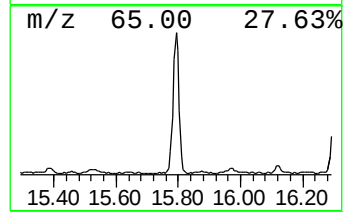
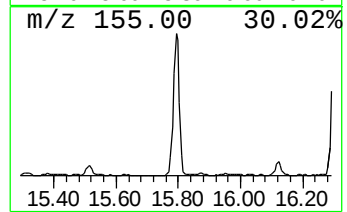
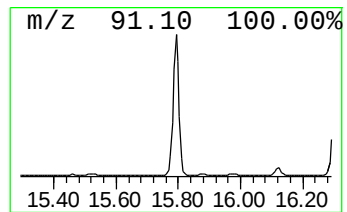
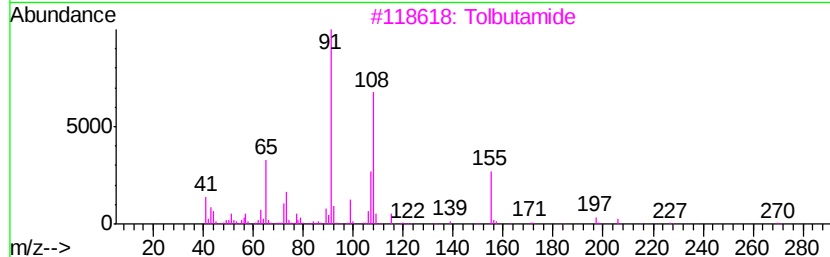
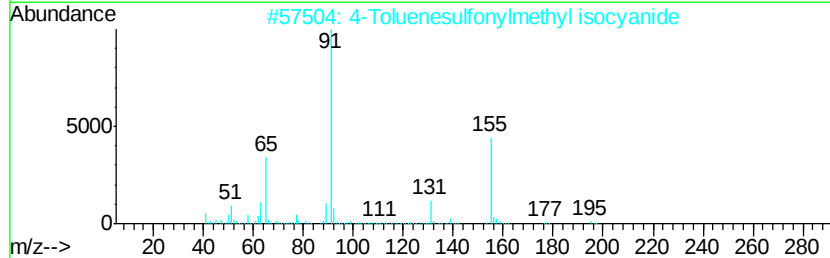
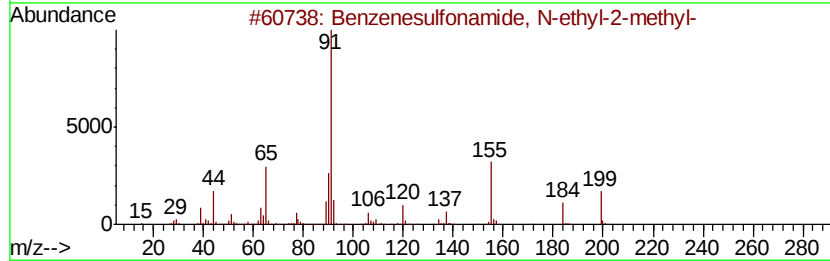
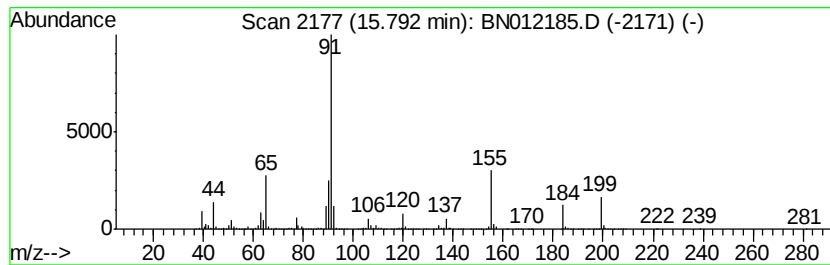
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzenesulfonamide, N-ethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	21.04 ng/ul	4248090	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2		4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	50
3		Tolbutamide	270	C12H18N2O3S	000064-77-7	50
4		4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	50
5		Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB7X2

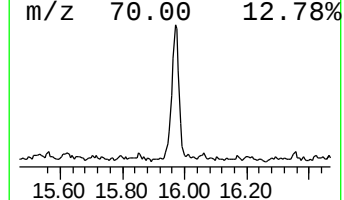
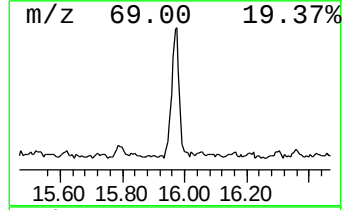
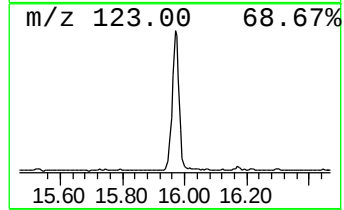
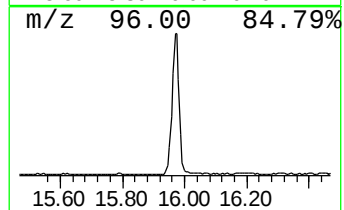
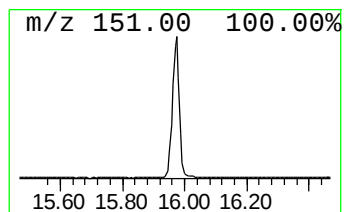
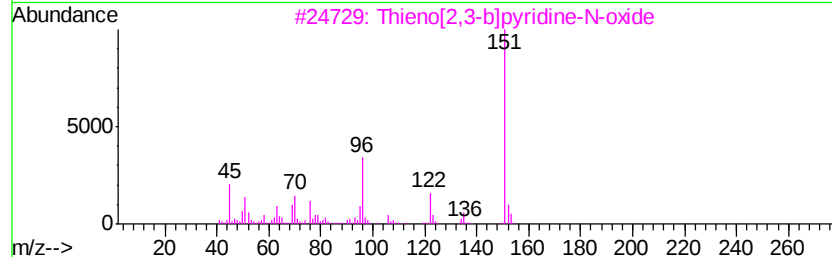
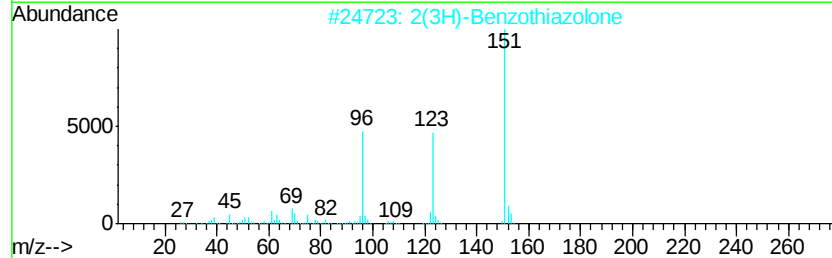
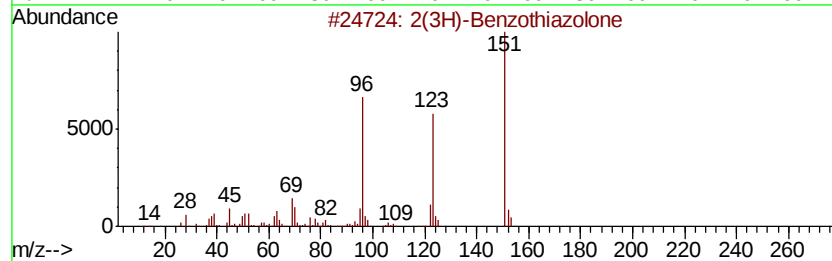
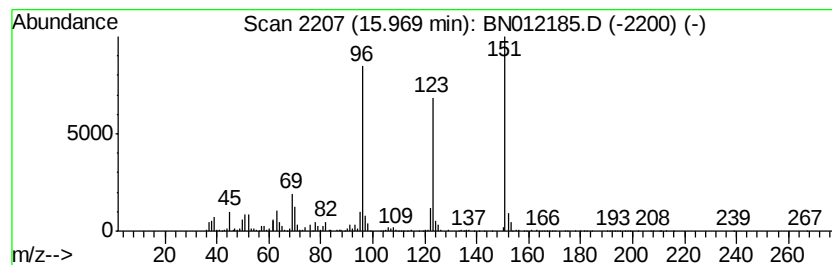
