

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022874.D
 Acq On : 02 Oct 2019 03:45
 Operator : JU
 Sample : K4932-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDG8

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	3.304	51	54	70	rVB	314689	450733	4.39%	0.270%
2	3.610	102	106	113	rVV	345325	439515	4.28%	0.263%
3	3.734	123	127	131	rVV	196845	255252	2.48%	0.153%
4	4.004	167	173	186	rVV	3403187	4947535	48.16%	2.965%
5	4.269	213	218	224	rVV	473375	620688	6.04%	0.372%
6	4.898	318	325	334	rBV	629542	901378	8.77%	0.540%
7	5.322	391	397	405	rVV	1089594	1581407	15.39%	0.948%
8	5.457	414	420	429	rVV	3181100	6204105	60.39%	3.718%
9	5.822	476	482	494	rVB	2632691	4012072	39.05%	2.404%
10	6.298	559	563	573	rVB	131728	237190	2.31%	0.142%
11	6.687	616	629	639	rVB2	136179	293733	2.86%	0.176%
12	6.792	639	647	653	rBV	297549	562204	5.47%	0.337%
13	6.898	659	665	670	rVV	1390309	1990884	19.38%	1.193%
14	6.963	670	676	683	rVV3	906741	1762460	17.16%	1.056%
15	7.034	683	688	697	rVB	1085322	1643312	16.00%	0.985%
16	7.134	699	705	711	rBV	965046	1524700	14.84%	0.914%
17	7.198	711	716	721	rVB	752678	1086832	10.58%	0.651%
18	7.263	722	727	733	rBV	456816	638967	6.22%	0.383%
19	7.334	733	739	749	rVB	1120309	1792856	17.45%	1.074%
20	7.457	751	760	768	rVB	3608392	5704937	55.53%	3.418%
21	7.804	811	819	823	rBV	1252922	2081248	20.26%	1.247%
22	7.869	827	830	834	rVV	471244	669526	6.52%	0.401%
23	7.922	834	839	855	rVB	1680372	2933195	28.55%	1.758%
24	8.092	862	868	874	rBV2	271616	488561	4.76%	0.293%
25	8.175	874	882	888	rBV2	866595	1895014	18.45%	1.136%
26	8.234	888	892	897	rVB	203834	320658	3.12%	0.192%
27	8.298	897	903	907	rBV2	184505	297787	2.90%	0.178%
28	8.351	907	912	917	rBV	279716	466875	4.54%	0.280%
29	8.445	922	928	933	rVV	672631	1105226	10.76%	0.662%
30	8.504	933	938	946	rVV	957656	1598444	15.56%	0.958%
31	8.610	952	956	965	rVB2	194219	411540	4.01%	0.247%
32	8.757	975	981	985	rBV	339246	518306	5.05%	0.311%
33	8.810	985	990	996	rVB	382272	609215	5.93%	0.365%
34	8.910	997	1007	1011	rBV2	792311	1509622	14.69%	0.905%

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35	8.957	1011	1015	1018	rVV	1153073	1869133	18.19%	1.120%
36	8.986	1018	1020	1025	rVV2	514801	750109	7.30%	0.449%
37	9.045	1025	1030	1035	rVV2	559755	915897	8.92%	0.549%
38	9.239	1058	1063	1070	rVB2	206000	342531	3.33%	0.205%
39	9.428	1091	1095	1100	rVB	424570	650200	6.33%	0.390%
40	9.492	1100	1106	1117	rVB	714342	1417109	13.79%	0.849%
41	9.675	1130	1137	1144	rBV	1020957	1817937	17.70%	1.089%
42	9.851	1162	1167	1176	rVB	585469	966878	9.41%	0.579%
43	9.951	1176	1184	1187	rBV2	330962	640594	6.24%	0.384%
44	10.004	1187	1193	1201	rVB3	1804418	3847024	37.45%	2.305%
45	10.216	1222	1229	1237	rVB2	1827807	3501814	34.09%	2.098%
46	10.298	1237	1243	1251	rBV3	249614	488710	4.76%	0.293%
47	10.375	1251	1256	1263	rVB	170071	297891	2.90%	0.178%
48	10.457	1263	1270	1273	rBV4	189967	417629	4.07%	0.250%
49	10.516	1274	1280	1284	rVV4	296125	633983	6.17%	0.380%
50	10.592	1284	1293	1297	rVV2	1951935	3923410	38.19%	2.351%
51	10.645	1297	1302	1309	rVV	5860848	10273369	100.00%	6.156%
52	10.722	1309	1315	1319	rVV	1180087	2383175	23.20%	1.428%
53	10.763	1319	1322	1328	rVV	589623	956803	9.31%	0.573%
54	11.257	1402	1406	1411	rVB	191027	281755	2.74%	0.169%
55	11.333	1413	1419	1428	rVB	250481	463735	4.51%	0.278%
56	11.451	1428	1439	1444	rBV	894666	2212437	21.54%	1.326%
57	11.510	1444	1449	1456	rVB	302355	555424	5.41%	0.333%
58	11.598	1459	1464	1466	rBV	201729	315144	3.07%	0.189%
59	11.704	1476	1482	1491	rVB2	441147	838089	8.16%	0.502%
60	11.827	1499	1503	1508	rVB3	160267	249461	2.43%	0.149%
61	11.933	1517	1521	1524	rBV2	138051	239535	2.33%	0.144%
62	12.022	1532	1536	1540	rVB4	163483	249079	2.42%	0.149%
63	12.151	1554	1558	1562	rBV	182425	260192	2.53%	0.156%
64	12.257	1569	1576	1582	rVB	3720346	6216116	60.51%	3.725%
65	12.410	1598	1602	1606	rBV4	232569	329591	3.21%	0.197%
66	12.474	1608	1613	1623	rVB	1867059	3193519	31.09%	1.914%
67	12.569	1623	1629	1639	rVB4	201031	567737	5.53%	0.340%
68	12.663	1639	1645	1651	rBV2	349642	637825	6.21%	0.382%
69	12.786	1653	1666	1675	rBV	1674191	3902961	37.99%	2.339%
70	12.986	1693	1700	1708	rVB6	504702	1001688	9.75%	0.600%
71	13.274	1744	1749	1753	rVV4	503862	844435	8.22%	0.506%

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72	13.310	1753	1755	1759	rVB2	300286	369350	3.60%	0.221%
73	13.604	1798	1805	1816	rBV5	466766	1602451	15.60%	0.960%
74	13.768	1827	1833	1837	rVV3	456106	965073	9.39%	0.578%
75	13.816	1837	1841	1842	rVV	329570	426643	4.15%	0.256%
76	13.851	1842	1847	1850	rVV	2416845	3397335	33.07%	2.036%
77	13.898	1850	1855	1859	rVB	1403279	1974852	19.22%	1.183%
78	14.086	1883	1887	1889	rBV3	154167	247363	2.41%	0.148%
79	14.133	1889	1895	1903	rVB	3051253	4992201	48.59%	2.991%
80	14.292	1919	1922	1927	rVB2	255198	325807	3.17%	0.195%
81	14.439	1941	1947	1954	rVB	2619798	3921958	38.18%	2.350%
82	14.633	1977	1980	1985	rBV3	323631	453442	4.41%	0.272%
83	14.886	2018	2023	2027	rBV	957408	1298406	12.64%	0.778%
84	15.427	2110	2115	2121	rVV	3499362	5242373	51.03%	3.141%
85	15.486	2121	2125	2129	rVB3	225199	295600	2.88%	0.177%
86	15.545	2130	2135	2141	rVB	1124124	1588291	15.46%	0.952%
87	16.468	2286	2292	2299	rBV3	414981	795922	7.75%	0.477%
88	17.180	2407	2413	2417	rBV2	2533924	3626077	35.30%	2.173%
89	17.274	2423	2429	2435	rBV2	3445683	5066338	49.32%	3.036%
90	17.686	2495	2499	2504	rVB2	249671	320510	3.12%	0.192%
91	18.080	2562	2566	2572	rBV	875898	1177911	11.47%	0.706%
92	18.374	2613	2616	2623	rBV2	216976	290909	2.83%	0.174%
93	18.792	2683	2687	2690	rBV2	194528	269417	2.62%	0.161%
94	19.009	2721	2724	2730	rVB	230596	258942	2.52%	0.155%
95	19.356	2779	2783	2793	rBV	403597	639409	6.22%	0.383%
96	19.568	2814	2819	2829	rBV	3795192	5186624	50.49%	3.108%
97	21.068	3071	3074	3078	rVB	533185	652739	6.35%	0.391%
98	21.350	3118	3122	3131	rBV	2485996	3210527	31.25%	1.924%
99	23.474	3477	3483	3500	rVB	2359548	4959230	48.27%	2.972%
100	23.615	3502	3507	3516	rVB2	1729955	3322554	32.34%	1.991%

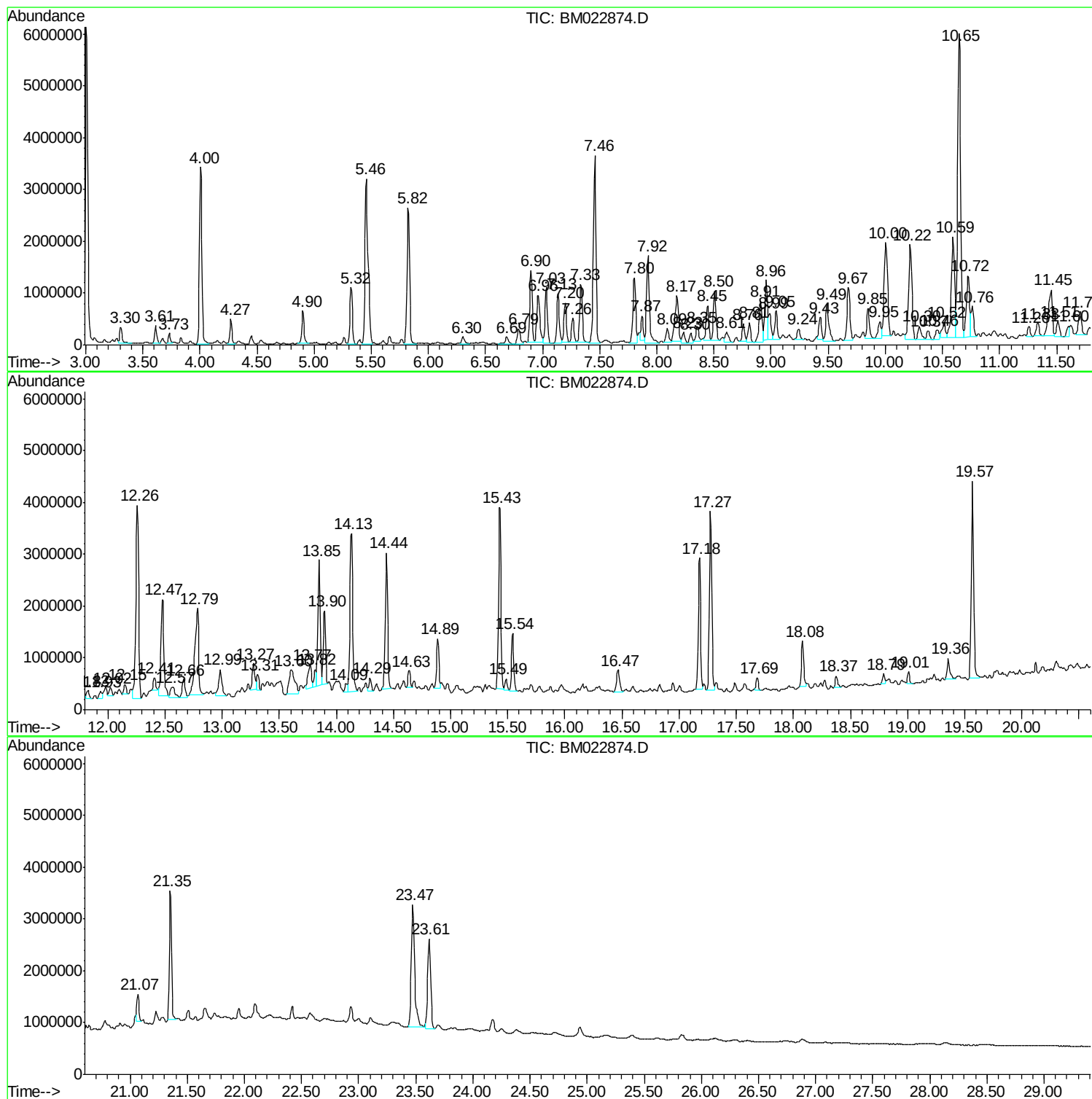
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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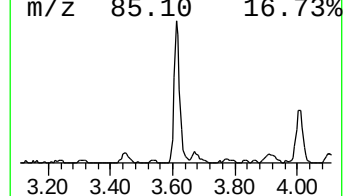
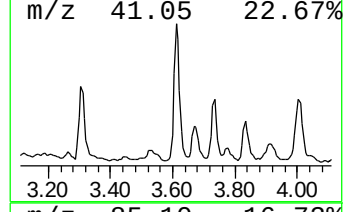
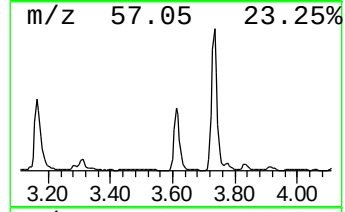
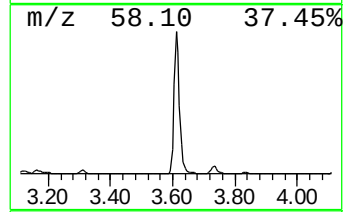
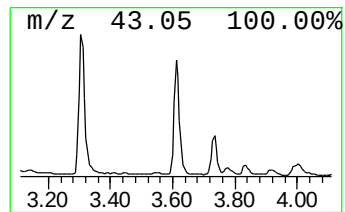
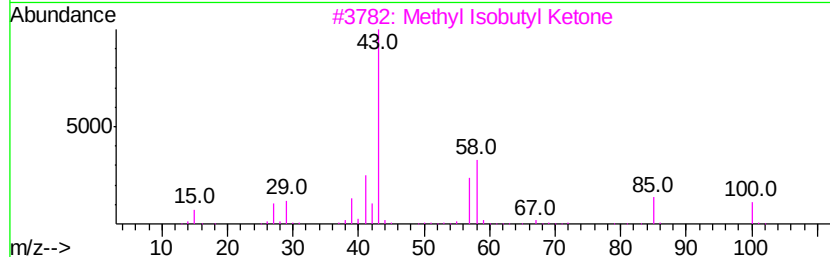
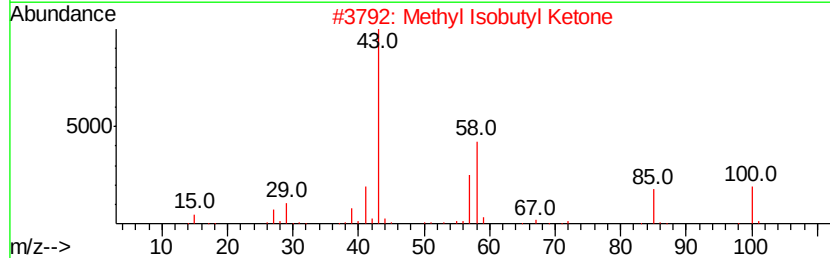
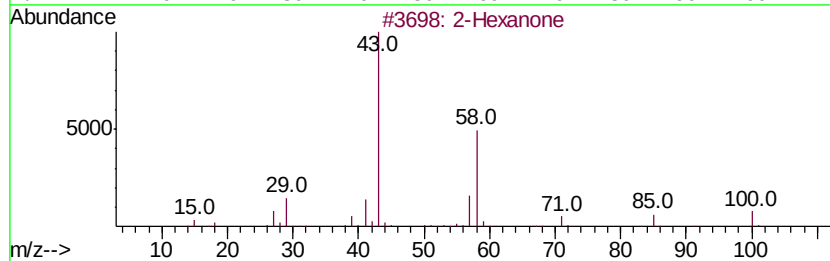
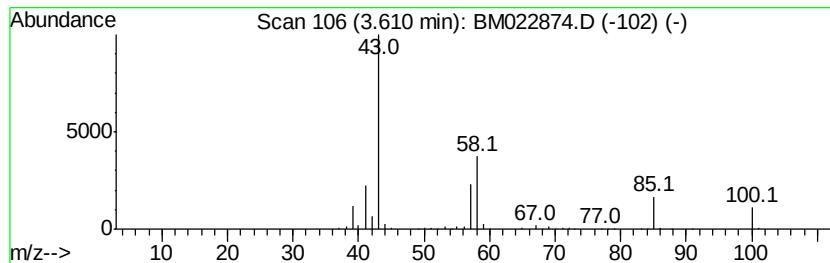
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Hexanone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.		
