

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022871.D
 Acq On : 02 Oct 2019 01:56
 Operator : JU
 Sample : K4983-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDJ3

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-BM092719MA.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	3.305	50	54	69	rVB	1543759	1871446	51.66%	1.990%
2	3.734	123	127	132	rBV	153228	188538	5.20%	0.200%
3	4.005	165	173	184	rVB2	175994	300574	8.30%	0.320%
4	4.269	213	218	226	rBV	325261	417926	11.54%	0.444%
5	4.446	244	248	256	rBV	451416	587485	16.22%	0.625%
6	4.899	317	325	333	rVV	493571	682010	18.83%	0.725%
7	5.322	391	397	404	rVV	617499	895005	24.71%	0.952%
8	5.457	414	420	438	rVB	1764145	3442509	95.03%	3.660%
9	5.822	476	482	496	rVB	1408692	2066280	57.04%	2.197%
10	6.793	641	647	652	rBV	167145	289126	7.98%	0.307%
11	6.899	659	665	670	rVV	617030	907637	25.06%	0.965%
12	6.957	670	675	684	rVV4	572545	1151554	31.79%	1.224%
13	7.034	684	688	695	rVB	396687	576712	15.92%	0.613%
14	7.134	699	705	711	rBV	495485	781064	21.56%	0.830%
15	7.199	711	716	721	rVV	362566	533953	14.74%	0.568%
16	7.334	730	739	746	rBV	594730	946436	26.13%	1.006%
17	7.457	753	760	767	rVB	1568665	2385733	65.86%	2.537%
18	7.804	810	819	824	rBV	1031079	1732124	47.82%	1.842%
19	7.922	833	839	847	rVB	665022	1094973	30.23%	1.164%
20	8.175	874	882	888	rVB2	468841	1126495	31.10%	1.198%
21	8.234	888	892	898	rVB	101512	149420	4.12%	0.159%
22	8.351	907	912	920	rVB2	132396	237664	6.56%	0.253%
23	8.445	920	928	933	rBV2	242766	447765	12.36%	0.476%
24	8.504	933	938	945	rVB	557992	877336	24.22%	0.933%
25	8.610	951	956	963	rVB2	70088	134328	3.71%	0.143%
26	8.757	976	981	986	rBV	134235	205445	5.67%	0.218%
27	8.810	986	990	996	rVB	136786	209714	5.79%	0.223%
28	8.910	1001	1007	1010	rBV	286363	450409	12.43%	0.479%
29	8.951	1010	1014	1019	rBV	505458	770746	21.28%	0.820%
30	9.045	1025	1030	1041	rVB	503898	809393	22.34%	0.861%
31	9.222	1053	1060	1070	rVV2	348839	679825	18.77%	0.723%
32	9.428	1087	1095	1100	rVB2	169296	328656	9.07%	0.349%
33	9.487	1100	1105	1112	rVB	269398	428963	11.84%	0.456%
34	9.675	1130	1137	1144	rBV	521001	892058	24.63%	0.949%

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35	9.769	1145	1153	1157	rVV	1090382	1839024	50.77%	1.955%
36	9.804	1157	1159	1163	rVV	468876	561027	15.49%	0.597%
37	9.845	1163	1166	1175	rVB2	224094	391311	10.80%	0.416%
38	10.010	1182	1194	1200	rBV5	875609	2155833	59.51%	2.292%
39	10.075	1200	1205	1213	rVV	1552704	2379078	65.68%	2.530%
40	10.145	1213	1217	1222	rVB2	106975	168748	4.66%	0.179%
41	10.222	1222	1230	1238	rVB3	1244791	2596806	71.69%	2.761%
42	10.381	1248	1257	1261	rBV	112221	237976	6.57%	0.253%
43	10.463	1266	1271	1276	rVV	470163	734627	20.28%	0.781%
44	10.510	1276	1279	1284	rVB2	109628	157546	4.35%	0.168%
45	10.592	1284	1293	1297	rBV	1568848	2713319	74.90%	2.885%
46	10.645	1297	1302	1309	rVB	1702365	2811168	77.60%	2.989%
47	10.728	1309	1316	1328	rVB3	666205	1480492	40.87%	1.574%
48	10.863	1333	1339	1345	rVB	103636	178356	4.92%	0.190%
49	10.957	1347	1355	1361	rVB	341803	630887	17.42%	0.671%
50	11.039	1361	1369	1378	rVB	108157	254038	7.01%	0.270%
51	11.128	1378	1384	1389	rBV	324693	558875	15.43%	0.594%
52	11.204	1395	1397	1402	rVB	129178	166443	4.59%	0.177%
53	11.422	1426	1434	1438	rVV	516078	847838	23.40%	0.901%
54	11.510	1445	1449	1454	rVB	77521	129632	3.58%	0.138%
55	11.616	1462	1467	1472	rBV	312337	512475	14.15%	0.545%
56	11.669	1472	1476	1480	rVV	294312	487010	13.44%	0.518%
57	11.704	1480	1482	1490	rVB3	199808	327874	9.05%	0.349%
58	11.792	1493	1497	1505	rVB4	68580	132474	3.66%	0.141%