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 2(3H)-Benzothiazolone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	13.00 ng/ul	2623830	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	96
2		2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
3		Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	43
4		6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	38
5		4-Methoxyformanilide	151	C8H9NO2	005470-34-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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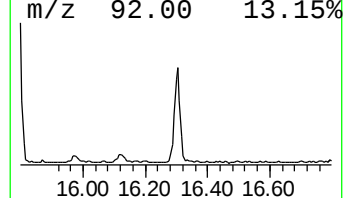
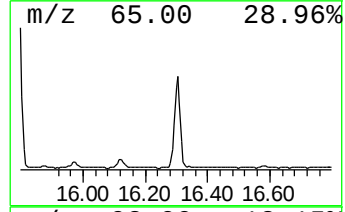
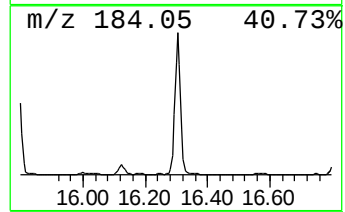
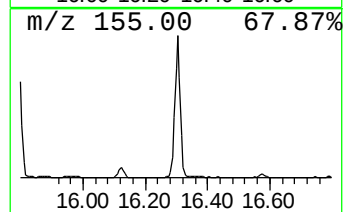
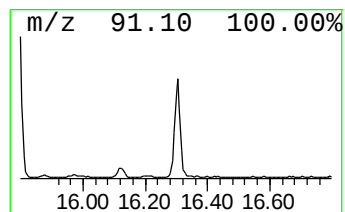
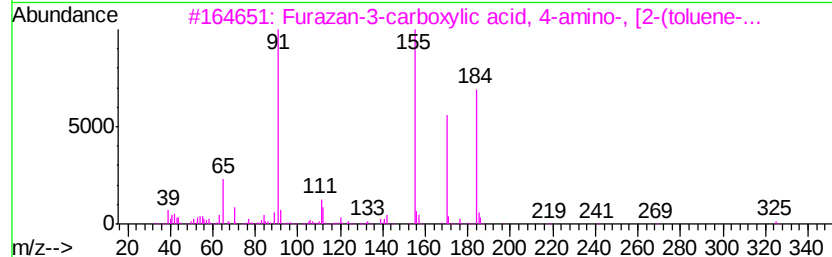
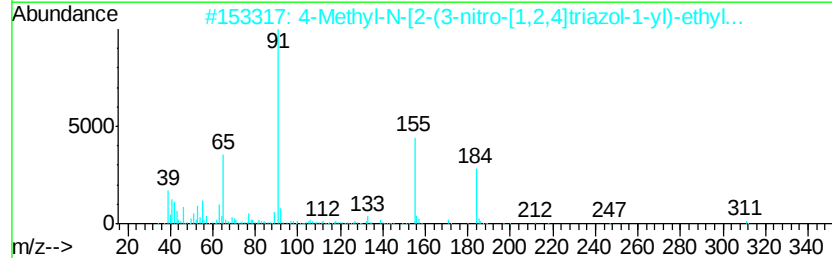
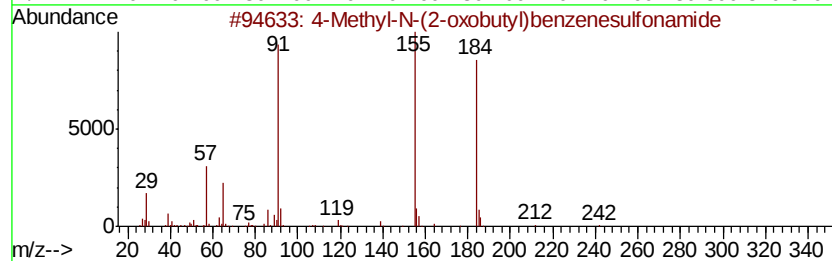
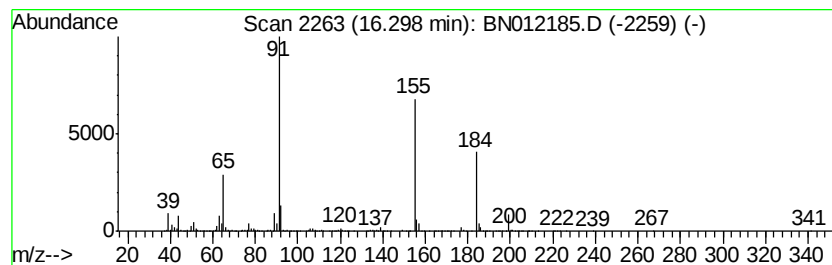
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 4-Methyl-N-(2-oxobutyl)benz... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	11.77 ng/ul	2376110	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15N03S	1000192-14-5	90
2		4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	83