3.61	4.22 ng/ul	439515	1,4-Dichlorobenzene-d4	7.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone		100	C6H12O	000591-78-6	78
2	Methyl Isobutyl Ketone		100	C6H12O	000108-10-1	72
3	Methyl Isobutyl Ketone		100	C6H12O	000108-10-1	64
4	2-Hexanone		100	C6H12O	000591-78-6	59
5	Methyl Isobutyl Ketone		100	C6H12O	000108-10-1	58



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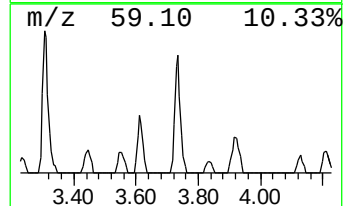
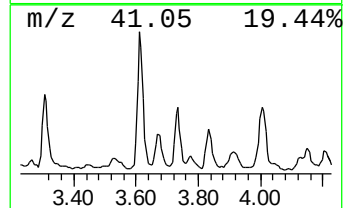
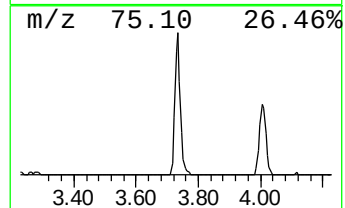
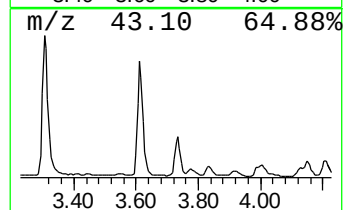
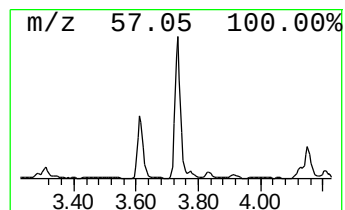
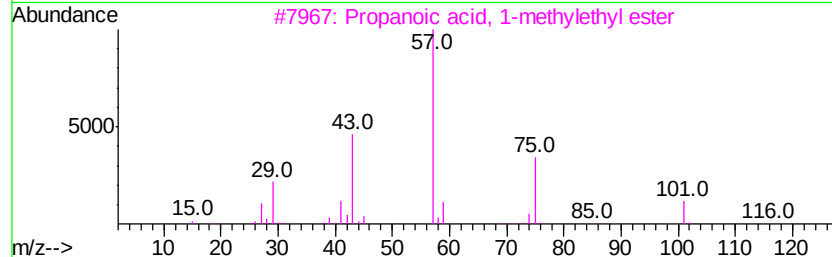
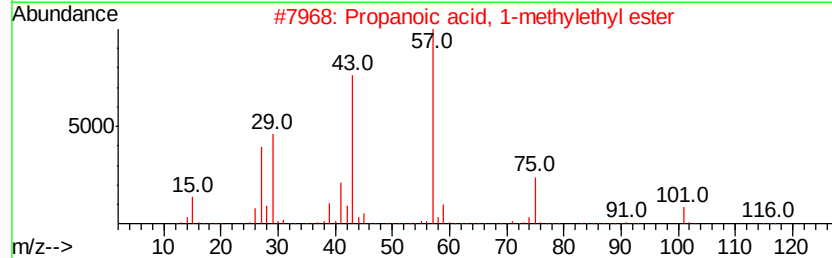
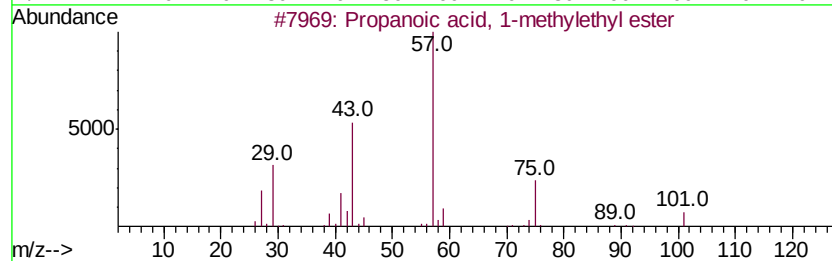
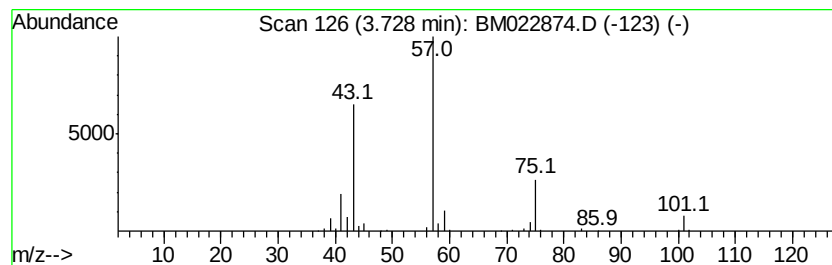
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	2.45 ng/ul	255252	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	78
4		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45
5		Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	23



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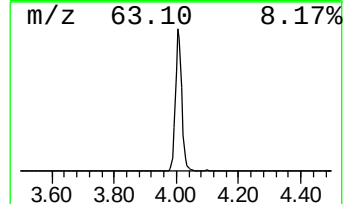
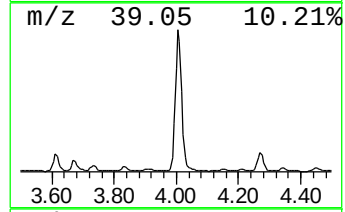
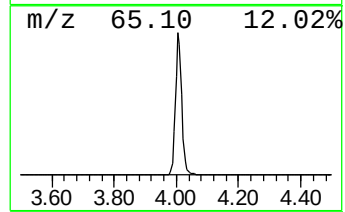
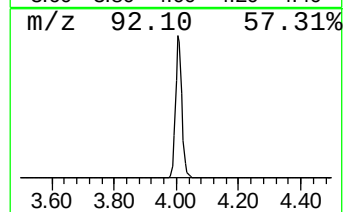
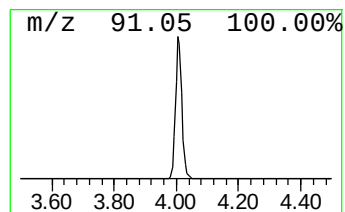
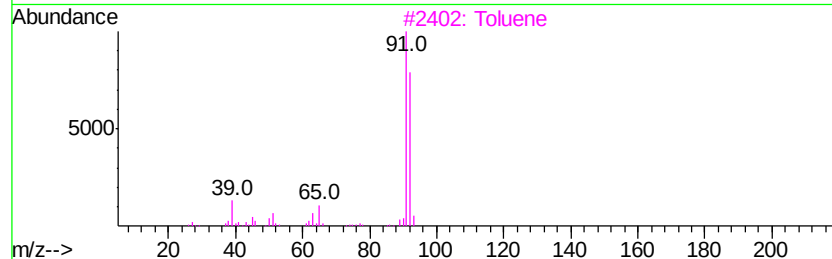
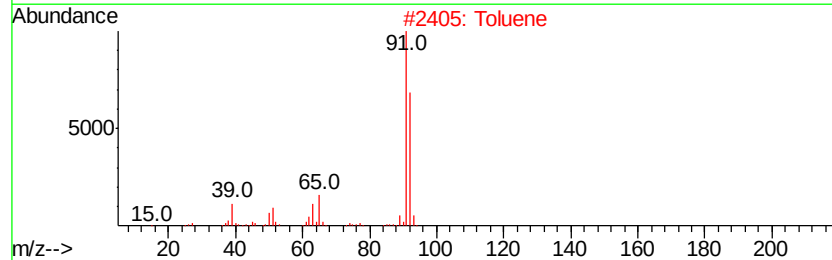
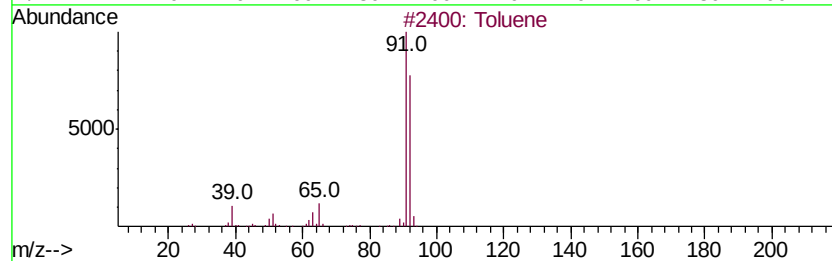
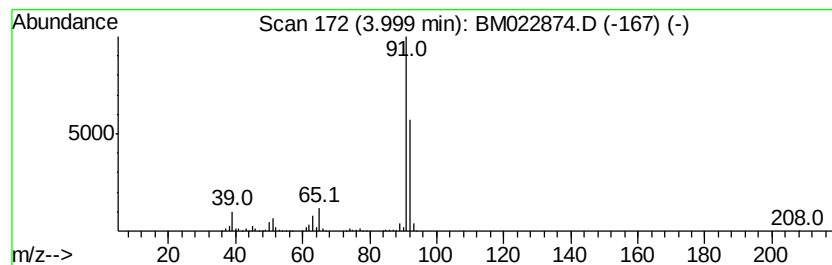
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Peak Number 3 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	47.54 ng/ul	4947540	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	95
2		Toluene	92	C7H8	000108-88-3	95
3		Toluene	92	C7H8	000108-88-3	91
4		Toluene	92	C7H8	000108-88-3	91
5		Toluene	92	C7H8	000108-88-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
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Instrument :
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ClientSampleId :
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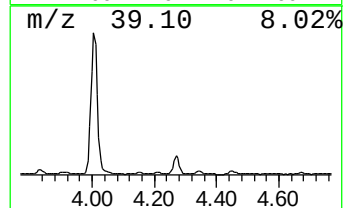
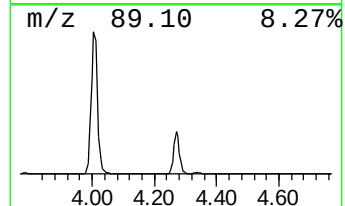
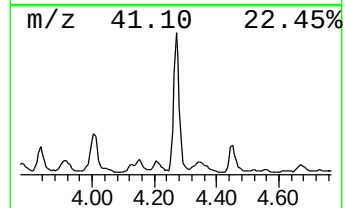
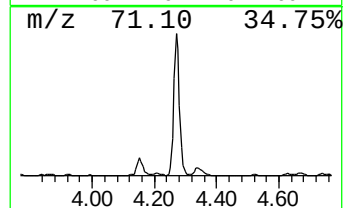
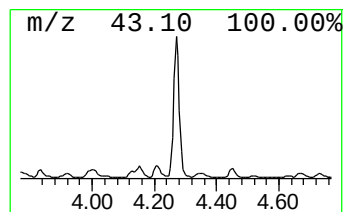
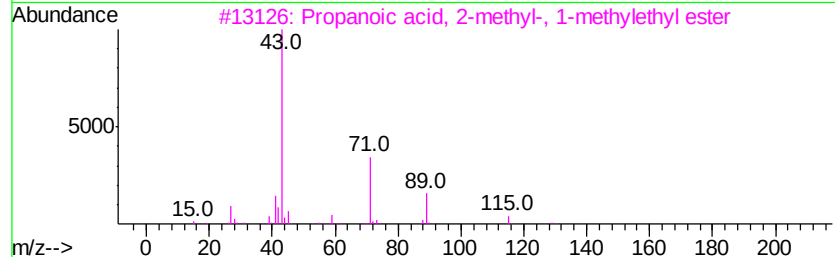
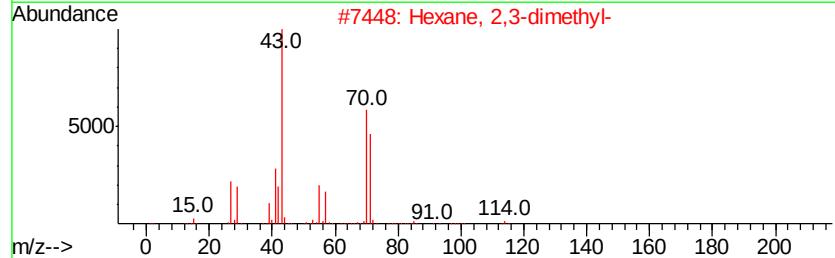
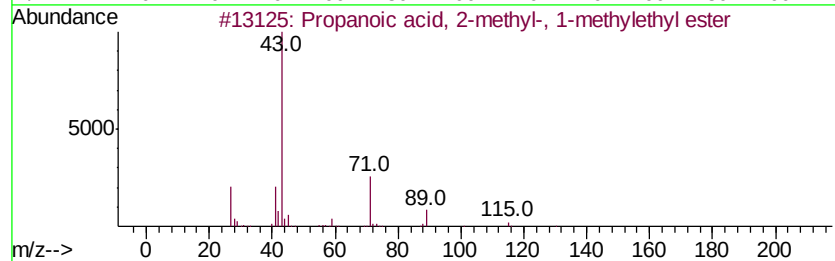
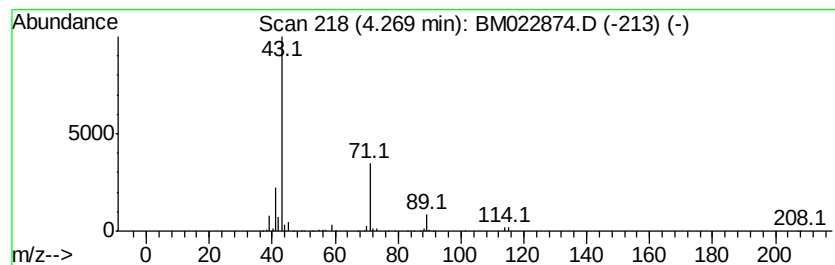
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	5.96 ng/ul	620688	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	64
2		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	59
3		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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Sample : K4932-06
Misc :
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Instrument :
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ClientSampleId :
