susan.c

Complete report:

movl 2109	movq 1879	movzbl 1564	addl 1081	addq 825	leaq 555
imull 351	cltq 349	negq 300	cmpl 273	subl 264	movb 165
jmp 116	call 108	movslq 107	jl 93	jle 82	subq 78
salq 68	movss 65	sall 62	cmpb 54	jge 42	leal 38
jne 35	setbe 32	jbe 25	pushq 24	cvtss2sd 24	cvtsi2ss 21
nop 19	ret 18	comiss 18	movsd 17	je 16	ja 16
orl 15	jg 14	cvttsd2si 14	leave 13	mulss 10	andl 10
divss 9	pxor 9	sarl 8	cltd 7	popq 6	subsd 6
addsd 6	addss 6	idivl 5	mulsd 5	cvtsd2ss 5	testl 5
xorps 4	negl 4	cmpq 3	comisd 3	movapd 2	shrl 2
xorl 2	jns 2	movaps 2	testq 1	cvttss2si 1	movsbl 1

bitcunt.c

Chart (revelence):

Instruction	Value
movq	27
movl	24
leaq	13
movsd	12
call	11
cltq	7
addq	4
cmpl	3
jmp	3
jbe	3
addl	3
subq	2
cmpq	2
others	15

■ revelence
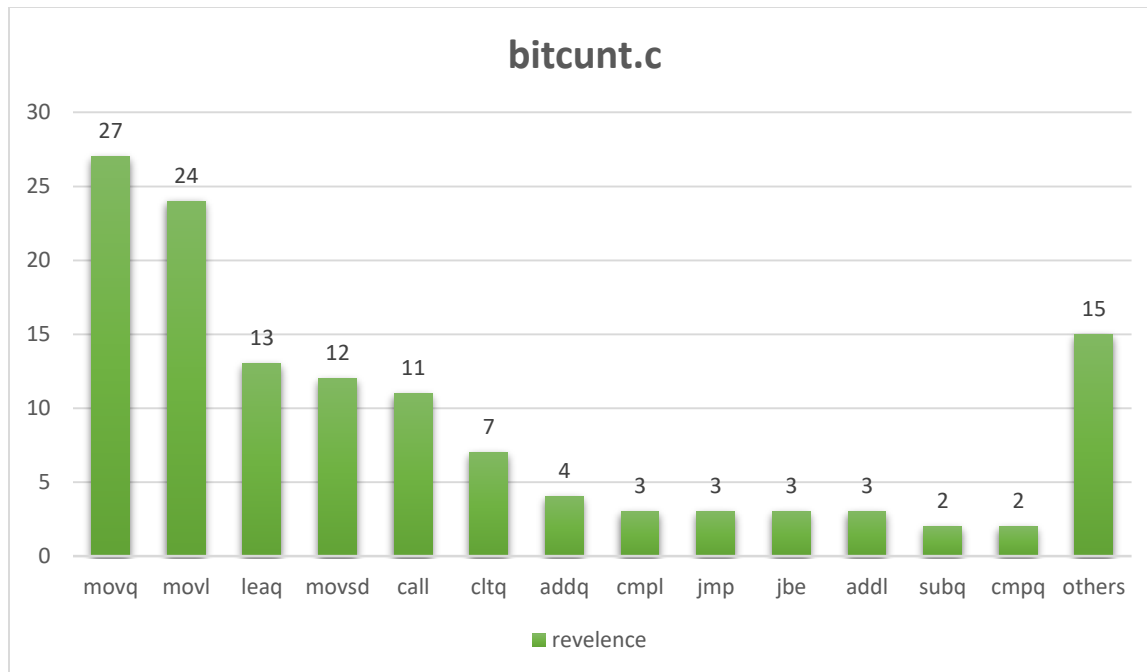
Complete report:

movq 27	movl 24	leaq 13	movsd 12	call 11	cltq 7	addq 4
cmpl 3	jmp 3	jbe 3	addl 3	pushq 2	subq 2	cmpq 2
comisd 2	ret 2	pxor 1	jg 1	jl 1	divsd 1	jle 1
leave 1	andl 1	sarq 1	je 1	popq 1		