3		Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	83
4		(Toluene-4-sulfonylamino)-acetic...	283	C13H17N04S	1000190-48-0	72
5		Pyridine-2-carbonitrile, 3,5,6-t...	375	C13H8Cl3N3O2S	255713-77-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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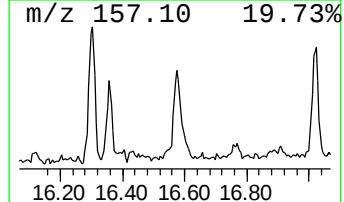
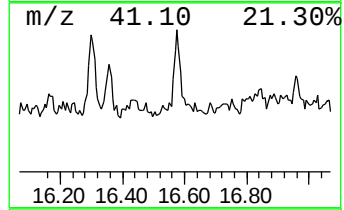
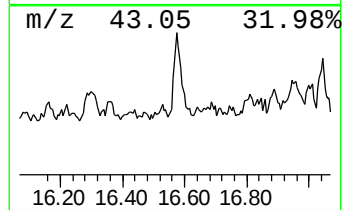
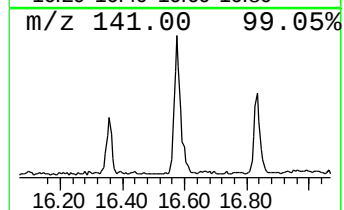
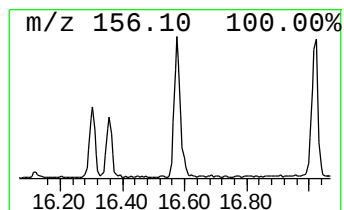
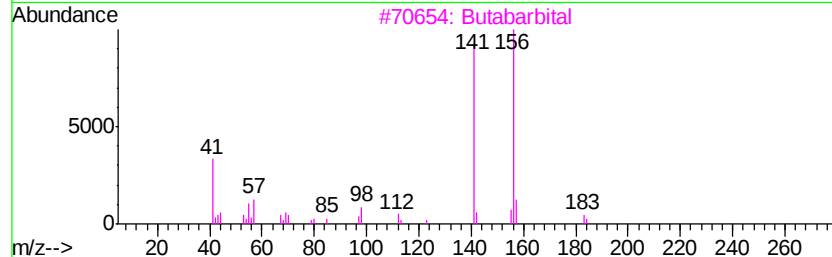
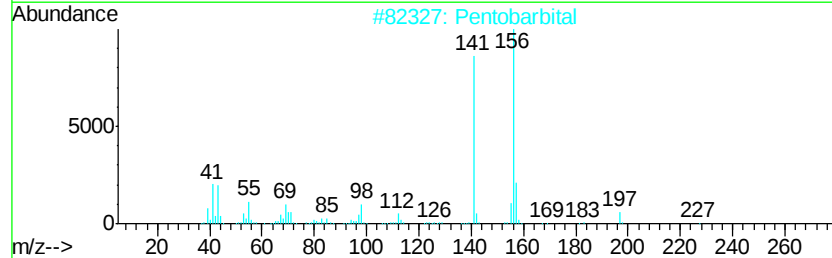
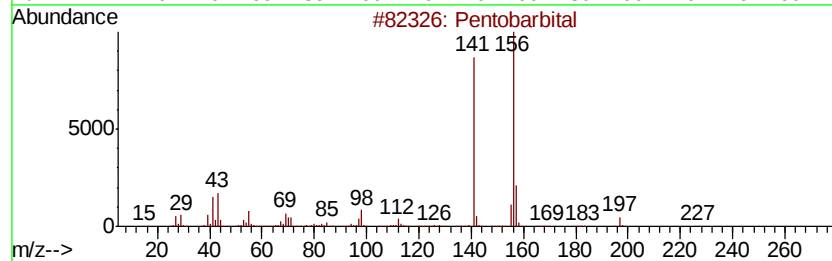
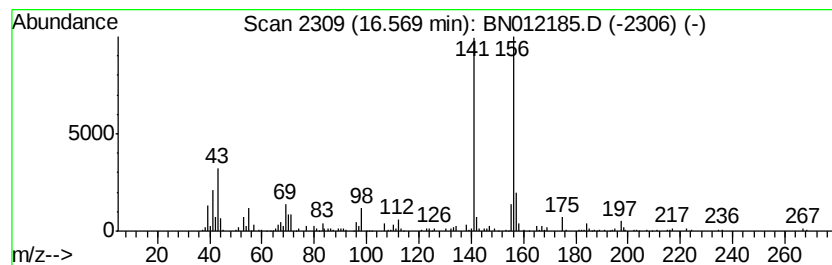
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Pentobarbital Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	2.32 ng/ul	469271	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentobarbital	226	C11H18N2O3	000076-74-4	91
2			Pentobarbital	226	C11H18N2O3	000076-74-4	83
3			Butabarbital	212	C10H16N2O3	000125-40-6	83
4			Pentobarbital	226	C11H18N2O3	000076-74-4	83