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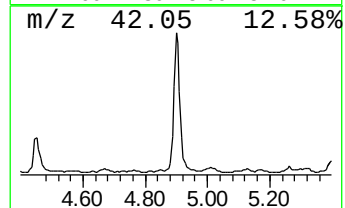
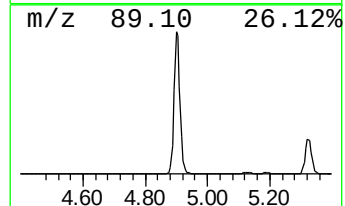
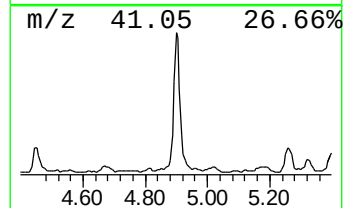
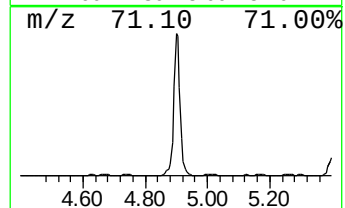
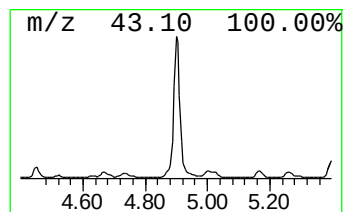
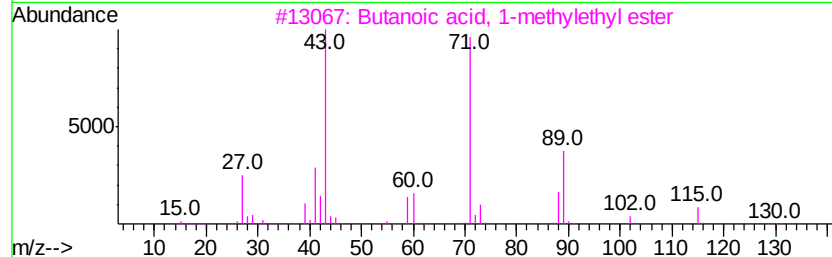
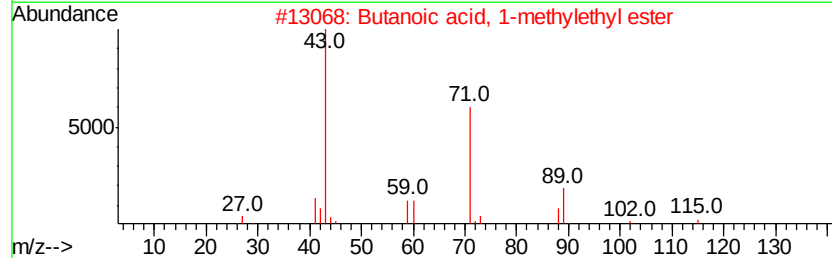
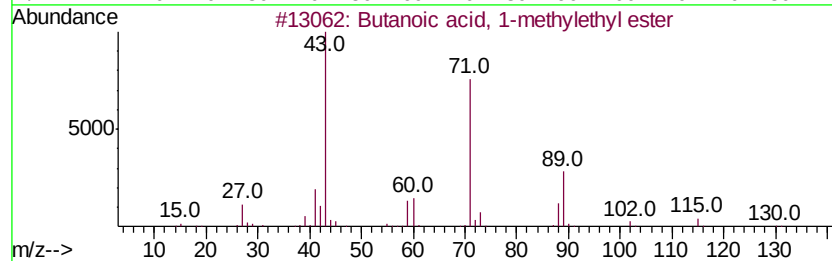
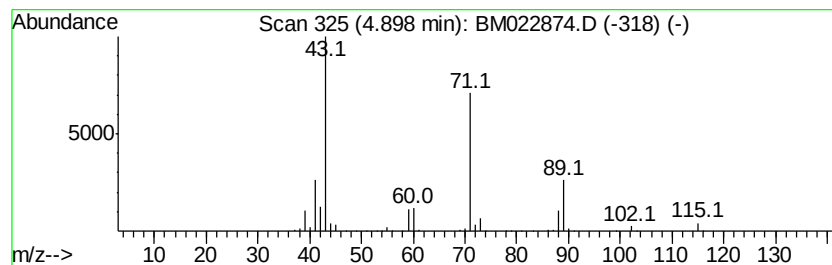
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	8.66 ng/ul	901378	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	86
3		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
5		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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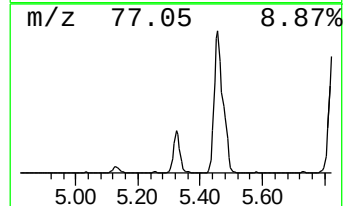
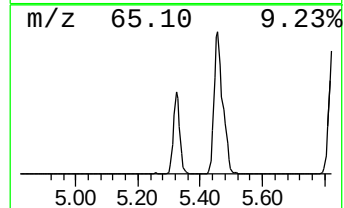
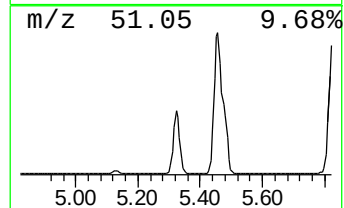
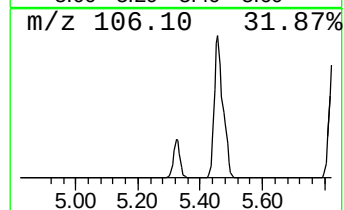
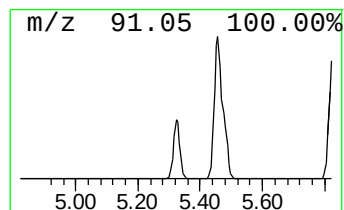
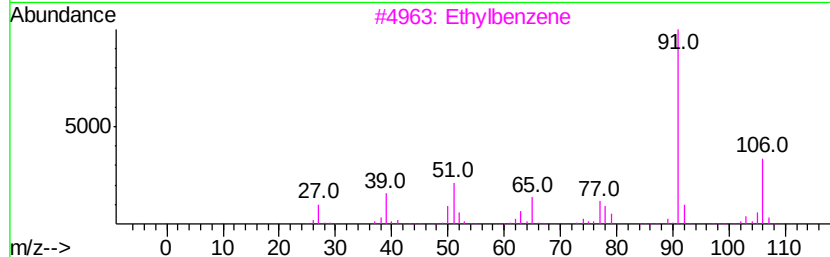
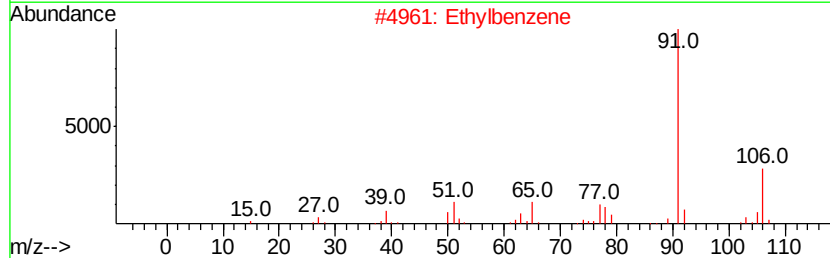
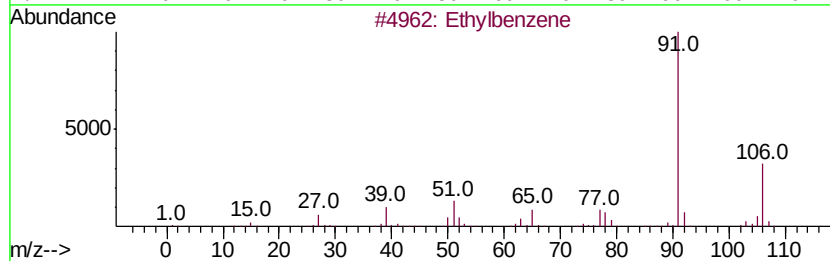
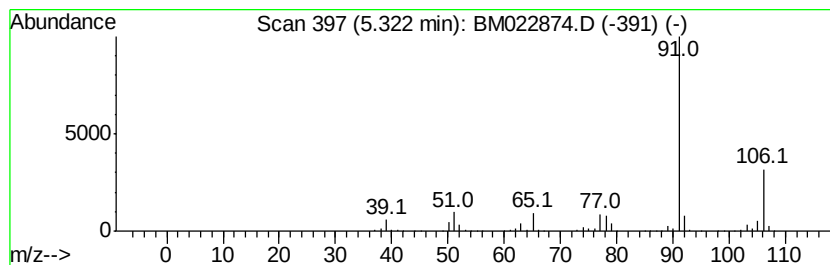
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Ethylbenzene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	15.20 ng/ul	1581410	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	94
2		Ethylbenzene	106	C8H10	000100-41-4	94
3		Ethylbenzene	106	C8H10	000100-41-4	91
4		Ethylbenzene	106	C8H10	000100-41-4	90
5		p-Xylene	106	C8H10	000106-42-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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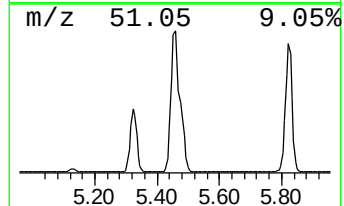
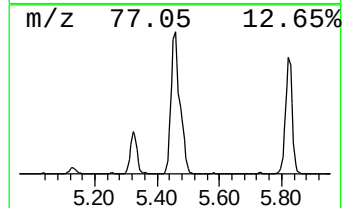
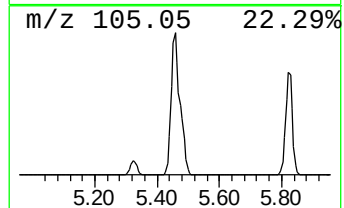
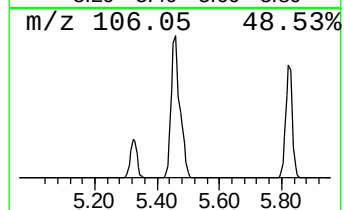
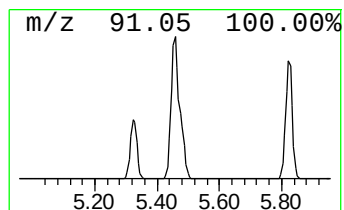
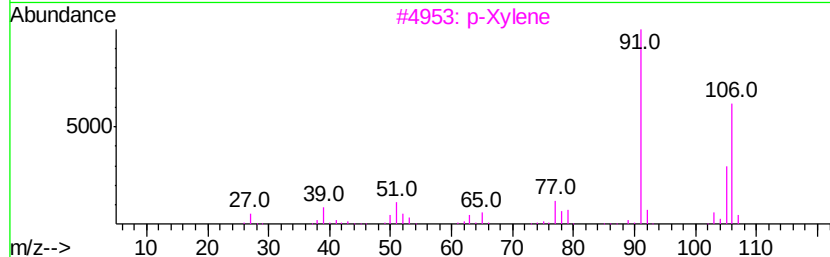
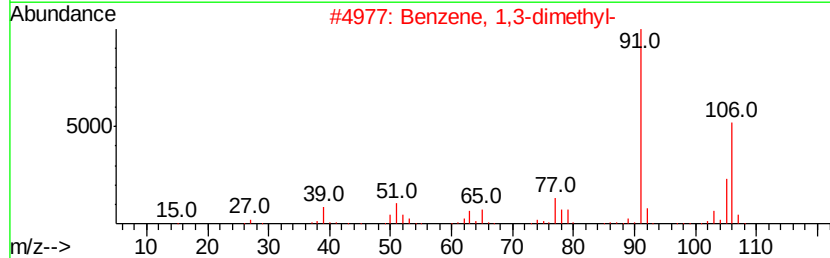
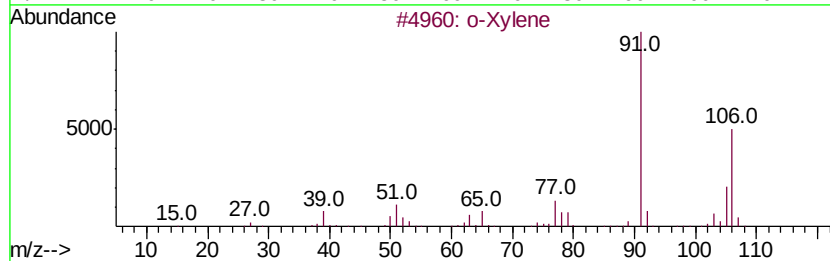
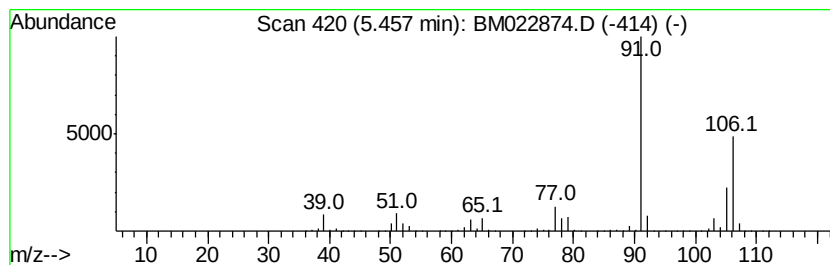
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 o-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	59.62 ng/ul	6204110	1,4-Dichlorobenzene-d4	7.80

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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Sample : K4932-06
Misc :
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Instrument :
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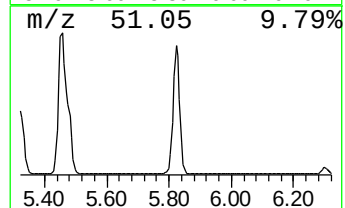
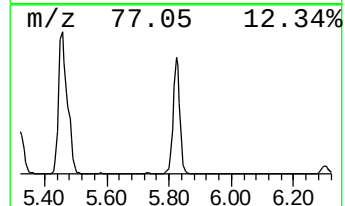
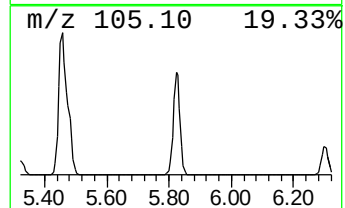
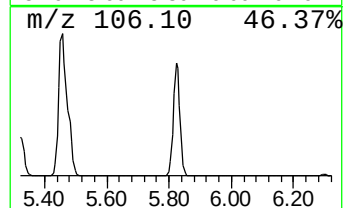
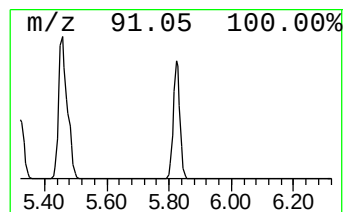
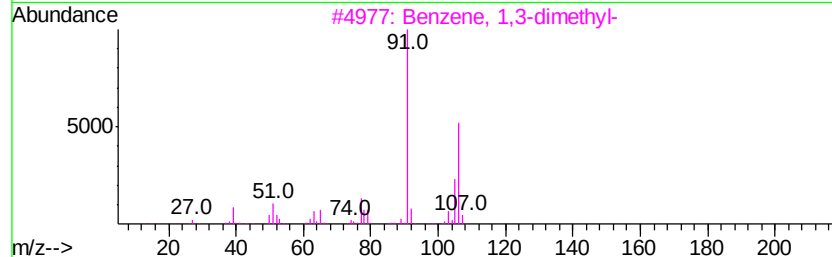
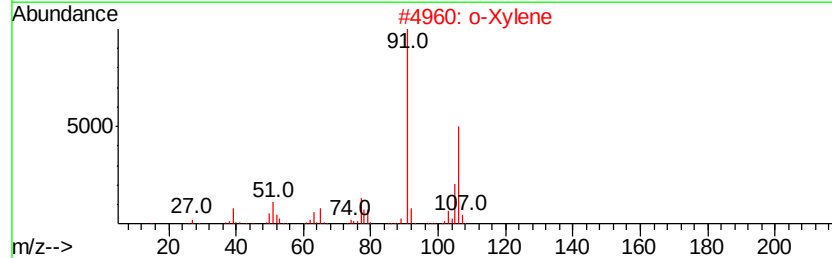
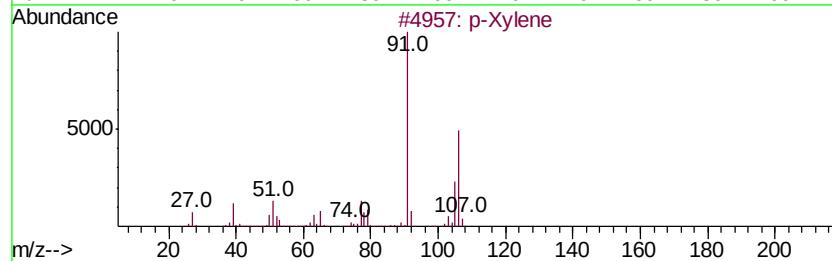
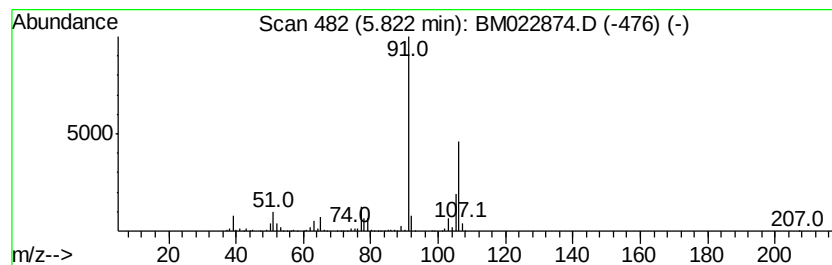