59	11.933	1511	1521	1526	rBV	318709	658075	18.17%	0.700%
60	12.104	1545	1550	1554	rBV3	90052	168913	4.66%	0.180%
61	12.257	1569	1576	1581	rBV	833797	1320373	36.45%	1.404%
62	12.475	1604	1613	1619	rBV	663888	1116447	30.82%	1.187%
63	12.639	1635	1641	1645	rBV4	112854	224045	6.18%	0.238%
64	12.945	1686	1693	1701	rVB4	70126	193958	5.35%	0.206%
65	13.016	1701	1705	1714	rVB3	65145	127135	3.51%	0.135%
66	13.145	1714	1727	1729	rBV6	63735	193503	5.34%	0.206%
67	13.280	1745	1750	1758	rVB2	198186	380925	10.52%	0.405%
68	13.610	1801	1806	1817	rVV8	105413	349409	9.65%	0.372%
69	13.763	1826	1832	1836	rBV2	157182	297898	8.22%	0.317%
70	13.845	1841	1846	1851	rVB	1586532	2131920	58.85%	2.267%
71	13.892	1851	1854	1858	rBV	166453	209328	5.78%	0.223%

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72	13.992	1867	1871	1875	rBV3	85336	136906	3.78%	0.146%
73	14.127	1888	1894	1903	rVB2	1721771	2652716	73.23%	2.821%
74	14.439	1939	1947	1954	rBV	2317530	3622486	100.00%	3.852%
75	14.498	1954	1957	1964	rVB	174732	278528	7.69%	0.296%
76	14.627	1973	1979	1986	rVV3	251076	459636	12.69%	0.489%
77	14.710	1989	1993	1998	rVB3	173559	274793	7.59%	0.292%
78	14.833	2010	2014	2021	rVB5	51316	124470	3.44%	0.132%
79	15.322	2090	2097	2102	rVB2	112065	223172	6.16%	0.237%
80	15.427	2109	2115	2121	rBV	2270915	3211768	88.66%	3.415%
81	15.480	2121	2124	2129	rVB	96793	136150	3.76%	0.145%
82	15.539	2129	2134	2142	rBV	729498	1020428	28.17%	1.085%
83	15.663	2152	2155	2167	rVB4	111264	259430	7.16%	0.276%
84	15.757	2167	2171	2176	rBV2	71054	130497	3.60%	0.139%
85	15.939	2197	2202	2209	rVB2	177491	296060	8.17%	0.315%
86	16.104	2225	2230	2235	rBV	192608	273821	7.56%	0.291%
87	16.157	2236	2239	2246	rVB5	61444	114991	3.17%	0.122%
88	16.445	2283	2288	2291	rBV2	86662	133745	3.69%	0.142%
89	17.174	2406	2412	2417	rBV2	2301017	3353173	92.57%	3.565%
90	17.215	2417	2419	2423	rVV	167851	211488	5.84%	0.225%
91	17.274	2423	2429	2439	rVV	2335044	3346264	92.37%	3.558%
92	17.539	2470	2474	2477	rBV2	92554	132923	3.67%	0.141%
93	18.074	2560	2565	2584	rBV	680645	1045050	28.85%	1.111%
94	19.357	2778	2783	2791	rBV	304050	468786	12.94%	0.498%
95	19.568	2813	2819	2823	rBV	2485781	3443227	95.05%	3.661%
96	19.609	2823	2826	2834	rVB	446899	587496	16.22%	0.625%
97	21.068	3070	3074	3084	rBV	470652	576972	15.93%	0.613%
98	21.356	3117	3123	3128	rBV	2250230	2915363	80.48%	3.100%
99	23.474	3477	3483	3499	rVB	1669702	3237105	89.36%	3.442%
100	23.621	3501	3508	3516	rVB	1552015	2956487	81.61%	3.144%

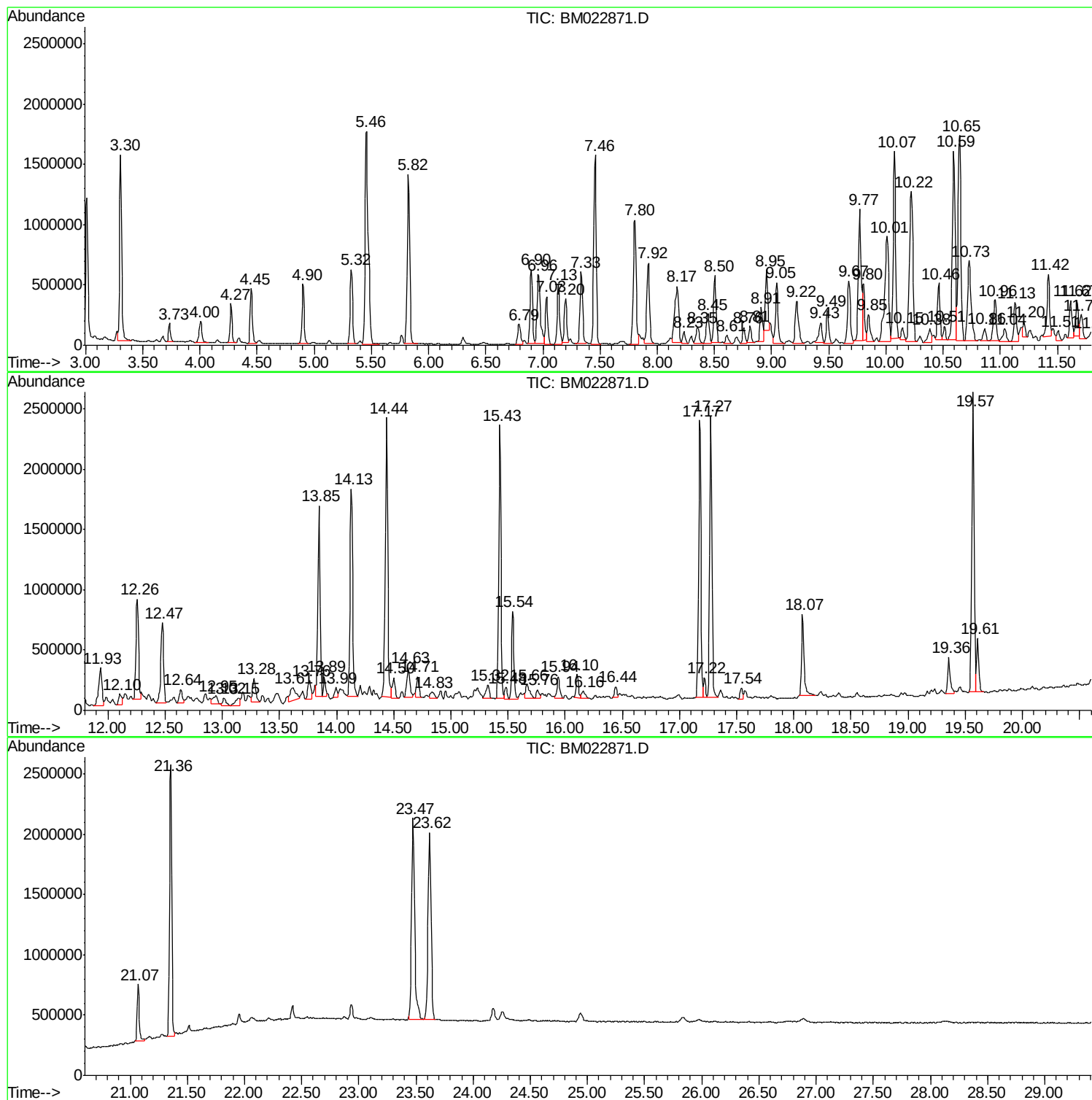
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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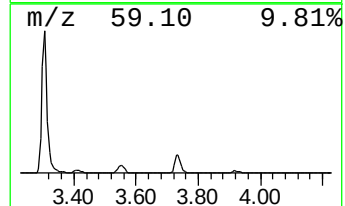
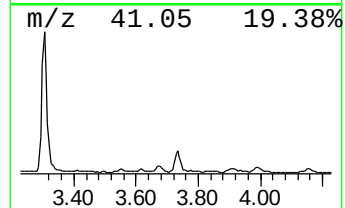
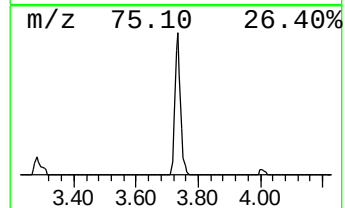
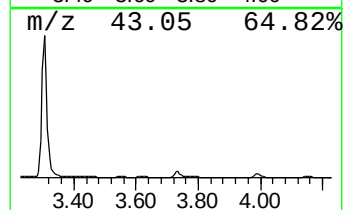
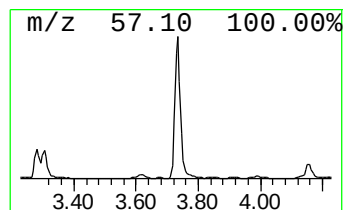
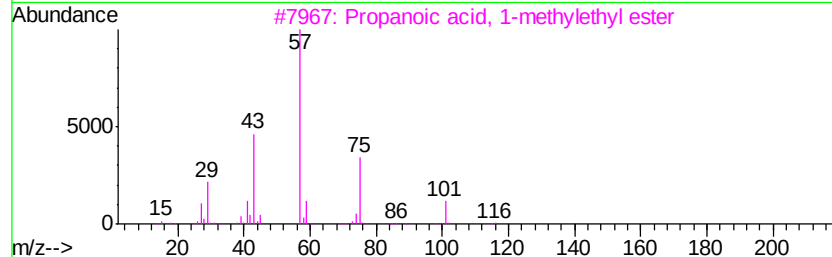
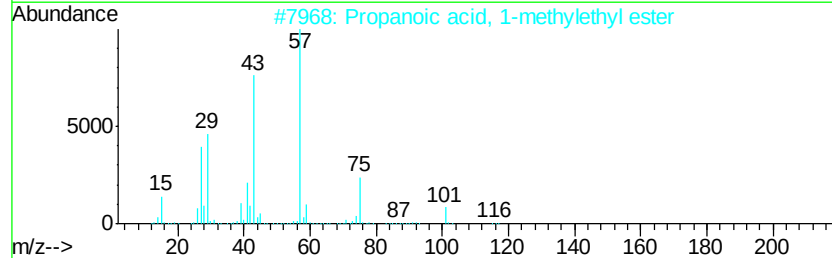
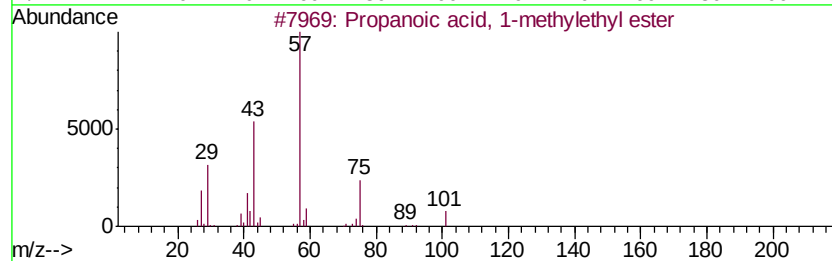
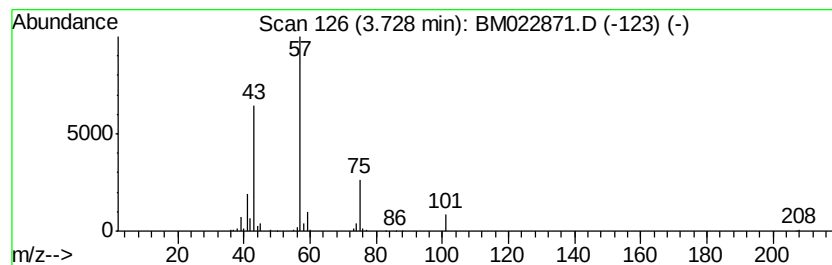
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	2.18 ng/ul	188538	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	45
5		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	40



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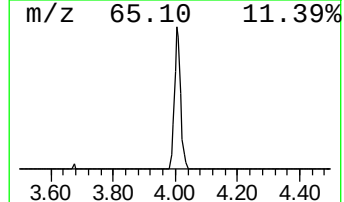
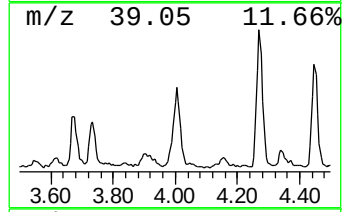
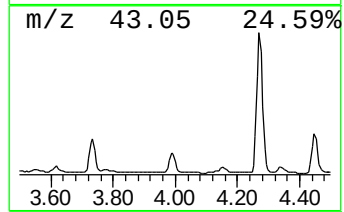
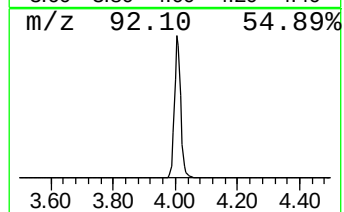
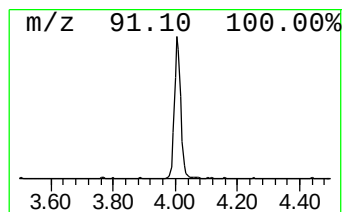
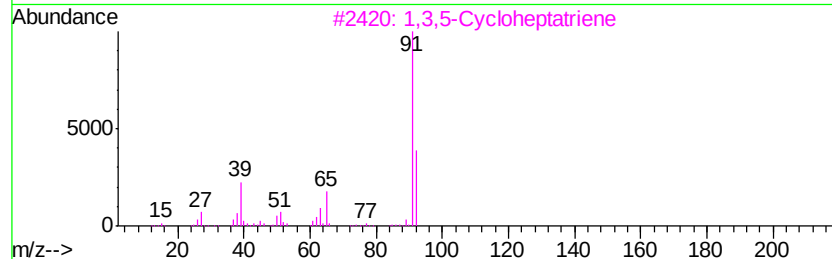
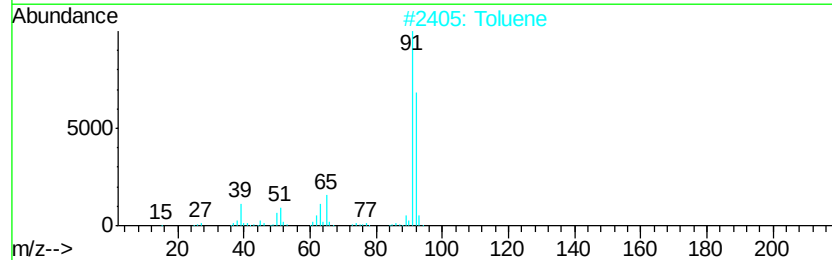
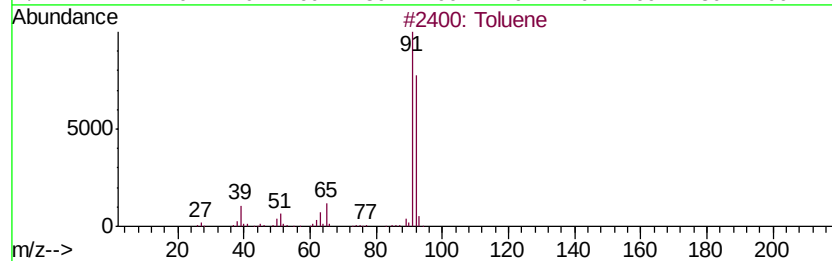