5			Butabarbital	212	C10H16N2O3	000125-40-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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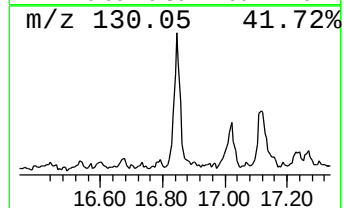
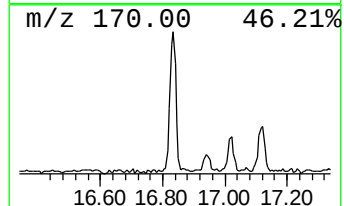
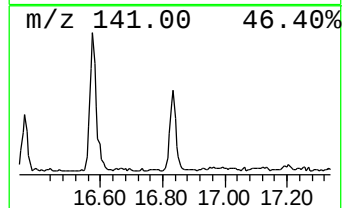
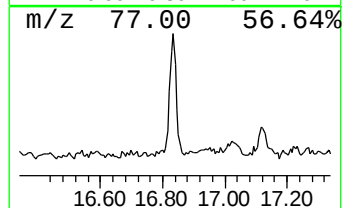
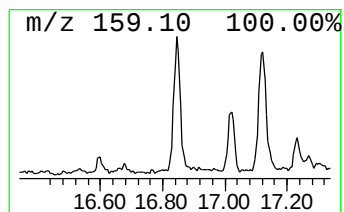
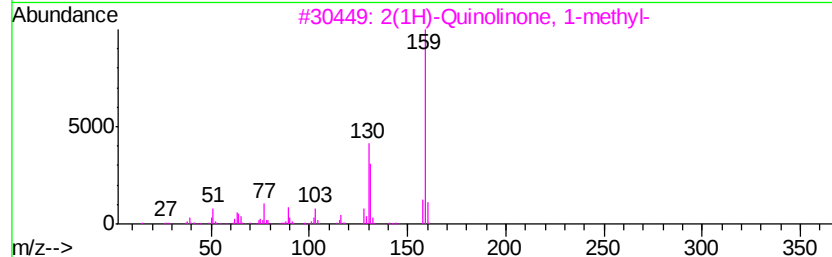
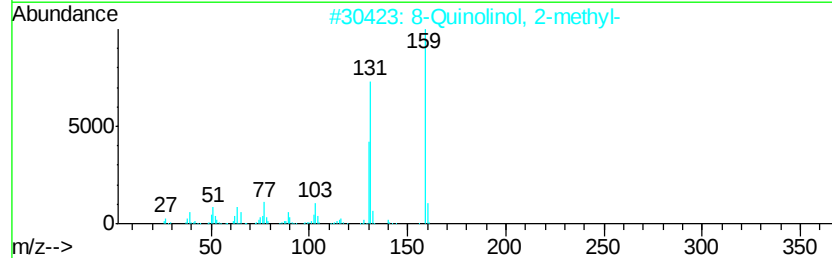
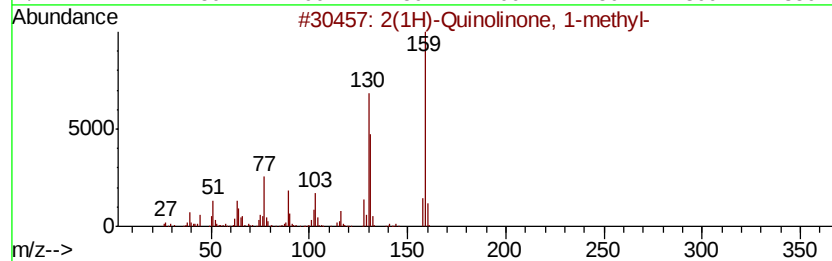
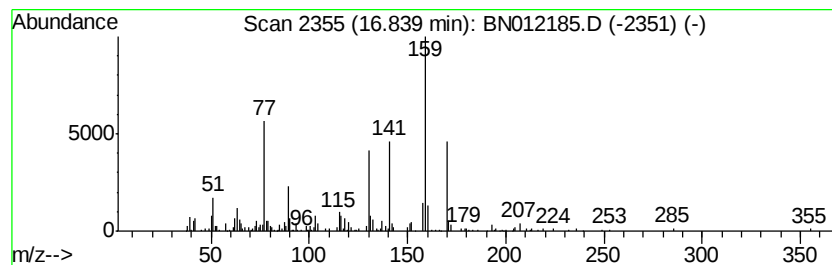
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 2(1H)-Quinolinone, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.07 ng/ul	417392	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	70
2		8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	50
3		2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	49
4		2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	45
5		4-Quinolinol, 2-methyl-	159	C10H9NO	000607-67-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
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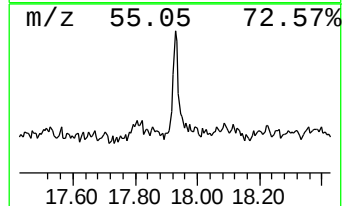
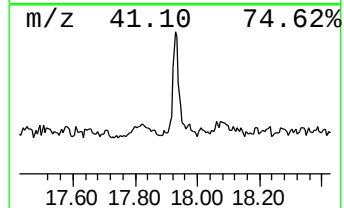
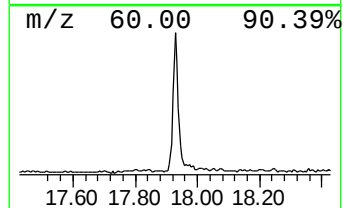
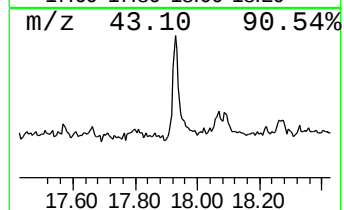