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 p-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	38.55 ng/ul	4012070	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		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4		p-Xylene	106	C8H10	000106-42-3	95
5		o-Xylene	106	C8H10	000095-47-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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Misc :
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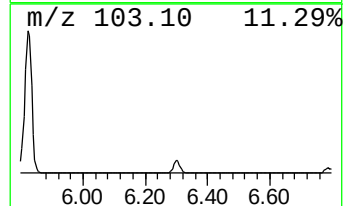
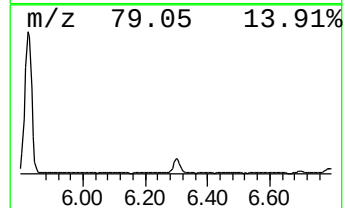
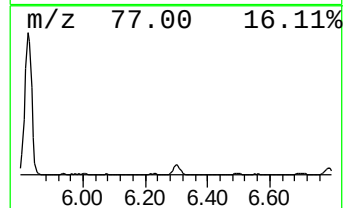
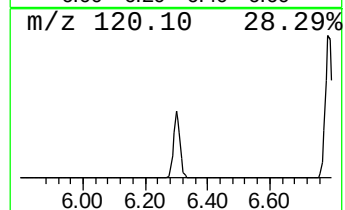
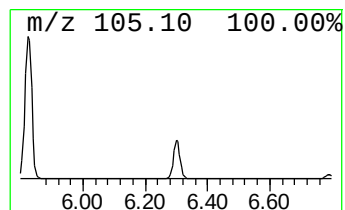
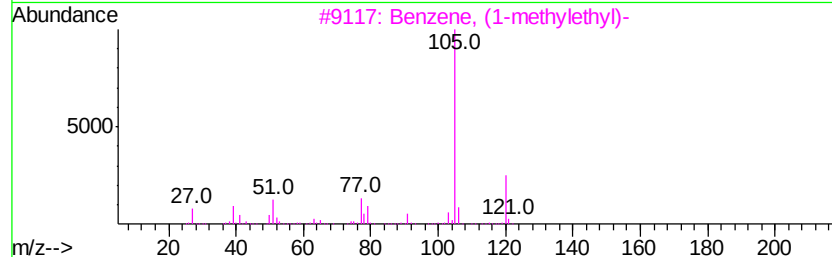
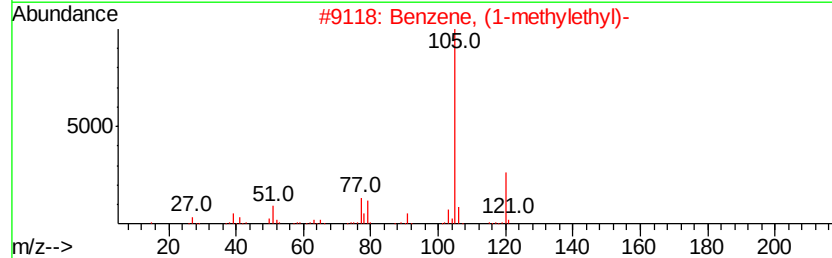
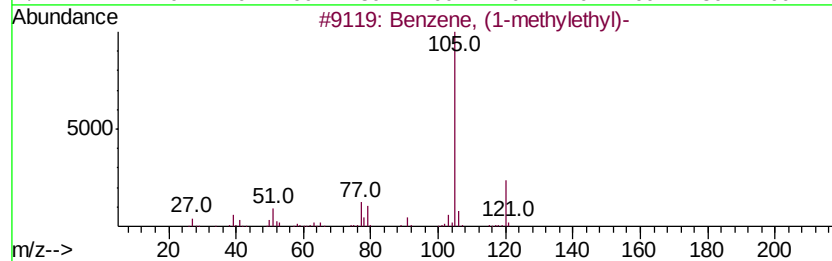
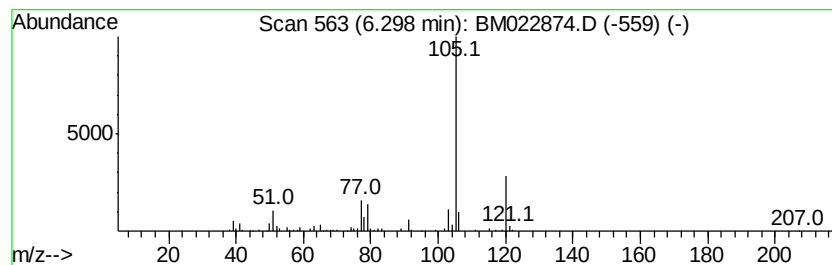
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, (1-methylethyl)- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.28 ng/ul	237190	1,4-Dichlorobenzene-d4	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94	
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94	
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94	
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91	
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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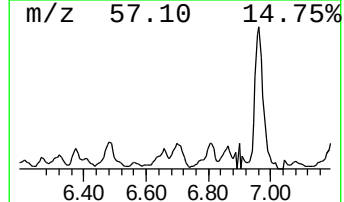
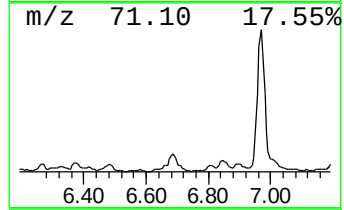
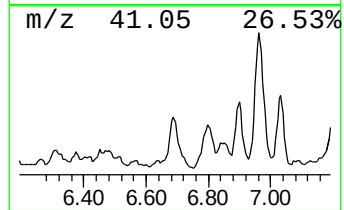
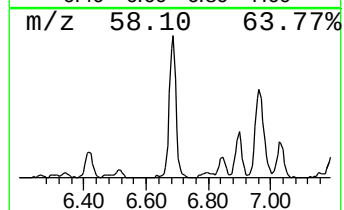
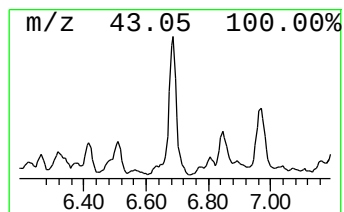
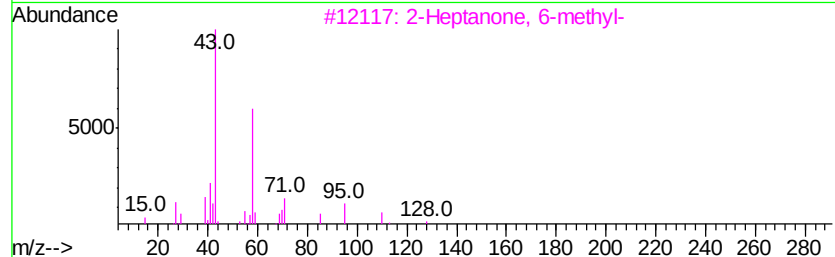
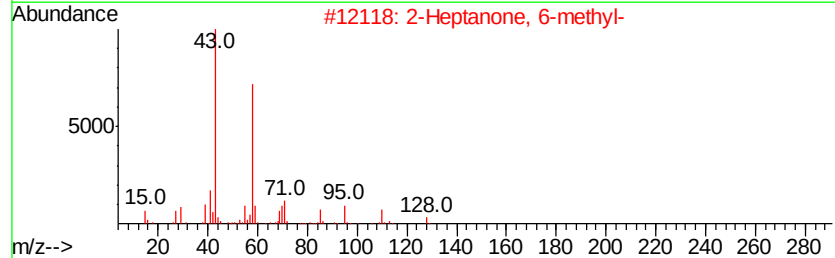
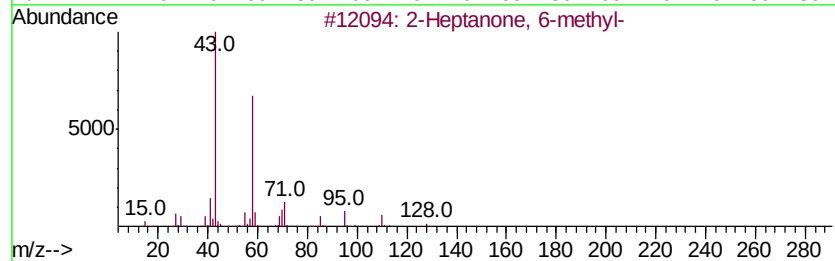
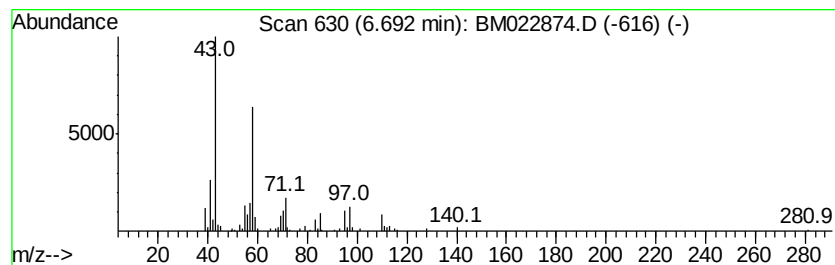
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 2-Heptanone, 6-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	2.82 ng/ul	293733	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90
2			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90
3			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	78
4			2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	64
5			Pentanal, 2-methyl-	100	C6H12O	000123-15-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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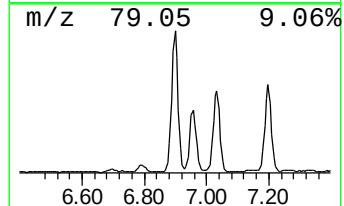
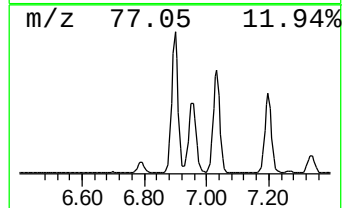
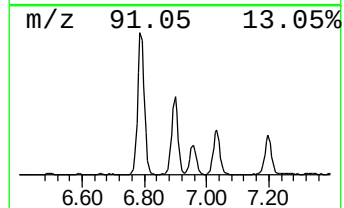
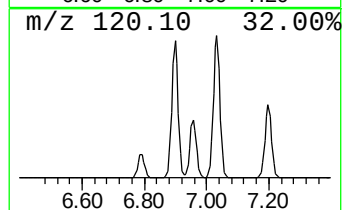
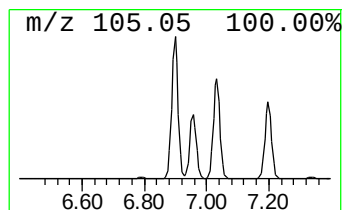
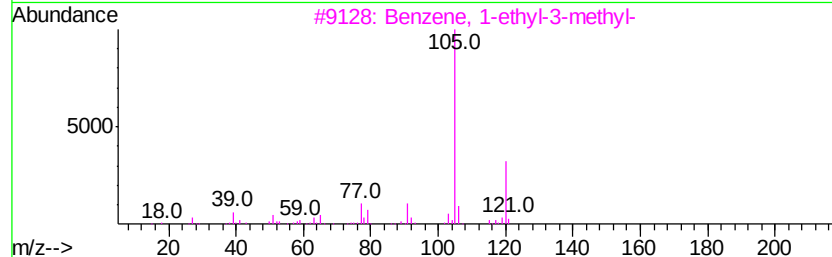
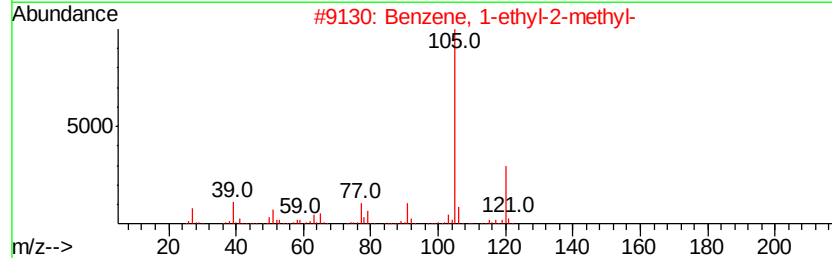
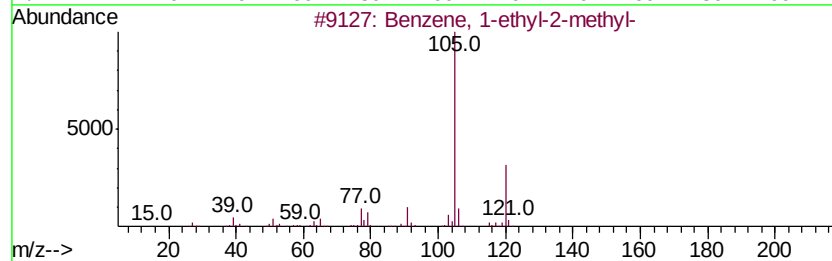
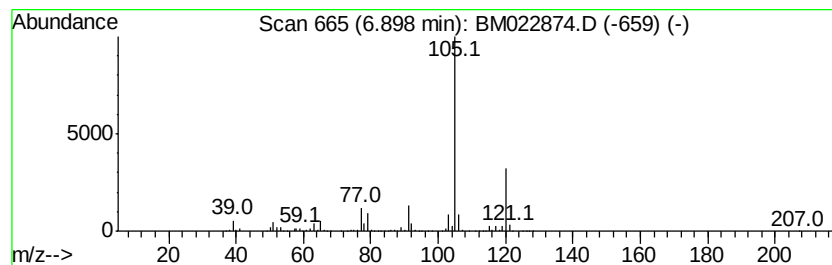
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	19.13 ng/ul	1990880	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-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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Sample : K4932-06