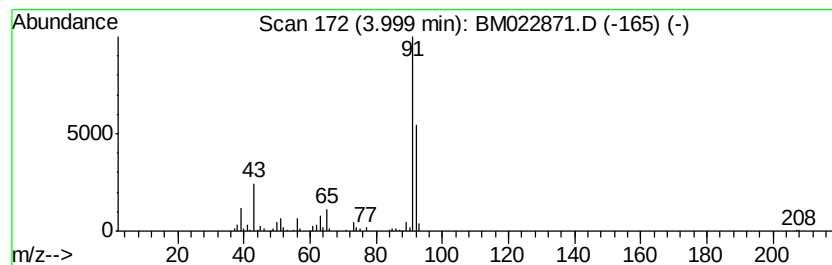
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Toluene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	3.47 ng/ul	300574	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	94
2		Toluene	92	C7H8	000108-88-3	93
3		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
4		Toluene	92	C7H8	000108-88-3	87
5		Toluene	92	C7H8	000108-88-3	87



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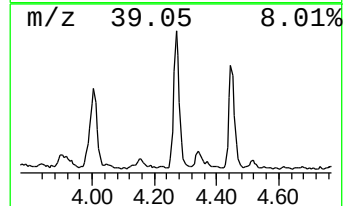
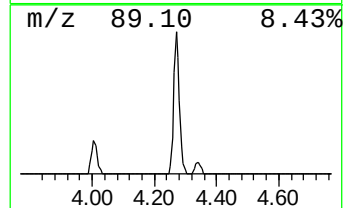
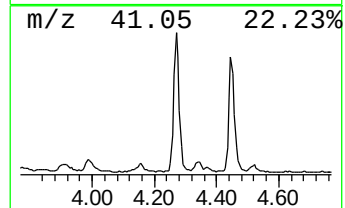
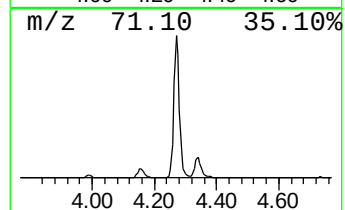
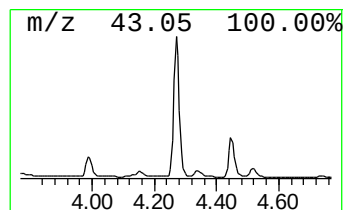
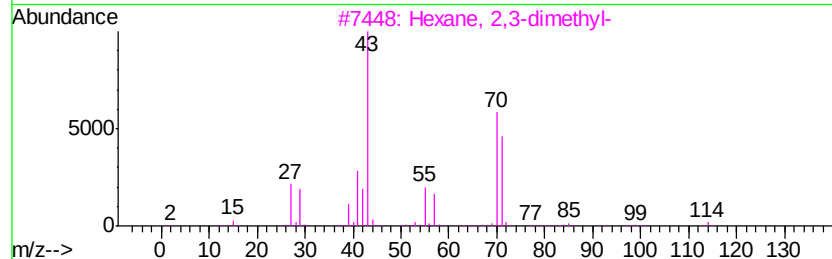
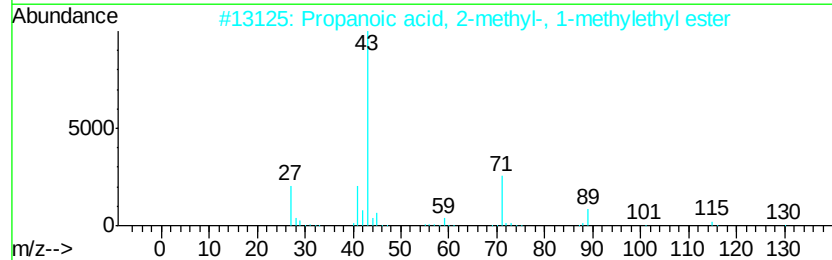
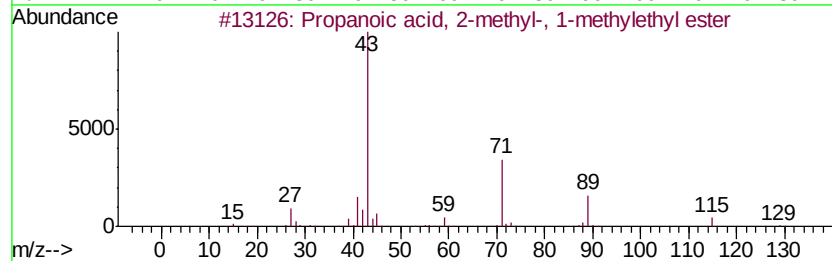
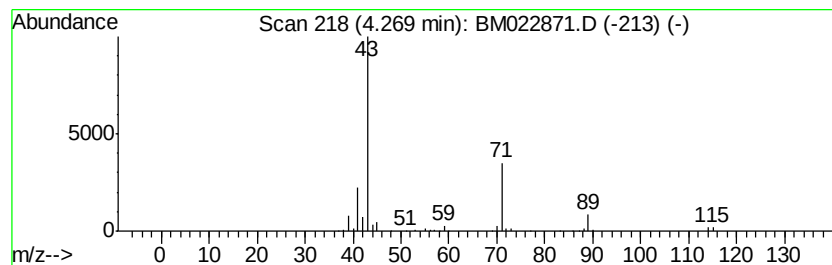
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	4.83 ng/ul	417926	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
2		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	59
4		Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	40
5		Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39



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Acq On : 02 Oct 2019 01:56
Operator : JU
Sample : K4983-10
Misc :
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ClientSampleId :
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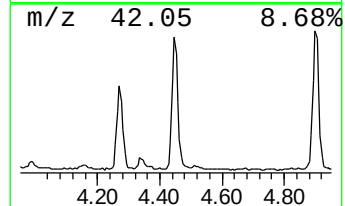
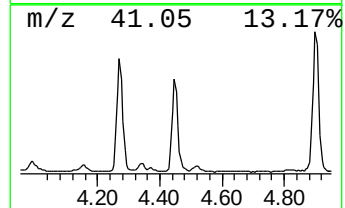
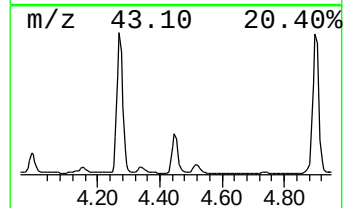
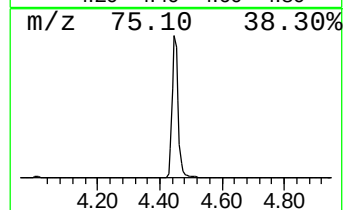
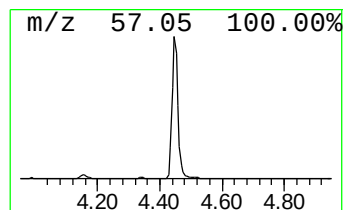
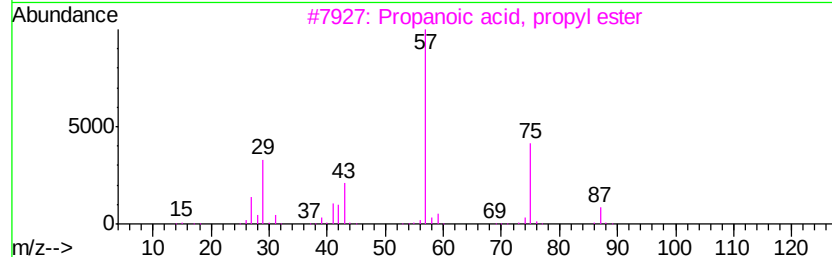
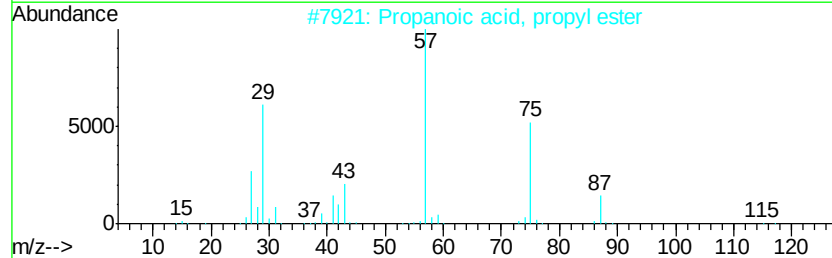
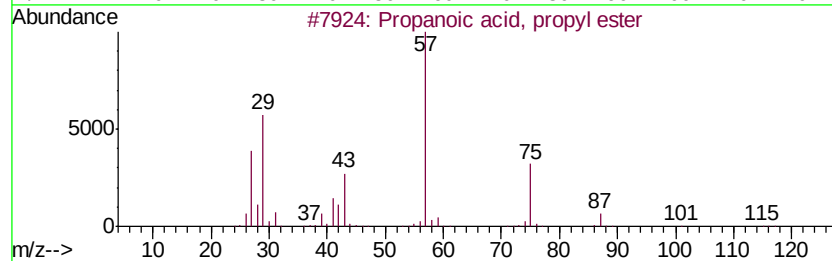
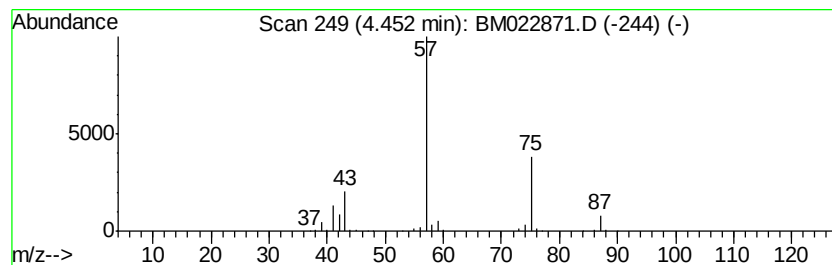
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	6.78 ng/ul	587485	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
2			Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
3			Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
4			Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
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ClientSampleId :
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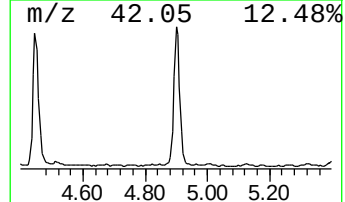
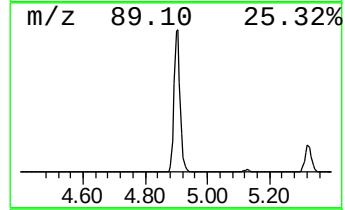
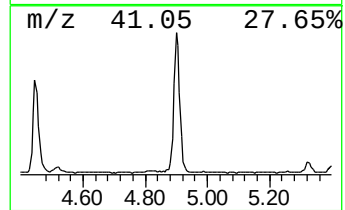
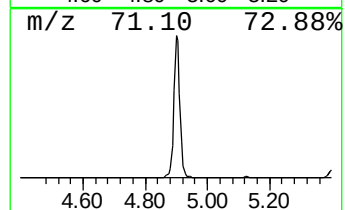
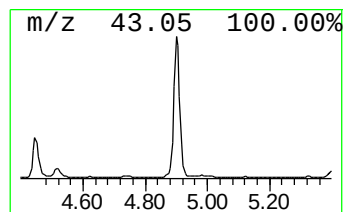
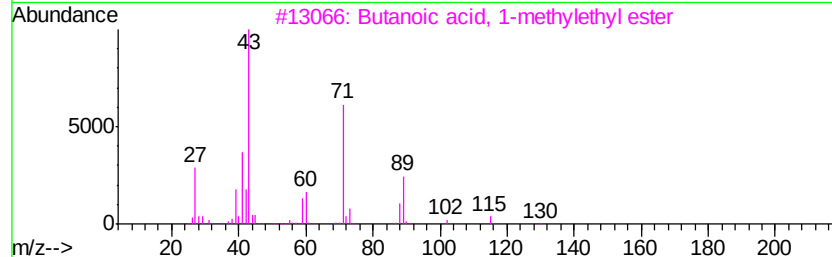
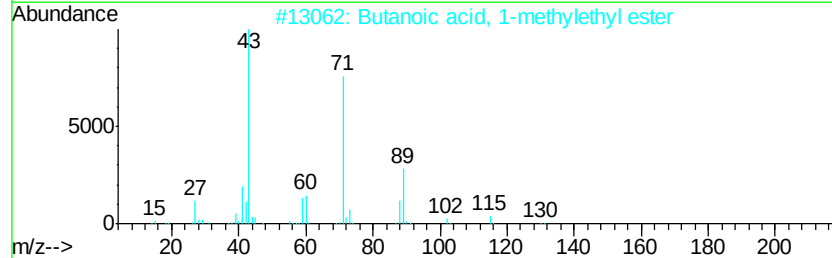
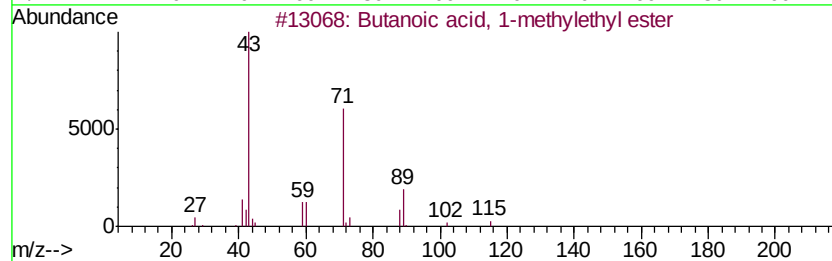
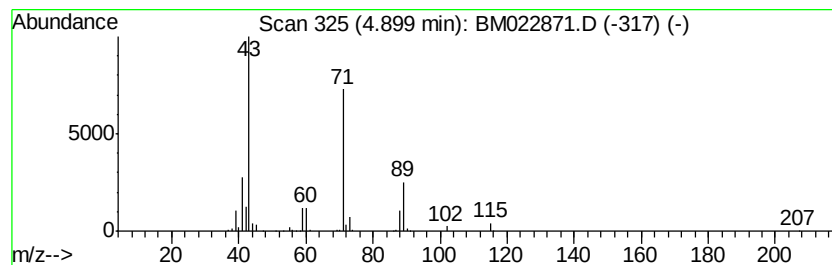
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	7.87 ng/ul	682010	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
5		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
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Misc :
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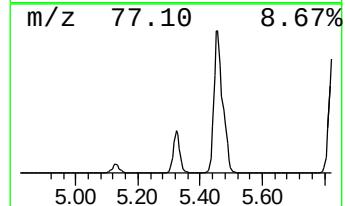
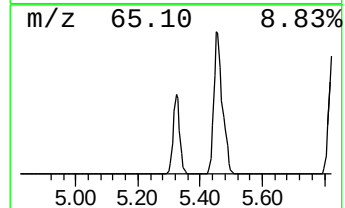
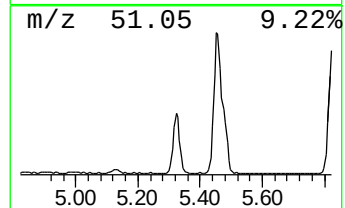
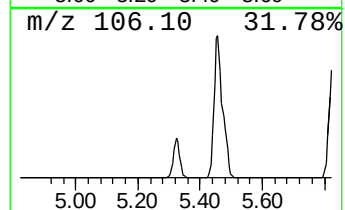
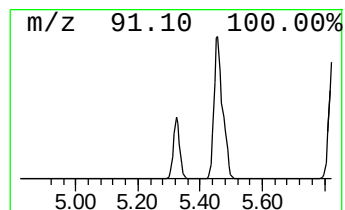
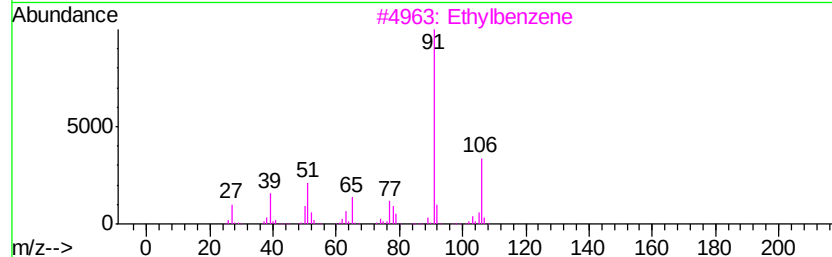
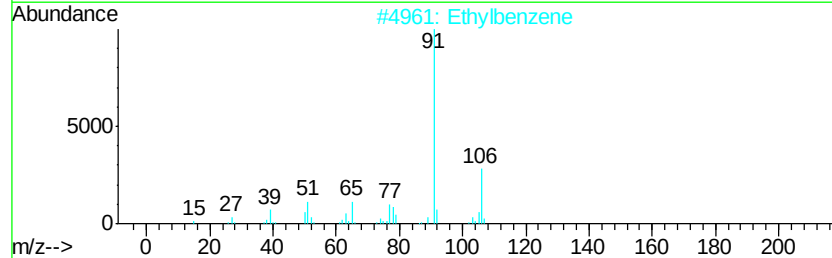
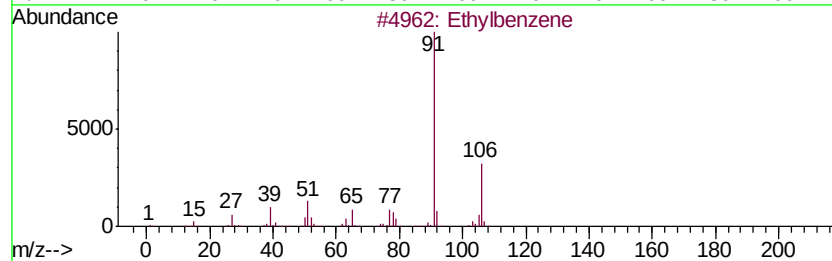
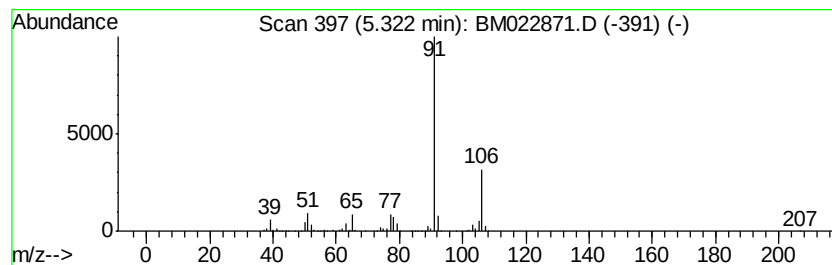
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Ethylbenzene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	10.33 ng/ul	895005	1,4-Dichlorobenzene-d4	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene		106	C8H10	000100-41-4	94
2	Ethylbenzene		106	C8H10	000100-41-4	91
3	Ethylbenzene		106	C8H10	000100-41-4	91
4	Ethylbenzene		106	C8H10	000100-41-4	90