basicmath.c
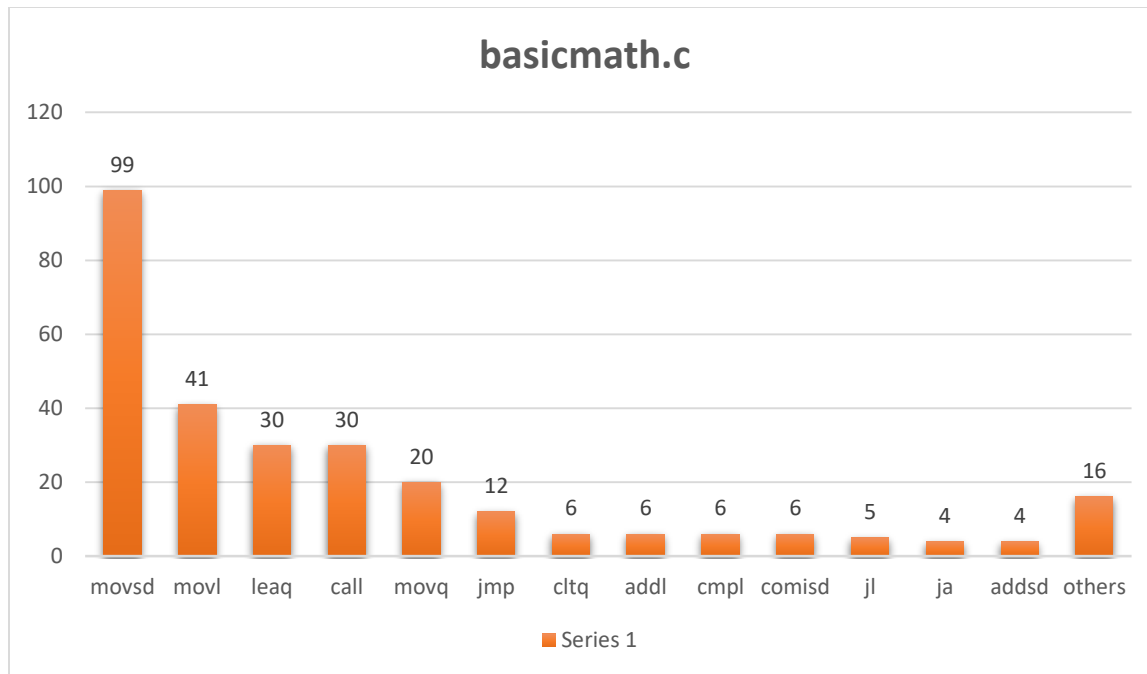
Complete report:

movsd 99	movl 41	leaq 30	call 30	movq 20	jmp 12	cltq 6
addl 6	cmpl 6	comisd 6	jl 5	ja 4	addsd 4	pxor 3
subsd 2	mulsd 2	divsd 2	movapd 2	jnb 2	pushq 1	subq 1
jle 1	leave 1	ret 1				

qsort.c

Chart showing instruction counts: movl 20, movq 19, call 8, leaq 8, cmpl 6, jmp 4, addq 3, movslq 3, pushq 2, subq 2, jne 2, leave 2, ret 2, others 8. Series 1.
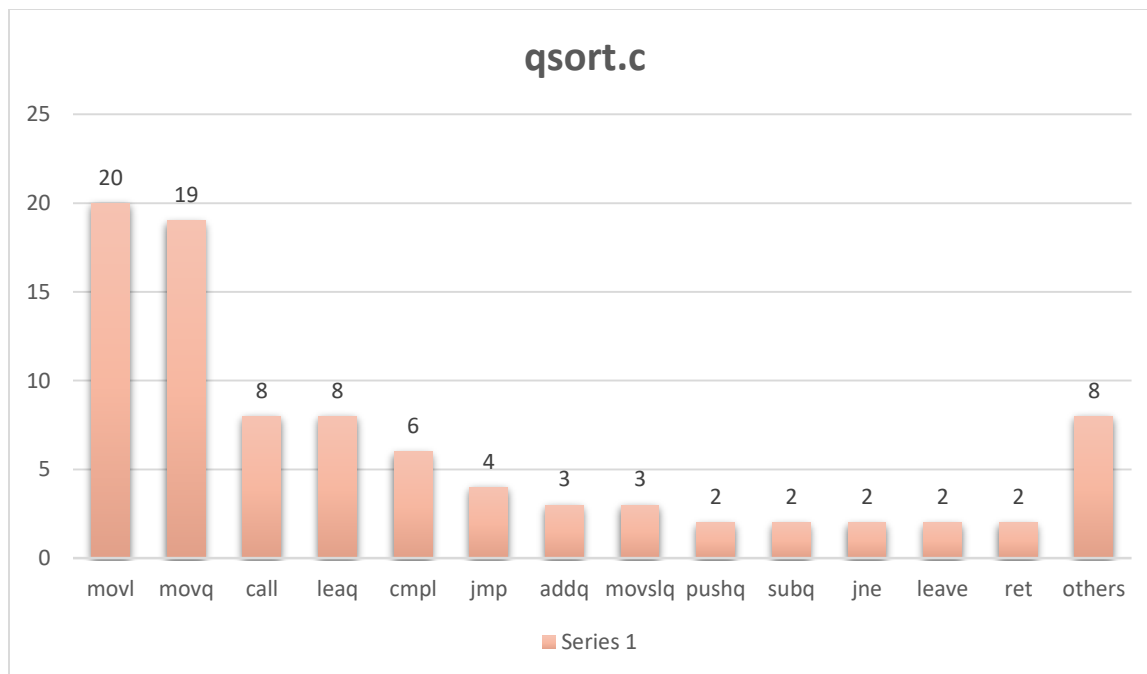
Complete report:

movl	20	movq	19	call	8	leaq	8	cmpl	6	jmp	4	addq	3
movslq	3	pushq	2	subq	2	jne	2	leave	2	ret	2	addl	2
salq	2	js	1	jg	1	jle	1	jl	1				

binary.c
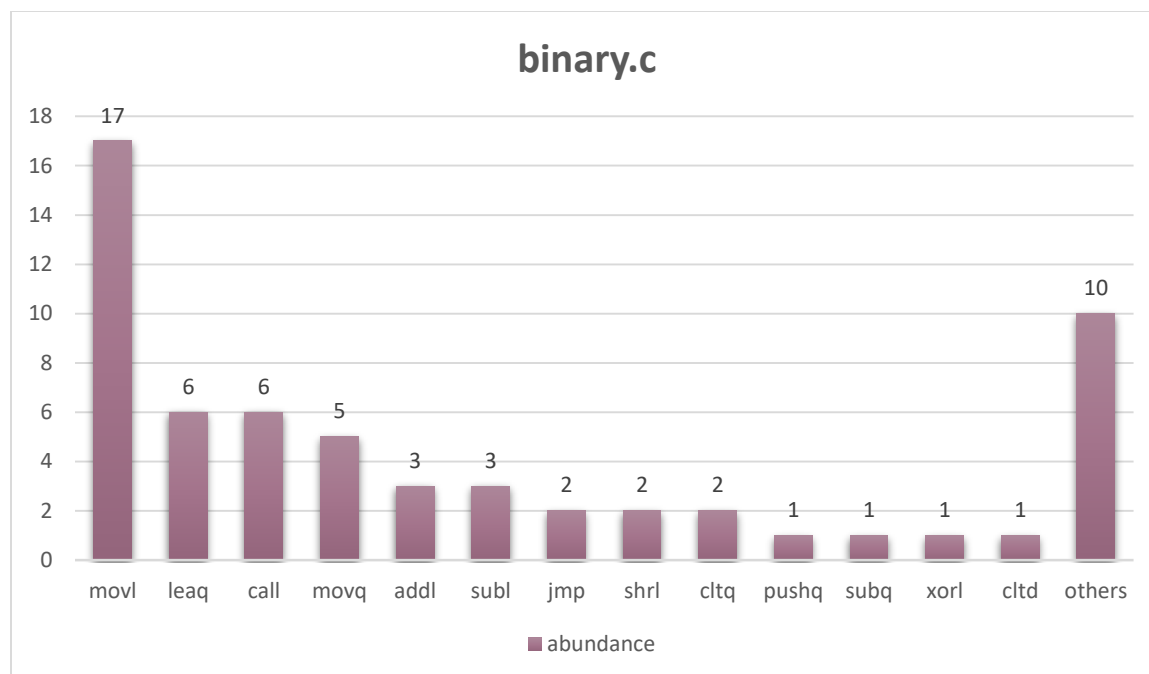
Complete report:

movl   17   leaq   6   call   6   movq   5   addl   3   subl   3   jmp   2   shrl   2

cltq   2   pushq   1   subq   1   xorl   1   cltd   1   andl   1   sarl   1   testl   1

jg   1   cmpl   1   jns   1   xorq   1   je   1   leave   1   ret   1
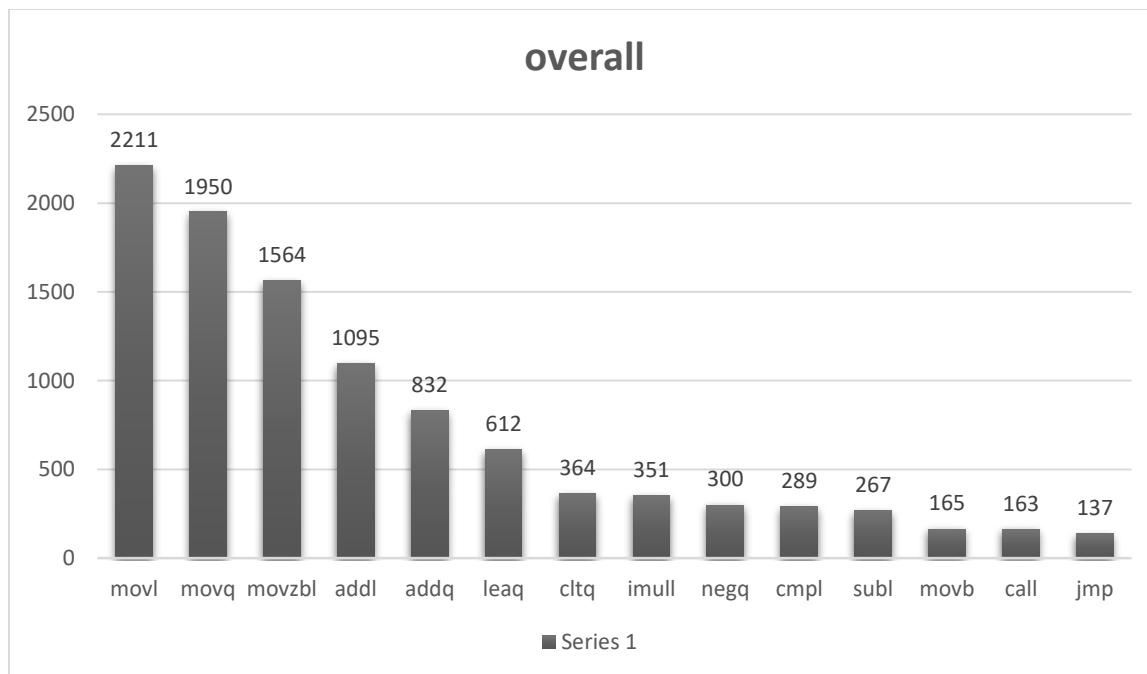
overall

instruction	count
movl	2211
movq	1950
movzbl	1564
addl	1095
addq	832
leaq	612
cltq	364
imull	351
negq	300
cmpl	289
subl	267
movb	165
call	163
jmp	137

Series 1

movl 2211	movq 1950	movzbl 1564	addl 1095	addq 832	leaq 612
cltq 364	imull 351	negq 300	cmpl 289	subl 267	movb 165
call 163	jmp 137	.long 136	movsd 128	movslq 110	jl 100
jle 85	subq 84	salq 70	movss 65	sall 62	cmpb 54
jge 42	leal 38	jne 37	setbe 32	pushq 30	jbe 28
ret 24	cvtss2sd 24	cvtsi2ss 21	ja 20	nop 19	je 18
leave 18	comiss 18	jg 17	orl 15	cvttsd2si 14	pxor 13
andl 12	comisd 11	addsd 10	mulss 10	sarl 9	divss 9
cltd 8	subsd 8	mulsd 7	popq 7	testl 6	addss 6
cmpq 5	idivl 5	cvtsd2ss 5	shrl 4	movapd 4	xorps 4
negl 4	xorl 3	jns 3	divsd 3	jnb 2	movaps 2
xorq 1	js 1	cvtsi2sdq 1	sarq 1	testq 1	cvttss2si 1
movsbl 1					