Misc :
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ClientSampleId :
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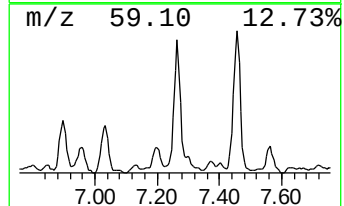
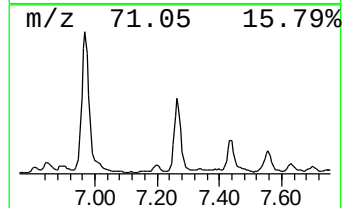
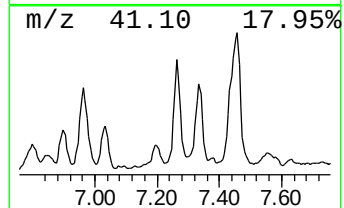
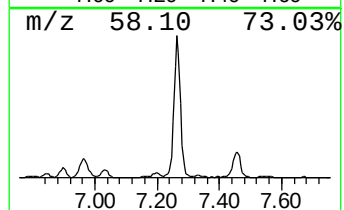
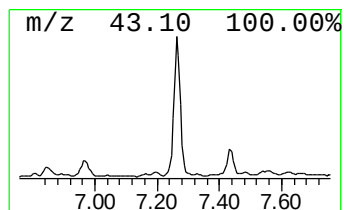
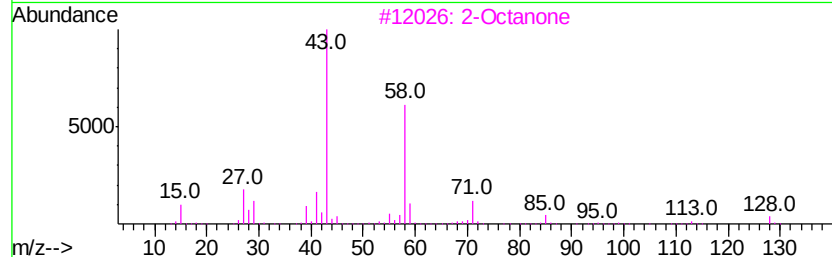
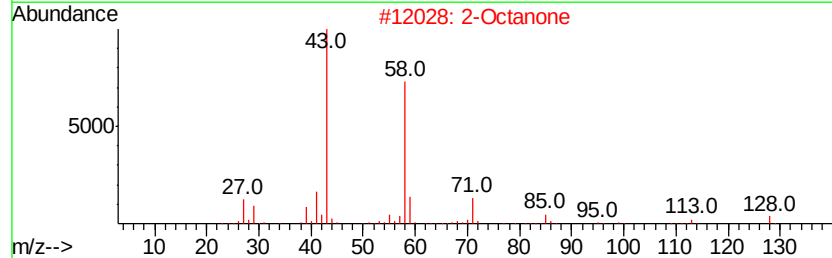
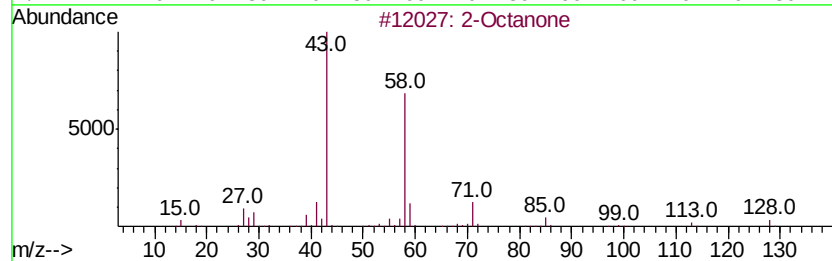
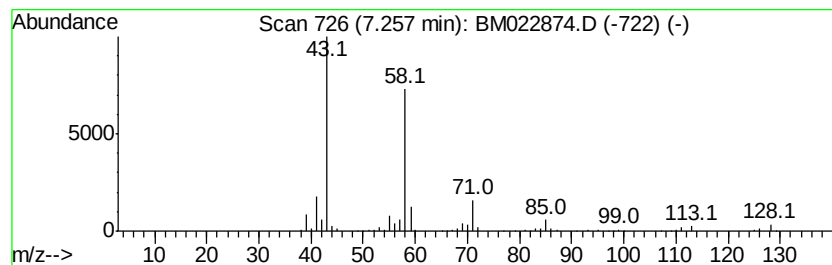
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 2-Octanone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	6.14 ng/ul	638967	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octanone	128	C8H16O	000111-13-7	94
2			2-Octanone	128	C8H16O	000111-13-7	94
3			2-Octanone	128	C8H16O	000111-13-7	91
4			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90
5			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
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Instrument :
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ClientSampleId :
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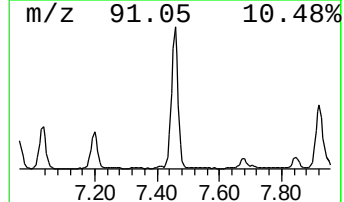
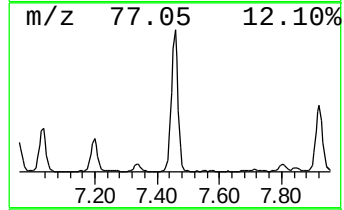
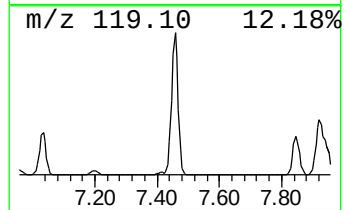
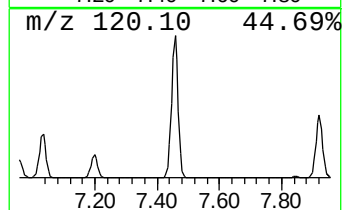
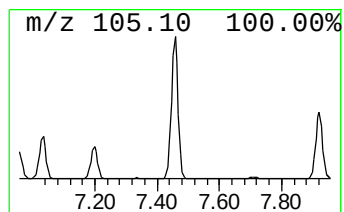
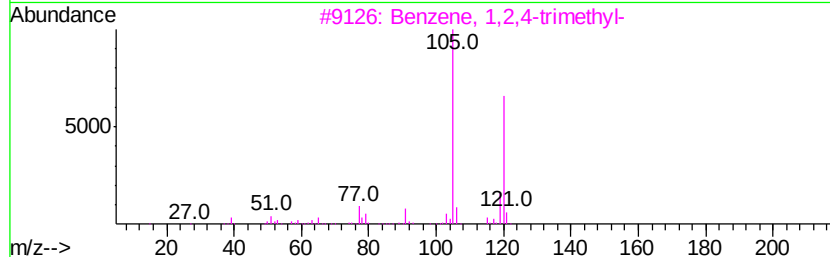
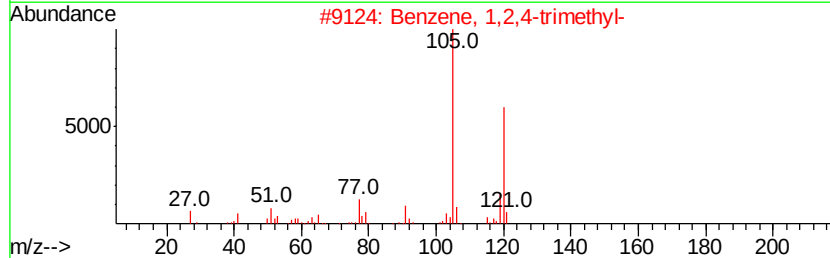
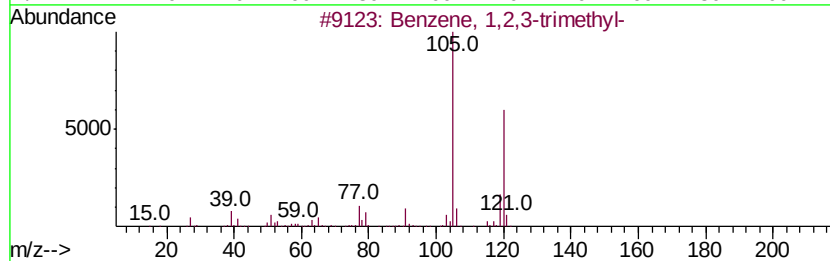
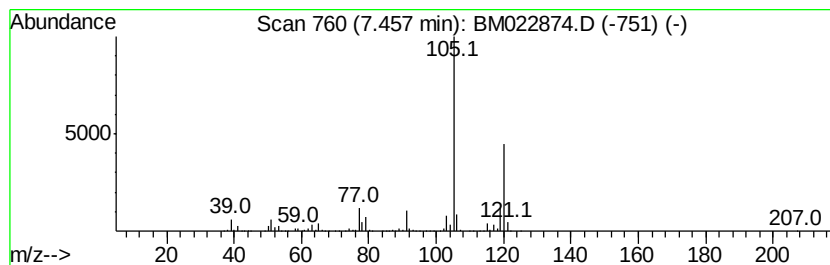
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	54.82 ng/ul	5704940	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	95
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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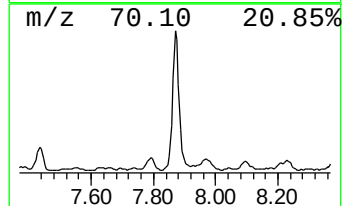
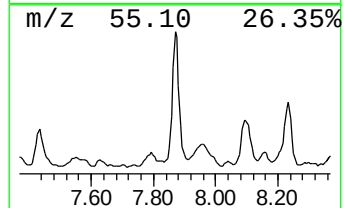
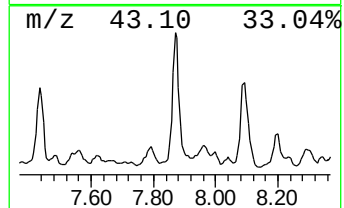
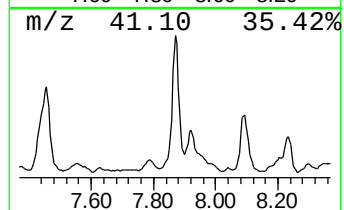
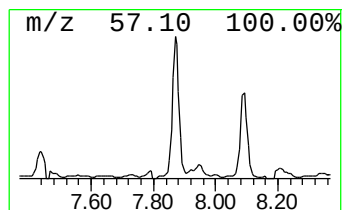
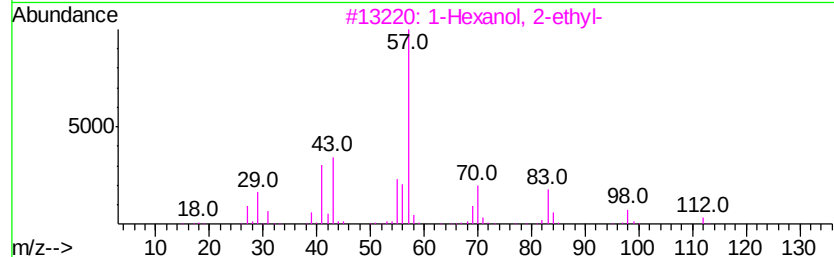
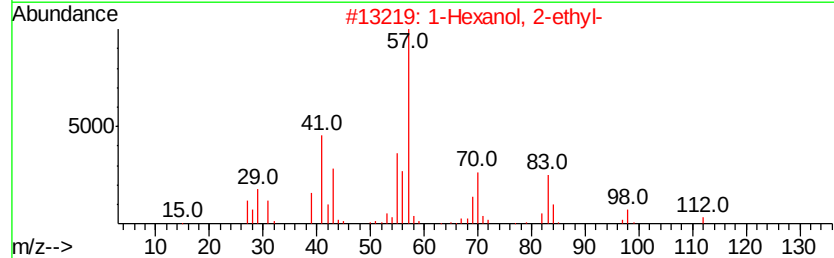
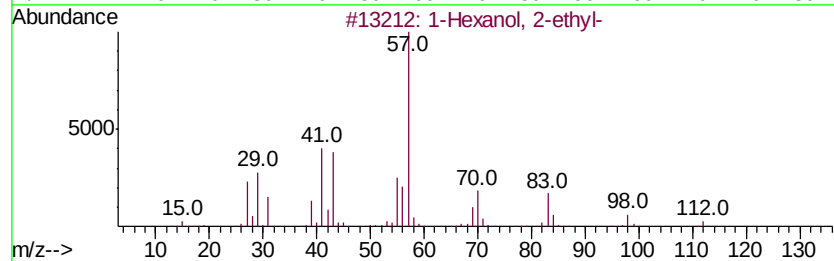
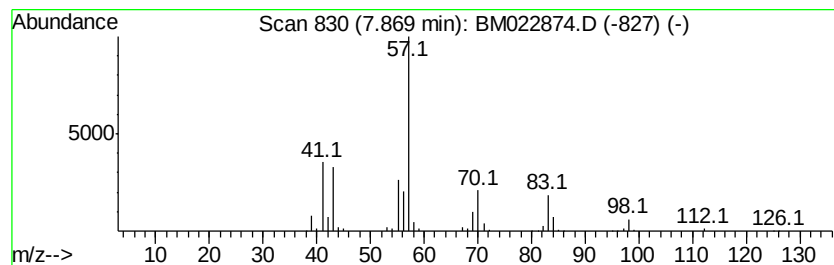
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1-Hexanol, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	6.43 ng/ul	669526	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
5			1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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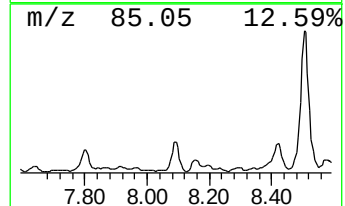
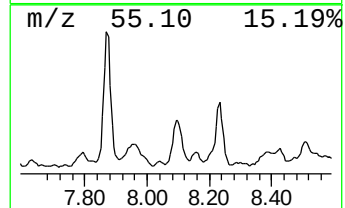
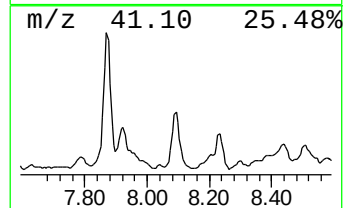
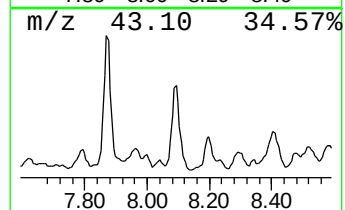
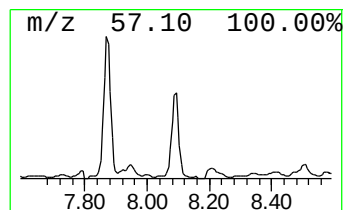
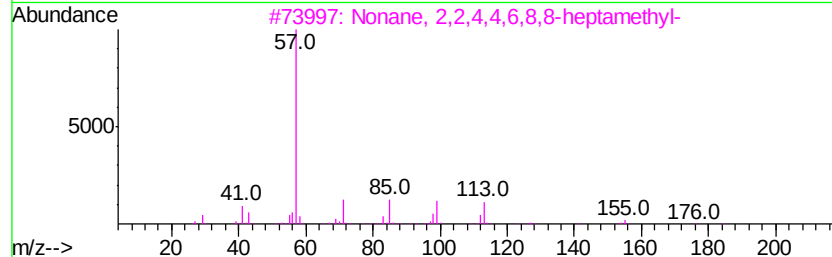
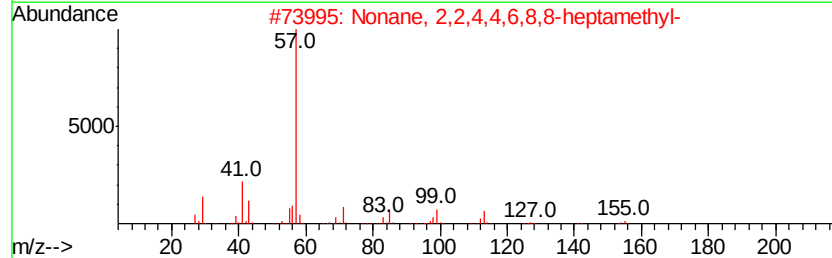
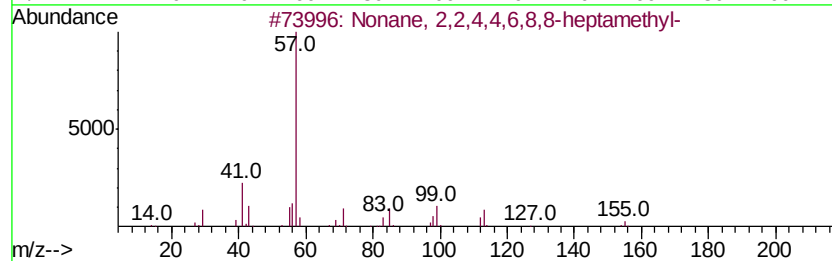
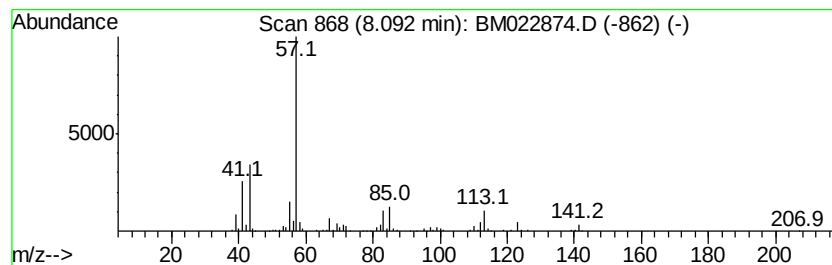