5	p-Xylene		106	C8H10	000106-42-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
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Sample : K4983-10
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Instrument :
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ClientSampleId :
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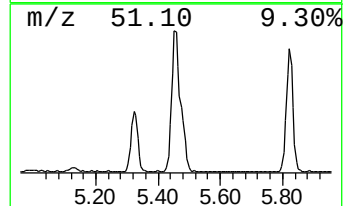
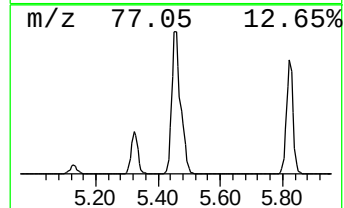
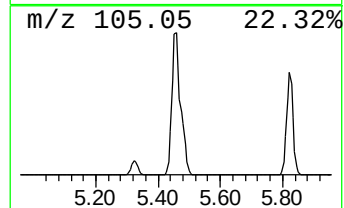
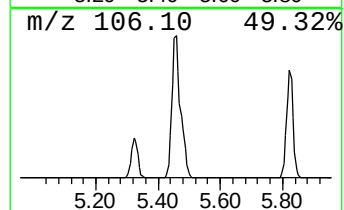
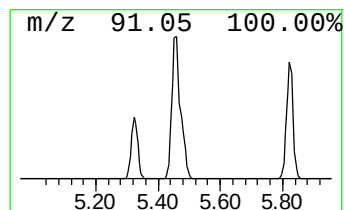
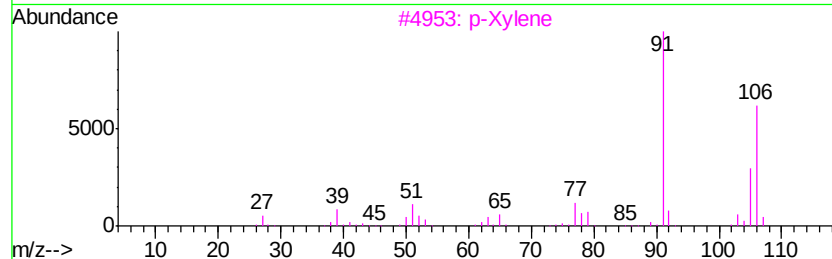
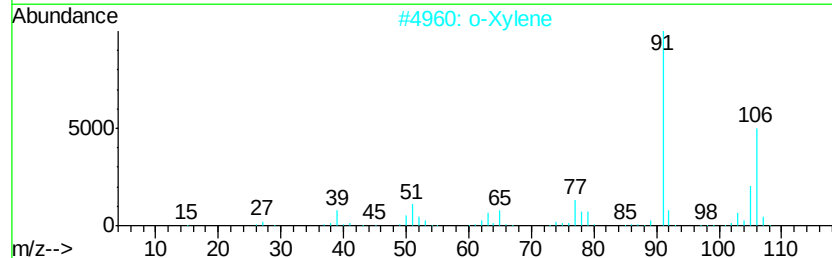
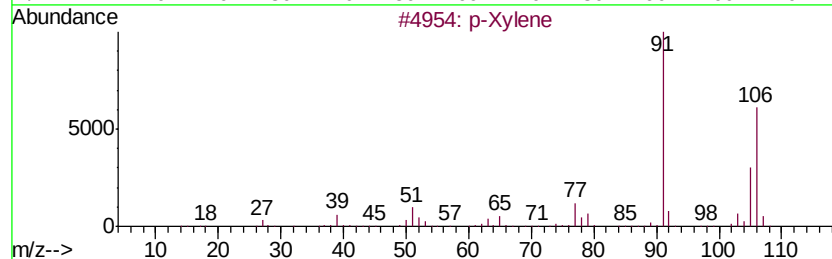
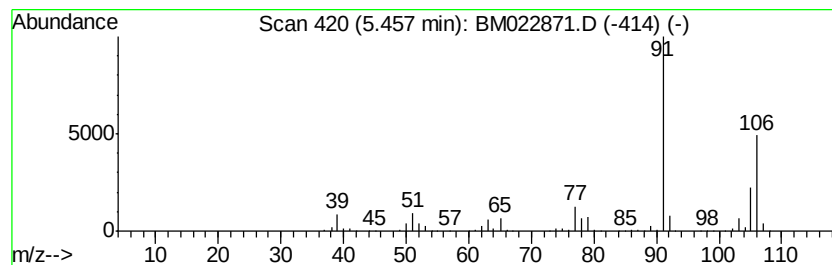
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 p-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	39.75 ng/ul	3442510	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Xylene	106	C8H10	000106-42-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5		p-Xylene	106	C8H10	000106-42-3	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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Acq On : 02 Oct 2019 01:56
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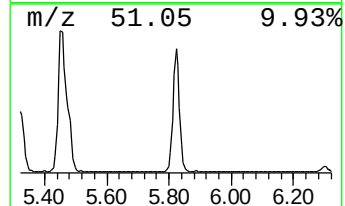
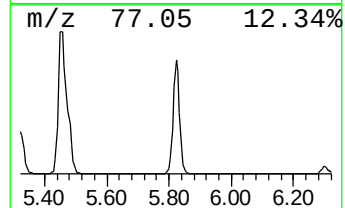
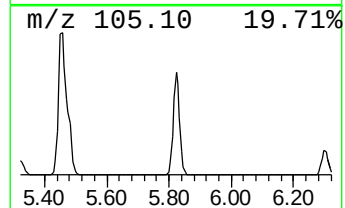
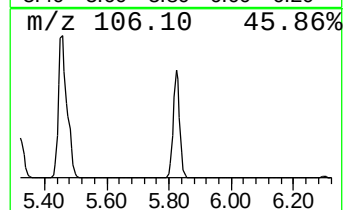
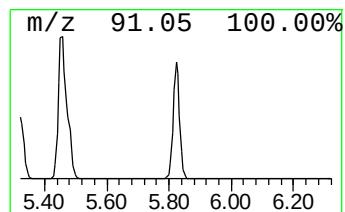
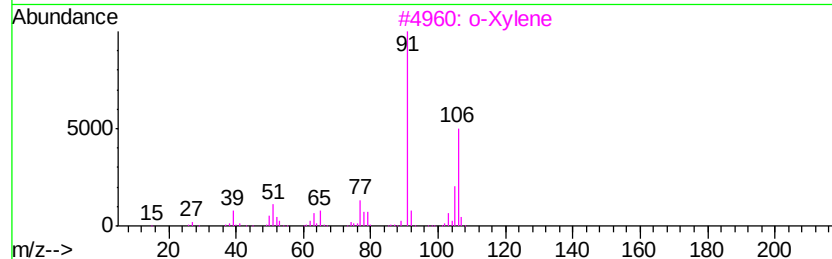
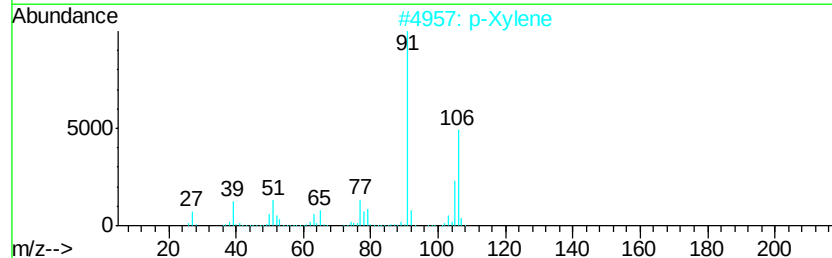
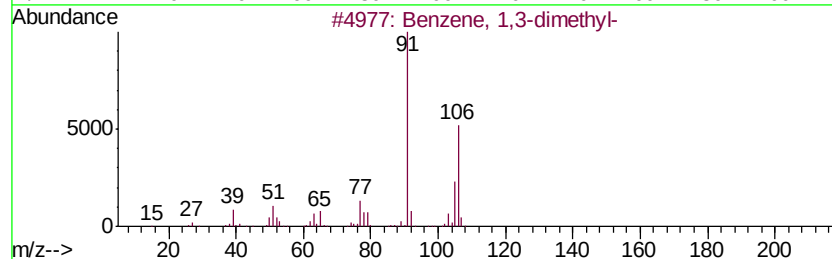
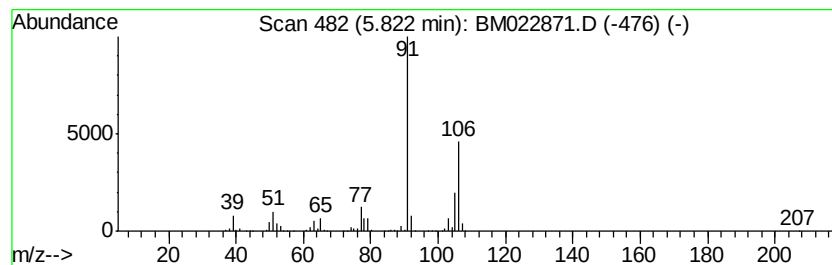
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	23.86 ng/ul	2066280	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		o-Xylene	106	C8H10	000095-47-6	97
4		p-Xylene	106	C8H10	000106-42-3	95
5		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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Acq On : 02 Oct 2019 01:56
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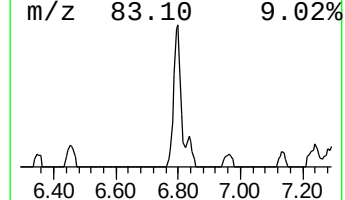
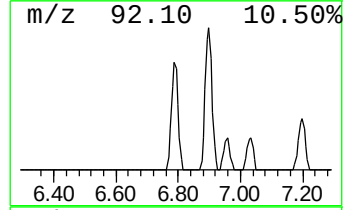
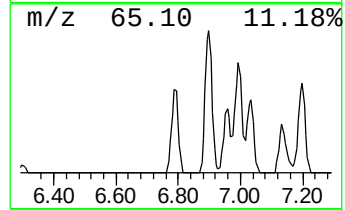
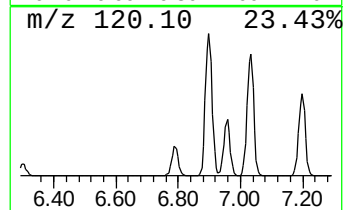
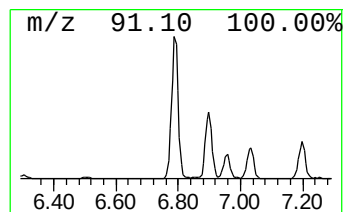
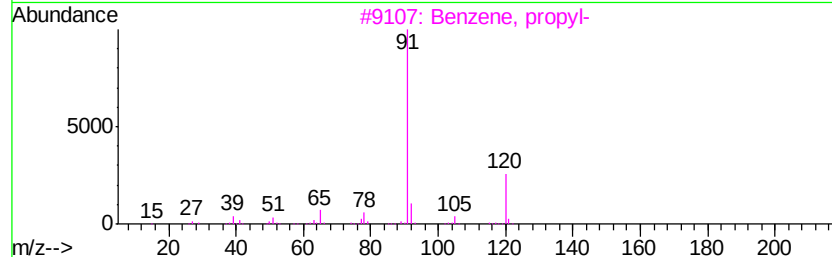
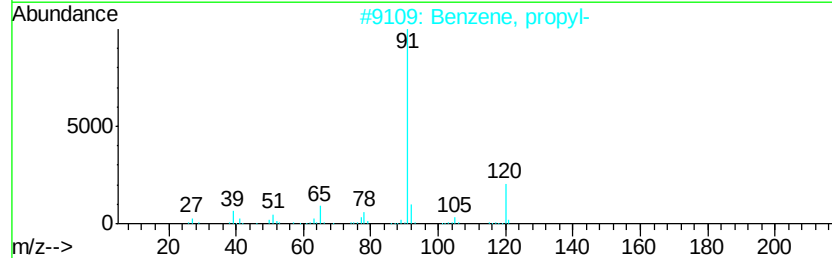
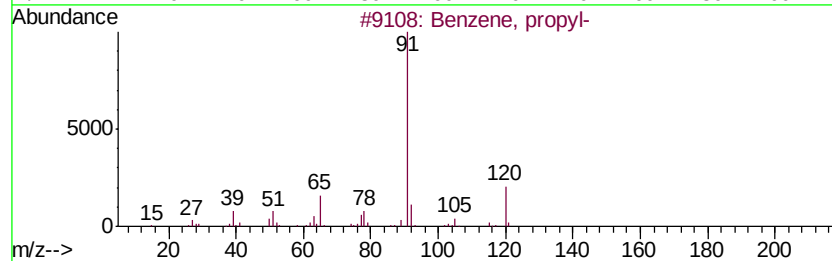
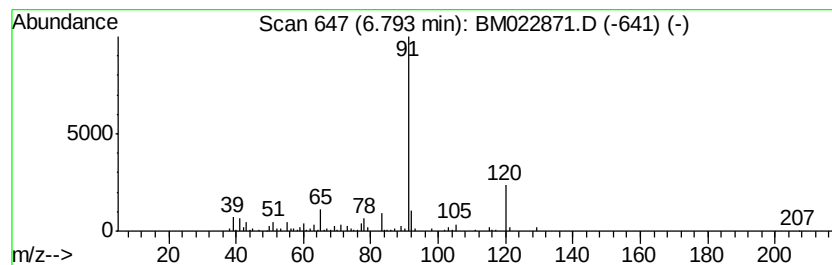
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	3.34 ng/ul	289126	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	93
2		Benzene, propyl-	120	C9H12	000103-65-1	76
3		Benzene, propyl-	120	C9H12	000103-65-1	76
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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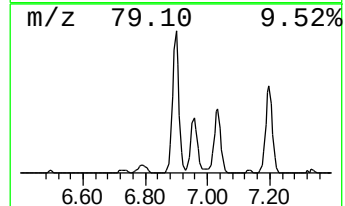
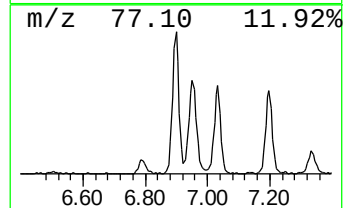
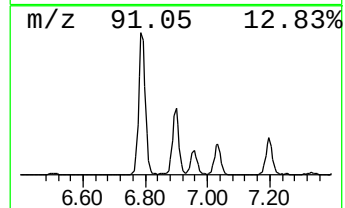
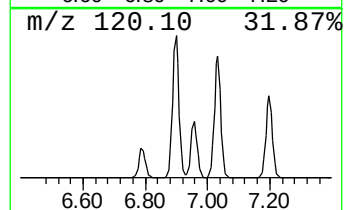
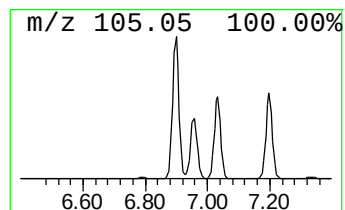
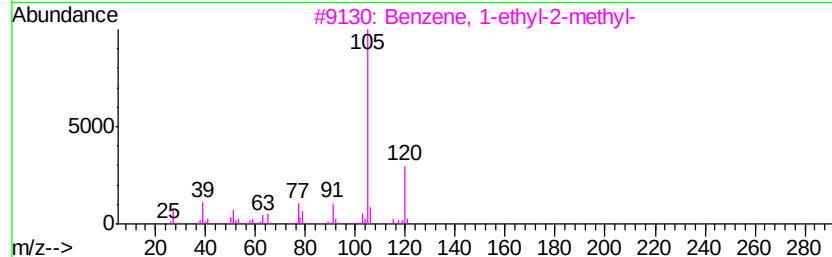
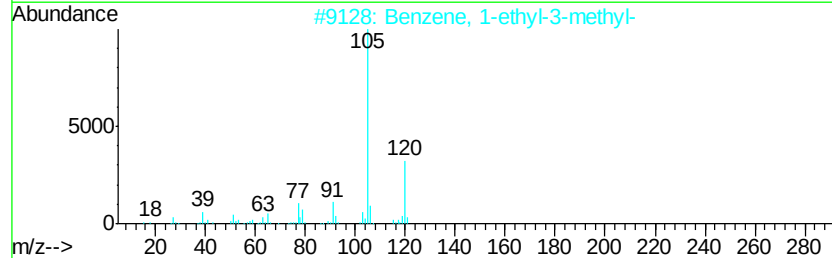
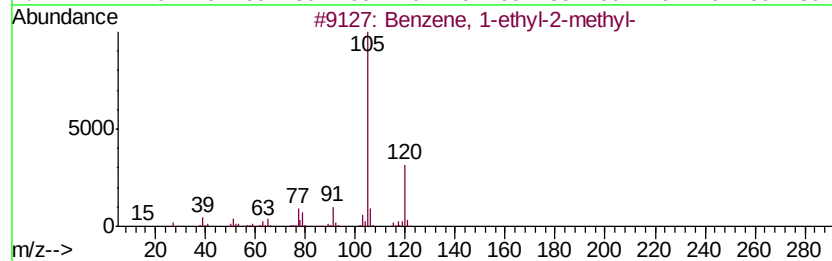
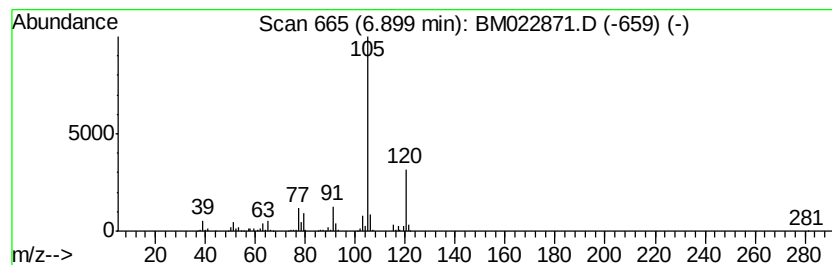
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	10.48 ng/ul	907637	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
Operator : JU
Sample : K4983-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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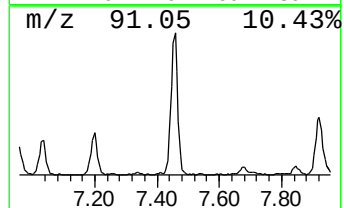
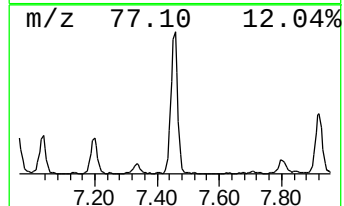
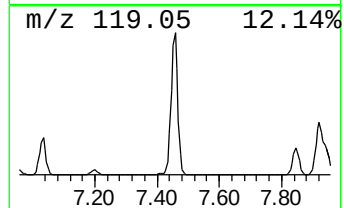
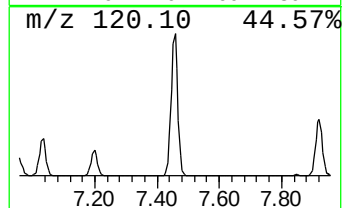
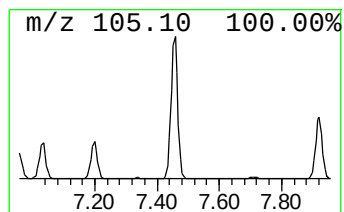
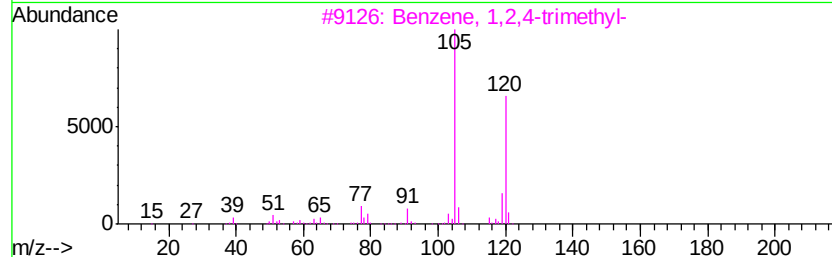