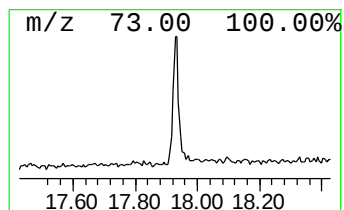
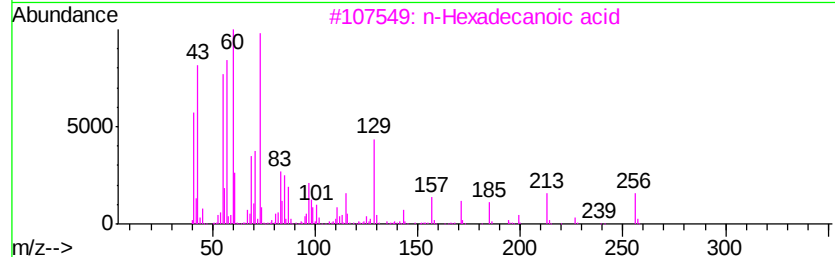
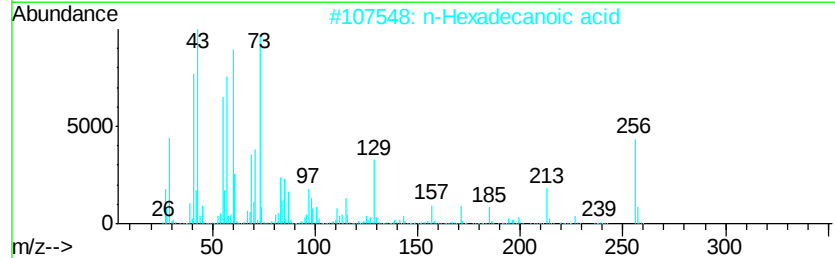
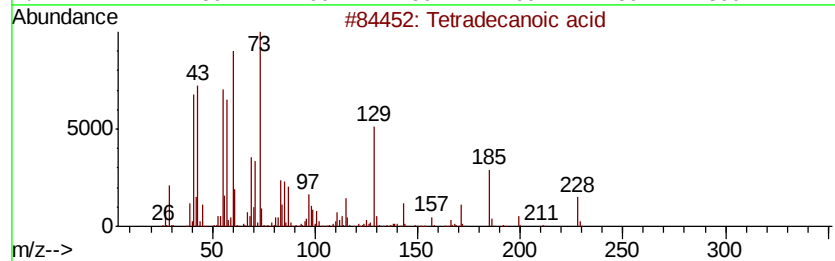
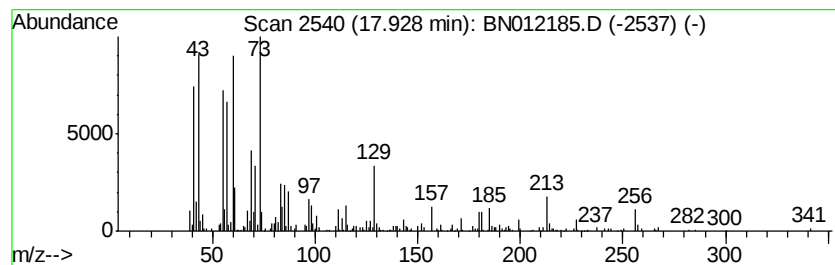
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Tetradecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.85 ng/ul	575127	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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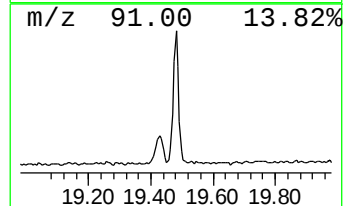
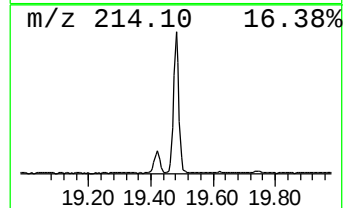
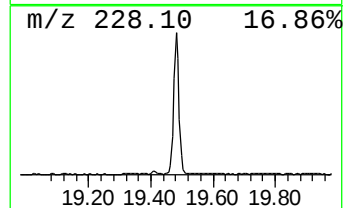
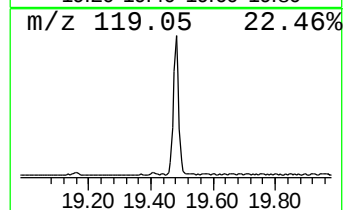
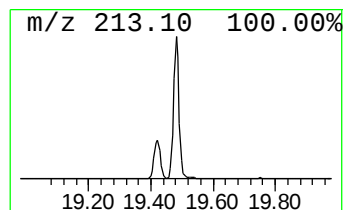
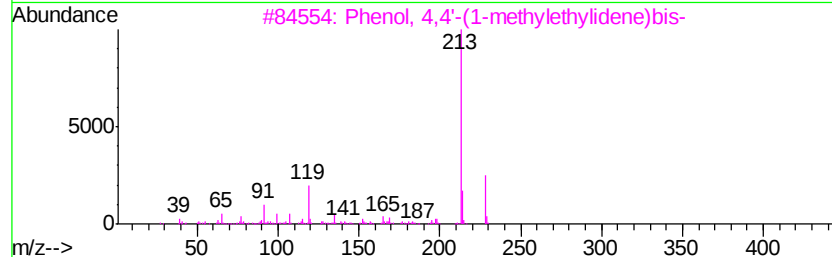
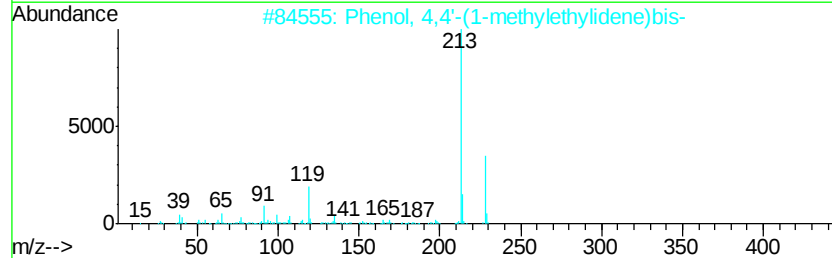
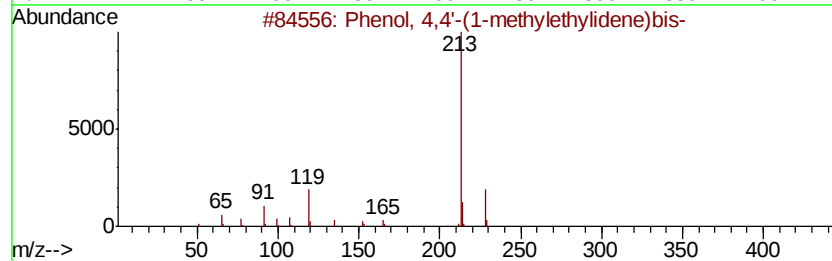
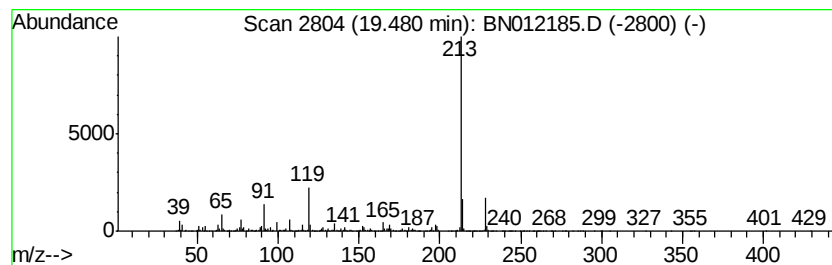
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	21.75 ng/ul	4765430	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	97
2		Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	94
3		Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	92
4		4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	59