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	4.69 ng/ul	488561	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	45
2			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	42
3			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	42
4			2,2,4,4,5,5,7,7-Octamethyloctane	226	C16H34	005171-85-7	42
5			2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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Misc :
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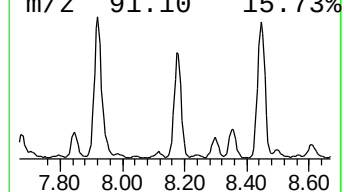
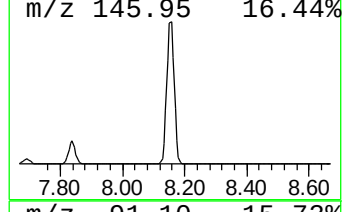
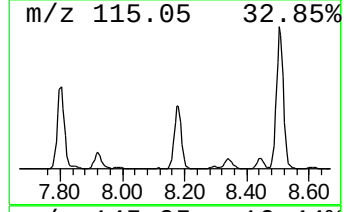
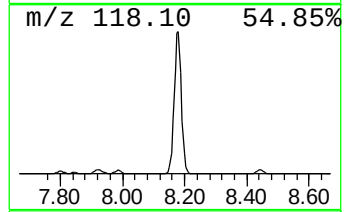
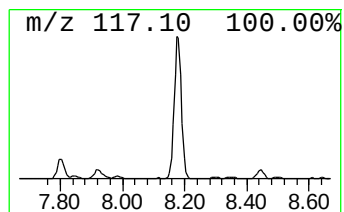
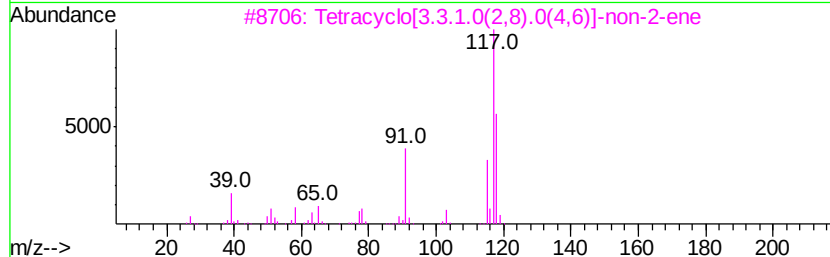
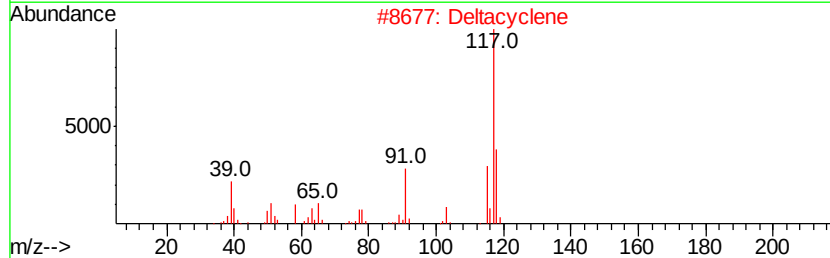
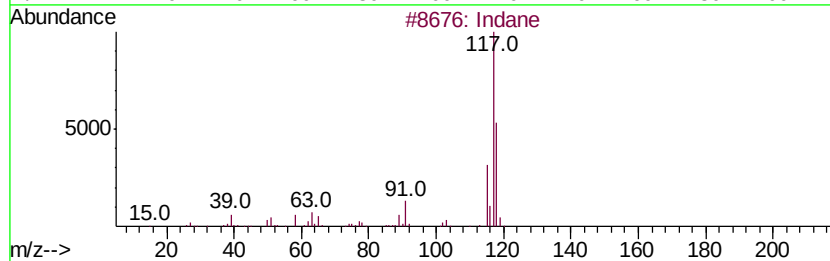
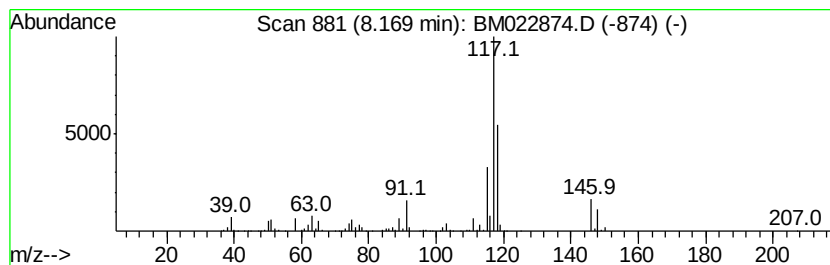
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	18.21 ng/ul	1895010	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Deltacyclene	118	C9H10	007785-10-6	74
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	64
4		Indane	118	C9H10	000496-11-7	64
5		Indane	118	C9H10	000496-11-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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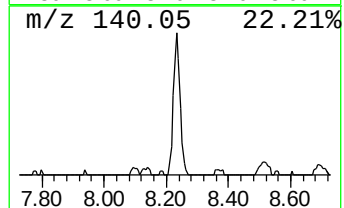
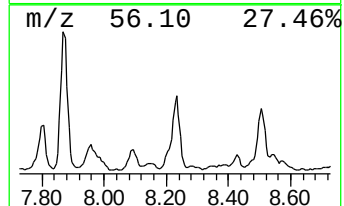
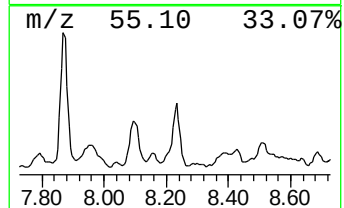
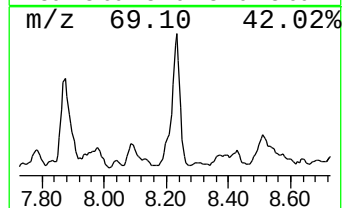
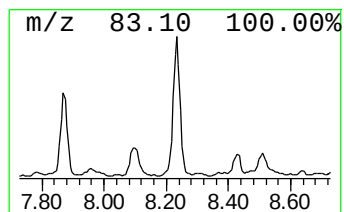
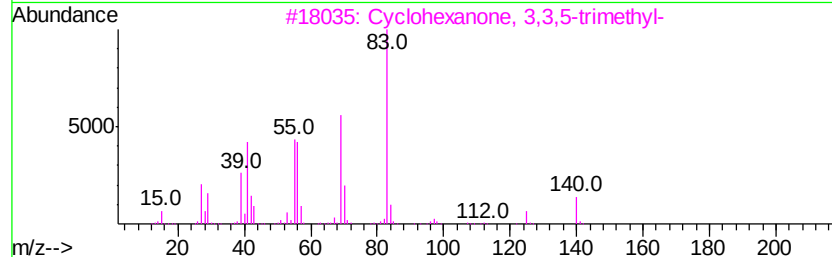
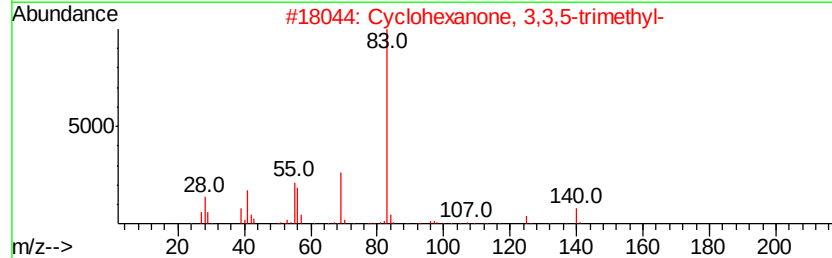
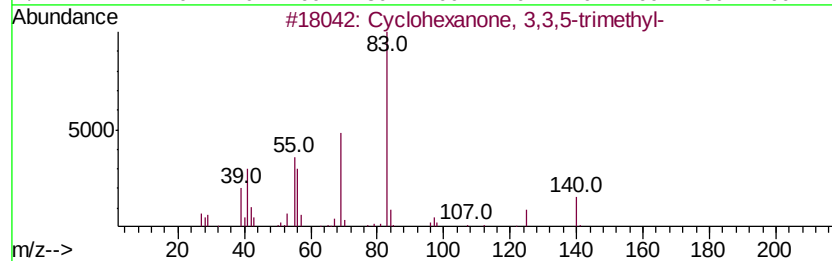
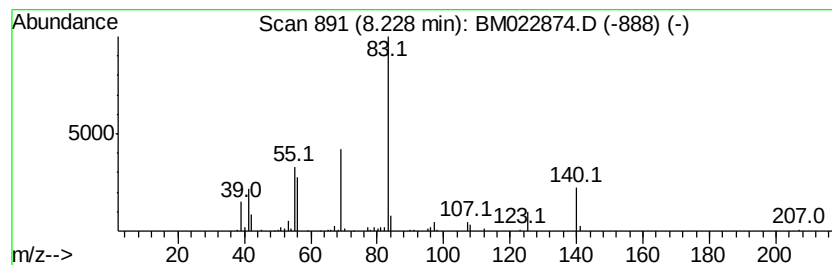
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Cyclohexanone, 3,3,5-trimet... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	3.08 ng/ul	320658	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
2			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	78
3			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	78
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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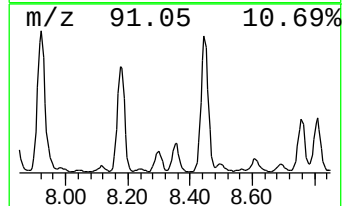
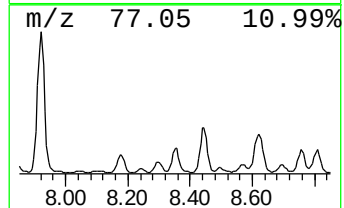
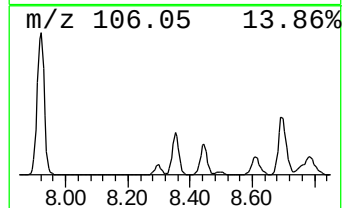
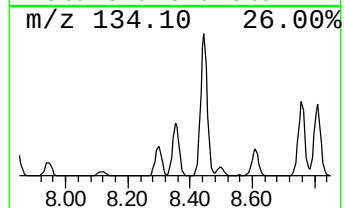
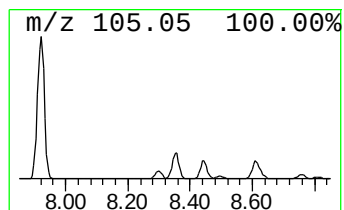
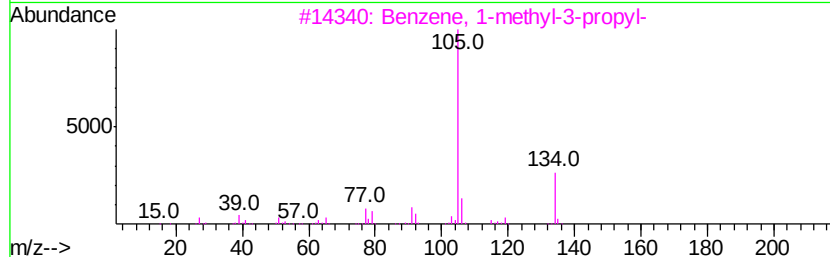
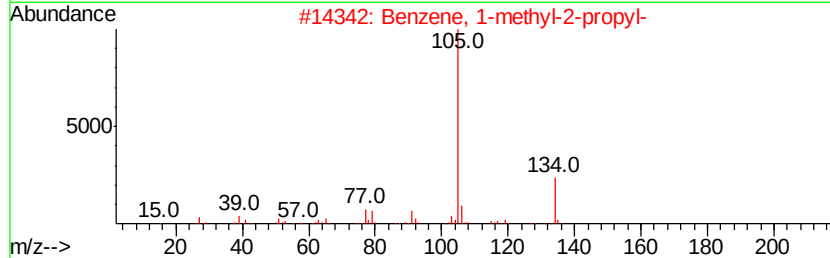
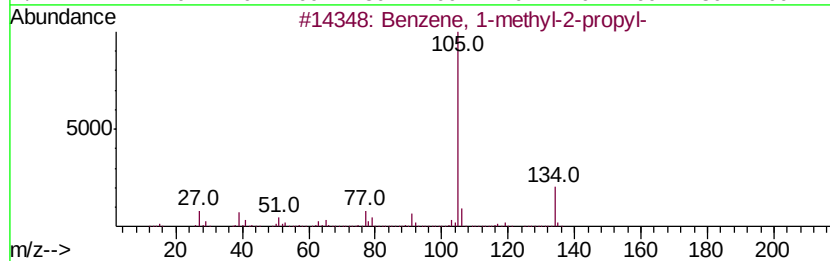
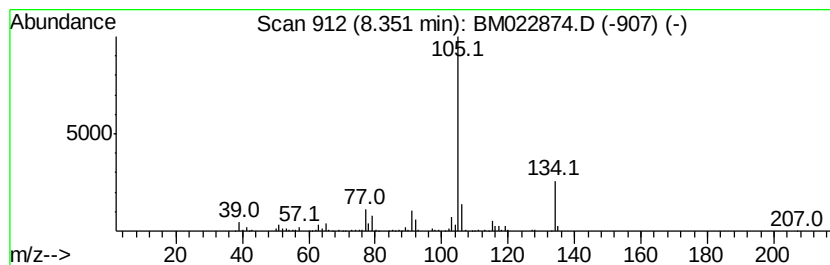
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzene, 1-methyl-2-propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	4.49 ng/ul	466875	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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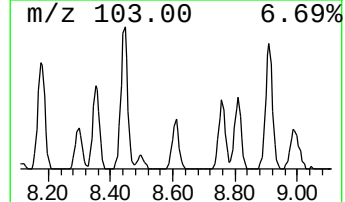
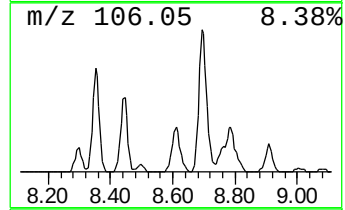
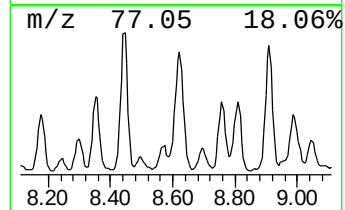
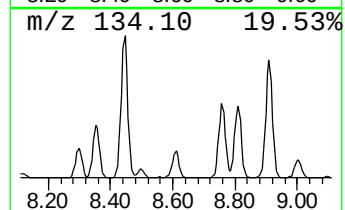