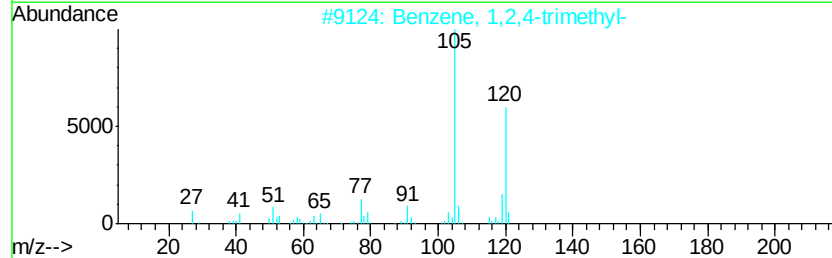
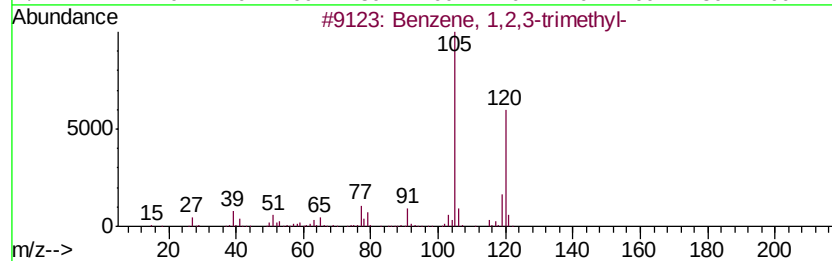
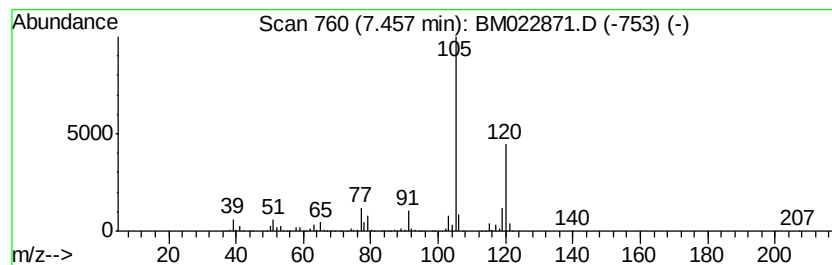
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	27.55 ng/ul	2385730	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



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Data File : BM022871.D
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Sample : K4983-10
Misc :
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ClientSampleId :
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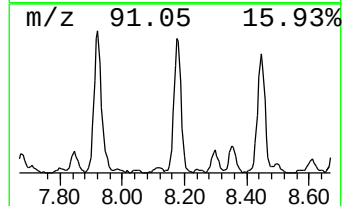
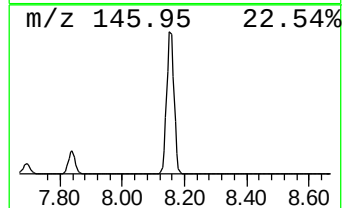
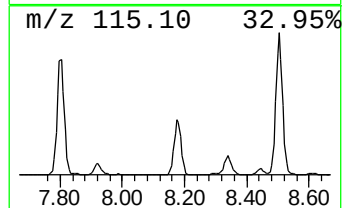
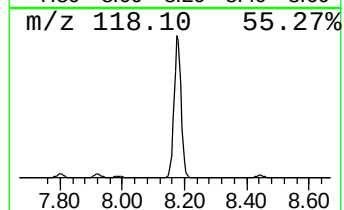
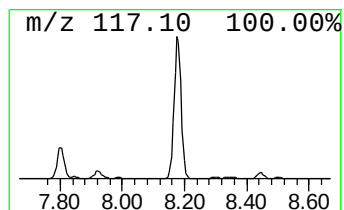
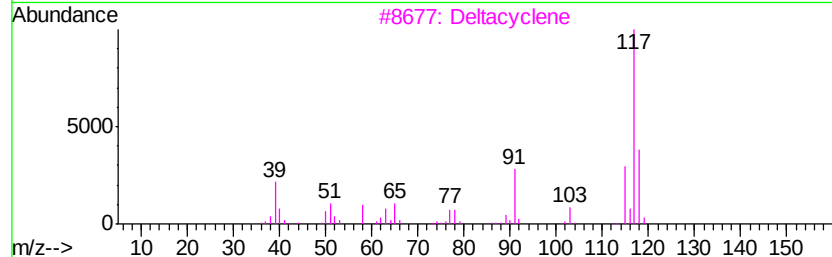
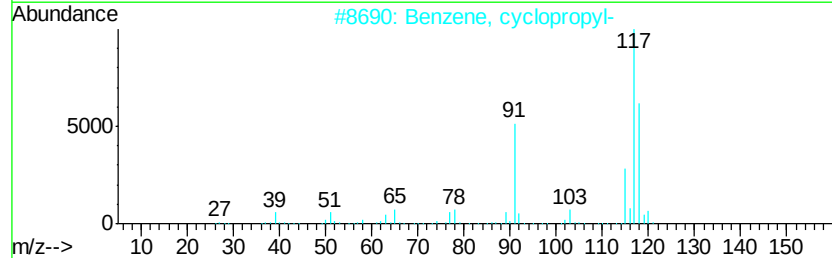
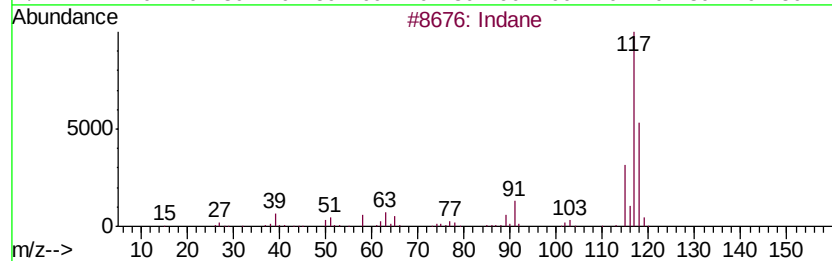
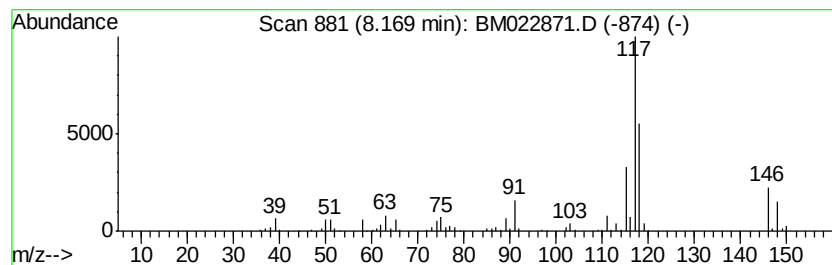
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	13.01 ng/ul	1126500	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-			118	C9H10	000873-49-4	72
3	Deltacyclene			118	C9H10	007785-10-6	72
4	Indane			118	C9H10	000496-11-7	60
5	Indane			118	C9H10	000496-11-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
Operator : JU
Sample : K4983-10
Misc :
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ClientSampleId :
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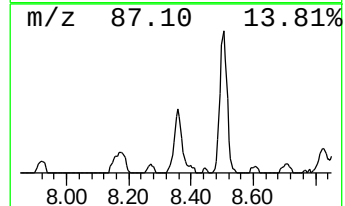
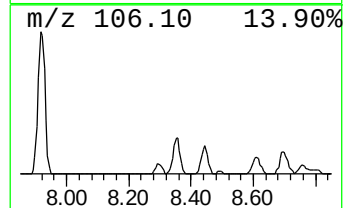
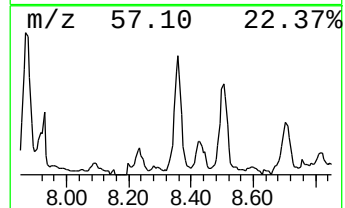
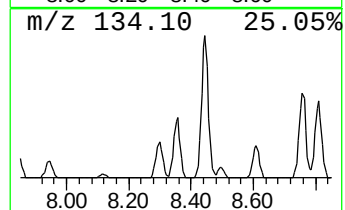
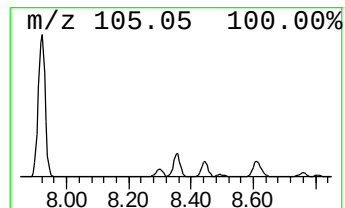
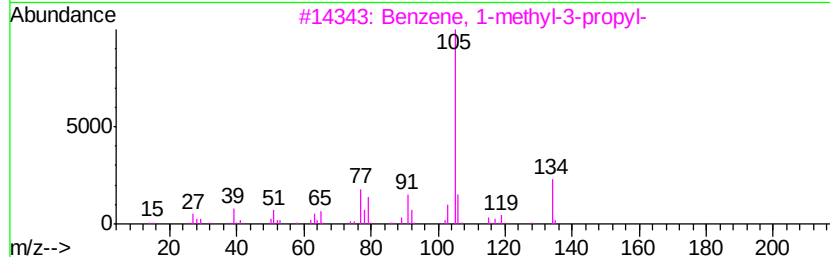
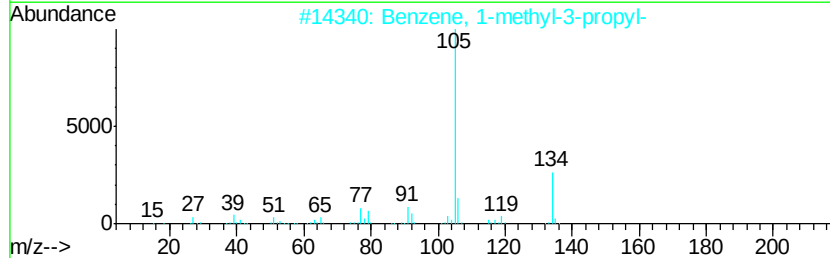
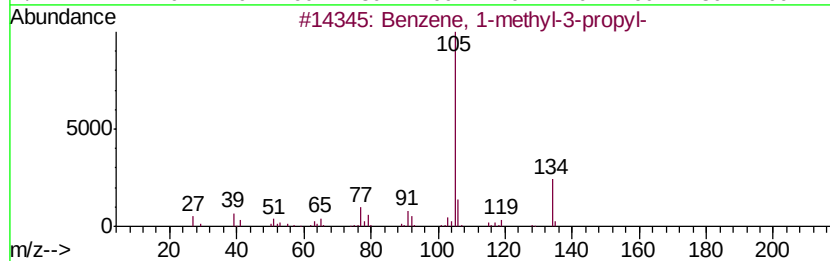
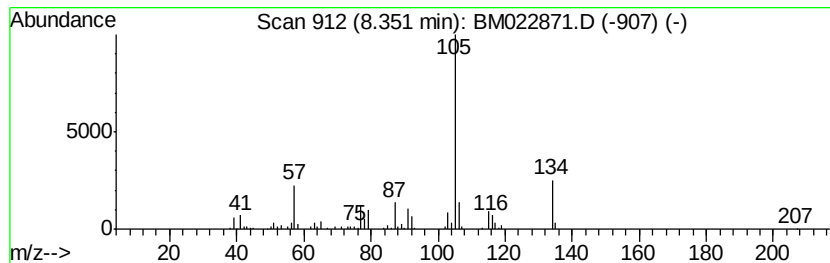
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.74 ng/ul	237664	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	89
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
5		2-Indanol	134	C9H10O	004254-29-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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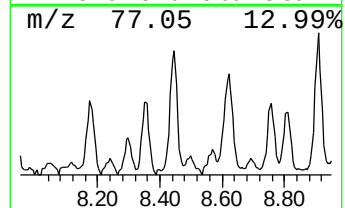
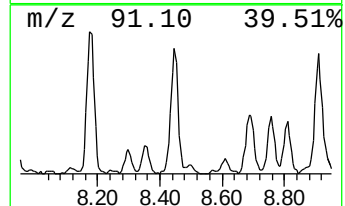
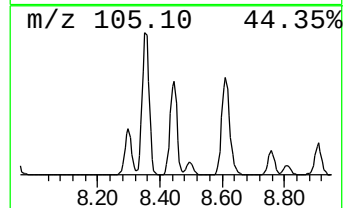
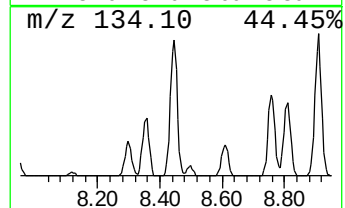
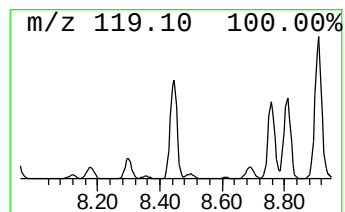
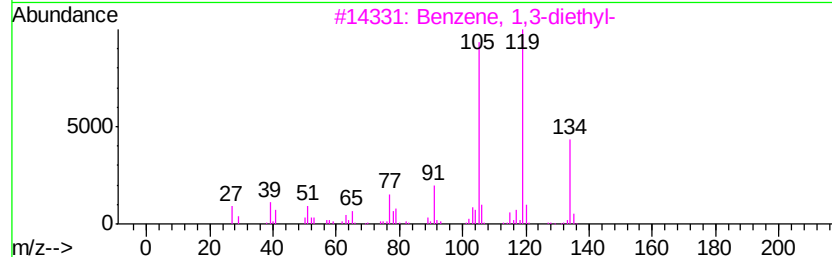
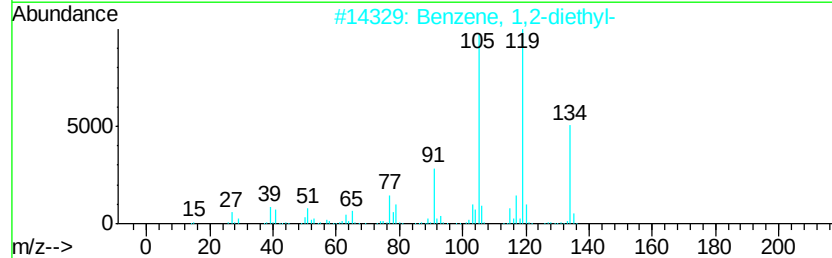
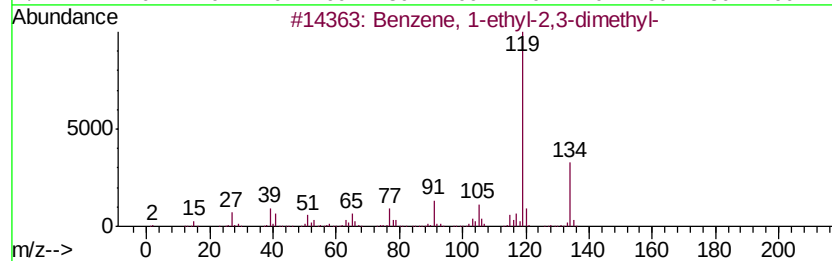
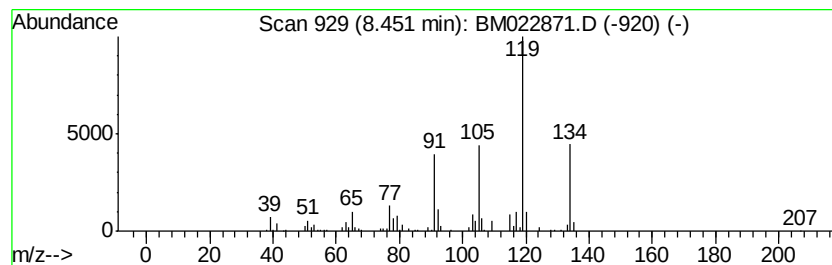
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	5.17 ng/ul	447765	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
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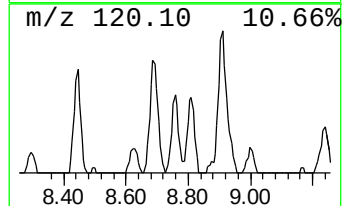
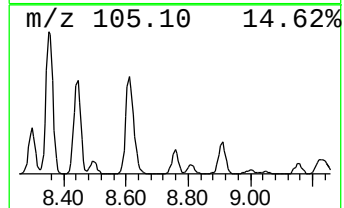
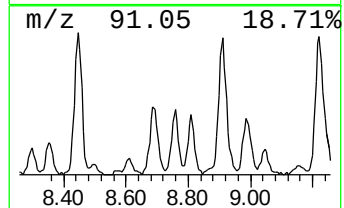
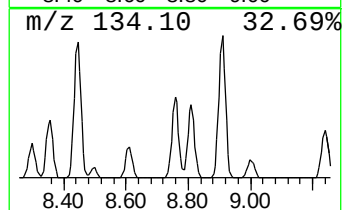
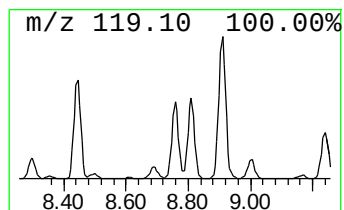
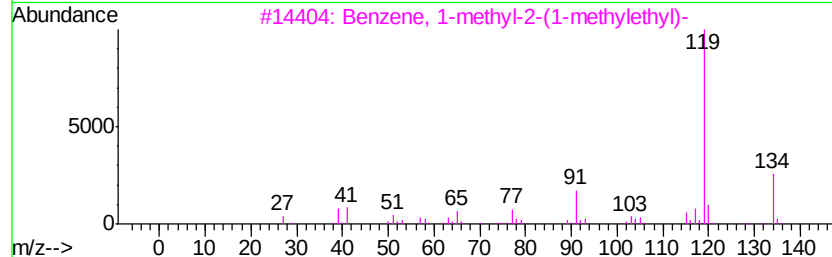
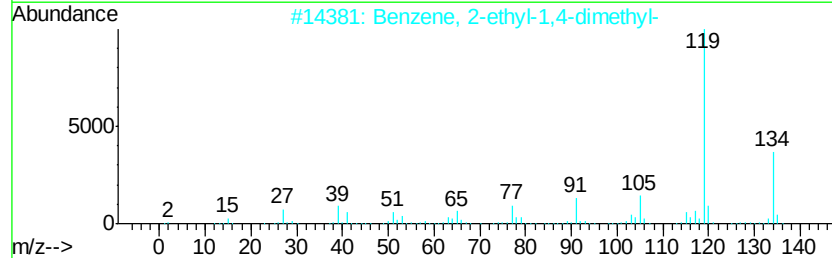
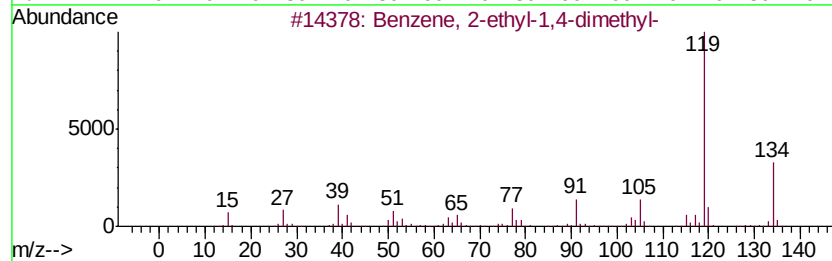
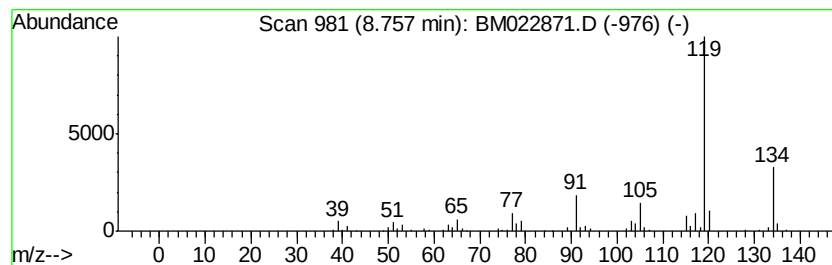
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	2.37 ng/ul	205445	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5			Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
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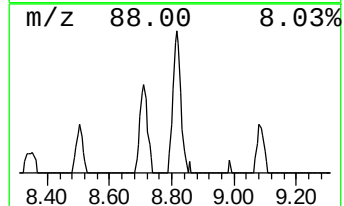
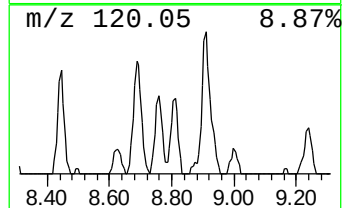
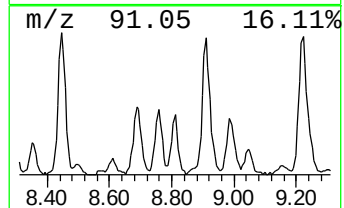
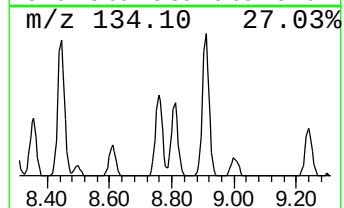
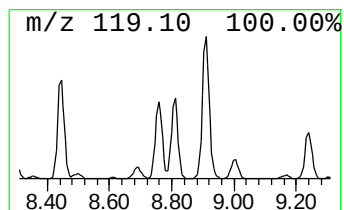
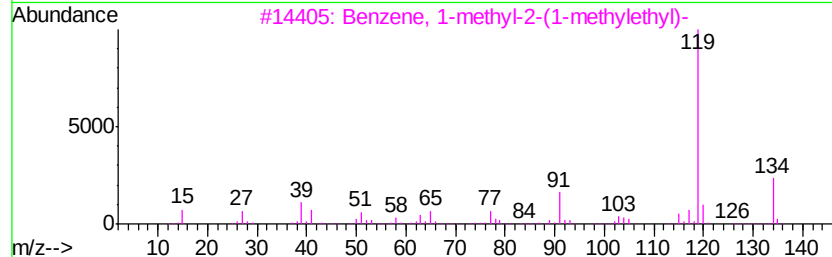
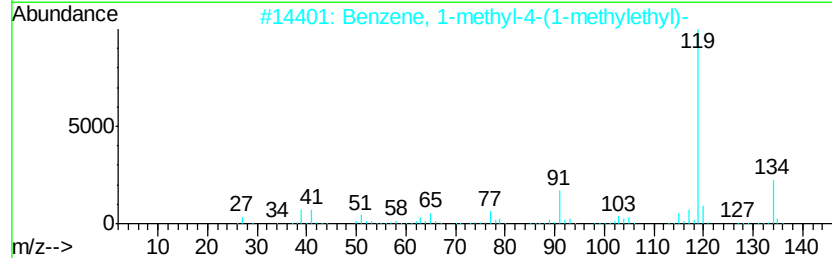
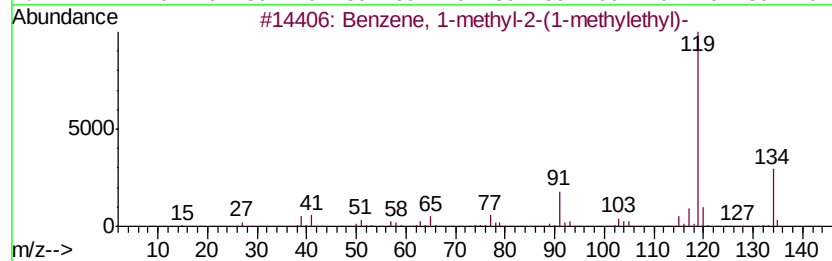