5		2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

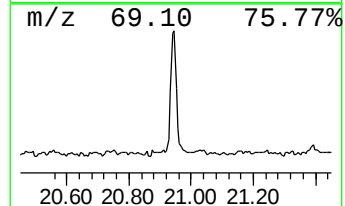
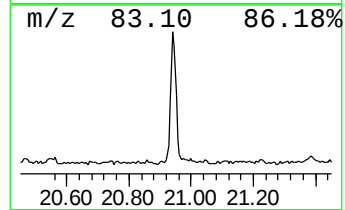
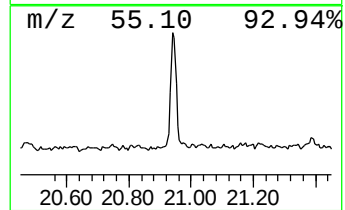
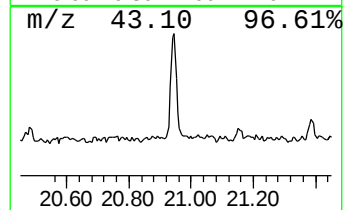
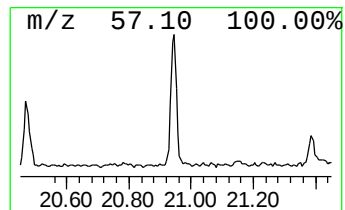
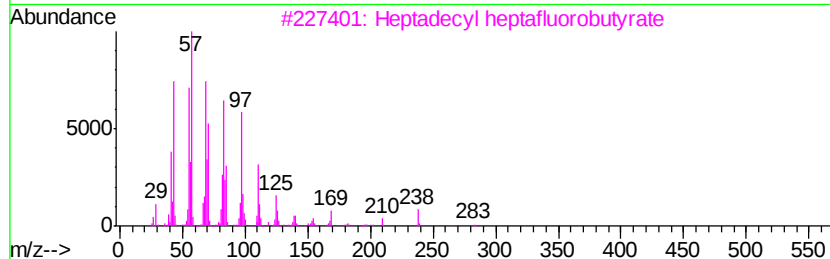
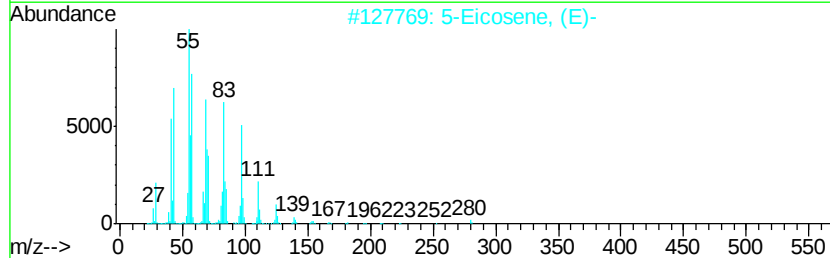
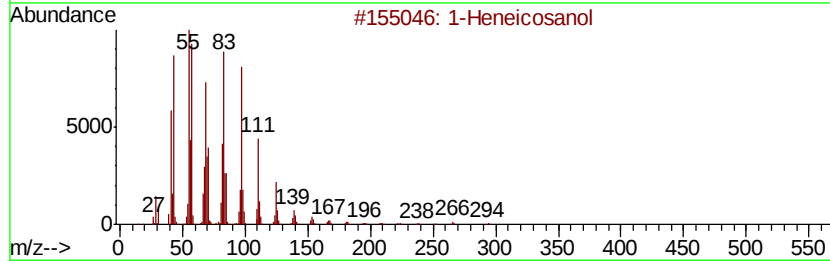
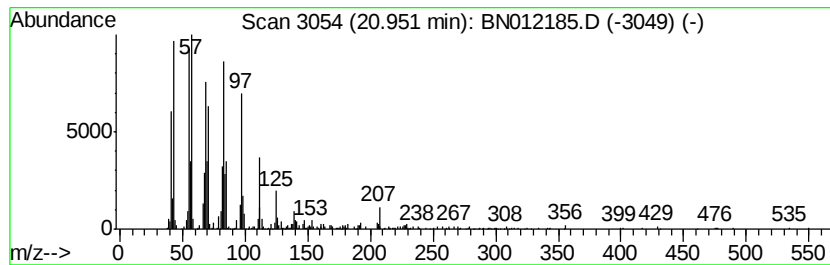
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 1-Heneicosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.24 ng/ul	1148100	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heneicosanol	312 C21H44O	015594-90-8 95
2		5-Eicosene, (E)-	280 C20H40	074685-30-6 94
3		Heptadecyl heptafluorobutvrate	452 C21H35F7O2	959085-66-6 94
4		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 94
5		Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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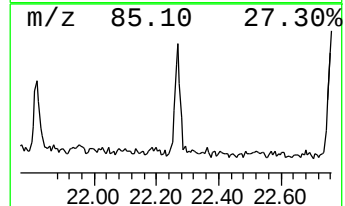
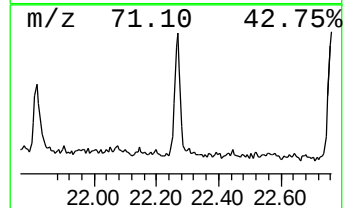
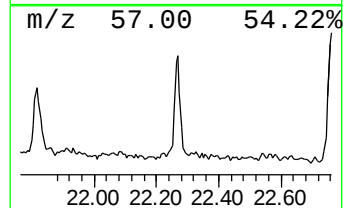
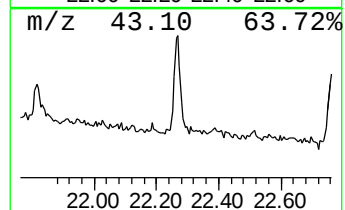
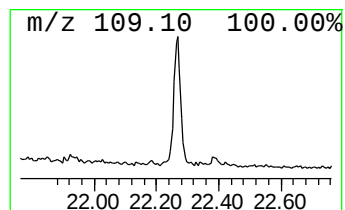
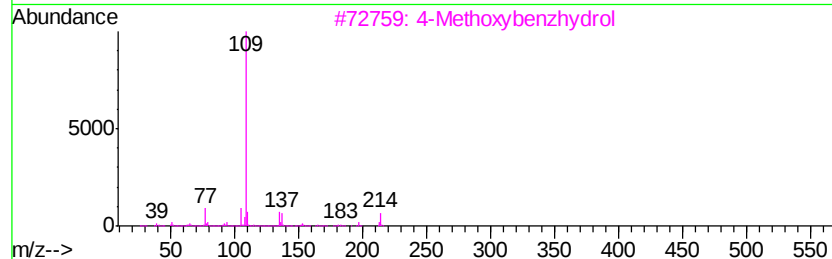