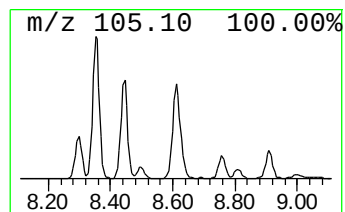
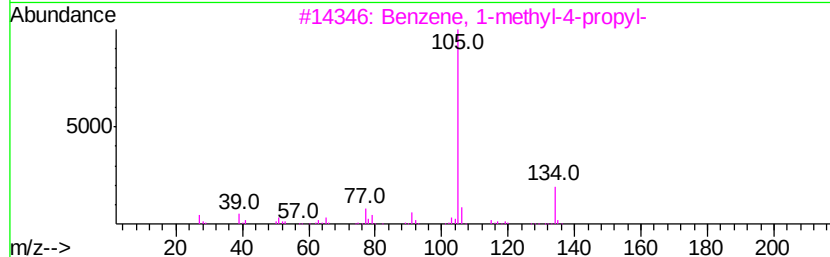
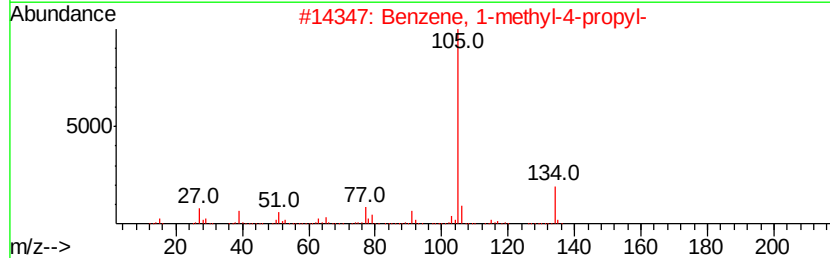
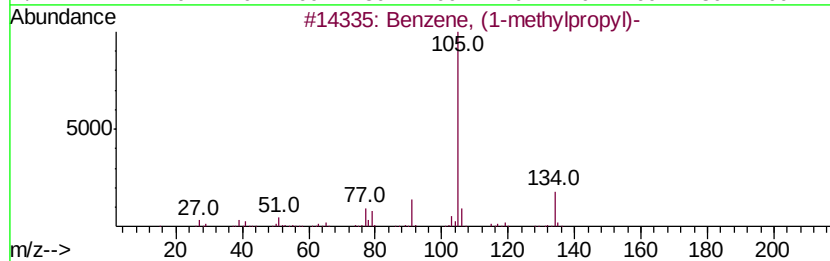
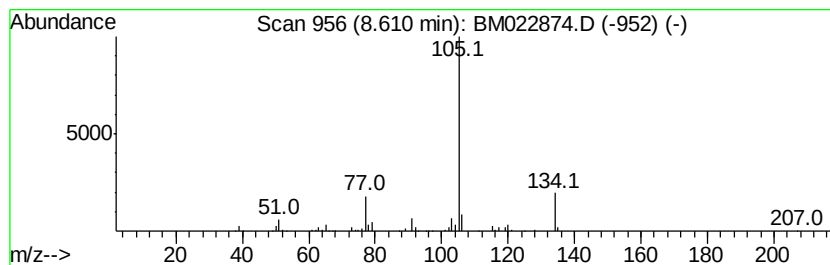
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzene, (1-methylpropyl)- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	3.95 ng/ul	411540	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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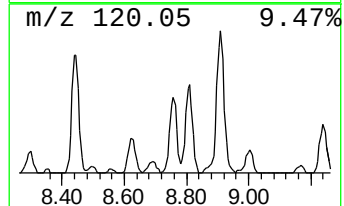
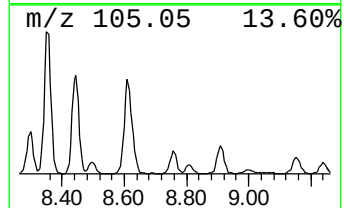
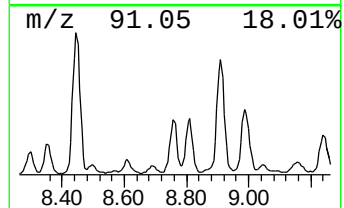
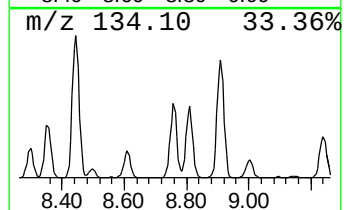
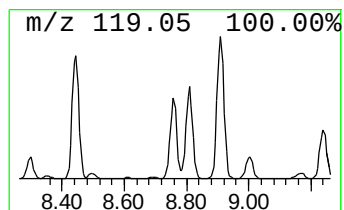
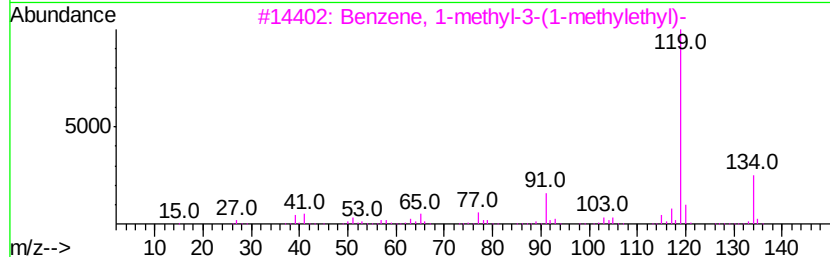
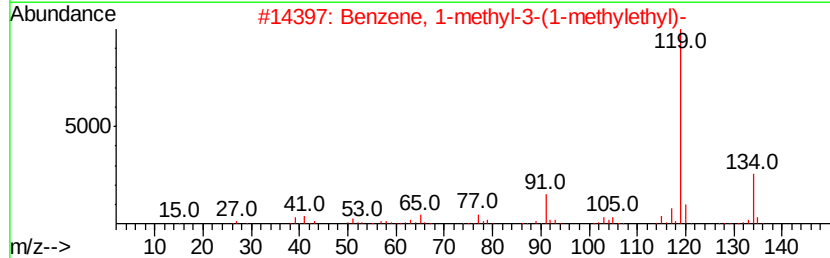
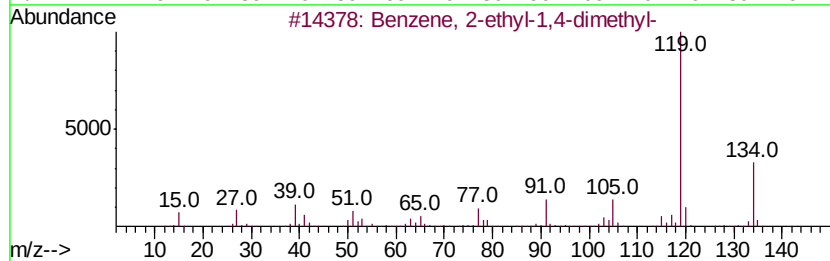
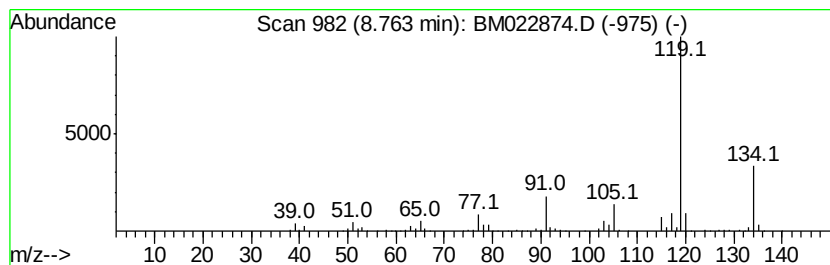
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.98 ng/ul	518306	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
Operator : JU
Sample : K4932-06
Misc :
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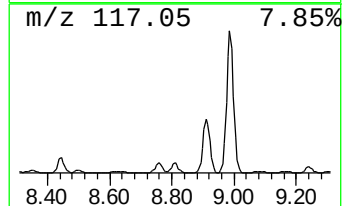
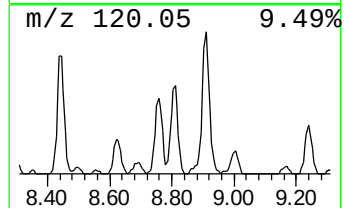
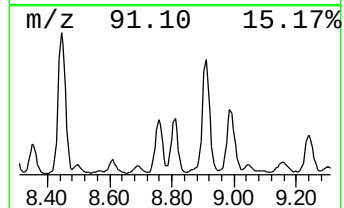
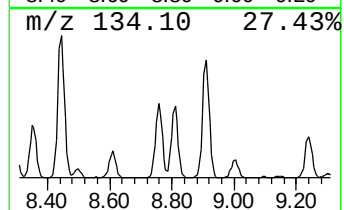
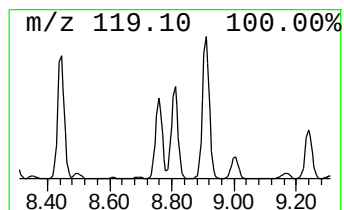
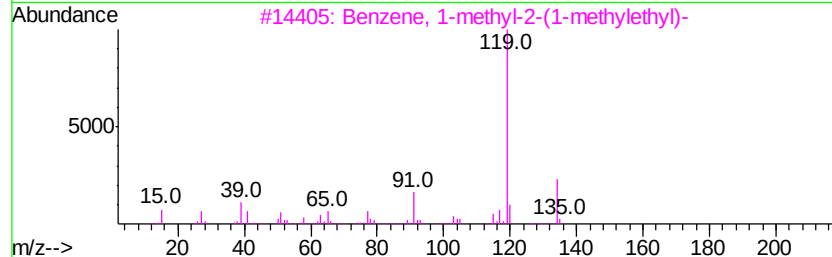
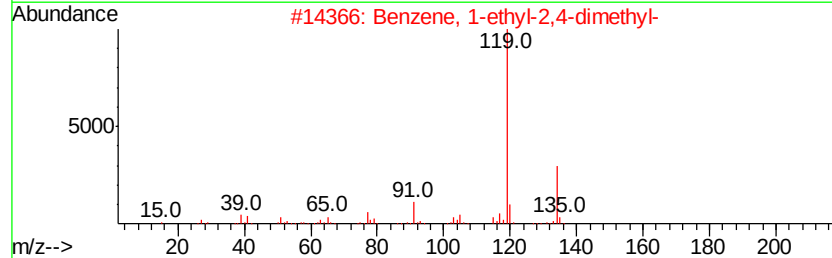
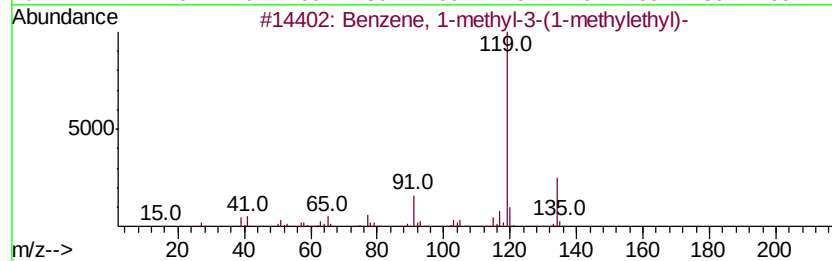
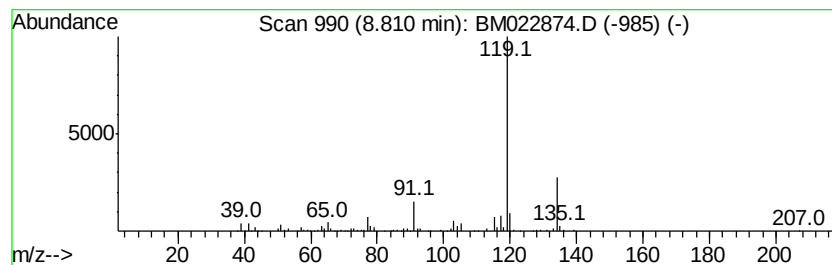
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Benzene, 1-methyl-3-(1-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	5.85 ng/ul	609215	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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Sample : K4932-06
Misc :
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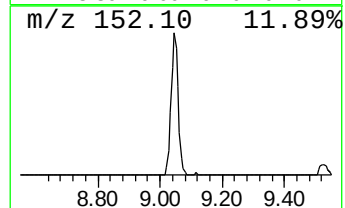
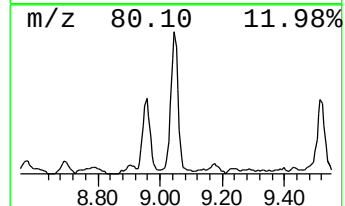
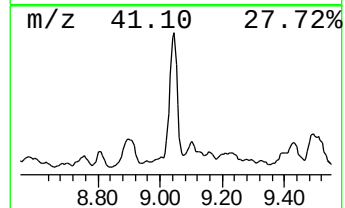
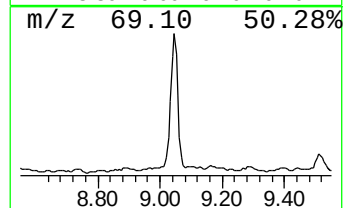
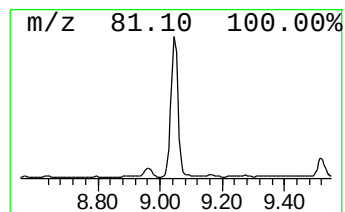
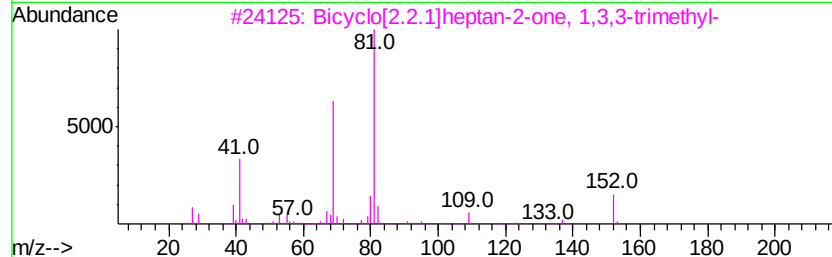
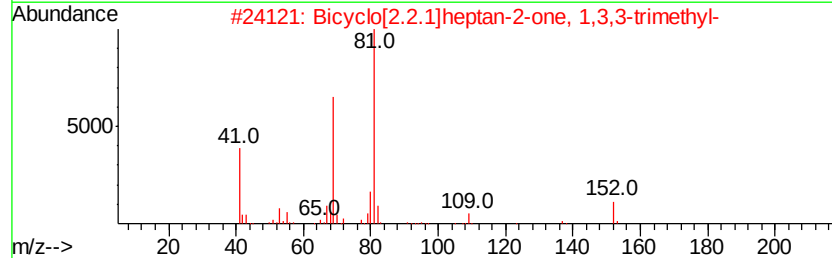
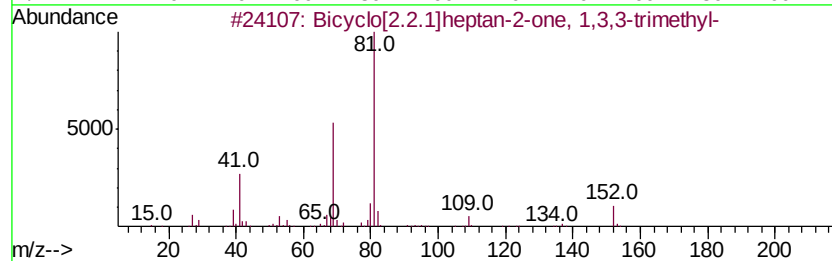
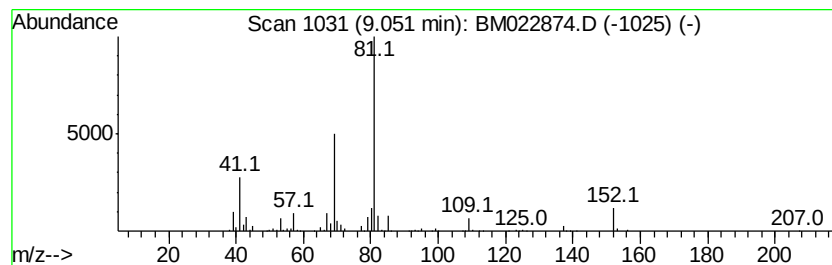
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	8.80 ng/ul	915897	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	94
2		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	93
3		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	93
4		L-Fenchone	152	C10H16O	000126-21-6	93
5		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	007787-20-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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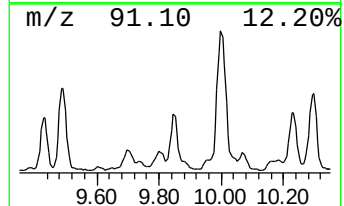
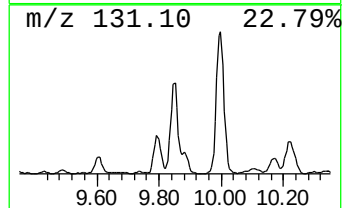
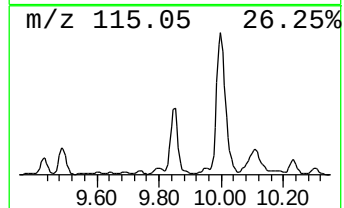
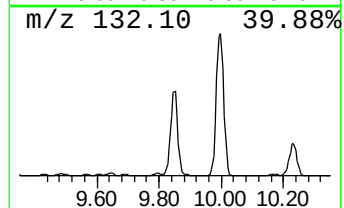
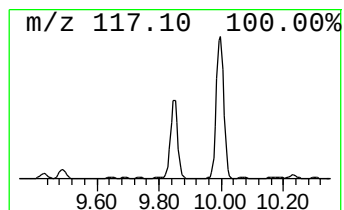