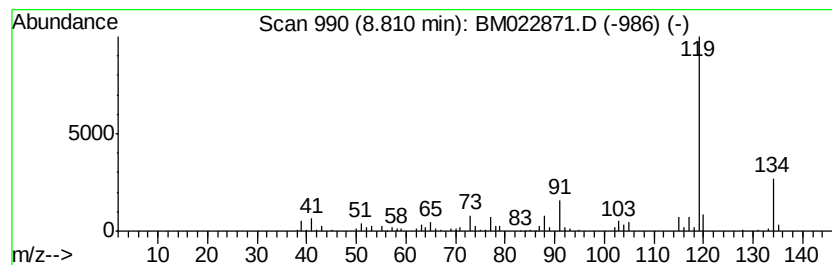
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzene, 1-methyl-2-(1-meth... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	2.42 ng/ul	209714	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95



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Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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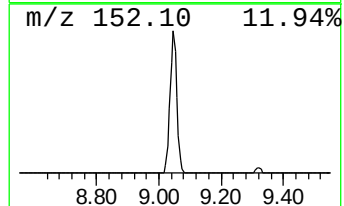
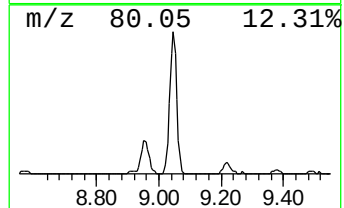
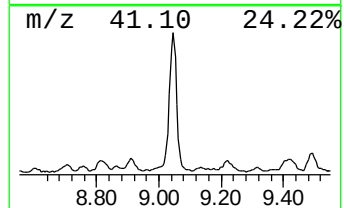
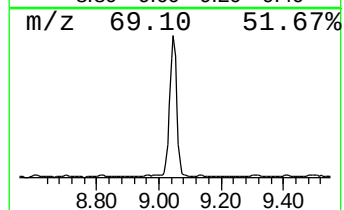
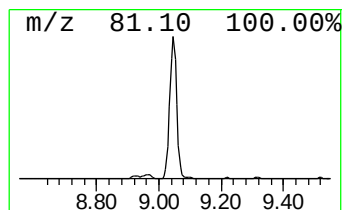
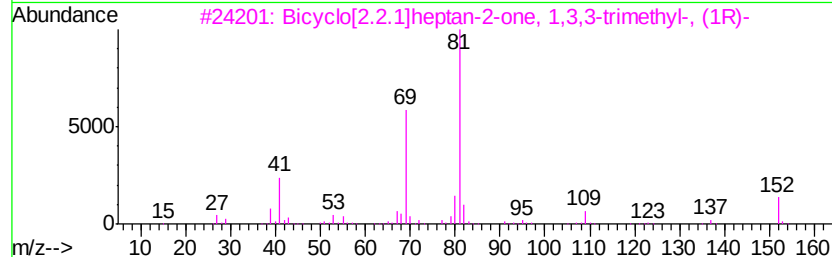
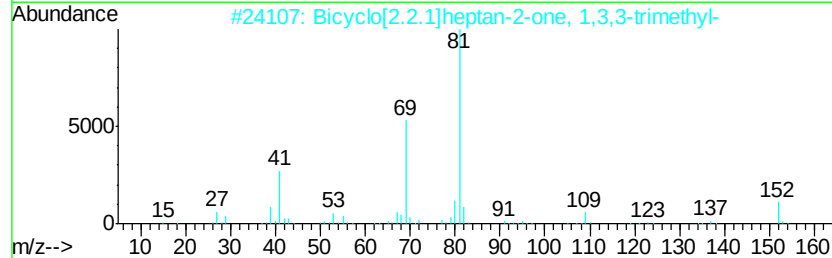
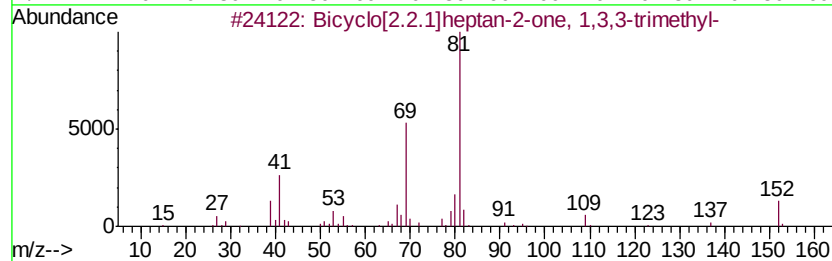
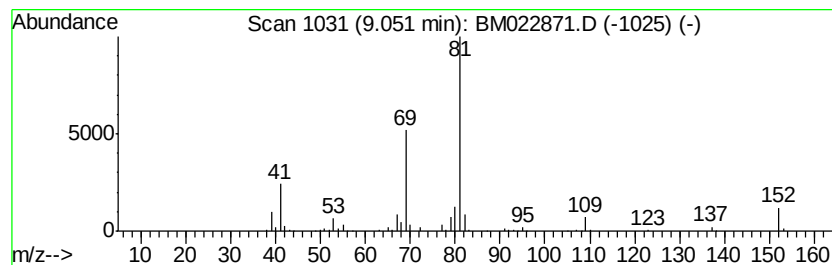
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	9.35 ng/ul	809393	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	95
3			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	007787-20-4	94
4			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	94
5			L-Fenchone	152	C10H16O	000126-21-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
Operator : JU
Sample : K4983-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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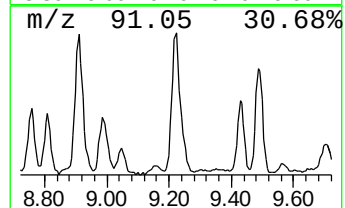
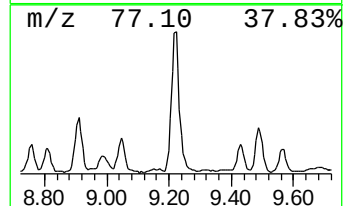
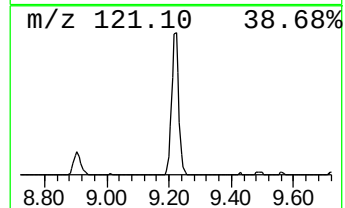
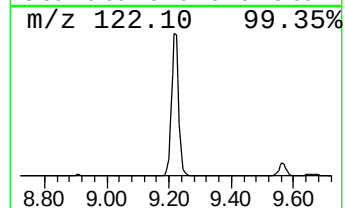
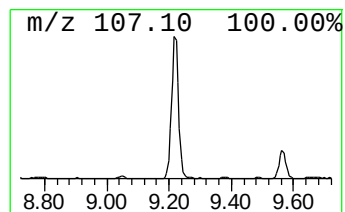
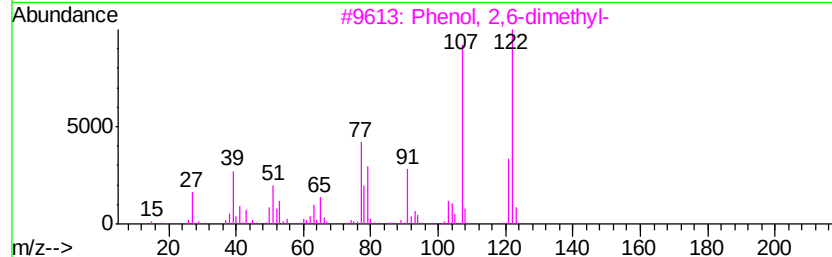
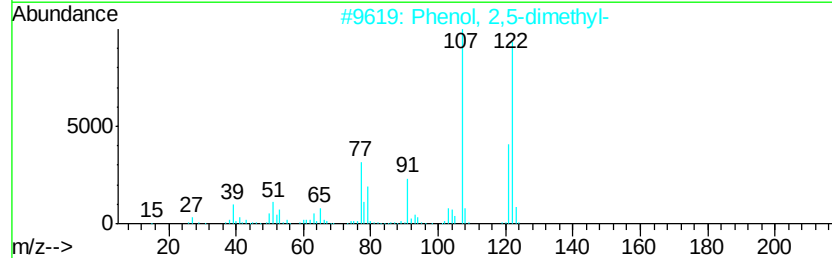
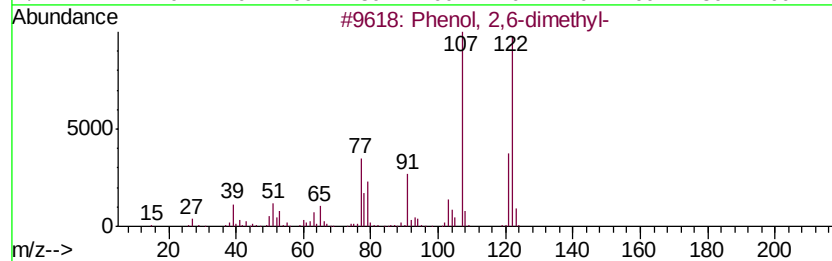
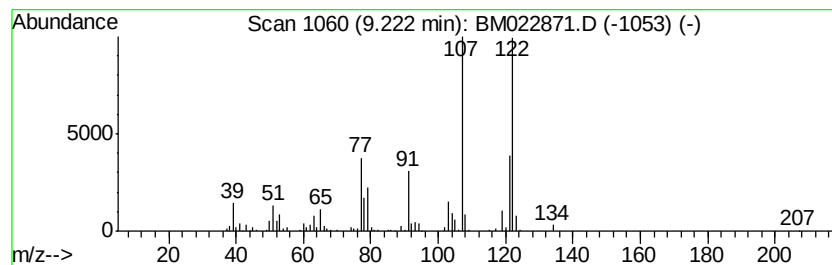
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Phenol, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	5.01 ng/ul	679825	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2		Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
3		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
4		Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
5		Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
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Misc :
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ClientSampleId :
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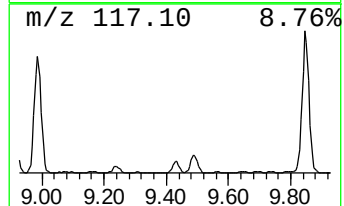
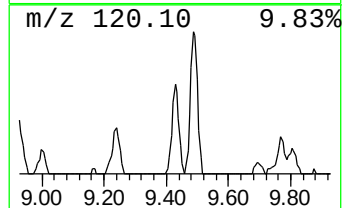
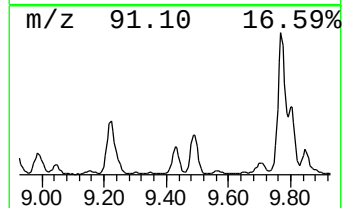
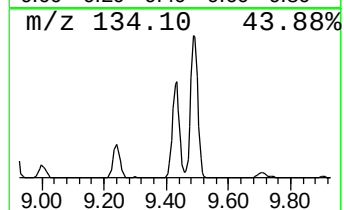
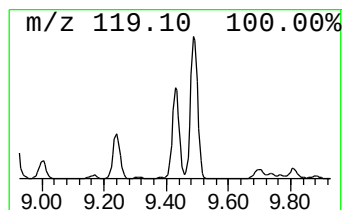
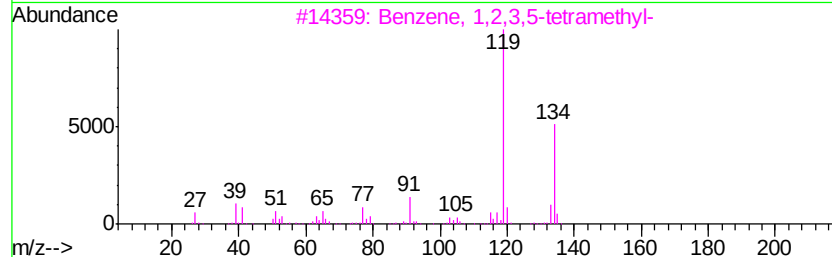
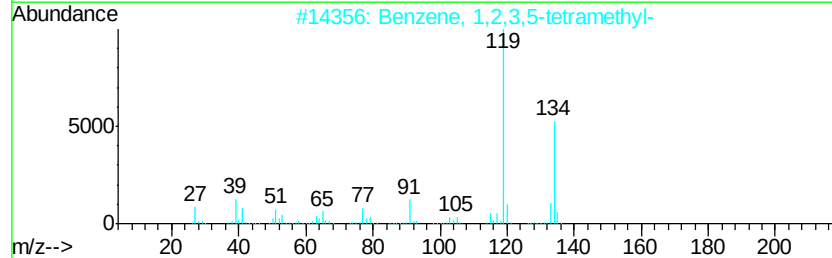
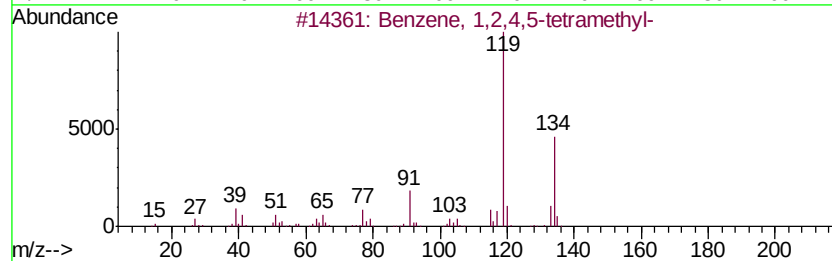
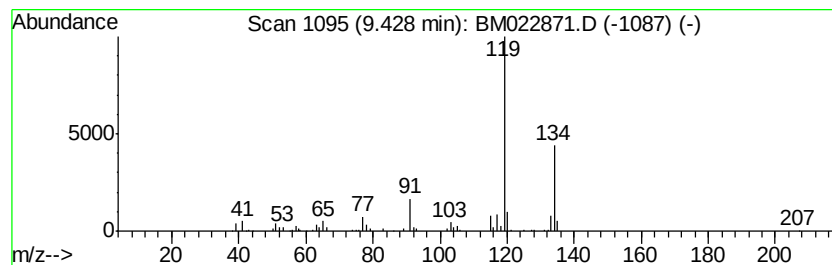
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.42 ng/ul	328656	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
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Misc :
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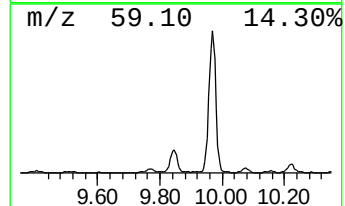
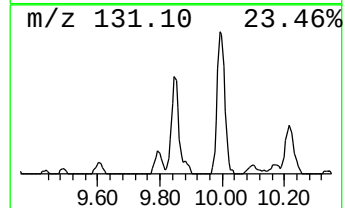
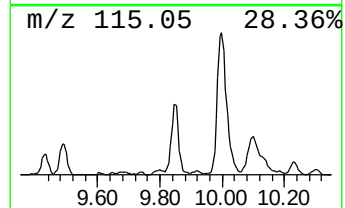
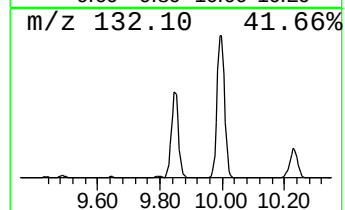
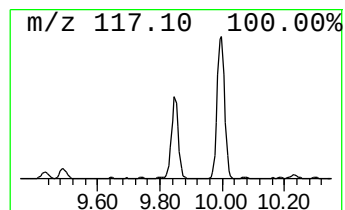
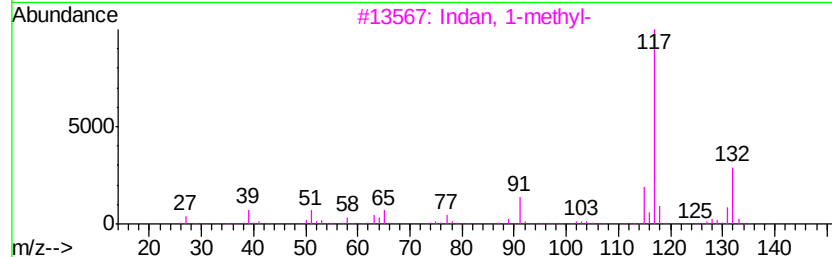
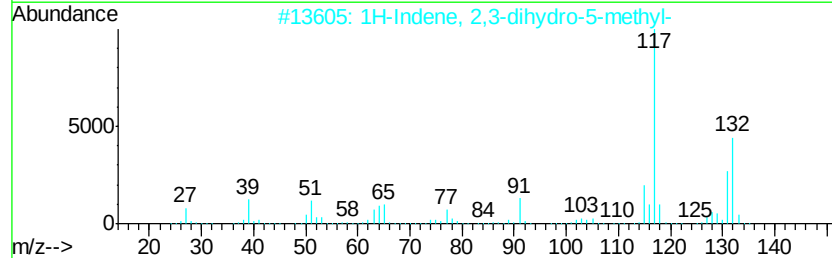
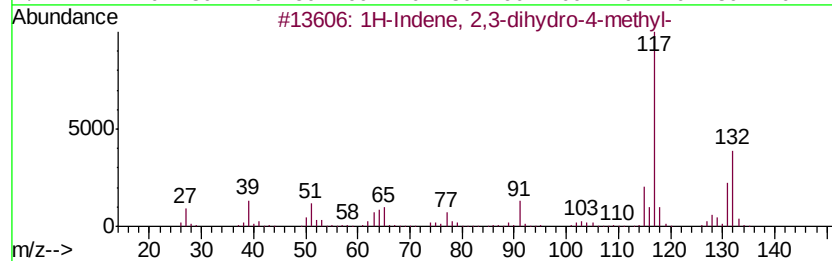
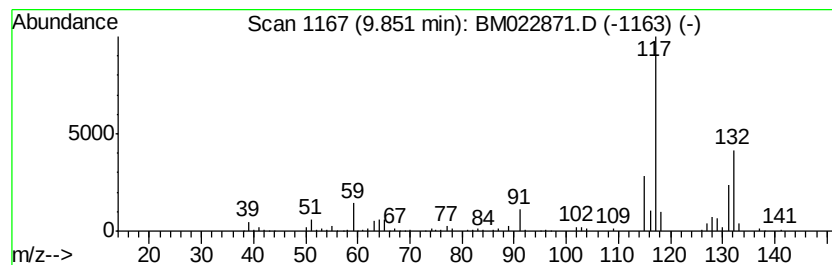
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.88 ng/ul	391311	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		Indan, 1-methyl-	132	C10H12	000767-58-8	87
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	83
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



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Data File : BM022871.D