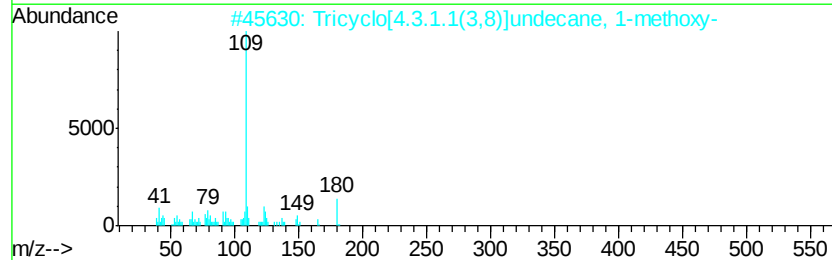
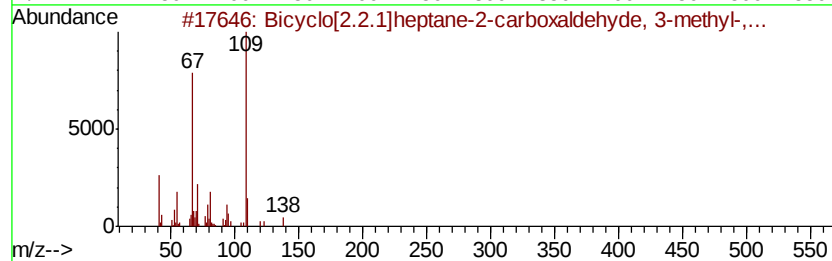
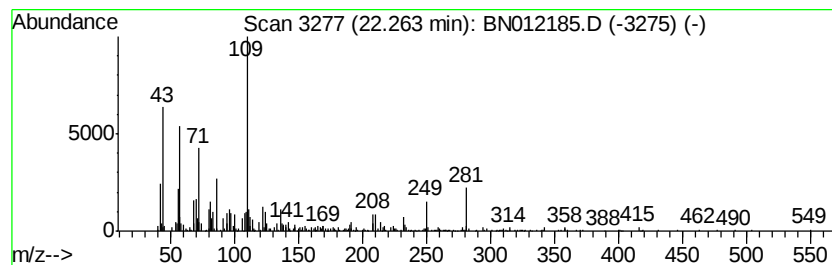
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.96 ng/ul	648079	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane-2-carboxal...	138	C9H14O	015780-36-6	35
2		Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	35
3		4-Methoxybenzhydrol	214	C14H14O2	000720-44-5	35
4		Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	32
5		6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101320\
 Data File : BN012185.D
 Acq On : 14 Oct 2020 06:53
 Operator : CG/JU
 Sample : L4360-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7X2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3-Oxathiolane	4.32	5.7	ng/ul	588392	1	7.63	2061550	20.0
Benzene, chloro-	4.98	8.5	ng/ul	877742	1	7.63	2061550	20.0
Indane	8.00	12.8	ng/ul	1319510	1	7.63	2061550	20.0
Benzenamine, 3-me...	8.60	15.0	ng/ul	1545070	1	7.63	2061550	20.0
Benzene, 1-ethyl-...	8.72	3.5	ng/ul	364596	1	7.63	2061550	20.0
unknown-01	9.13	2.1	ng/ul	287506	2	10.40	2716620	20.0
Benzene, 2-ethyl-...	9.24	2.8	ng/ul	377644	2	10.40	2716620	20.0