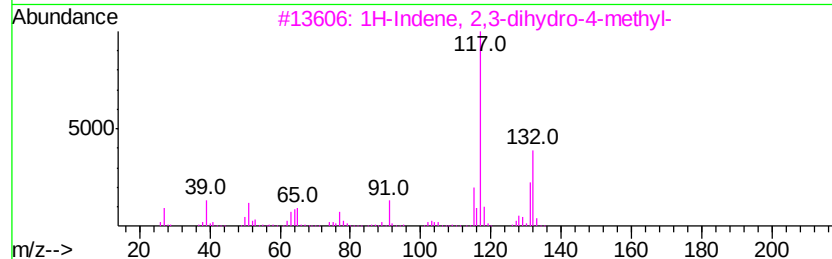
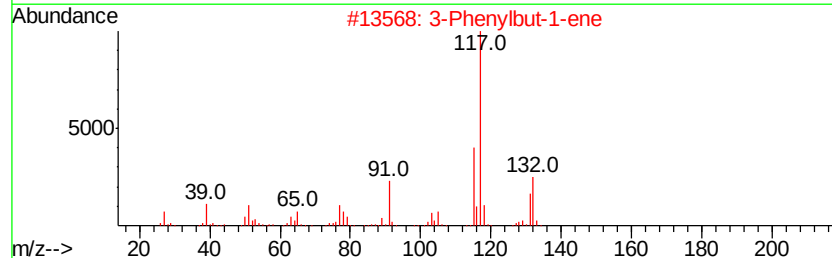
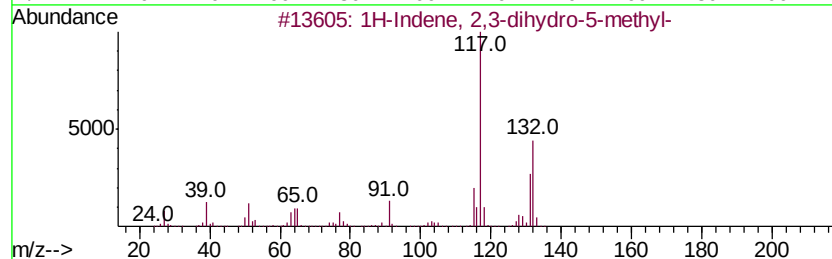
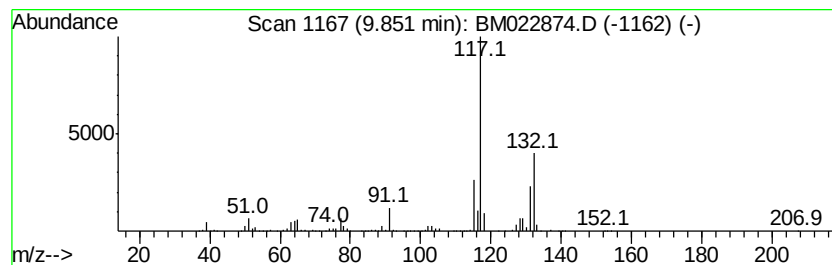
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	4.93 ng/ul	966878	Napthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4		Indan, 1-methyl-	132	C10H12	000767-58-8	87
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022874.D
Acq On : 02 Oct 2019 03:45
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Sample : K4932-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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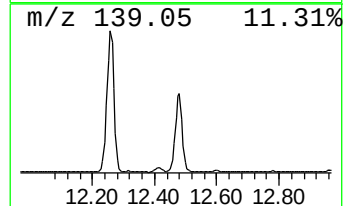
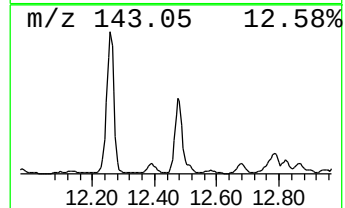
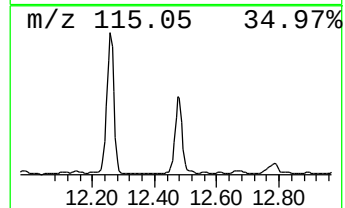
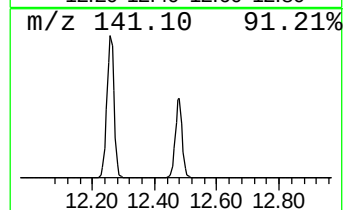
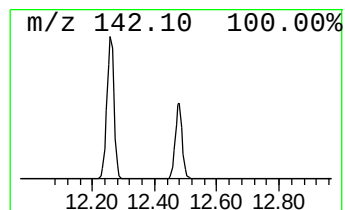
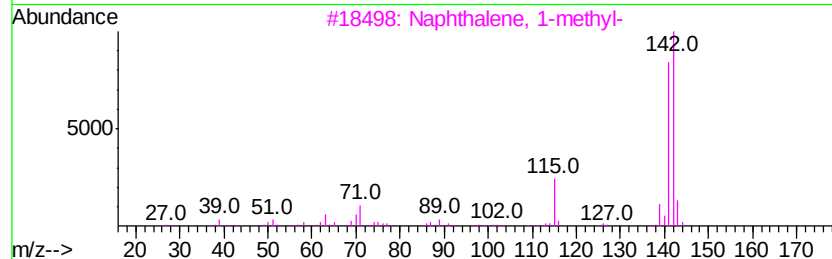
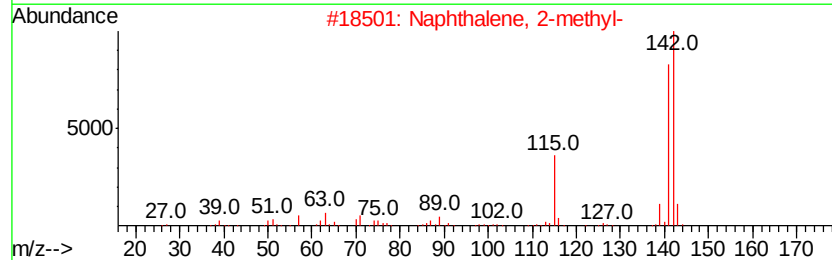
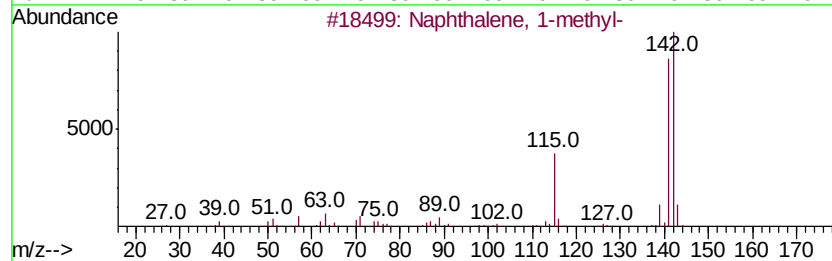
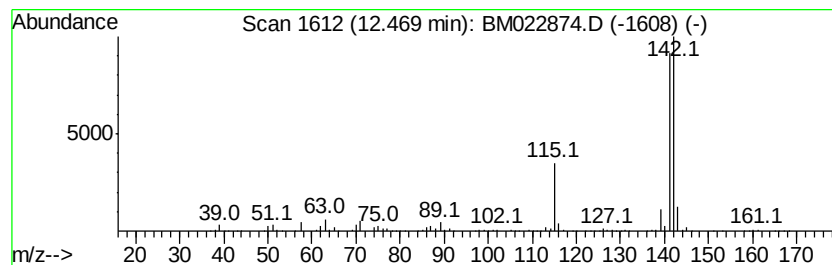
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 Naphthalene, 1-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	16.28 ng/ul	3193520	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022874.D
 Acq On : 02 Oct 2019 03:45
 Operator : JU
 Sample : K4932-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDG8

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
2-Hexanone	3.61	4.2	ng/ul	439515	1	7.80	2081250	20.0
Propanoic acid, 1...	3.73	2.5	ng/ul	255252	1	7.80	2081250	20.0
Toluene	4.00	47.5	ng/ul	4947540	1	7.80	2081250	20.0
Propanoic acid, 2...	4.27	6.0	ng/ul	620688	1	7.80	2081250	20.0
Butanoic acid, 1-...	4.90	8.7	ng/ul	901378	1	7.80	2081250	20.0
Ethylbenzene	5.32	15.2	ng/ul	1581410	1	7.80	2081250	20.0
o-Xylene	5.46	59.6	ng/ul	6204110	1	7.80	2081250	20.0
p-Xylene	5.82	38.5	ng/ul	4012070	1	7.80	2081250	20.0
Benzene, (1-methy...	6.30	2.3	ng/ul	237190	1	7.80	2081250	20.0
2-Heptanone, 6-me...	6.69	2.8	ng/ul	293733	1	7.80	2081250	20.0
Benzene, 1-ethyl-...	6.90	19.1	ng/ul	1990880	1	7.80	2081250	20.0
2-Octanone	7.26	6.1	ng/ul	638967	1	7.80	2081250	20.0
Benzene, 1,2,3-tr...	7.46	54.8	ng/ul	5704940	1	7.80	2081250	20.0
1-Hexanol, 2-ethyl-	7.87	6.4	ng/ul	669526	1	7.80	2081250	20.0
(DEL) Alkane: Str...	8.09	4.7	ng/ul	488561	1	7.80	2081250	20.0
Indane	8.17	18.2	ng/ul	1895010	1	7.80	2081250	20.0
Cyclohexanone, 3,...	8.23	3.1	ng/ul	320658	1	7.80	2081250	20.0
Benzene, 1-methyl...	8.35	4.5	ng/ul	466875	1	7.80	2081250	20.0
Benzene, (1-methy...	8.61	4.0	ng/ul	411540	1	7.80	2081250	20.0
Benzene, 2-ethyl-...	8.76	5.0	ng/ul	518306	1	7.80	2081250	20.0
Benzene, 1-methyl...	8.81	5.8	ng/ul	609215	1	7.80	2081250	20.0
Bicyclo[2.2.1]hep...	9.05	8.8	ng/ul	915897	1	7.80	2081250	20.0
1H-Indene, 2,3-di...	9.85	4.9	ng/ul	966878	2	10.59	3923410	20.0
Naphthalene, 1-me...	12.47	16.3	ng/ul	3193520	2	10.59	3923410	20.0