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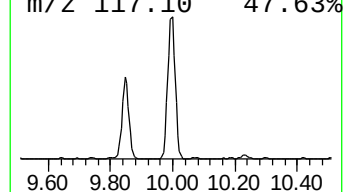
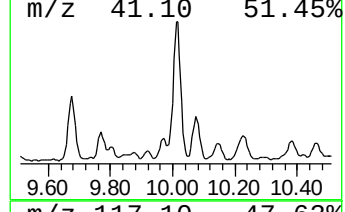
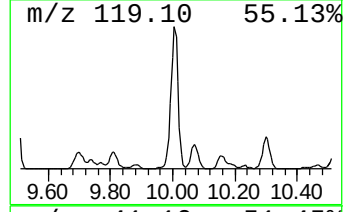
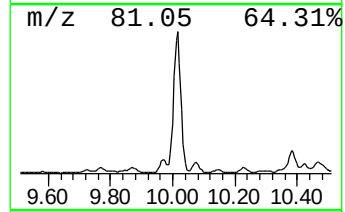
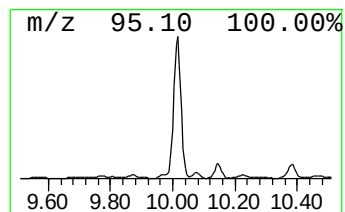
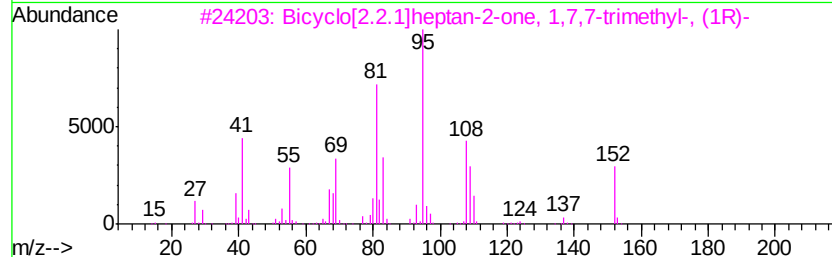
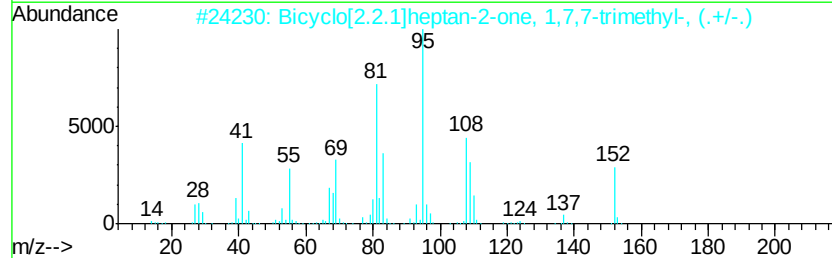
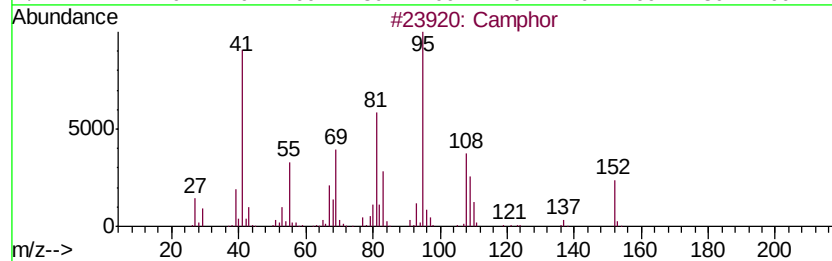
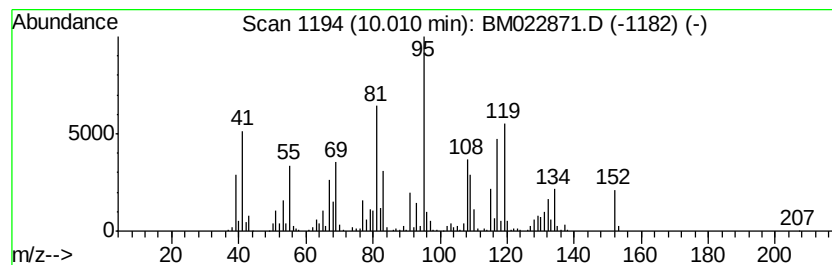
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Camphor Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	15.89 ng/ul	2155830	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphor	152	C10H16O	000076-22-2	96
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	95
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	95
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	95
5		Camphor	152	C10H16O	000076-22-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
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ClientSampleId :
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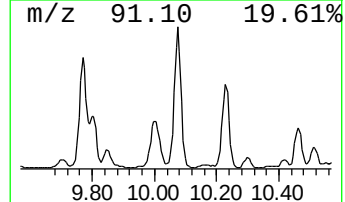
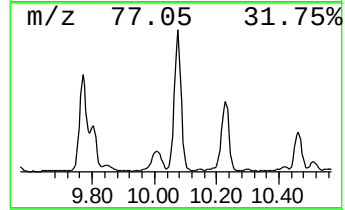
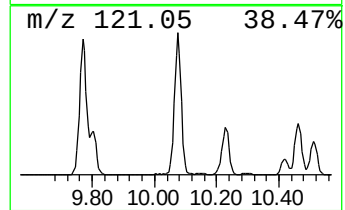
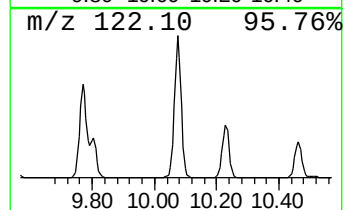
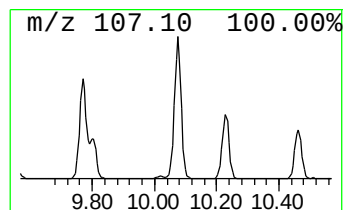
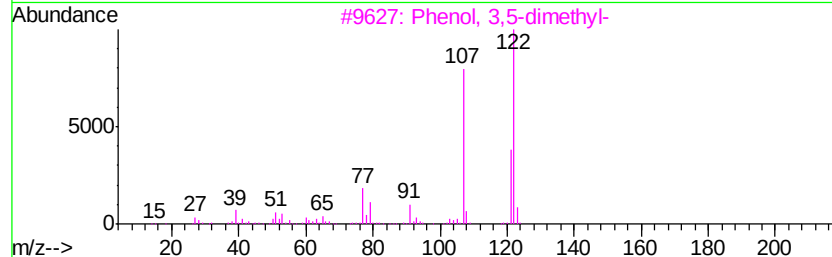
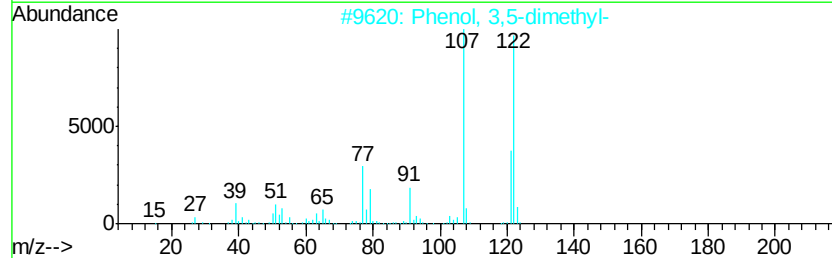
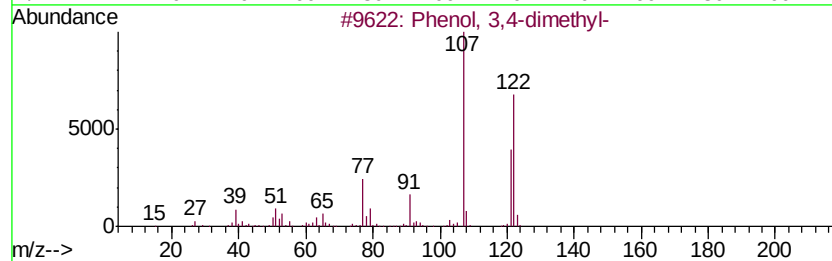
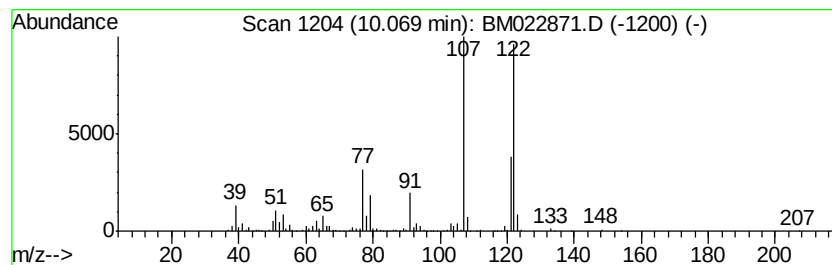
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenol, 3,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	17.54 ng/ul	2379080	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	97
2		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
3		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
4		Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
5		Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
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ClientSampleId :
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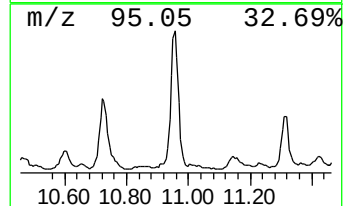
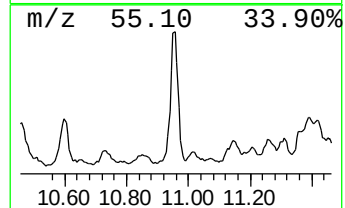
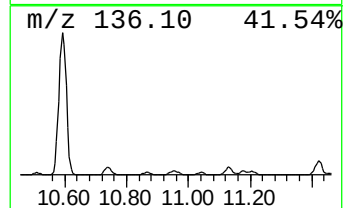
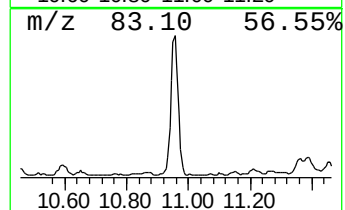
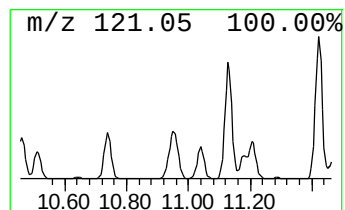
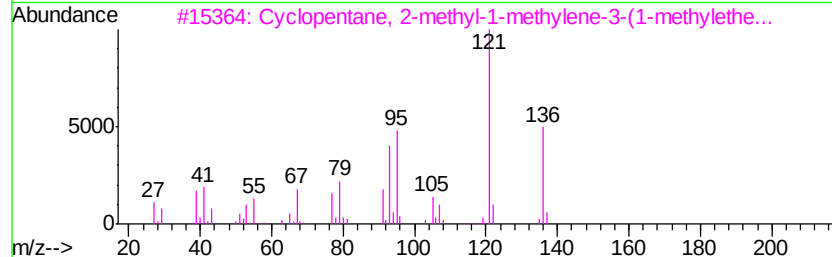
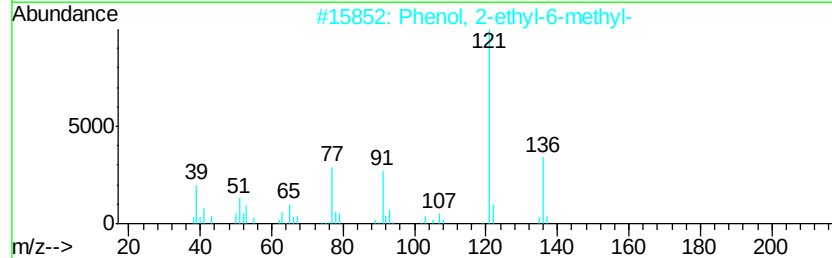
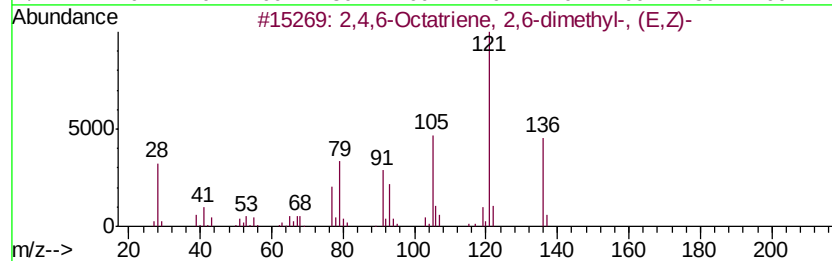
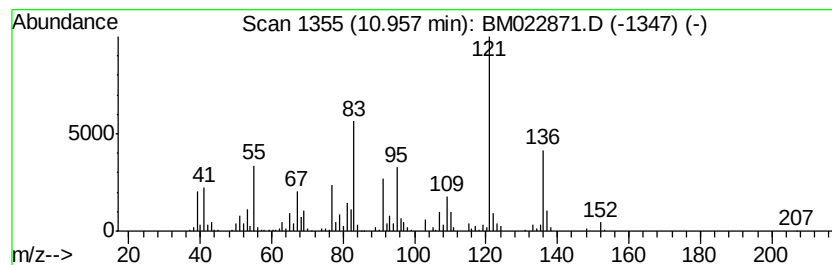
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 2,4,6-Octatriene, 2,6-dimet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	4.65 ng/ul	630887	Napthalene-d8	10.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	007216-56-0	64
2			Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	60
3			Cyclopentane, 2-methyl-1-methyle...	136	C10H16	056710-83-9	58
4			Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	58
5			Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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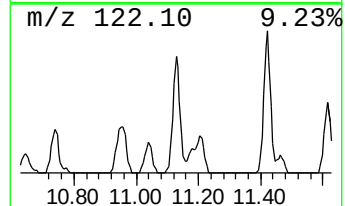
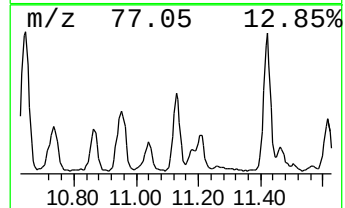
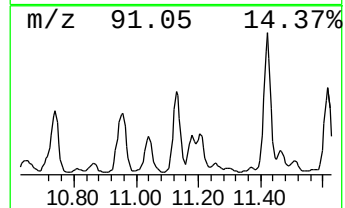
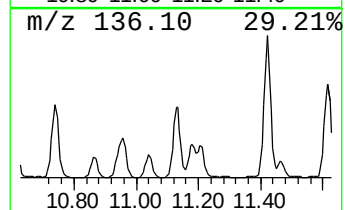
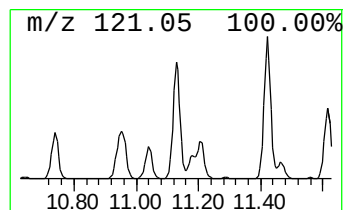
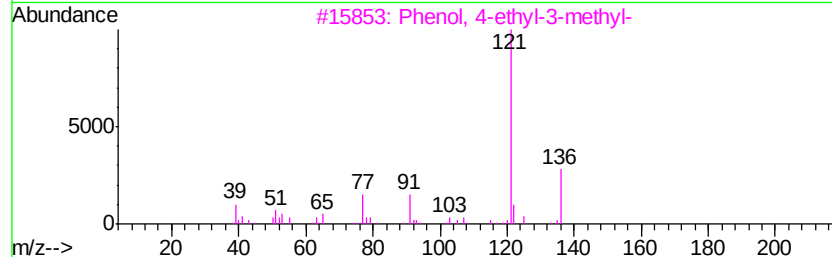
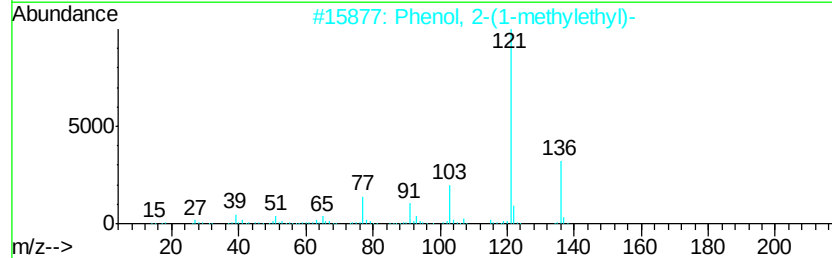
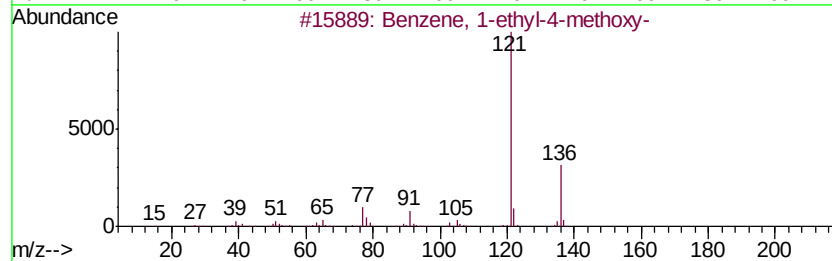
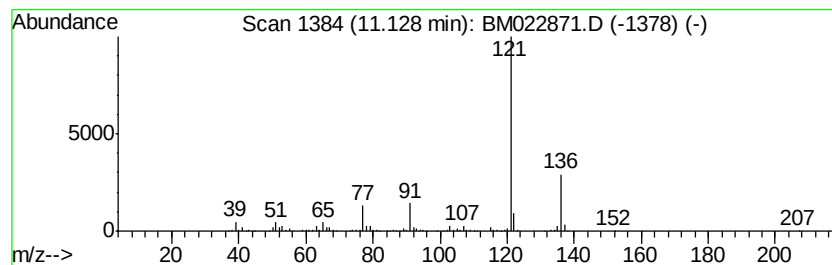
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Benzene, 1-ethyl-4-methoxy- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	4.12 ng/ul	558875	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
2		Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
3		Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