Benzene, 1-methyl...	9.81	2.8	ng/ul	380472	2	10.40	2716620	20.0
unknown-02	9.95	3.7	ng/ul	501654	2	10.40	2716620	20.0
Morpholine, 4-ace...	10.34	3.2	ng/ul	431673	2	10.40	2716620	20.0
unknown-03	11.25	2.0	ng/ul	276914	2	10.40	2716620	20.0
Phenol, p-tert-bu...	11.75	6.7	ng/ul	903588	2	10.40	2716620	20.0
Benzenamine, 3-ch...	11.92	4.1	ng/ul	556349	2	10.40	2716620	20.0
Naphthalene, 2,3-...	13.59	2.1	ng/ul	384196	3	14.27	3619330	20.0
Pyridine, 2,6-dic...	14.20	3.5	ng/ul	628465	3	14.27	3619330	20.0
Diethyltoluamide	15.03	6.8	ng/ul	1232150	3	14.27	3619330	20.0
Benzenesulfonamid...	15.79	21.0	ng/ul	4248090	4	17.02	4038060	20.0
2(3H)-Benzothiazo...	15.97	13.0	ng/ul	2623830	4	17.02	4038060	20.0
4-Methyl-N-(2-oxo...	16.30	11.8	ng/ul	2376110	4	17.02	4038060	20.0
Pentobarbital	16.57	2.3	ng/ul	469271	4	17.02	4038060	20.0
2(1H)-Quinolinone...	16.84	2.1	ng/ul	417392	4	17.02	4038060	20.0
Tetradecanoic acid	17.93	2.9	ng/ul	575127	4	17.02	4038060	20.0
Phenol, 4,4'-(1-m...	19.48	21.8	ng/ul	4765430	5	21.22	4381350	20.0
1-Heneicosanol	20.95	5.2	ng/ul	1148100	5	21.22	4381350	20.0
unknown-04	22.26	3.0	ng/ul	648079	5	21.22	4381350	20.0