4		Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90
5		Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
Operator : JU
Sample : K4983-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

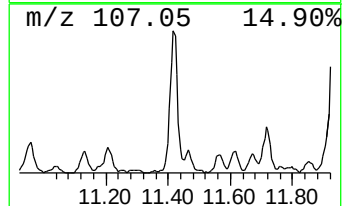
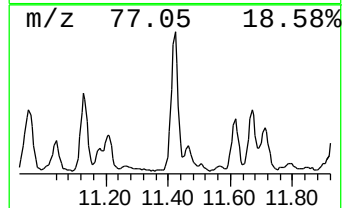
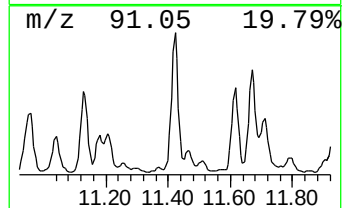
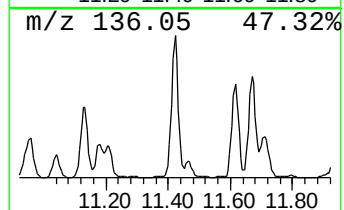
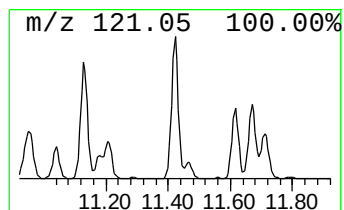
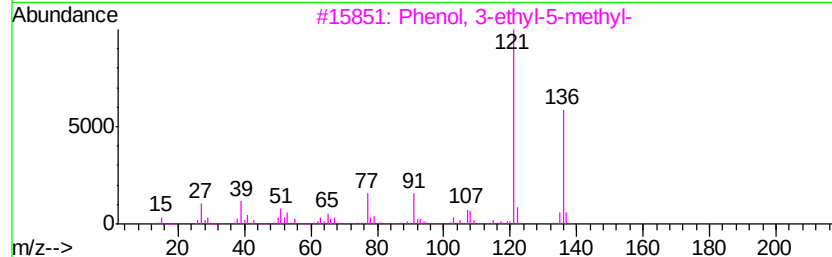
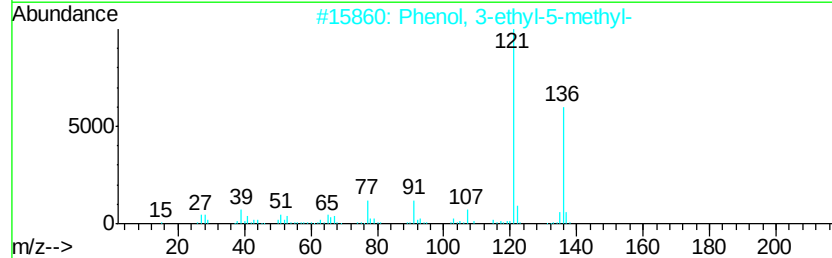
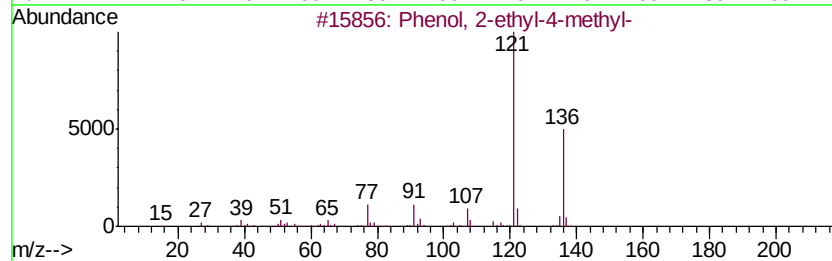
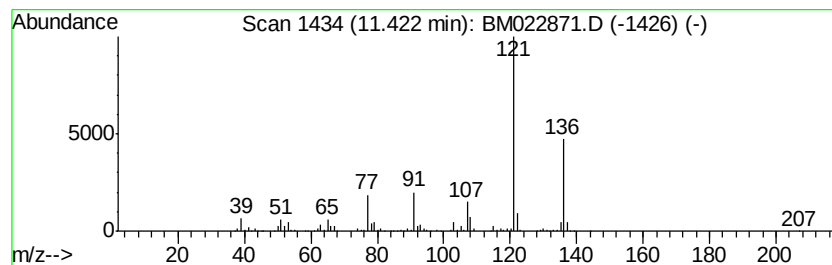
Instrument :
BNA_M
ClientSampleId :
BFDJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Phenol, 2-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	6.25 ng/ul	847838	Napthalene-d8	10.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2-ethyl-4-methyl-	136 C9H12O	003855-26-3	91
2	Phenol, 3-ethyl-5-methyl-	136 C9H12O	000698-71-5	91
3	Phenol, 3-ethyl-5-methyl-	136 C9H12O	000698-71-5	91
4	Phenol, 2-ethyl-6-methyl-	136 C9H12O	001687-64-5	91
5	Hydrazine, 1-(4-ethylphenyl)-	136 C8H12N2	054840-34-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022871.D
Acq On : 02 Oct 2019 01:56
Operator : JU
Sample : K4983-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDJ3

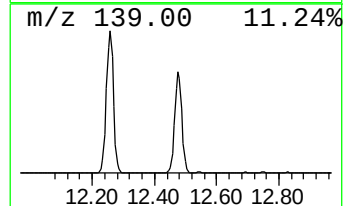
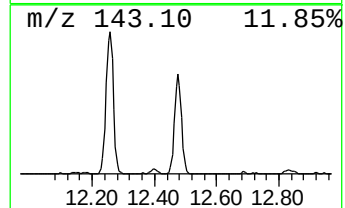
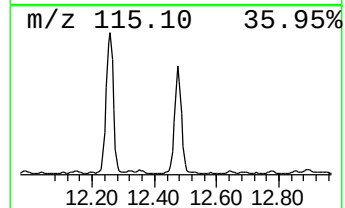
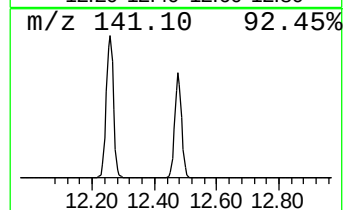
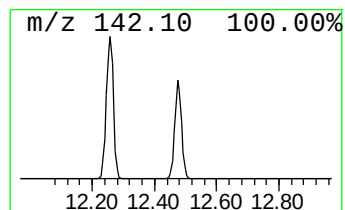
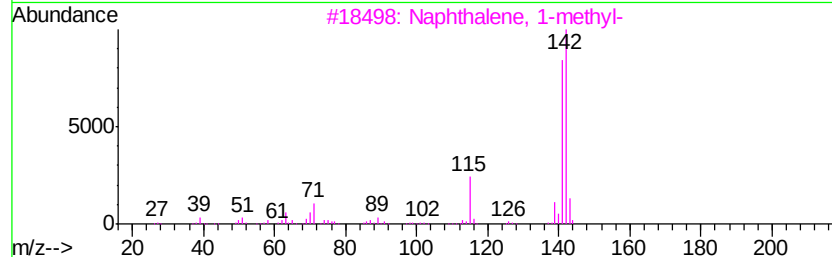
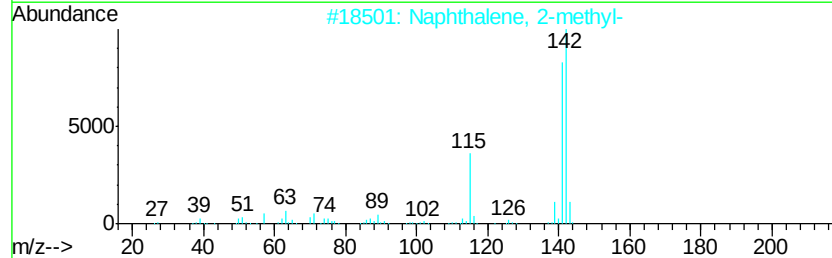
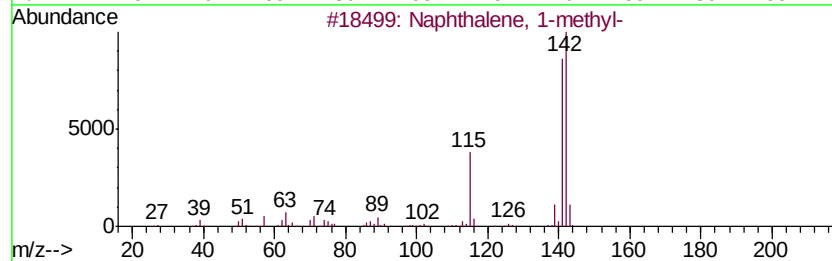
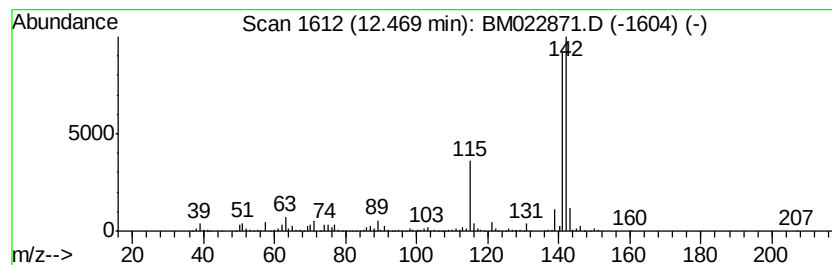
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Naphthalene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	8.23 ng/ul	1116450	Naphthalene-d8	10.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022871.D
 Acq On : 02 Oct 2019 01:56
 Operator : JU
 Sample : K4983-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Propanoic acid, 1...	3.73	2.2	ng/ul	188538	1	7.80	1732120	20.0
Toluene	4.00	3.5	ng/ul	300574	1	7.80	1732120	20.0
Propanoic acid, 2...	4.27	4.8	ng/ul	417926	1	7.80	1732120	20.0
Propanoic acid, p...	4.45	6.8	ng/ul	587485	1	7.80	1732120	20.0
Butanoic acid, 1-...	4.90	7.9	ng/ul	682010	1	7.80	1732120	20.0
Ethylbenzene	5.32	10.3	ng/ul	895005	1	7.80	1732120	20.0
p-Xylene	5.46	39.8	ng/ul	3442510	1	7.80	1732120	20.0
Benzene, 1,3-dime...	5.82	23.9	ng/ul	2066280	1	7.80	1732120	20.0
Benzene, propyl-	6.79	3.3	ng/ul	289126	1	7.80	1732120	20.0
Benzene, 1-ethyl-...	6.90	10.5	ng/ul	907637	1	7.80	1732120	20.0
Benzene, 1,2,3-tr...	7.46	27.6	ng/ul	2385730	1	7.80	1732120	20.0
Indane	8.17	13.0	ng/ul	1126500	1	7.80	1732120	20.0
Benzene, 1-methyl...	8.35	2.7	ng/ul	237664	1	7.80	1732120	20.0
Benzene, 1-ethyl-...	8.45	5.2	ng/ul	447765	1	7.80	1732120	20.0
Benzene, 2-ethyl-...	8.76	2.4	ng/ul	205445	1	7.80	1732120	20.0
Benzene, 1-methyl...	8.81	2.4	ng/ul	209714	1	7.80	1732120	20.0
Bicyclo[2.2.1]hep...	9.05	9.3	ng/ul	809393	1	7.80	1732120	20.0
Phenol, 2,6-dimet...	9.22	5.0	ng/ul	679825	2	10.59	2713320	20.0
Benzene, 1,2,4,5-...	9.43	2.4	ng/ul	328656	2	10.59	2713320	20.0
1H-Indene, 2,3-di...	9.85	2.9	ng/ul	391311	2	10.59	2713320	20.0
Camphor	10.01	15.9	ng/ul	2155830	2	10.59	2713320	20.0
Phenol, 3,4-dimet...	10.07	17.5	ng/ul	2379080	2	10.59	2713320	20.0
2,4,6-Octatriene,...	10.96	4.7	ng/ul	630887	2	10.59	2713320	20.0
Benzene, 1-ethyl-...	11.13	4.1	ng/ul	558875	2	10.59	2713320	20.0
Phenol, 2-ethyl-4...	11.42	6.3	ng/ul	847838	2	10.59	2713320	20.0
Naphthalene, 1-me...	12.47	8.2	ng/ul	1116450	2	10.59	2713320	20.0